DATA USABILITY SUMMARY

HILLCREST COMMUNITY ENVIRONMENTAL INVESTIGATION (HCEI)

PHASE II - GROUNDWATER AND SUBSURFACE SOIL SAMPLING

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PROJECT OVERVIEW AND SUMMARY

SITE:	Hillcrest Community Corpus Christi, Texas
EVENT:	Hillcrest Community Environmental Investigation (HCEI) Phase II – Groundwater and Subsurface Soil Sampling
INTENDED USE:	The purpose of Phase II is to determine whether chemicals of concern (COCs) have impacted soil and/or groundwater within the Hillcrest Community and adjacent areas.
LABORATORY:	DHL Analytical (Round Rock, Texas)
ANALYSIS:	49 Volatile organic compounds (VOCs) in soil and water by 5035/ 8260B and 5030B/ 8260B 16 Polycyclic aromatic hydrocarbons (PAHs) in soil and water by 3550B/ 8270C and 3510C/ 8270C Total petroleum hydrocarbons (TPH) in soil and water by Texas method 1005 8 RCRA metals in soil by 3050B/ 6020 and 7471A (Unless otherwise indicated, method references are SW846.)
CERTIFICATION:	T104704211-10-3
WORK ORDERS:	1010123, 1010124, 1010145, 1010156, 1010157, 1010167, 1010173
SAMPLES(1):	54 soil samples plus 7 field duplicates and 4 field matrix spike/matrix spike duplicate (MS/MSD) pairs 8 groundwater samples plus 1 field duplicate and 1 field MS/MSD pair 6 equipment rinsate blanks 5 field blanks 12 trip blanks

(1) Refer to Table 1 for a complete listing.

QAA completed a third-party, independent data review of the above chemical analysis data as specified in the Texas Risk Reduction Program (TRRP) guidance document, Review and Reporting of COC Concentration Data (RGG-366/TRRP-13, May 2010) (hereafter called TRRP-13) per the project-specific Field Sampling Plan for Phase II: Groundwater and Subsurface Soil Sampling (October 2010) (hereafter called the FSP). Additionally, the data was reviewed for adherence to the data quality objectives in the FSP and adherence to the TCEQ Quality Assurance Project Plan for the Petroleum Storage Tank Program FY 2011 (Document No. 201109.0) (hereafter called the QAPP). The results of the independent data review including the documentation of any deviations from the QAPP are presented in this data usability summary.

All samples analyzed during the event were included in the independent data review. QAA completed the review using the following laboratory submittals:

- the laboratory reportable data as defined in TRRP-13;
- the laboratory review checklists and associated exception reports as defined in TRRP-13; and
- the field notes as contained in the field logbooks and chain-of-custody records.

The review of the reportable data included the quality control (QC) parameters listed below, as required per TRRP-13, using the applicable analytical method and project requirements:

- Data Completeness
- Chain-of-Custody Procedures
- Sample Condition - Holding Time, Preservation, and Containers
- Field Procedures

- Results Reporting Procedures
- Laboratory and Field QC Blanks
- Laboratory Control Sample and Matrix Spike Recovery
- Surrogate Recovery
- Matrix and Field Duplicate Precision

Additionally, QAA used the laboratory review checklists to evaluate the following quality control parameters:

- Method Detection Limits (MDLs)
- Method Quantitation Limits (MQLs)
- Instrument Tuning, Calibration, and Performance
- Internal Standards

The following project-specific review criteria, as stipulated in Section 3.1.2.1 of the FSP, were used for the independent data review for organic analytes:

- percent recoveries between 60% and 140%, but not less than 10% or data will be rejected
- relative percent differences (RPDs) within 40% (if a result for the duplicate pair is greater than 5x the MQL) or an absolute difference within 2x the MQL (if results are less than 5x the MQL)

For inorganic analytes, which were added to the sampling protocol in the field and performed for one sample, the following review criteria, as recommended in TRRP-13, were used:

- percent recoveries between 70% and 130%, but not less than 30% or data will be rejected
- relative percent differences (RPDs) within 30% (if a result for the duplicate pair is greater than 5x the MQL) or an absolute difference within 1x the MQL (if results are less than 5x the MQL)

(Note that the laboratory used its own quality control acceptance criteria for their internal review and for reporting on the quality control forms. The laboratory criteria differ from the data review criteria, and thus quality control parameters that are within the laboratory criteria may be outside the review criteria and vice versa.)

If an item was found outside of the review criteria, the reviewer applied a data review qualifier and bias code to the results for the affected samples in accordance with TRRP-13. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

GLOSSARY OF TERMS

The following definitions apply for terms related to analyte reporting limits:

MDL (Method Detection Limit) – the minimum concentration of an analyte that the laboratory can measure and report with 99% confidence that the analyte concentration is greater than zero. The MDL is determined by the laboratory for each analyte in a given reagent matrix (water, soil, or vapor) generally using the procedures specified in 40 CFR Part 136, Appendix B. It is a measure of the concentration an instrument can detect or 'see' in a given reagent matrix. TRRP-13 and Section 3.1.1 of the FSP require that the laboratory routinely check the MDL for reasonableness, which can be accomplished by analysis of a detectability check sample (DCS).

SDL (Sample Detection Limit) – the MDL adjusted to reflect sample-specific actions, such as dilution or use of smaller aliquot sizes than prescribed in the analytical method, and taking into account sample characteristics, sample preparation, and analytical adjustments including dry-weight adjustments. It is a measure of the concentration an instrument can detect or 'see'

in a given sample. Per TRRP-13 and Section 3.1.1 of the FSP, non-detects should be reported using the SDL. This term was originally called the SQL (sample quantitation limit) before the TRRP rule revisions effective March 19, 2007.

Unadjusted MQL (Method Quantitation Limit) – the lowest non-zero concentration standard in the laboratory's initial calibration curve calculated using the normal aliquot sizes and final volumes prescribed in the analytical method. The unadjusted MQL is reported by the laboratory for each analyte in a given matrix (water, soil, or vapor). It is a measure of the concentration an instrument can accurately measure in a typical sample. Per TRRP-13, the Unadjusted MQLs should be below the Levels of Required Performance (LORPs) for purposes of assessment as well as demonstration of conformance with critical Protective Concentration Levels (PCLs). As stated in Section 3.1 of the FSP, the LORPs have been established for Phase II using health-based benchmarks.

MQL – the unadjusted MQL adjusted to reflect sample-specific actions, such as dilution or use of smaller aliquot sizes than prescribed in the analytical method, and takes into account sample characteristics, sample preparation, and analytical adjustments including dry-weight adjustments. It is a measure of the concentration an instrument can accurately measure in a given sample. Per TRRP-13 and Section 3.1.1 in the FSP, analyte concentrations above the MDL (or SDL for a given sample) but below the MQL must be reported as detected results. Though the analyte is considered present in the sample, these concentrations may not be accurately measured and thus are flagged as estimated (J) by the laboratory. The FSP states that the MQL shall serve as the baseline for establishing the presence of chemicals of concern in the sample media.

LABORATORY CERTIFICATION

At the time the laboratory data were generated for this project, DHL Analytical was NELAC accredited under the Texas Laboratory Accreditation Program (TLAP) for the matrices, methods and parameters of analysis requested on the chain-of-custody form except for cyclohexane by SW846 method 8260B, which is reported for all soil and groundwater samples except one. The TCEQ does not offer accreditation for this analyte, in this matrix, analyzed by this method. The reviewer qualified all results for cyclohexane as not offered for accreditation (X7). A copy of the applicable National Environmental Laboratory Accreditation Program (NELAP) accreditation certificate for DHL Analytical is included in Attachment A.

SUMMARY OF QUALITY CONTROL MEASURES

The independent data review confirmed that the following quality control measures were instituted to aid in the establishment of analytical data quality and to minimize random and/or systematic errors that may be introduced during sample collection, sample handling and storage, sample analysis, data reduction, and data reporting:

1. Field Procedures – Each member of the field team followed the same procedures as specified in Appendix A of the FSP.
2. Analytical Methods – The laboratory used appropriate EPA or TCEQ approved analytical methods with sufficient analytical sensitivity as required per Section 3.1.1 of the FSP.
3. Quality Control Samples – Field QC samples (including field duplicates, field matrix spike/matrix spike duplicate pairs, equipment rinsate blanks, field blanks, and trip blanks) were collected at the frequency required per Section 4.3 of the FSP.
4. Data Review – The analytical data was reviewed per TRRP-13 and any results associated with items outside the review criteria were qualified to indicate the limitations of the data as specified in Section 3.1.2 of the FSP. The usability of the data is discussed below.

USABILITY SUMMARY

- Usability of Unqualified Non-Detects – For all of the samples, non-detects are reported as less than the value of the SDL, which is derived from the MDL, as required per Section 3.1.1 of the FSP. Additionally, the laboratory routinely checked the MDLs for reasonableness by analyzing detectability check samples (DCS), the results of which are included in the laboratory data packages. For Phase II, Levels of Required Performance (LORPs) have been established using health-based benchmarks as presented in Table 3.1 of the FSP. For all chemicals of concern, the laboratory's unadjusted MQLs are below the LORPs and thus the data is suitable for purposes of assessment as well as demonstration of conformance with critical protective concentration limits (PCLs).
- Usability of Qualified Data – No data was deemed of insufficient quality to satisfy the project data quality objectives, and thus all data is usable as qualified for the intended use. As shown in Table 2, some results are qualified as estimated with a potential low bias (JL or UJL), estimated with an unknown bias (J or UJ), blank affected (U), and not accredited (X7). The significance of each qualification is as follows:
    - Estimated with a potential low bias (JL or UJL) – Results that are biased low can be used for determining the presence of the analyte and as an indication that the concentration of the analyte exceeds a given criterion. However, the concentration reported for detects or the SDL for non-detects may be low. The significance of the qualification depends on the proximity of the qualified result to the action level. As shown in Table 2, all of the results with a JL or UJL qualifier (which are associated with a minimum spike recovery of 43% or a maximum potential low bias of approximately 2.5x) are well below (more than 2000x) the benchmark, and thus the significance of the qualification is negligible.
    - Estimated with an unknown bias (J or UJ) - Results that are estimated may be either low or high. The most significant qualification of this type is due to high RPDs for the field duplicate collected at the SB5 location. All of the results with a J or UJ qualifier, including the highest results from SB5, are well below (more than 50x) the benchmark, and thus the significance of the qualification is negligible. For data that is qualified due to field duplicate precision, the results from the original sample and the field duplicate sample (if available) should be compared and the higher value should be used for project decisions to provide a conservative approach relative to protection of the environment.
    - Blank affected (U) – Four results are qualified as blank-affected (U) due to field QC blank contamination. In each case, the analyte should be considered not detected at the reported concentration.
    - Not accredited (X7) – All cyclohexane results are qualified because the TCEQ does not offer accreditation for this analyte by SW846 method 8260. The data set includes eight analytical batches for method 8260 and all of the QC samples (blanks, LCS, and MS/MSD) are within control for cyclohexane. This indicates that the accuracy and precision are good for the analytical technique and that it is suitable for the sample matrix.

QAA Reviewer:	Taryn G. Scholz	11/19/10
	(Name)	(Date)

QC PARAMETER	QC OUTCOME
Data Completeness	The laboratory data packages, which are included as Attachment B, meet the requirements of TRRP-13 as stipulated in Section 3.1.2 of the FSP and include the reportable data for each analysis along with the laboratory release statement, laboratory review checklists, and associated exception reports. The reviewer did note some inconsistencies in the original data packages and two amendments to the data packages, which are included as Attachment C, were submitted as follows: • The laboratory added the J-qualifier to benzene and carbon disulfide for sample SO-SB5-01 and acetone for sample SO-SB40-1. Each of these results is below the MQL but lacked the J-qualifier, which was inadvertently deleted in the original data package during the reporting process. The laboratory confirmed that the reported concentrations are correct and that the results are estimated concentrations that are below the MQL but exceed the MDL and meet the qualitative identification criteria of the method. • The laboratory added information to the narrative for work order 1010173 and included volatile surrogate data for the 50x dilution of sample SO-SB5-01 that was missing in the original data package. Information was added to the narrative for clarification to indicate that the 50x dilution of volatile sample SO-SB5-01 was performed using methanol extraction of an aliquot from the 4-ounce sample jar, which was collected using a bulk sampling technique. All other volatile analyses including both standard soil purges and methanol extractions were performed using aliquots from the EnCore® Samplers. (Note that the analytes reported from the 50x dilution of sample SO-SB5-01 are at concentrations above 0.2 mg/kg and thus the bulk sampling technique is acceptable per requirements in TCEQ SOP 6.3 Collection of VOC Samples.) Additionally, the laboratory added clarification to indicate that sample SO-SB5-02 was diluted due to the concentration of target analytes, and that it was not possible to report results from the initial 1x analysis.
Chain-of-Custody Procedures	Sample custody procedures are necessary to maintain and document sample possession and to adequately establish and support the use of sample data in potential enforcement, regulatory, or legislative actions. All samples were collected with ample documentation in the field notes (which are included as Attachment D) and using strict sample custody procedures, including custody seals on each sample container and shipping cooler, which ensures the integrity of the samples was maintained. Additionally, custody documentation was maintained using a chain-of-custody form that was properly completed as stipulated in Section 5.3 of the FSP with the following minor exceptions: • The ‘Trip Blank’ and ‘GW-EB-1’ sample IDs were used for multiple blanks and thus are not unique. However, the laboratory IDs provide uniqueness. • The samples collected on October 18, 2010 through October 21, 2010 were shipped by common carrier (FedEx), but the air bill number is not included on the custody form. However, a copy of each air bill is included in the laboratory data package.

QC PARAMETER	QC OUTCOME
Chain-of-Custody Procedures	Upon receipt at the laboratory, the following additions and changes were made to the original custody forms in order to complete the documentation and ensure that all samples were analyzed as planned in the FSP: • The trip blank with a laboratory ID of 1010124-09 was put on hold and subsequently canceled because there was another trip blank in the same cooler (laboratory ID 1010123-01). • The field MS/MSD collected at location SO-MW1-02, which is shown as SO-MS/MSD-02 on the custody form, was logged in under the parent sample ID due to requirements for the laboratory's information system. • The sample identification for SO-FD-3 was corrected and analysis requests were added for VOC, PAH, and TPH. • The analysis request for sample SO-SB26-02 was changed from VOC, PAH, and TPH to RCRA Metals. • Sample SO-SB39-01 was logged in as a field MS/MSD. • The trip blank with laboratory ID of 1010173-31 was added with an analysis request for VOCs.
Sample Condition (Holding Time, Preservation, and Containers)	Samples must be maintained under proper conditions before analysis in order to ensure the measured results are representative of the actual sample. All samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the PST QAPP. This ensures that the samples were not affected by analyte degradation.
Field Procedures	Samples must be collected using appropriate procedures to ensure representative aliquots are obtained at each location. The field samples were collected using the standard procedures specified in the FSP as summarized below: • Soil borings for the monitor wells and geoprobe soils were collected using field screening via FID measurement. EnCore® Samplers were utilized to collect all VOC samples while the PAH samples were collected into 4-ounce jars and the TPH samples were collected using a coring device with extrusion into 40-ml VOA vials. Note that this method for collection of the TPH samples is not specifically required per the FSP but it is based on the analytical method requirements. • Groundwater samples were collected using low-flow techniques (400 ml/min) with approximately three well volumes purged until parameters stabilized (pH $\pm$0.5 units, conductivity $\pm$10% of reading, temperature $\pm$1 C). An unfiltered sample was then collected in the containers provided by the laboratory. Field instruments were calibrated daily and samples were immediately sealed with custody seals and then placed on ice in a shipping container with a temperature blank and shipped overnight or hand-delivered to the laboratory. All sample locations were recorded using sub-meter precision GPS equipment operated by Geo Strata personnel. Some survey points were moved from their planned location based on utility interferences or requests by the resident or a community representative.

QC PARAMETER	QC OUTCOME
Field Procedures	Modifications to the planned number of samples were made in the field as follows: • An additional sample from a third interval (SO-MW-08-03) was collected for the soil borings from MW-08 and analyzed for VOCs, PAHs, and TPH based on field observations. • An additional sample from a second interval (SO-SBxx-02) was collected for the geoprobe soils at SB2, SB5, SB7, SB11, SB14, and SB33 and analyzed for VOCs, PAHs, and TPH based on field observations. • An additional surface soil (SO-SB26-02) was collected and analyzed for RCRA metals based on a request from the resident. • Samples were not collected at SB22, SB24, SB30, SB31, SB34, or SB35 due to a reduced scope due to time constraints. • A groundwater sample was not collected from MW-03 because the well was dry. • An additional groundwater sample (ULW) was collected from MW-02, prior to development, and analyzed for VOCs, PAHs, and TPH because the well was found unlocked the morning after installation. Additionally, field quality control samples were collected at the frequencies specified in the FSP as follows: Field Duplicates - 7 field duplicates were analyzed with the 54 soil samples and 1 field duplicate was analyzed with the 8 groundwater samples, which meets the FSP frequency requirement of 10%. Field Matrix Spike/ Matrix Spike Duplicates (MS/MSD) - 4 MS/MSD were collected in the field and analyzed with the 54 field samples and 1 MS/MSD was collected and analyzed with the 8 groundwater samples, which meets the FSP requirement of one for every 20 samples. Equipment Rinsate Blanks – 6 rinsate blanks (one after initial equipment decontamination prior to any sample collection plus one for each day of sample collection) were collected and analyzed, which meets the FSP requirement. The rinsate blanks were collected by pouring laboratory-grade, organic-free water over the decontaminated equipment. Field Blanks - 5 field blanks (one for each day of sample collection) were collected and analyzed, which meets the FSP requirement. The field blanks were collected by pouring laboratory-grade, organic-free water into VOA vials provided by the laboratory at a specific sample location (one near SB20, three near MW-1, and one near SB36). Trip Blanks – 12 trip blanks (one for each sample shipping container with VOC samples) were collected and analyzed, which meets the FSP requirement. The trip blanks were VOA vials filled with laboratory-grade, organic-free water at the laboratory that were transported to the site with the sample containers and then back to the laboratory with the samples in the shipping containers.

QC PARAMETER	QC OUTCOME
Results Reporting Procedures	Analytical results must be reported using defined conventions in order for the user to understand exactly what the results mean and to allow comparison of results from different samples, laboratories, etc. As required in Section 3.1.1 of the FSP, the analytical reports include a result, SDL, and RL (which is the MQL with adjustment for sample specific actions). Non-detects are reported as less than the value of the SDL and estimated concentrations that are below the MQL but exceed the MDL and meet qualitative identification criteria of the method are reported as detected results with a laboratory J-qualifier. (The reviewer also qualified each of these results as estimated (J) so that the data validation qualifier stands alone.) Results are reported in mg/kg with dry-weight correction for soils and mg/L for groundwater. Two PAHs (1-methylnaphthalene and 2-methylnaphthalene) that appear in Table 3.1 of the FSP are not reported for the soil or groundwater samples. These analytes are not standard target analytes for DHL Analytical and were not specifically requested.
MDLs	Method detection limits are a calculated measure of the concentration an instrument can see in a given sample. They are statistically determined and as such must be proven attainable. According to the laboratory review checklists, an MDL study was performed for each analyte, and the MDLs were checked for reasonableness and either adjusted or supported by the analysis of detectability check samples (DCS). This assures that the sensitivity of the method is well documented and attainable.
MQLs	Method quantitation limits are a direct measure of the concentration an instrument can accurately measure in a given sample. Per Section 3.1.1 of the FSP, the MQL shall serve as the baseline for establishing the presence of chemicals of concern in the sample media and the unadjusted MQLs should be below the Levels of Required Performance (LORPs) for purposes of assessment as well as demonstration of conformance with critical Protective Concentration Levels (PCLs). LORPs are presented in Table 3.1 of the FSP and the laboratory's unadjusted MQL is below the LORP for every target analyte. The laboratory was unable to successfully analyze one sample (SO-SB5-02) without dilution due to the sample matrix, and thus nondetected results for this sample have elevated reporting limits.
Laboratory Blanks	The laboratory prepared and analyzed a laboratory blank for every analytical batch (maximum 20 samples) to measure potential contamination of the samples due to reagents and equipment used for sample preparation and analysis. No analytes are reported above the detection limit in the laboratory blanks, which confirms that no contamination was introduced in the laboratory.
Field QC Blanks	Equipment rinsate blanks, field blanks, and trip blanks were collected and analyzed with the samples to measure potential contamination of the samples due to cross-contamination from the sampling equipment, exposure to ambient air, and contamination during storage and transport. Results are reported above the detection limit in the field QC blanks for four analytes (acetone, chloroform, naphthalene, and toluene) as shown in Table 3. All of the detected results for acetone, naphthalene, and toluene are in equipment blanks associated with the soil sampling while chloroform was detected in equipment blanks associated with the soil and groundwater sampling.

QC PARAMETER	QC OUTCOME
Field QC Blanks	This indicates the sample results may be potentially affected by contamination introduced in the field. For chloroform, there are no detected results for any of the samples, and thus there is no effect on data quality. For naphthalene, there are three detects for soil samples, but none of these samples is associated with the contaminated blanks (i.e., collected on the same date). For acetone and toluene, there are one or more detects for soil samples that were collected on the same date as a contaminated blank. Per TRRP-13, samples with detected results for an analyte at levels comparable to that in an associated blank (within 5x, 10x for common contaminants which includes acetone) may be affected by contamination and should be qualified as blank affected (U). Using this convention, the reviewer qualified the only detect for toluene and three of the detects for acetone as blank affected (U).
Laboratory Control Sample Recovery	Laboratory control samples (LCS) are prepared in the laboratory using a clean sample matrix (reagent water or sand) that is spiked with the analytes of interest before preparation and analysis. The laboratory prepared one LCS for every analytical batch (maximum 20 samples) and reported recoveries for every target analyte. Additionally, the laboratory prepared a duplicate LCS (i.e., a LCSD) with each metals and TPH batch and one of the VOC soil batches. Recoveries are reported for all target analytes and are within the project limits, which indicates good accuracy for the preparation and analysis technique on a sample free of matrix effects, except in seven cases. The reviewer qualified the results for these analytes in the affected samples (i.e., those in the same analytical batch) per TRRP-13 convention as shown in Table 3.
Matrix Spike Recovery	Matrix spikes (MS) and matrix spike duplicates (MSD) are prepared in the laboratory using a field sample that is spiked with the analytes of interest before preparation and analysis. The laboratory prepared one MS/MSD pair for every analytical batch (maximum 20 samples) except one VOC soil batch and the batch for mercury in soil. There was insufficient sample volume for performance of an MS/MSD for these batches and thus a LCS/LCSD was performed instead. Field MS/MSD were collected at a rate of one per 20 field samples as required and analyzed with the samples. Recoveries are reported for all target analytes and are within the project limits, which indicates good accuracy for the preparation and analysis technique on the given sample matrix, except in eighteen cases, all of which are for soils. The reviewer qualified the results for these analytes in the affected samples (i.e., those in the same analytical batch and with the same matrix characteristics) per TRRP-13 convention as shown in Table 3. Note that in some cases no qualifiers were applied as follows: 1. If both the MS and MSD recoveries are above the data rejection limit of 10% for organics and 30% for inorganics and the average MS/MSD recovery is within the project limits, the accuracy is considered acceptable and no qualifiers were applied. If the MS and MSD also showed poor precision, qualifiers were applied as discussed under Matrix Duplicate Precision. 2. If the spiking amount is less than four times the result in the unspiked parent sample, the check was waived due to insufficient spiking amount and no qualifiers were applied.

QC PARAMETER	QC OUTCOME
Matrix Spike Recovery	For purposes of qualification, the reviewer determined that the samples have the same matrix characteristics as follows: • All samples from the SB5 location are considered unique based on the analyte concentrations and field FID measurements for these samples (which were the only ones >500 ppm). • The VOC samples from the SB2 location are considered unique based on the acetone concentration for these samples. • All of the other soil samples, which all had low field FID measurements of <500 ppm, are considered to have the same matrix characteristics.
Surrogate Recovery	Surrogates are compounds similar to the analytes of interest that are added to each sample before preparation and analysis. The laboratory spiked each sample with two or more surrogates. All of the recoveries are within the laboratory limits, which indicates that the accuracy of the preparation and analysis technique is good for each particular sample, except for four of the soil samples. The reviewer qualified the results for these samples per TRRP-13 convention as shown in Table 3. Note that qualification is not required if only one of multiple surrogates is not in control.
Matrix Duplicate Precision	Matrix duplicates are prepared in the laboratory using a field sample. The laboratory prepared one MS/MSD pair for every analytical batch except two as described above. Additionally, the laboratory prepared one LCS/LCSD pair with each metals and TPH batch and one of the VOC soil batches. RPDs are reported for all target analytes and are within the project limits, which indicates good precision for the preparation and analysis technique on the given sample matrix, except in four cases, all of which are for soils. The reviewer qualified the results for these analytes in the affected samples (i.e., those in the same analytical batch and of the same matrix) per TRRP-13 convention as shown in Table 3.
Field Duplicate Precision	Field duplicates are prepared in the field by the sampler. The sampler selected seven soil samples and one groundwater sample for duplicate analysis. The reviewer compared the relative percent difference (RPD) between the original and duplicate results (for results greater than 5x the MQL) or the absolute difference between the original and duplicate results (for results less than 5x the MQL) to the project criteria. As shown in Table 4, all of the field duplicate RPDs and differences are within the project limits, which indicates good precision for the sampling, preparation, and analysis technique on the given sample matrix, except for the field duplicate collected at SO-SB5-01. For this location, there is a large difference between the original and duplicate results for several of the detected VOCs and PAHs, with the PAHs showing somewhat better precision than the VOCs. This is the only location for which a field FID measurement was >500 ppm, indicating likely contamination. The poor precision is likely due to sample heterogeneity within the sample containers. The reviewer qualified the detected and nondetected results for these analytes in the original and field duplicate sample as estimated (J and UJ) per TRRP-13 convention. Additionally, the reviewer similarly qualified the results for these analytes in the other sample collected at this location (SO-SB5-02).
Instrument Tuning	Tuning ensures that the instrument is set up according to method guidelines. According to the laboratory review checklists, tuning data met the criteria for ion abundance in the analytical method.

QC PARAMETER	QC OUTCOME
Instrument Calibration	Instruments must be properly calibrated to accurately measure target analyte concentrations. According to the laboratory review checklists, initial and continuing calibration data met method requirements for all reported results, except in two cases as shown in Table 3. In each case, a target analyte has a recovery above the limit for the initial calibration verification (ICV) standard, which indicates a potential bias for detected results. However, neither analyte was detected in the samples, and thus there is no effect on data quality.
Instrument Performance	According to the LRC, the serial dilution and ICP interference check samples met method requirements, which indicates that no significant matrix interference exists, except in one case as shown in Table 3. For this case, the %difference is above the method requirement of 10%; however, no qualifiers were applied since the %difference is less than the flagging threshold of 30% per TRRP-13.
Internal Standards	Internal standard response must be adequate and stable to ensure instrument sensitivity is adequate and sample quantitation is accurate. According to the laboratory review checklists, internal standard area counts were within method requirements.

TABLE 1

HCEI PHASE II - GROUNDWATER AND SUBSURFACE SOIL SAMPLING

SAMPLES COLLECTED

SAMPLE ID	SAMPLE TYPE	SAMPLE DATE	RECEIVED DATE	LABORATORY ID
SOIL SAMPLES AND FIELD QC				
Trip Blank	TB	10/18/10	10/19/10	1010123-01
SO MW-6 01	ENV	10/18/10	10/19/10	1010123-02
SO MW-6 02	ENV	10/18/10	10/19/10	1010123-03
GW EB 02	EB	10/18/10	10/19/10	1010123-04
GW FB-1	FB	10/18/10	10/19/10	1010123-05
SO-SB33-01	ENV	10/18/10	10/19/10	1010124-01
SO-SB33-02	ENV	10/18/10	10/19/10	1010124-02
SO-SB6-01	ENV	10/18/10	10/19/10	1010124-03
SO-SB7-01	ENV	10/18/10	10/19/10	1010124-04
SO-SB7-02	ENV	10/18/10	10/19/10	1010124-05
SO-SB20-01	ENV	10/18/10	10/19/10	1010124-06
GW-EB-1	EB	10/18/10	10/19/10	1010124-07
SO-FD-01	FD	10/18/10	10/19/10	1010124-08
GW-TB3	TB	10/19/10	10/20/10	1010145-01
SO-SB8-01	ENV	10/19/10	10/20/10	1010145-02
SO-SB9-01	ENV	10/19/10	10/20/10	1010145-03
SO-SB10-01	ENV	10/19/10	10/20/10	1010145-04
SO-MW1-01	ENV	10/19/10	10/20/10	1010145-05
SO-SB13-01	ENV	10/19/10	10/20/10	1010145-06
SO-FD-2	FD	10/19/10	10/20/10	1010145-07
GW-TB-4	TB	10/19/10	10/20/10	1010145-08
SO-MW3-01	ENV	10/19/10	10/20/10	1010145-09
SO-MW2-01	ENV	10/19/10	10/20/10	1010145-10
SO-MW2-02	ENV	10/19/10	10/20/10	1010145-11
GW FB-2	FB	10/19/10	10/20/10	1010145-12
GW EB-03	EB	10/19/10	10/20/10	1010145-13
SO-FD-3	FD	10/19/10	10/20/10	1010145-14
SO-MW1-02	ENV	10/19/10	10/20/10	1010145-15
Trip Blank	TB	10/20/10	10/21/10	1010157-01
SO-MW4-01	ENV	10/20/10	10/21/10	1010157-02
SO-MW7-01	ENV	10/20/10	10/21/10	1010157-03
SO-MW8-01	ENV	10/20/10	10/21/10	1010157-04
SO-MW8-02	ENV	10/20/10	10/21/10	1010157-05
SO-MW8-03	ENV	10/20/10	10/21/10	1010157-06
Trip Blank	TB	10/20/10	10/21/10	1010157-07
SO-MW5-01	ENV	10/20/10	10/21/10	1010157-08
GW-FB-3	FB	10/20/10	10/21/10	1010157-09
GW-EB-4	EB	10/20/10	10/21/10	1010157-10
Trip Blank	TB	10/21/10	10/22/10	1010167-01
SO-SB1-01	ENV	10/21/10	10/22/10	1010167-02

SAMPLE ID	SAMPLE TYPE	SAMPLE DATE	RECEIVED DATE	LABORATORY ID
SO-SB26-01	ENV	10/21/10	10/22/10	1010167-03
SO-SB26-02	ENV	10/21/10	10/22/10	1010167-04
SO-SB11-01	ENV	10/21/10	10/22/10	1010167-05
SO-SB11-02	ENV	10/21/10	10/22/10	1010167-06
SO-SB15-01	ENV	10/21/10	10/22/10	1010167-07
SO-SB17-01	ENV	10/21/10	10/22/10	1010167-08
SO-SB18-01	ENV	10/21/10	10/22/10	1010167-09
SO-FD-04	FD	10/21/10	10/22/10	1010167-10
SO-FD-05	FD	10/21/10	10/22/10	1010167-11
Trip Blank	TB	10/21/10	10/22/10	1010167-12
SO-SB2-01	ENV	10/21/10	10/22/10	1010167-13
SO-SB2-02	ENV	10/21/10	10/22/10	1010167-14
SO-SB3-01	ENV	10/21/10	10/22/10	1010167-15
SO-SB12-01	ENV	10/21/10	10/22/10	1010167-16
SO-SB14-01	ENV	10/21/10	10/22/10	1010167-17
SO-SB14-02	ENV	10/21/10	10/22/10	1010167-18
SO-SB16-01	ENV	10/21/10	10/22/10	1010167-19
SO-SB19-01	ENV	10/21/10	10/22/10	1010167-20
GW-FB-4	FB	10/21/10	10/22/10	1010167-21
GW-EB-5	EB	10/21/10	10/22/10	1010167-22
Trip Blank	TB	10/22/10	10/23/10	1010173-01
SO-SB32-01	ENV	10/22/10	10/23/10	1010173-02
SO-SB5-01	ENV	10/22/10	10/23/10	1010173-03
SO-SB5-02	ENV	10/22/10	10/23/10	1010173-04
SO-SB36-01	ENV	10/22/10	10/23/10	1010173-05
GW-FB-5	FB	10/22/10	10/23/10	1010173-06
SO-SB37-01	ENV	10/22/10	10/23/10	1010173-07
SO-SB40-01	ENV	10/22/10	10/23/10	1010173-08
SO-SB38-01	ENV	10/22/10	10/23/10	1010173-09
SO-SB39-01	ENV	10/22/10	10/23/10	1010173-10
SO-FD-6	FD	10/22/10	10/23/10	1010173-11
SO-FD-7	FD	10/22/10	10/23/10	1010173-12
GW-TB	TB	10/22/10	10/23/10	1010173-14
SO-SB21-01	ENV	10/22/10	10/23/10	1010173-15
SO-SB4-01	ENV	10/22/10	10/23/10	1010173-16
SO-SB23-01	ENV	10/22/10	10/23/10	1010173-17
SO-SB25-01	ENV	10/22/10	10/23/10	1010173-18
SO-SB27-01	ENV	10/22/10	10/23/10	1010173-19
SO-SB29-01	ENV	10/22/10	10/23/10	1010173-20
SO-SB28-01	ENV	10/22/10	10/23/10	1010173-21
GROUNDWATER SAMPLES AND FIELD QC				
ULW	ENV	10/20/10	10/21/10	1010156-01
Trip Blank	TB	10/21/10	10/22/10	1010167-23
GW-06	ENV	10/21/10	10/22/10	1010167-24
GW-02	ENV	10/21/10	10/22/10	1010167-25
Trip Blank	TB	10/22/10	10/23/10	1010173-22
GW-01	ENV	10/22/10	10/23/10	1010173-23

SAMPLE ID	SAMPLE TYPE	SAMPLE DATE	RECEIVED DATE	LABORATORY ID
GW-04	ENV	10/22/10	10/23/10	1010173-24
GW-05	ENV	10/22/10	10/23/10	1010173-25
GW-07	ENV	10/22/10	10/23/10	1010173-26
GW-08	ENV	10/22/10	10/23/10	1010173-27
GW-DUP-1	FD	10/22/10	10/23/10	1010173-28
GW-EB-1	EB	10/22/10	10/23/10	1010173-29
Trip Blank	TB	10/22/10	10/23/10	1010173-31

All samples analyzed for VOCs, SVOCs, and TPH except SO-SB26-02 (which was analyzed for RCRA metals) and the field blanks and trip blanks (which were analyzed for VOCs).

Sample Types
EB – Equipment rinsate blank
ENV - Environmental
FD – Field duplicate
FB – Field blank
TB – Trip blank

Field Duplicate	Original Sample
SO-FD-01	SO-SB20-01
SO-FD-2	SO-MW1-01
SO-FD-3	SO-MW3-01
SO-FD-04	SO-SB1-01
SO-FD-05	SO-SB18-01
SO-FD-6	SO-SB5-01
SO-FD-7	SO-SB40-01
GW-DUP-1	GW-08

Field MS/MSD
SO-SB20-01
SO-MW1-02
SO-SB2-01
SO-SB39-01
GW-05

TABLE 2

HCEI PHASE II - GROUNDWATER AND SUBSURFACE SOIL SAMPLING

QUALIFIED SAMPLE RESULTS

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO MW-6 01	8260	43492	1010123-02A	Cyclohexane	0.00584	U	mg/Kg-dry	X7	none	42000
SO MW-6 02	8260	43492	1010123-03A	Cyclohexane	0.00528	U	mg/Kg-dry	X7	none	42000
SO-SB33-01	8260	43492	1010124-01A	Acetone	0.0355	J	mg/Kg-dry	U	Equipment blank contamination (0.00629 J mg/L); Field blank contamination (0.00561 J mg/L); Result is between SDL and MQL	5400
SO-SB33-01	8260	43492	1010124-01A	Cyclohexane	0.00494	U	mg/Kg-dry	X7	none	42000
SO-SB33-02	8260	43492	1010124-02A	Cyclohexane	0.00526	U	mg/Kg-dry	X7	none	42000
SO-SB6-01	8260	43492	1010124-03A	Acetone	0.0214	J	mg/Kg-dry	U	Equipment blank contamination (0.00629 J mg/L); Field blank contamination (0.00561 J mg/L); Result is between SDL and MQL	5400
SO-SB6-01	8260	43492	1010124-03A	Cyclohexane	0.00518	U	mg/Kg-dry	X7	none	42000
SO-SB7-01	8260	43492	1010124-04A	Cyclohexane	0.0048	U	mg/Kg-dry	X7	none	42000
SO-SB7-02	8260	43492	1010124-05A	Cyclohexane	0.0051	U	mg/Kg-dry	X7	none	42000
SO-SB20-01	8260	43492	1010124-06A	Cyclohexane	0.00551	U	mg/Kg-dry	X7	none	42000
SO-FD-01	8260	43492	1010124-08A	Cyclohexane	0.00523	U	mg/Kg-dry	X7	none	42000
SO-SB8-01	8260	43522	1010145-02A	Cyclohexane	0.00494	U	mg/Kg-dry	X7	none	42000
SO-SB9-01	8260	43522	1010145-03A	Cyclohexane	0.00564	U	mg/Kg-dry	X7	none	42000
SO-SB10-01	8260	43522	1010145-04A	Cyclohexane	0.00563	U	mg/Kg-dry	X7	none	42000
SO-MW1-01	8260	43522	1010145-05A	Cyclohexane	0.00563	U	mg/Kg-dry	X7	none	42000
SO-SB13-01	8260	43522	1010145-06A	Cyclohexane	0.00571	U	mg/Kg-dry	X7	none	42000
SO-FD-2	8260	43522	1010145-07A	Cyclohexane	0.0065	U	mg/Kg-dry	X7	none	42000
SO-MW3-01	8260	43522	1010145-09A	Cyclohexane	0.00446	U	mg/Kg-dry	X7	none	42000
SO-MW2-01	8260	43522	1010145-10A	Cyclohexane	0.00466	U	mg/Kg-dry	X7	none	42000
SO-MW2-02	8260	43522	1010145-11A	Cyclohexane	0.00552	U	mg/Kg-dry	X7	none	42000
SO-FD-3	8260	43522	1010145-14A	Cyclohexane	0.00514	U	mg/Kg-dry	X7	none	42000
SO-MW1-02	8260	43522	1010145-15A	Cyclohexane	0.00553	U	mg/Kg-dry	X7	none	42000
SO-MW4-01	8260	43549	1010157-02A	Cyclohexane	0.00533	U	mg/Kg-dry	X7	none	42000
SO-MW7-01	8260	43549	1010157-03A	Cyclohexane	0.00487	U	mg/Kg-dry	X7	none	42000
SO-MW8-01	8260	43549	1010157-04A	Cyclohexane	0.00525	U	mg/Kg-dry	X7	none	42000
SO-MW8-02	8260	43549	1010157-05A	Cyclohexane	0.00598	U	mg/Kg-dry	X7	none	42000

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-MW8-02	8260	43549	1010157-05A	Toluene	0.00188	J	mg/Kg-dry	U	Field blank contamination (0.00063 J mg/L); Result is between SDL and MQL	5400
SO-MW8-03	8260	43549	1010157-06A	Cyclohexane	0.00589	U	mg/Kg-dry	X7	none	42000
SO-MW8-03	8260	43549	1010157-06A	Isopropylbenzene	0.00166	J	mg/Kg-dry	J	Result is between SDL and MQL	3000
SO-MW8-03	SW8270C	43603	1010157-06C	Acenaphthene	0.0238	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-MW8-03	SW8270C	43603	1010157-06C	Naphthalene	0.0119	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-MW5-01	8260	43549	1010157-08A	Cyclohexane	0.00561	U	mg/Kg-dry	X7	none	42000
SO-MW5-01	SW8270C	43603	1010157-08C	Acenaphthene	0.0232	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-MW5-01	SW8270C	43603	1010157-08C	Naphthalene	0.0116	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB1-01	8260	43564	1010167-02A	Acetone	0.0207	J	mg/Kg-dry	J	Result is between SDL and MQL	5400
SO-SB1-01	8260	43564	1010167-02A	Cyclohexane	0.00546	U	mg/Kg-dry	X7	none	42000
SO-SB1-01	SW8270C	43603	1010167-02C	Acenaphthene	0.0225	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB1-01	SW8270C	43603	1010167-02C	Naphthalene	0.0113	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB26-01	8260	43564	1010167-03A	Cyclohexane	0.00488	U	mg/Kg-dry	X7	none	42000
SO-SB26-01	SW8270C	43603	1010167-03C	Acenaphthene	0.0233	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB26-01	SW8270C	43603	1010167-03C	Naphthalene	0.0116	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB26-02	SW6020	43580	1010167-04A	Barium	139		mg/Kg-dry	J	MS/MSD RPD (40%) above limit (30%)	N/A
SO-SB26-02	SW6020	43580	1010167-04A	Silver	0.21	J	mg/Kg-dry	J	Result is between SDL and MQL	N/A
SO-SB11-01	8260	43564	1010167-05A	Cyclohexane	0.0054	U	mg/Kg-dry	X7	none	42000
SO-SB11-01	SW8270C	43603	1010167-05C	Acenaphthene	0.0252	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB11-01	SW8270C	43603	1010167-05C	Naphthalene	0.0126	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB11-02	8260	43564	1010167-06A	Cyclohexane	0.00523	U	mg/Kg-dry	X7	none	42000
SO-SB11-02	SW8270C	43603	1010167-06C	Acenaphthene	0.0229	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB11-02	SW8270C	43603	1010167-06C	Naphthalene	0.0114	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-SB15-01	8260	43564	1010167-07A	Cyclohexane	0.00534	U	mg/Kg-dry	X7	none	42000
SO-SB15-01	SW8270C	43603	1010167-07C	Acenaphthene	0.0234	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB15-01	SW8270C	43603	1010167-07C	Naphthalene	0.0117	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB17-01	8260	43564	1010167-08A	Cyclohexane	0.00591	U	mg/Kg-dry	X7	none	42000
SO-SB17-01	SW8270C	43603	1010167-08C	Acenaphthene	0.0247	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB17-01	SW8270C	43603	1010167-08C	Naphthalene	0.0124	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB18-01	8260	43564	1010167-09A	Cyclohexane	0.00505	U	mg/Kg-dry	X7	none	42000
SO-SB18-01	SW8270C	43603	1010167-09C	Acenaphthene	0.0236	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB18-01	SW8270C	43603	1010167-09C	Naphthalene	0.0118	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-FD-04	8260	43564	1010167-10A	Cyclohexane	0.00561	U	mg/Kg-dry	X7	none	42000
SO-FD-04	TX1005	43550	1010167-10B	T/R Hydrocarbons: C6-C12	7.65	J	mg/Kg-dry	J	Result is between SDL and MQL	1100
SO-FD-04	TX1005	43550	1010167-10B	T/R Hydrocarbons: C6-C35	7.65	J	mg/Kg-dry	J	Result is between SDL and MQL	NL
SO-FD-04	SW8270C	43603	1010167-10C	Acenaphthene	0.0225	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-FD-04	SW8270C	43603	1010167-10C	Naphthalene	0.0113	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-FD-05	8260	43564	1010167-11A	Cyclohexane	0.00533	U	mg/Kg-dry	X7	none	42000
SO-FD-05	SW8270C	43603	1010167-11C	Acenaphthene	0.0232	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-FD-05	SW8270C	43603	1010167-11C	Naphthalene	0.0116	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB2-01	8260	43564	1010167-13A	1,1-Dichloroethene	0.00137	U	mg/Kg-dry	UJL	MS recovery (45%) below limits (60-140%)	1600
SO-SB2-01	8260	43564	1010167-13A	Carbon disulfide	0.00137	U	mg/Kg-dry	UJL	MS and ave MS/MSD recovery (44% and 56%) below limits (60-140%)	3300
SO-SB2-01	8260	43564	1010167-13A	Chloromethane	0.00137	U	mg/Kg-dry	UJL	MS and MSD recovery (49% and 50%) below limits (60-140%)	84
SO-SB2-01	8260	43564	1010167-13A	Cyclohexane	0.00684	U	mg/Kg-dry	X7	none	42000

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-SB2-01	8260	43564	1010167-13A	Dichlorodifluoromethane	0.00137	U	mg/Kg-dry	UJL	MS and MSD recovery (45% and 43%) below limits (60-140%)	12000
SO-SB2-01	8260	43564	1010167-13A	Vinyl chloride	0.00137	U	mg/Kg-dry	UJL	MS and MSD recovery (53% and 53%) below limits (60-140%)	3.4
SO-SB2-01	SW8270C	43603	1010167-13C	Acenaphthene	0.0217	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB2-01	SW8270C	43603	1010167-13C	Naphthalene	0.0109	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB2-02	8260	43564	1010167-14A	1,1-Dichloroethene	0.0011	U	mg/Kg-dry	UJL	MS recovery (45%) below limits (60-140%)	1600
SO-SB2-02	8260	43564	1010167-14A	Carbon disulfide	0.0011	U	mg/Kg-dry	UJL	MS and ave MS/MSD recovery (44% and 56%) below limits (60-140%)	3300
SO-SB2-02	8260	43564	1010167-14A	Chloromethane	0.0011	U	mg/Kg-dry	UJL	MS and MSD recovery (49% and 50%) below limits (60-140%)	84
SO-SB2-02	8260	43564	1010167-14A	Cyclohexane	0.00552	U	mg/Kg-dry	X7	none	42000
SO-SB2-02	8260	43564	1010167-14A	Dichlorodifluoromethane	0.0011	U	mg/Kg-dry	UJL	MS and MSD recovery (45% and 43%) below limits (60-140%)	12000
SO-SB2-02	8260	43564	1010167-14A	Vinyl chloride	0.0011	U	mg/Kg-dry	UJL	MS and MSD recovery (53% and 53%) below limits (60-140%)	3.4
SO-SB2-02	SW8270C	43603	1010167-14C	Acenaphthene	0.0237	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB2-02	SW8270C	43603	1010167-14C	Naphthalene	0.0118	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB3-01	8260	43564	1010167-15A	Cyclohexane	0.00524	U	mg/Kg-dry	X7	none	42000
SO-SB3-01	SW8270C	43603	1010167-15C	Acenaphthene	0.0244	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB3-01	SW8270C	43603	1010167-15C	Naphthalene	0.0122	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB12-01	8260	43564	1010167-16A	Cyclohexane	0.00613	U	mg/Kg-dry	X7	none	42000
SO-SB12-01	SW8270C	43603	1010167-16C	Acenaphthene	0.0212	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB12-01	SW8270C	43603	1010167-16C	Naphthalene	0.0106	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB14-01	8260	43564	1010167-17A	Cyclohexane	0.00576	U	mg/Kg-dry	X7	none	42000
SO-SB14-01	SW8270C	43603	1010167-17C	Acenaphthene	0.0248	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-SB14-01	SW8270C	43603	1010167-17C	Naphthalene	0.0124	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB14-02	8260	43564	1010167-18A	Cyclohexane	0.00577	U	mg/Kg-dry	X7	none	42000
SO-SB14-02	SW8270C	43603	1010167-18C	Acenaphthene	0.025	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB14-02	SW8270C	43603	1010167-18C	Naphthalene	0.0125	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB16-01	8260	43564	1010167-19A	Cyclohexane	0.00565	U	mg/Kg-dry	X7	none	42000
SO-SB16-01	SW8270C	43603	1010167-19C	Acenaphthene	0.0244	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB16-01	SW8270C	43603	1010167-19C	Naphthalene	0.0122	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB19-01	8260	43564	1010167-20A	Cyclohexane	0.00594	U	mg/Kg-dry	X7	none	42000
SO-SB19-01	SW8270C	43603	1010167-20C	Acenaphthene	0.0262	U	mg/Kg-dry	UJL	MS and MSD recovery (59% and 57%) below limits (60-140%)	3000
SO-SB19-01	SW8270C	43603	1010167-20C	Naphthalene	0.0131	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 55%) below limits (60-140%)	120
SO-SB32-01	8260	43565	1010173-02A	Cyclohexane	0.00585	U	mg/Kg-dry	X7	none	42000
SO-SB32-01	8260	43565	1010173-02A	Trichlorofluoromethane	0.00585	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB5-01	8260	43565	1010173-03A	Benzene	0.0011	J	mg/Kg-dry	J	Two SU recoveries (422% and 150%) above limits (84-118%); Result is between SDL and MQL	48
SO-SB5-01	8260	43565	1010173-03A	Carbon disulfide	0.00284	J	mg/Kg-dry	J	Two SU recoveries (422% and 150%) above limits (84-118%); Result is between SDL and MQL	3300
SO-SB5-01	8260	43565	1010173-03A	Cyclohexane	0.00518	U	mg/Kg-dry	X7	none	42000
SO-SB5-01	8260	43565	1010173-03A	Ethylbenzene	0.433		mg/Kg-dry	J	Field duplicate RPD (198%) above limit (40%); Two SU recoveries (422% and 150%) above limits (84-118%)	4000
SO-SB5-01	8260	43565	1010173-03A	Isopropylbenzene	0.329		mg/Kg-dry	J	Field duplicate RPD (196%) above limit (40%)	3000
SO-SB5-01	8260	43565	1010173-03A	Methylcyclohexane	2.3		mg/Kg-dry	J	Field duplicate RPD (199%) above limit (40%)	22000
SO-SB5-01	SW8270C	43612	1010173-03C	Acenaphthene	0.145		mg/Kg-dry	J	Field duplicate RPD (144%) above limit (40%)	3000
SO-SB5-01	SW8270C	43612	1010173-03C	Anthracene	0.0132	J	mg/Kg-dry	J	Result is between SDL and MQL	18000
SO-SB5-01	SW8270C	43612	1010173-03C	Fluoranthene	0.0129	J	mg/Kg-dry	J	Result is between SDL and MQL	2300
SO-SB5-01	SW8270C	43612	1010173-03C	Fluorene	0.0758		mg/Kg-dry	J	Field duplicate RPD (146%) above limit (40%)	2300

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-SB5-01	SW8270C	43612	1010173-03C	Naphthalene	0.273		mg/Kg-dry	J	Field duplicate RPD (154%) above limit (40%)	120
SO-SB5-01	SW8270C	43612	1010173-03C	Phenanthrene	0.104		mg/Kg-dry	J	Field duplicate RPD (114%) above limit (40%)	1700
SO-SB5-02	8260	43565	1010173-04A	Cyclohexane	1.36	N	mg/Kg-dry	X7	Two SU recoveries (200% and 131%) above limits (84-118%)	42000
SO-SB5-02	8260	43565	1010173-04A	Ethylbenzene	0.661		mg/Kg-dry	J	Field duplicate RPD (198%) above limit (40%); Two SU recoveries (200% and 131%) above limits (84-118%)	4000
SO-SB5-02	8260	43565	1010173-04A	Isopropylbenzene	9.09		mg/Kg-dry	J	Field duplicate RPD (196%) above limit (40%); Two SU recoveries (200% and 131%) above limits (84-118%)	3000
SO-SB5-02	8260	43565	1010173-04A	Methylcyclohexane	367		mg/Kg-dry	J	Field duplicate RPD (199%) above limit (40%)	22000
SO-SB5-02	SW8270C	43612	1010173-04C	Acenaphthene	0.129		mg/Kg-dry	J	Field duplicate RPD (144%) above limit (40%)	3000
SO-SB5-02	SW8270C	43612	1010173-04C	Anthracene	0.0482	J	mg/Kg-dry	J	Result is between SDL and MQL	18000
SO-SB5-02	SW8270C	43612	1010173-04C	Benzo[a]anthracene	0.0354	J	mg/Kg-dry	J	Result is between SDL and MQL	5.6
SO-SB5-02	SW8270C	43612	1010173-04C	Fluorene	0.182		mg/Kg-dry	J	Field duplicate RPD (146%) above limit (40%)	2300
SO-SB5-02	SW8270C	43612	1010173-04C	Naphthalene	1.5		mg/Kg-dry	J	Field duplicate RPD (154%) above limit (40%)	120
SO-SB5-02	SW8270C	43612	1010173-04C	Phenanthrene	0.334		mg/Kg-dry	J	Field duplicate RPD (114%) above limit (40%)	1700
SO-SB36-01	8260	43565	1010173-05A	Cyclohexane	0.00563	U	mg/Kg-dry	X7	none	42000
SO-SB36-01	8260	43565	1010173-05A	Trichlorofluoromethane	0.00563	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB37-01	8260	43565	1010173-07A	Cyclohexane	0.00546	U	mg/Kg-dry	X7	none	42000
SO-SB37-01	8260	43565	1010173-07A	Trichlorofluoromethane	0.00546	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB40-01	8260	43565	1010173-08A	Acetone	0.0357	J	mg/Kg-dry	J	Result is between SDL and MQL	5400
SO-SB40-01	8260	43565	1010173-08A	Cyclohexane	0.00697	U	mg/Kg-dry	X7	none	42000
SO-SB40-01	8260	43565	1010173-08A	Trichlorofluoromethane	0.00697	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB38-01	8260	43565	1010173-09A	Cyclohexane	0.00526	U	mg/Kg-dry	X7	none	42000
SO-SB38-01	8260	43565	1010173-09A	Trichlorofluoromethane	0.00526	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB39-01	8260	43565	1010173-10A	Cyclohexane	0.0051	U	mg/Kg-dry	X7	none	42000
SO-SB39-01	8260	43565	1010173-10A	Trichlorofluoromethane	0.0051	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-FD-6	8260	43565	1010173-11A	Carbon disulfide	0.00249	J	mg/Kg-dry	J	Result is between SDL and MQL	3300
SO-FD-6	8260	43565	1010173-11A	Cyclohexane	0.00496	U	mg/Kg-dry	X7	none	42000

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-FD-6	8260	43565	1010173-11A	Ethylbenzene	0.00271	J	mg/Kg-dry	J	Field duplicate RPD (198%) above limit (40%); Result is between SDL and MQL	4000
SO-FD-6	8260	43565	1010173-11A	Isopropylbenzene	0.00302	J	mg/Kg-dry	J	Field duplicate RPD (196%) above limit (40%); Result is between SDL and MQL	3000
SO-FD-6	8260	43565	1010173-11A	Methylcyclohexane	0.00496	U	mg/Kg-dry	UJ	Field duplicate RPD (199%) above limit (40%)	22000
SO-FD-6	SW8270C	43612	1010173-11C	Acenaphthene	0.0236	U	mg/Kg-dry	UJ	Field duplicate RPD (144%) above limit (40%)	3000
SO-FD-6	SW8270C	43612	1010173-11C	Fluorene	0.0118	U	mg/Kg-dry	UJ	Field duplicate RPD (146%) above limit (40%)	2300
SO-FD-6	SW8270C	43612	1010173-11C	Naphthalene	0.0356	J	mg/Kg-dry	J	Field duplicate RPD (154%) above limit (40%); Result is between SDL and MQL	120
SO-FD-6	SW8270C	43612	1010173-11C	Phenanthrene	0.0281	J	mg/Kg-dry	J	Field duplicate RPD (114%) above limit (40%); Result is between SDL and MQL	1700
SO-FD-7	8260	43565	1010173-12A	Acetone	0.0386	J	mg/Kg-dry	J	Result is between SDL and MQL	5400
SO-FD-7	8260	43565	1010173-12A	Cyclohexane	0.00734	U	mg/Kg-dry	X7	none	42000
SO-FD-7	8260	43565	1010173-12A	Trichlorofluoromethane	0.00734	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-FD-7	SW8270C	43612	1010173-12C	Fluoranthene	0.0189	J	mg/Kg-dry	J	Result is between SDL and MQL	2300
SO-SB21-01	8260	43565	1010173-15A	Cyclohexane	0.0057	U	mg/Kg-dry	X7	none	42000
SO-SB21-01	8260	43565	1010173-15A	Trichlorofluoromethane	0.0057	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB4-01	8260	43565	1010173-16A	Cyclohexane	0.00562	U	mg/Kg-dry	X7	none	42000
SO-SB4-01	8260	43565	1010173-16A	Trichlorofluoromethane	0.00562	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB23-01	8260	43565	1010173-17A	Cyclohexane	0.0055	U	mg/Kg-dry	X7	none	42000
SO-SB23-01	8260	43565	1010173-17A	Trichlorofluoromethane	0.0055	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB25-01	8260	43565	1010173-18A	Cyclohexane	0.00487	U	mg/Kg-dry	X7	none	42000
SO-SB25-01	8260	43565	1010173-18A	Trichlorofluoromethane	0.00487	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB27-01	8260	43565	1010173-19A	Cyclohexane	0.00581	U	mg/Kg-dry	X7	none	42000
SO-SB27-01	8260	43565	1010173-19A	Trichlorofluoromethane	0.00581	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB29-01	8260	43565	1010173-20A	Cyclohexane	0.00522	U	mg/Kg-dry	X7	none	42000
SO-SB29-01	8260	43565	1010173-20A	Trichlorofluoromethane	0.00522	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
SO-SB28-01	8260	43565	1010173-21A	Cyclohexane	0.00532	U	mg/Kg-dry	X7	none	42000

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
SO-SB28-01	8260	43565	1010173-21A	Trichlorofluoromethane	0.00532	U	mg/Kg-dry	UJL	MS and MSD recovery (57% and 56%) below limits (60-140%)	12000
ULW	8260	43586	1010156-01A	2-Butanone	0.00933	J	mg/L	J	Result is between SDL and MQL	350000
ULW	8260	43586	1010156-01A	Acetone	0.00629	J	mg/L	U	Trip blank contamination (0.00986 J mg/L); Result is between SDL and MQL	33000
ULW	8260	43586	1010156-01A	Bromodichloromethane	0.0009	J	mg/L	J	Result is between SDL and MQL	NA
ULW	8260	43586	1010156-01A	Cyclohexane	0.005	U	mg/L	X7	none	770
ULW	SW8270C	43558	1010156-01C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
ULW	SW8270C	43558	1010156-01C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
ULW	SW8270C	43558	1010156-01C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
ULW	SW8270C	43558	1010156-01C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
ULW	SW8270C	43558	1010156-01C	Naphthalene	0.000025	U	mg/L	UJL	LCS recovery (51%) below limits (60-140%)	41
ULW	SW8270C	43558	1010156-01C	Phenanthrene	0.000031	J	mg/L	J	LCS recovery (55%) below limits (60-140%); Result is between SDL and MQL	N/A
GW-06	8260	43586	1010167-24A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-06	SW8270C	43558	1010167-24C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-06	SW8270C	43558	1010167-24C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-06	SW8270C	43558	1010167-24C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
GW-06	SW8270C	43558	1010167-24C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-06	SW8270C	43558	1010167-24C	Naphthalene	0.000025	U	mg/L	UJL	LCS recovery (51%) below limits (60-140%)	41
GW-06	SW8270C	43558	1010167-24C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-02	8260	43586	1010167-25A	Bromoform	0.00022	J	mg/L	J	Result is between SDL and MQL	670
GW-02	8260	43586	1010167-25A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-02	8260	43586	1010167-25A	Dibromochloromethane	0.00024	J	mg/L	J	Result is between SDL and MQL	NA
GW-02	SW8270C	43558	1010167-25C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-02	SW8270C	43558	1010167-25C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-02	SW8270C	43558	1010167-25C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
GW-02	SW8270C	43558	1010167-25C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-02	SW8270C	43558	1010167-25C	Naphthalene	0.0000374	J	mg/L	J	LCS recovery (51%) below limits (60-140%); Result is between SDL and MQL	41
GW-02	SW8270C	43558	1010167-25C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-01	8260	43600	1010173-23A	cis-1,2-Dichloroethene	0.00035	J	mg/L	J	Result is between SDL and MQL	2100
GW-01	8260	43600	1010173-23A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-01	SW8270C	43558	1010173-23C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-01	SW8270C	43558	1010173-23C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A

SAMPLE ID	METHOD	BATCH	LAB ID	ANALYTE	LABORATORY RESULT			QUALIFIER AND COMMENT		LORP
GW-01	SW8270C	43558	1010173-23C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
GW-01	SW8270C	43558	1010173-23C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-01	SW8270C	43558	1010173-23C	Naphthalene	0.000025	U	mg/L	UJL	LCS recovery (51%) below limits (60-140%)	41
GW-01	SW8270C	43558	1010173-23C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-04	8260	43600	1010173-24A	Acetone	0.00714	J	mg/L	J	Result is between SDL and MQL	33000
GW-04	8260	43600	1010173-24A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-04	SW8270C	43558	1010173-24C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-04	SW8270C	43558	1010173-24C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-04	SW8270C	43558	1010173-24C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
GW-04	SW8270C	43558	1010173-24C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-04	SW8270C	43558	1010173-24C	Naphthalene	0.0000357	J	mg/L	J	LCS recovery (51%) below limits (60-140%); Result is between SDL and MQL	41
GW-04	SW8270C	43558	1010173-24C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-05	8260	43600	1010173-25A	cis-1,2-Dichloroethene	0.00028	J	mg/L	J	Result is between SDL and MQL	2100
GW-05	8260	43600	1010173-25A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-05	8260	43600	1010173-25A	Dibromochloromethane	0.00021	J	mg/L	J	Result is between SDL and MQL	NA
GW-05	SW8270C	43558	1010173-25C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-05	SW8270C	43558	1010173-25C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-05	SW8270C	43558	1010173-25C	Anthracene	0.000025	U	mg/L	UJL	LCS recovery (56%) below limits (60-140%)	N/A
GW-05	SW8270C	43558	1010173-25C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-05	SW8270C	43558	1010173-25C	Naphthalene	0.000025	U	mg/L	UJL	LCS recovery (51%) below limits (60-140%)	41
GW-05	SW8270C	43558	1010173-25C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-07	8260	43600	1010173-26A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-07	SW8270C	43558	1010173-26C	Acenaphthene	0.000025	U	mg/L	UJL	LCS recovery (52%) below limits (60-140%)	N/A
GW-07	SW8270C	43558	1010173-26C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-07	SW8270C	43558	1010173-26C	Anthracene	0.0000567		mg/L	JL	LCS recovery (56%) below limits (60-140%)	N/A
GW-07	SW8270C	43558	1010173-26C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-07	SW8270C	43558	1010173-26C	Naphthalene	0.000025	U	mg/L	UJL	LCS recovery (51%) below limits (60-140%)	41
GW-07	SW8270C	43558	1010173-26C	Phenanthrene	0.000025	U	mg/L	UJL	LCS recovery (55%) below limits (60-140%)	N/A
GW-08	8260	43600	1010173-27A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-08	SW8270C	43558	1010173-27C	Acenaphthene	0.0002		mg/L	JL	LCS recovery (52%) below limits (60-140%)	N/A
GW-08	SW8270C	43558	1010173-27C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-08	SW8270C	43558	1010173-27C	Anthracene	0.0000262	J	mg/L	J	LCS recovery (56%) below limits (60-140%); Result is between SDL and MQL	N/A
GW-08	SW8270C	43558	1010173-27C	Fluoranthene	0.0000357	J	mg/L	J	Result is between SDL and MQL	N/A

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GW-08	SW8270C	43558	1010173-27C	Fluorene	0.0000522		mg/L	JL	LCS recovery (58%) below limits (60-140%)	N/A
GW-08	SW8270C	43558	1010173-27C	Naphthalene	0.000301		mg/L	JL	LCS recovery (51%) below limits (60-140%)	41
GW-08	SW8270C	43558	1010173-27C	Phenanthrene	0.0000382	J	mg/L	J	LCS recovery (55%) below limits (60-140%); Result is between SDL and MQL	N/A
GW-08	SW8270C	43558	1010173-27C	Pyrene	0.0000418	J	mg/L	J	Result is between SDL and MQL	N/A
GW-DUP-1	8260	43600	1010173-28A	Cyclohexane	0.005	U	mg/L	X7	none	770
GW-DUP-1	SW8270C	43558	1010173-28C	Acenaphthene	0.000237		mg/L	JL	LCS recovery (52%) below limits (60-140%)	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Acenaphthylene	0.000025	U	mg/L	UJL	LCS recovery (57%) below limits (60-140%)	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Anthracene	0.00003	J	mg/L	J	LCS recovery (56%) below limits (60-140%); Result is between SDL and MQL	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Fluoranthene	0.0000364	J	mg/L	J	Result is between SDL and MQL	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Fluorene	0.000025	U	mg/L	UJL	LCS recovery (58%) below limits (60-140%)	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Naphthalene	0.000381		mg/L	JL	LCS recovery (51%) below limits (60-140%)	41
GW-DUP-1	SW8270C	43558	1010173-28C	Phenanthrene	0.0000535		mg/L	JL	LCS recovery (55%) below limits (60-140%)	N/A
GW-DUP-1	SW8270C	43558	1010173-28C	Pyrene	0.0000437	J	mg/L	J	Result is between SDL and MQL	N/A

U – Blank affected; The analyte was not detected above 5x (10x for common contaminants) the level in an associated blank.

UJ – Estimated data; The analyte was not detected above the reported Sample Detection Limit (SDL) however, the SDL is approximate due to exceedance of one or more QC requirements.

J – Estimated data; The reported sample concentration or mass is approximate due to exceedance of one or more QC requirements.

NJ – Tentatively identified, estimated data; The analysis indicates the presence of the analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration or mass.

R – Rejected data; Serious QC deficiencies make it impossible to verify the absence or presence of this analyte.

X7 – The laboratory is not NELAC accredited under the Texas Laboratory Accreditation Program for this analyte in this matrix analyzed by this method. The TCEQ does not offer accreditation for this analyte, in this matrix, analyzed by this method.

H – Bias in sample result is likely to be high

L – Bias in sample result is likely to be low

none – Bias in sample is unknown

NOTE: For multiple deficiencies the reviewer applied the most severe flag. (R>U>J>JL/JH and R>UJ>UJL)

TABLE 3

HCEI PHASE II - GROUNDWATER AND SUBSURFACE SOIL SAMPLING

QC OUTCOMES

SAMPLE ID	TYPE	ANALYSIS METHOD	ANALYSIS DATE	PREP METHOD	PREP DATE	BATCH	LAB ID	ANALYTE	QUALIFIER TO APPLY	COMMENT
FIELD QC BLANKS										
GW EB 02	EB	8260	10/20/10 12:40	5030	10/20/10	43453	1010123-04A	Acetone	U to detects<10x blank amount	Equipment blank contamination (0.00629 J mg/L)
GW EB 02	EB	SW8270C	10/25/10 13:34	SW3510C	10/25/10	43558	1010123-04C	Naphthalene	U to detects<5x blank amount (none, ND)	Equipment blank contamination (0.000126 mg/L)
GW FB-1	FB	8260	10/20/10 13:04	5030	10/20/10	43453	1010123-05A	Acetone	U to detects<10x blank amount	Field blank contamination (0.00561 J mg/L)
GW-EB-1	EB	SW8270C	10/25/10 14:05	SW3510C	10/25/10	43558	1010124-07C	Naphthalene	U to detects<5x blank amount (none, ND)	Equipment blank contamination (0.000148 mg/L)
GW FB-2	FB	8260	10/20/10 17:56	5030	10/20/10	43453	1010145-12A	Acetone	U to detects<10x blank amount (none, ND)	Field blank contamination (0.00825 J mg/L)
GW EB-03	EB	8260	10/20/10 18:20	5030	10/20/10	43453	1010145-13A	Acetone	U to detects<10x blank amount (none, ND)	Equipment blank contamination (0.00654 J mg/L)
GW EB-03	EB	SW8270C	10/25/10 14:36	SW3510C	10/25/10	43558	1010145-13C	Naphthalene	U to detects<5x blank amount (none, ND)	Equipment blank contamination (0.00013 mg/L)
Trip Blank	TB	8260	10/26/10 16:34	5030	10/26/10	43586	1010157-01A	Acetone	U to detects<10x blank amount (none, ND)	Trip blank contamination (0.00986 J mg/L)
GW-FB-3	FB	8260	10/26/10 17:25	5030	10/26/10	43586	1010157-09A	Chloroform	U to detects<5x blank amount (none, all ND)	Field blank contamination (0.00041 J mg/L)
GW-FB-3	FB	8260	10/26/10 17:25	5030	10/26/10	43586	1010157-09A	Toluene	U to detects<5x blank amount	Field blank contamination (0.00063 J mg/L)
GW-EB-4	EB	8260	10/26/10 14:52	5030	10/26/10	43586	1010157-10A	Chloroform	U to detects<5x blank amount (none, all ND)	Equipment blank contamination (0.00038 J mg/L)
GW-FB-4	FB	8260	10/26/10 15:17	5030	10/26/10	43586	1010167-21A	Chloroform	U to detects<5x blank amount (none, all ND)	Field blank contamination (0.00035 J mg/L)
GW-EB-1	EB	8260	10/27/10 17:12	5030	10/27/10	43600	1010173-29A	Chloroform	U to detects<5x blank amount (none, all ND)	Equipment blank contamination (0.00032 J mg/L)

SAMPLE ID	TYPE	ANALYSIS METHOD	ANALYSIS DATE	PREP METHOD	PREP DATE	BATCH	LAB ID	ANALYTE	QUALIFIER TO APPLY	COMMENT
LABORATORY CONTROL SAMPLE RECOVERY										
LCS-43522	LCS	8260	10/21/10 10:57	SW5035	10/21/10	43522	LCS-43522	Acetone	JH to detects to samples this batch (none)	LCS recovery (146%) above limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Acenaphthene	UJL/JL to NDs/detects to samples this batch	LCS recovery (52%) below limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Acenaphthylene	UJL/JL to NDs/detects to samples this batch	LCS recovery (57%) below limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Anthracene	UJL/JL to NDs/detects to samples this batch	LCS recovery (56%) below limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Fluorene	UJL/JL to NDs/detects to samples this batch	LCS recovery (58%) below limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Naphthalene	UJL/JL to NDs/detects to samples this batch	LCS recovery (51%) below limits (60-140%)
LCS-43558	LCS	SW8270C	10/25/10 11:01	SW3510C	10/25/10	43558	LCS-43558	Phenanthrene	UJL/JL to NDs/detects to samples this batch	LCS recovery (55%) below limits (60-140%)
MATRIX SPIKE RECOVERY										
SO-MW1-02 MS	MS	8260	10/21/10 19:08	SW5035	10/21/10	43522	1010145-15AMS	Chloromethane	none (average MS/MSD recovery within control)	MS recovery (57%) below limits (60-140%)
SO-MW1-02 MS	MS	8260	10/21/10 19:08	SW5035	10/21/10	43522	1010145-15AMS	Dichlorodifluoromethane	none (average MS/MSD recovery within control)	MS recovery (56%) below limits (60-140%)
SO-MW1-02 MS/MSD	MS/ MSD	8260	10/21/10 19:08	SW5035	10/21/10	43522	1010145-15AMS/MSD	Trichlorofluoromethane	JH to detects to low samples in this batch (none)	MS and MSD recovery (144% and 142%) above limits (60-140%)
SO-MW1-02 MS	MS	8260	10/21/10 19:08	SW5035	10/21/10	43522	1010145-15AMS	Vinyl chloride	none (average MS/MSD recovery within control)	MS recovery (59%) below limits (60-140%)
SO-SB2-01 MS	MS	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS	1,1,2-Trichlorotrifluoroethane	none (average MS/MSD recovery within control)	MS recovery (51%) below limits (60-140%)
SO-SB2-01 MS	MS	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS	1,1-Dichloroethene	UJL/JL to NDs/detects SB2 samples only (due to acetone conc)	MS recovery (45%) below limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS/MSD	Acetone	none (waived due to insufficient spiking amount)	MS and MSD recovery (-498% and -511%) below limits (60-140%)

SAMPLE ID	TYPE	ANALYSIS METHOD	ANALYSIS DATE	PREP METHOD	PREP DATE	BATCH	LAB ID	ANALYTE	QUALIFIER TO APPLY	COMMENT
SO-SB2-01 MS	MS	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS	Carbon disulfide	UJL/JL to NDs/detects SB2 samples only (due to acetone conc)	MS and ave MS/MSD recovery (44% and 56%) below limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS/MSD	Chloromethane	UJL/JL to NDs/detects SB2 samples only (due to acetone conc)	MS and MSD recovery (49% and 50%) below limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS/MSD	Dichlorodifluoromethane	UJL/JL to NDs/detects SB2 samples only (due to acetone conc)	MS and MSD recovery (45% and 43%) below limits (60-140%)
SO-SB2-01 MS	MS	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS	Methylene chloride	none (average MS/MSD recovery within control)	MS recovery (52%) below limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS/MSD	Trichlorofluoromethane	JH to detects SB2 samples only (due to acetone conc) - none	MS and MSD recovery (145% and 142%) above limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	8260	10/25/10 22:47	SW5035	10/25/10	43564	1010167-13AMS/MSD	Vinyl chloride	UJL/JL to NDs/detects SB2 samples only (due to acetone conc)	MS and MSD recovery (53% and 53%) below limits (60-140%)
SO-SB39-01 MS/MSD	MS/ MSD	8260	10/26/10 18:35	SW5035	10/25/10	43565	1010173-10AMS/MSD	Trichlorofluoromethane	UJL/JL to NDs/detects all low samples in this batch	MS and MSD recovery (57% and 56%) below limits (60-140%)
SO-SB26-02 MS/MSD	MS/ MSD	SW6020	10/27/10 12:25	SW3050B	10/26/10	43580	1010167-04A MS/MSD	Barium	none (waived due to insufficient spiking amount); PDS recovery (102%) within control	MS and MSD recovery (152% and 343%) above limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	SW8270C	10/27/10 17:42	SW3550B	10/27/10	43603	1010167-13CMS/MSD	Acenaphthene	UJL/JL to NDs/detects all low samples in this batch	MS and MSD recovery (59% and 57%) below limits (60-140%)
SO-SB2-01 MS/MSD	MS/ MSD	SW8270C	10/27/10 17:42	SW3550B	10/27/10	43603	1010167-13CMS/MSD	Naphthalene	UJL/JL to NDs/detects all low samples in this batch	MS and MSD recovery (57% and 55%) below limits (60-140%)
SO-SB39-01 MS	MS	SW8270C	10/29/10 12:16	SW3550B	10/28/10	43612	1010173-10CMS	Naphthalene	none (average MS/MSD recovery within control)	MS recovery (58%) below limits (60-140%)
SURROGATE RECOVERY										

SAMPLE ID	TYPE	ANALYSIS METHOD	ANALYSIS DATE	PREP METHOD	PREP DATE	BATCH	LAB ID	ANALYTE	QUALIFIER TO APPLY	COMMENT
SO-MW8-03	ENV	8260	10/22/10 16:20	SW5035	10/22/10	43549	1010157-06A	Surr: 4-Bromofluorobenzene	none (single deficiency for multiple surrogate analysis)	SU recovery (121%) above limits (84-118%)
SO-SB17-01	ENV	8260	10/25/10 16:43	SW5035	10/25/10	43564	1010167-08A	Surr: Dibromofluoromethane	none (single deficiency for multiple surrogate analysis)	SU recovery (64%) below limits (65-135%)
SO-SB5-01	ENV	8260	10/27/10 0:08	SW5035	10/25/10	43565	1010173-03A	Surr: 4-Bromofluorobenzene	JH to detects reported from this analysis	SU recovery (422%) above limits (84-118%)
SO-SB5-01	ENV	8260	10/27/10 0:08	SW5035	10/25/10	43565	1010173-03A	Surr: Toluene-d8	JH to detects reported from this analysis	SU recovery (150%) above limits (84-116%)
SO-SB5-02	ENV	8260	10/27/10 15:13	SW5035	10/25/10	43565	1010173-04A	Surr: 4-Bromofluorobenzene	JH to detects reported from this analysis	SU recovery (200%) above limits (84-118%)
SO-SB5-02	ENV	8260	10/27/10 15:13	SW5035	10/25/10	43565	1010173-04A	Surr: Toluene-d8	JH to detects reported from this analysis	SU recovery (131%) above limits (84-116%)
SO-SB5-02	ENV	TX1005	10/26/10 9:17	METHOD	10/25/10	43567	1010173-04B	Surr: Isopropylbenzene	none (single deficiency for multiple surrogate analysis)	SU recovery (461%) above limits (70-130%)
MATRIX DUPLICATE PRECISION										
SO-SB2-01 MSD	MSD	8260	10/25/10 23:20	SW5035	10/25/10	43564	1010167-13AMSD	1,1,2-Trichlorotrifluoroethane	J to detects SB2 samples only (due to acetone conc) - none	MS/MSD RPD (50%) above limit (40%)
SO-SB2-01 MSD	MSD	8260	10/25/10 23:20	SW5035	10/25/10	43564	1010167-13AMSD	Carbon disulfide	J to detects SB2 samples only (due to acetone conc) - none	MS/MSD RPD (52%) above limit (40%)
SO-SB2-01 MSD	MSD	8260	10/25/10 23:20	SW5035	10/25/10	43564	1010167-13AMSD	Methylene chloride	J to detects SB2 samples only (due to acetone conc) - none	MS/MSD RPD (51%) above limit (40%)
SO-SB26-02 MSD	MSD	SW6020	10/27/10 12:31	SW3050B	10/26/10	43580	1010167-04A MSD	Barium	J to detects this sample only (since only one in batch)	MS/MSD RPD (40%) above limit (30%)
INSTRUMENT CALIBRATION										
ICV-101022	ICV	8260	10/22/10 10:43	SW5035		43549	ICV-101022	Chloroethane	JH to detects to samples this batch (none)	ICV recovery (135%) above limits (70-130%)
ICV-101022	ICV	8260	10/22/10 10:43	SW5035		43549	ICV-101022	Trichlorofluoromethane	JH to detects to samples this batch (none)	ICV recovery (135%) above limits (70-130%)
INSTRUMENT PERFORMANCE										
SO-SB26-02 SD	SD	SW6020	10/27/10 12:15	SW3050B	10/26/10	43580	1010167-04A SD	Chromium	none (%difference below flagging limit of 30%)	SD %difference (12.0%) above method limit (10%)

TABLE 4

HCEI PHASE II - GROUNDWATER AND SUBSURFACE SOIL SAMPLING

FIELD DUPLICATE SUMMARY

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-01	SO-SB20-01	SW5035	8260	1,1,1-Trichloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,1,2-Trichloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,1-Dichloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,1-Dichloroethene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2,4-Trichlorobenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2-Dibromoethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2-Dichlorobenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2-Dichloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,2-Dichloropropane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,3-Dichlorobenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	1,4-Dichlorobenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	2-Butanone	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	2-Hexanone	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	4-Methyl-2-pentanone	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Acetone	0.0157	U	mg/Kg-dry	0.0165	U	mg/Kg-dry	NA	0.00080	0.1102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Benzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Bromodichloromethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Bromoform	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Bromomethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Carbon disulfide	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Carbon tetrachloride	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Chlorobenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Chloroethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Chloroform	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Chloromethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	cis-1,2-Dichloroethene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-01	SO-SB20-01	SW5035	8260	cis-1,3-Dichloropropene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Cyclohexane	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Dibromochloromethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Dichlorodifluoromethane	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Ethylbenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Isopropylbenzene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	m,p-Xylene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Methyl Acetate	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Methyl tert-butyl ether	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Methylcyclohexane	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Methylene chloride	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	o-Xylene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Styrene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Tetrachloroethene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Toluene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	trans-1,2-Dichloroethene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	trans-1,3-Dichloropropene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Trichloroethene	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Trichlorofluoromethane	0.00523	U	mg/Kg-dry	0.00551	U	mg/Kg-dry	NA	0.00028	0.033	yes
SO-FD-01	SO-SB20-01	SW5035	8260	Vinyl chloride	0.00105	U	mg/Kg-dry	0.0011	U	mg/Kg-dry	NA	0.00005	0.01102	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Acenaphthene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Acenaphthylene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Anthracene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Benzo[a]anthracene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Benzo[a]pyrene	0.037	U	mg/Kg-dry	0.0387	U	mg/Kg-dry	NA	0.00170	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.037	U	mg/Kg-dry	0.0387	U	mg/Kg-dry	NA	0.00170	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Chrysene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Fluoranthene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Fluorene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Naphthalene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Phenanthrene	0.0123	U	mg/Kg-dry	0.0129	U	mg/Kg-dry	NA	0.00060	0.1288	yes
SO-FD-01	SO-SB20-01	SW3550B	SW8270C	Pyrene	0.0247	U	mg/Kg-dry	0.0258	U	mg/Kg-dry	NA	0.00110	0.1288	yes
SO-FD-01	SO-SB20-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	9.07	U	mg/Kg-dry	8.62	U	mg/Kg-dry	NA	0.45000	51.8	yes
SO-FD-01	SO-SB20-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	9.07	U	mg/Kg-dry	8.62	U	mg/Kg-dry	NA	0.45000	51.8	yes
SO-FD-01	SO-SB20-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	9.07	U	mg/Kg-dry	8.62	U	mg/Kg-dry	NA	0.45000	51.8	yes
SO-FD-01	SO-SB20-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	9.07	U	mg/Kg-dry	8.62	U	mg/Kg-dry	NA	0.45000	51.8	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1,1-Trichloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1,2-Trichloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1-Dichloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,1-Dichloroethene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2,4-Trichlorobenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2-Dibromoethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2-Dichlorobenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2-Dichloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,2-Dichloropropane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,3-Dichlorobenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	1,4-Dichlorobenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	2-Butanone	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	2-Hexanone	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	4-Methyl-2-pentanone	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Acetone	0.0195	U	mg/Kg-dry	0.0169	U	mg/Kg-dry	NA	0.00260	0.13	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Benzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Bromodichloromethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Bromoform	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Bromomethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Carbon disulfide	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Carbon tetrachloride	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Chlorobenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Chloroethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Chloroform	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Chloromethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-2	SO-MW1-01	SW5035	8260	cis-1,2-Dichloroethene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	cis-1,3-Dichloropropene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Cyclohexane	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Dibromochloromethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Dichlorodifluoromethane	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Ethylbenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Isopropylbenzene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	m,p-Xylene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Methyl Acetate	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Methyl tert-butyl ether	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Methylcyclohexane	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Methylene chloride	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	o-Xylene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Styrene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Tetrachloroethene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Toluene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	trans-1,2-Dichloroethene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	trans-1,3-Dichloropropene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Trichloroethene	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Trichlorofluoromethane	0.0065	U	mg/Kg-dry	0.00563	U	mg/Kg-dry	NA	0.00087	0.039	yes
SO-FD-2	SO-MW1-01	SW5035	8260	Vinyl chloride	0.0013	U	mg/Kg-dry	0.00113	U	mg/Kg-dry	NA	0.00017	0.013	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Acenaphthene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Acenaphthylene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Anthracene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Benzo[a]anthracene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0346	U	mg/Kg-dry	0.0338	U	mg/Kg-dry	NA	0.00080	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0346	U	mg/Kg-dry	0.0338	U	mg/Kg-dry	NA	0.00080	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Chrysene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Fluoranthene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Fluorene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Naphthalene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Phenanthrene	0.0115	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00020	0.1154	yes
SO-FD-2	SO-MW1-01	SW3550B	SW8270C	Pyrene	0.0231	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00060	0.1154	yes
SO-FD-2	SO-MW1-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	8.46	U	mg/Kg-dry	8.23	U	mg/Kg-dry	NA	0.23000	48.4	yes
SO-FD-2	SO-MW1-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	8.46	U	mg/Kg-dry	8.23	U	mg/Kg-dry	NA	0.23000	48.4	yes
SO-FD-2	SO-MW1-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	8.46	U	mg/Kg-dry	8.23	U	mg/Kg-dry	NA	0.23000	48.4	yes
SO-FD-2	SO-MW1-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	8.46	U	mg/Kg-dry	8.23	U	mg/Kg-dry	NA	0.23000	48.4	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1,1-Trichloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1,2-Trichloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1-Dichloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,1-Dichloroethene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2,4-Trichlorobenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2-Dibromoethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2-Dichlorobenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2-Dichloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,2-Dichloropropane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,3-Dichlorobenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	1,4-Dichlorobenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	2-Butanone	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	2-Hexanone	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	4-Methyl-2-pentanone	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Acetone	0.0154	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00200	0.1028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Benzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Bromodichloromethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Bromoform	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Bromomethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Carbon disulfide	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Carbon tetrachloride	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Chlorobenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Chloroethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Chloroform	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-3	SO-MW3-01	SW5035	8260	Chloromethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	cis-1,2-Dichloroethene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	cis-1,3-Dichloropropene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Cyclohexane	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Dibromochloromethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Dichlorodifluoromethane	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Ethylbenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Isopropylbenzene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	m,p-Xylene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Methyl Acetate	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Methyl tert-butyl ether	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Methylcyclohexane	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Methylene chloride	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	o-Xylene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Styrene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Tetrachloroethene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Toluene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	trans-1,2-Dichloroethene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	trans-1,3-Dichloropropene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Trichloroethene	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Trichlorofluoromethane	0.00514	U	mg/Kg-dry	0.00446	U	mg/Kg-dry	NA	0.00068	0.0308	yes
SO-FD-3	SO-MW3-01	SW5035	8260	Vinyl chloride	0.00103	U	mg/Kg-dry	0.000893	U	mg/Kg-dry	NA	0.00014	0.01028	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Acenaphthene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Acenaphthylene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Anthracene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Benzo[a]anthracene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0345	U	mg/Kg-dry	0.0336	U	mg/Kg-dry	NA	0.00090	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0345	U	mg/Kg-dry	0.0336	U	mg/Kg-dry	NA	0.00090	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Chrysene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Fluoranthene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Fluorene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Naphthalene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Phenanthrene	0.0115	U	mg/Kg-dry	0.0112	U	mg/Kg-dry	NA	0.00030	0.115	yes
SO-FD-3	SO-MW3-01	SW3550B	SW8270C	Pyrene	0.023	U	mg/Kg-dry	0.0224	U	mg/Kg-dry	NA	0.00060	0.115	yes
SO-FD-3	SO-MW3-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	7.39	U	mg/Kg-dry	7.85	U	mg/Kg-dry	NA	0.46000	44.8	yes
SO-FD-3	SO-MW3-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	7.39	U	mg/Kg-dry	7.85	U	mg/Kg-dry	NA	0.46000	44.8	yes
SO-FD-3	SO-MW3-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	7.39	U	mg/Kg-dry	7.85	U	mg/Kg-dry	NA	0.46000	44.8	yes
SO-FD-3	SO-MW3-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	7.39	U	mg/Kg-dry	7.85	U	mg/Kg-dry	NA	0.46000	44.8	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1,1-Trichloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1,2-Trichloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1-Dichloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,1-Dichloroethene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2,4-Trichlorobenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2-Dibromoethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2-Dichlorobenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2-Dichloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,2-Dichloropropane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,3-Dichlorobenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	1,4-Dichlorobenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	2-Butanone	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	2-Hexanone	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	4-Methyl-2-pentanone	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Acetone	0.0168	U	mg/Kg-dry	0.0207	J	mg/Kg-dry	NA	0.00390	0.1122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Benzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Bromodichloromethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Bromoform	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Bromomethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Carbon disulfide	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Carbon tetrachloride	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Chlorobenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Chloroethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-04	SO-SB1-01	SW5035	8260	Chloroform	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Chloromethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	cis-1,2-Dichloroethene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	cis-1,3-Dichloropropene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Cyclohexane	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Dibromochloromethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Dichlorodifluoromethane	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Ethylbenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Isopropylbenzene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	m,p-Xylene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Methyl Acetate	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Methyl tert-butyl ether	0.00913		mg/Kg-dry	0.0129		mg/Kg-dry	34	NA	NA	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Methylcyclohexane	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Methylene chloride	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	o-Xylene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Styrene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Tetrachloroethene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Toluene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	trans-1,2-Dichloroethene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	trans-1,3-Dichloropropene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Trichloroethene	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Trichlorofluoromethane	0.00561	U	mg/Kg-dry	0.00546	U	mg/Kg-dry	NA	0.00015	0.0336	yes
SO-FD-04	SO-SB1-01	SW5035	8260	Vinyl chloride	0.00112	U	mg/Kg-dry	0.00109	U	mg/Kg-dry	NA	0.00003	0.01122	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Acenaphthene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Acenaphthylene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Anthracene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Benzo[a]anthracene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0338	U	mg/Kg-dry	0.0338	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0338	U	mg/Kg-dry	0.0338	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Chrysene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Fluoranthene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Fluorene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Naphthalene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Phenanthrene	0.0113	U	mg/Kg-dry	0.0113	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	SW3550B	SW8270C	Pyrene	0.0225	U	mg/Kg-dry	0.0225	U	mg/Kg-dry	NA	0.00000	0.1126	yes
SO-FD-04	SO-SB1-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	6.76	U	mg/Kg-dry	6.83	U	mg/Kg-dry	NA	0.07000	39	yes
SO-FD-04	SO-SB1-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	6.76	U	mg/Kg-dry	6.83	U	mg/Kg-dry	NA	0.07000	39	yes
SO-FD-04	SO-SB1-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	7.65	J	mg/Kg-dry	6.83	U	mg/Kg-dry	NA	0.82000	39	yes
SO-FD-04	SO-SB1-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	7.65	J	mg/Kg-dry	6.83	U	mg/Kg-dry	NA	0.82000	39	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1,1-Trichloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1,2-Trichloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1-Dichloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,1-Dichloroethene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2,4-Trichlorobenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2-Dibromoethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2-Dichlorobenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2-Dichloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,2-Dichloropropane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,3-Dichlorobenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	1,4-Dichlorobenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	2-Butanone	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	2-Hexanone	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	4-Methyl-2-pentanone	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Acetone	0.016	U	mg/Kg-dry	0.0152	U	mg/Kg-dry	NA	0.00080	0.1066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Benzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Bromodichloromethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Bromoform	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Bromomethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Carbon disulfide	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Carbon tetrachloride	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Chlorobenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-05	SO-SB18-01	SW5035	8260	Chloroethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Chloroform	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Chloromethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	cis-1,2-Dichloroethene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	cis-1,3-Dichloropropene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Cyclohexane	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Dibromochloromethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Dichlorodifluoromethane	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Ethylbenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Isopropylbenzene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	m,p-Xylene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Methyl Acetate	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Methyl tert-butyl ether	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Methylcyclohexane	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Methylene chloride	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	o-Xylene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Styrene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Tetrachloroethene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Toluene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	trans-1,2-Dichloroethene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	trans-1,3-Dichloropropene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Trichloroethene	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Trichlorofluoromethane	0.00533	U	mg/Kg-dry	0.00505	U	mg/Kg-dry	NA	0.00028	0.032	yes
SO-FD-05	SO-SB18-01	SW5035	8260	Vinyl chloride	0.00107	U	mg/Kg-dry	0.00101	U	mg/Kg-dry	NA	0.00006	0.01066	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Acenaphthene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Acenaphthylene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Anthracene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Benzo[a]anthracene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0348	U	mg/Kg-dry	0.0354	U	mg/Kg-dry	NA	0.00060	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0348	U	mg/Kg-dry	0.0354	U	mg/Kg-dry	NA	0.00060	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Chrysene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Fluoranthene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Fluorene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Naphthalene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Phenanthrene	0.0116	U	mg/Kg-dry	0.0118	U	mg/Kg-dry	NA	0.00020	0.1182	yes
SO-FD-05	SO-SB18-01	SW3550B	SW8270C	Pyrene	0.0232	U	mg/Kg-dry	0.0236	U	mg/Kg-dry	NA	0.00040	0.1182	yes
SO-FD-05	SO-SB18-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	6.55	U	mg/Kg-dry	6.77	U	mg/Kg-dry	NA	0.22000	38.6	yes
SO-FD-05	SO-SB18-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	6.55	U	mg/Kg-dry	6.77	U	mg/Kg-dry	NA	0.22000	38.6	yes
SO-FD-05	SO-SB18-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	6.55	U	mg/Kg-dry	6.77	U	mg/Kg-dry	NA	0.22000	38.6	yes
SO-FD-05	SO-SB18-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	6.55	U	mg/Kg-dry	6.77	U	mg/Kg-dry	NA	0.22000	38.6	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1,1-Trichloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1,2-Trichloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1-Dichloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,1-Dichloroethene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2,4-Trichlorobenzene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2-Dibromoethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2-Dichlorobenzene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2-Dichloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,2-Dichloropropane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,3-Dichlorobenzene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	1,4-Dichlorobenzene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	2-Butanone	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	2-Hexanone	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	4-Methyl-2-pentanone	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Acetone	0.0615		mg/Kg-dry	0.0155	U	mg/Kg-dry	NA	0.04600	0.1036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Benzene	0.000992	U	mg/Kg-dry	0.0011	J	mg/Kg-dry	NA	0.00011	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Bromodichloromethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Bromoform	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Bromomethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Carbon disulfide	0.00249	J	mg/Kg-dry	0.00284	J	mg/Kg-dry	NA	0.00035	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Carbon tetrachloride	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-6	SO-SB5-01	SW5035	8260	Chlorobenzene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Chloroethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Chloroform	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Chloromethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	cis-1,2-Dichloroethene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	cis-1,3-Dichloropropene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Cyclohexane	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Dibromochloromethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Dichlorodifluoromethane	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Ethylbenzene	0.00271	J	mg/Kg-dry	0.433		mg/Kg-dry	198	NA	NA	NO
SO-FD-6	SO-SB5-01	SW5035	8260	Isopropylbenzene	0.00302	J	mg/Kg-dry	0.329		mg/Kg-dry	196	NA	NA	NO
SO-FD-6	SO-SB5-01	SW5035	8260	m,p-Xylene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Methyl Acetate	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Methyl tert-butyl ether	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Methylcyclohexane	0.00496	U	mg/Kg-dry	2.3		mg/Kg-dry	199	NA	NA	NO
SO-FD-6	SO-SB5-01	SW5035	8260	Methylene chloride	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	o-Xylene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Styrene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Tetrachloroethene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Toluene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	trans-1,2-Dichloroethene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	trans-1,3-Dichloropropene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Trichloroethene	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Trichlorofluoromethane	0.00496	U	mg/Kg-dry	0.00518	U	mg/Kg-dry	NA	0.00022	0.031	yes
SO-FD-6	SO-SB5-01	SW5035	8260	Vinyl chloride	0.000992	U	mg/Kg-dry	0.00104	U	mg/Kg-dry	NA	0.00005	0.01036	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Acenaphthene	0.0236	U	mg/Kg-dry	0.145		mg/Kg-dry	144	NA	NA	NO
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Acenaphthylene	0.0118	U	mg/Kg-dry	0.0117	U	mg/Kg-dry	NA	0.00010	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Anthracene	0.0118	U	mg/Kg-dry	0.0132	J	mg/Kg-dry	NA	0.00140	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Benzo[a]anthracene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0354	U	mg/Kg-dry	0.0351	U	mg/Kg-dry	NA	0.00030	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0354	U	mg/Kg-dry	0.0351	U	mg/Kg-dry	NA	0.00030	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Chrysene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Fluoranthene	0.0118	U	mg/Kg-dry	0.0129	J	mg/Kg-dry	NA	0.00110	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Fluorene	0.0118	U	mg/Kg-dry	0.0758		mg/Kg-dry	146	NA	NA	NO
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0118	U	mg/Kg-dry	0.0117	U	mg/Kg-dry	NA	0.00010	0.118	yes
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Naphthalene	0.0356	J	mg/Kg-dry	0.273		mg/Kg-dry	154	NA	NA	NO
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Phenanthrene	0.0281	J	mg/Kg-dry	0.104		mg/Kg-dry	115	NA	NA	NO
SO-FD-6	SO-SB5-01	SW3550B	SW8270C	Pyrene	0.0236	U	mg/Kg-dry	0.0234	U	mg/Kg-dry	NA	0.00020	0.118	yes
SO-FD-6	SO-SB5-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	8.24	U	mg/Kg-dry	10.1	U	mg/Kg-dry	NA	1.86000	57.8	yes
SO-FD-6	SO-SB5-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	8.24	U	mg/Kg-dry	10.1	U	mg/Kg-dry	NA	1.86000	57.8	yes
SO-FD-6	SO-SB5-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	8.24	U	mg/Kg-dry	10.1	U	mg/Kg-dry	NA	1.86000	57.8	yes
SO-FD-6	SO-SB5-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	8.24	U	mg/Kg-dry	10.1	U	mg/Kg-dry	NA	1.86000	57.8	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1,1-Trichloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1,2,2-Tetrachloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1,2-Trichloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1,2-Trichlorotrifluoroethane	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1-Dichloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,1-Dichloroethene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2,4-Trichlorobenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2-Dibromo-3-chloropropane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2-Dibromoethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2-Dichlorobenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2-Dichloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,2-Dichloropropane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,3-Dichlorobenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	1,4-Dichlorobenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	2-Butanone	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	2-Hexanone	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	4-Methyl-2-pentanone	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Acetone	0.0386	J	mg/Kg-dry	0.0357	J	mg/Kg-dry	NA	0.00290	0.1468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Benzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Bromodichloromethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Bromoform	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Bromomethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Carbon disulfide	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-7	SO-SB40-01	SW5035	8260	Carbon tetrachloride	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Chlorobenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Chloroethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Chloroform	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Chloromethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	cis-1,2-Dichloroethene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	cis-1,3-Dichloropropene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Cyclohexane	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Dibromochloromethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Dichlorodifluoromethane	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Ethylbenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Isopropylbenzene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	m,p-Xylene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Methyl Acetate	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Methyl tert-butyl ether	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Methylcyclohexane	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Methylene chloride	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	o-Xylene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Styrene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Tetrachloroethene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Toluene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	trans-1,2-Dichloroethene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	trans-1,3-Dichloropropene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Trichloroethene	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Trichlorofluoromethane	0.00734	U	mg/Kg-dry	0.00697	U	mg/Kg-dry	NA	0.00037	0.044	yes
SO-FD-7	SO-SB40-01	SW5035	8260	Vinyl chloride	0.00147	U	mg/Kg-dry	0.00139	U	mg/Kg-dry	NA	0.00008	0.01468	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Acenaphthene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Acenaphthylene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Anthracene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Benzo[a]anthracene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Benzo[a]pyrene	0.0435	U	mg/Kg-dry	0.0403	U	mg/Kg-dry	NA	0.00320	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Benzo[b]fluoranthene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Benzo[g,h,i]perylene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Benzo[k]fluoranthene	0.0435	U	mg/Kg-dry	0.0403	U	mg/Kg-dry	NA	0.00320	0.145	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Chrysene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Dibenz[a,h]anthracene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Fluoranthene	0.0189	J	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00550	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Fluorene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Indeno[1,2,3-cd]pyrene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Naphthalene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Phenanthrene	0.0145	U	mg/Kg-dry	0.0134	U	mg/Kg-dry	NA	0.00110	0.145	yes
SO-FD-7	SO-SB40-01	SW3550B	SW8270C	Pyrene	0.029	U	mg/Kg-dry	0.0269	U	mg/Kg-dry	NA	0.00210	0.145	yes
SO-FD-7	SO-SB40-01	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	10.9	U	mg/Kg-dry	10.7	U	mg/Kg-dry	NA	0.20000	62.4	yes
SO-FD-7	SO-SB40-01	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	10.9	U	mg/Kg-dry	10.7	U	mg/Kg-dry	NA	0.20000	62.4	yes
SO-FD-7	SO-SB40-01	METHOD	TX1005	T/R Hydrocarbons: C6-C12	10.9	U	mg/Kg-dry	10.7	U	mg/Kg-dry	NA	0.20000	62.4	yes
SO-FD-7	SO-SB40-01	METHOD	TX1005	T/R Hydrocarbons: C6-C35	10.9	U	mg/Kg-dry	10.7	U	mg/Kg-dry	NA	0.20000	62.4	yes
GW-DUP-1	GW-08	5030	8260	1,1,1-Trichloroethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,1,2,2-Tetrachloroethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,1,2-Trichloroethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,1,2-Trichlorotrifluoroethane	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	1,1-Dichloroethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,1-Dichloroethene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,2,4-Trichlorobenzene	0.0015	U	mg/L	0.0015	U	mg/L	NA	0.00000	0.01	yes
GW-DUP-1	GW-08	5030	8260	1,2-Dibromo-3-chloropropane	0.003	U	mg/L	0.003	U	mg/L	NA	0.00000	0.02	yes
GW-DUP-1	GW-08	5030	8260	1,2-Dibromoethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,2-Dichlorobenzene	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,2-Dichloroethane	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,2-Dichloropropane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,3-Dichlorobenzene	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	1,4-Dichlorobenzene	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	2-Butanone	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	2-Hexanone	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	4-Methyl-2-pentanone	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	Acetone	0.0334		mg/L	0.0349		mg/L	4.4	NA	NA	yes
GW-DUP-1	GW-08	5030	8260	Benzene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Bromodichloromethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Bromoform	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Bromomethane	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
GW-DUP-1	GW-08	5030	8260	Carbon disulfide	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	Carbon tetrachloride	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Chlorobenzene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Chloroethane	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Chloroform	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Chloromethane	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	cis-1,2-Dichloroethene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	cis-1,3-Dichloropropene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Cyclohexane	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	Dibromochloromethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Dichlorodifluoromethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Ethylbenzene	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Isopropylbenzene	0.0043		mg/L	0.00418		mg/L	2.8	NA	NA	yes
GW-DUP-1	GW-08	5030	8260	m,p-Xylene	0.0006	U	mg/L	0.0006	U	mg/L	NA	0.00000	0.004	yes
GW-DUP-1	GW-08	5030	8260	Methyl Acetate	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	Methyl tert-butyl ether	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Methylcyclohexane	0.005	U	mg/L	0.005	U	mg/L	NA	0.00000	0.03	yes
GW-DUP-1	GW-08	5030	8260	Methylene chloride	0.0025	U	mg/L	0.0025	U	mg/L	NA	0.00000	0.005	yes
GW-DUP-1	GW-08	5030	8260	o-Xylene	0.0003	U	mg/L	0.0003	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Styrene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Tetrachloroethene	0.0006	U	mg/L	0.0006	U	mg/L	NA	0.00000	0.004	yes
GW-DUP-1	GW-08	5030	8260	Toluene	0.0006	U	mg/L	0.0006	U	mg/L	NA	0.00000	0.004	yes
GW-DUP-1	GW-08	5030	8260	trans-1,2-Dichloroethene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	trans-1,3-Dichloropropene	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Trichloroethene	0.0006	U	mg/L	0.0006	U	mg/L	NA	0.00000	0.004	yes
GW-DUP-1	GW-08	5030	8260	Trichlorofluoromethane	0.0002	U	mg/L	0.0002	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	5030	8260	Vinyl chloride	0.0001	U	mg/L	0.0001	U	mg/L	NA	0.00000	0.002	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Acenaphthene	0.000237		mg/L	0.0002		mg/L	17	NA	NA	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Acenaphthylene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Anthracene	0.00003	J	mg/L	0.0000262	J	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Benzo[a]anthracene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Benzo[a]pyrene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Benzo[b]fluoranthene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Benzo[g,h,i]perylene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes

FIELD DUPLICATE	ORIGINAL SAMPLE	PREP METHOD	ANALYSIS METHOD	ANALYTE	FIELD DUPLICATE LABORATORY RESULT			ORIGINAL SAMPLE LABORATORY RESULT			RPD	DIFFER-ENCE	2xMQL	PASS
GW-DUP-1	GW-08	SW3510C	SW8270C	Benzo[k]fluoranthene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Chrysene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Dibenz[a,h]anthracene	0.000005	U	mg/L	0.000005	U	mg/L	NA	0.00000	0.00002	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Fluoranthene	0.0000364	J	mg/L	0.0000357	J	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Fluorene	0.000025	U	mg/L	0.0000522		mg/L	NA	0.00003	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Indeno[1,2,3-cd]pyrene	0.000025	U	mg/L	0.000025	U	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Naphthalene	0.000381		mg/L	0.000301		mg/L	24	NA	NA	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Phenanthrene	0.0000535		mg/L	0.0000382	J	mg/L	NA	0.00002	0.0001	yes
GW-DUP-1	GW-08	SW3510C	SW8270C	Pyrene	0.0000437	J	mg/L	0.0000418	J	mg/L	NA	0.00000	0.0001	yes
GW-DUP-1	GW-08	METHOD	TX1005	T/R Hydrocarbons: >C12-C28	0.686	U	mg/L	0.697	U	mg/L	NA	0.01100	3.98	yes
GW-DUP-1	GW-08	METHOD	TX1005	T/R Hydrocarbons: >C28-C35	0.686	U	mg/L	0.697	U	mg/L	NA	0.01100	3.98	yes
GW-DUP-1	GW-08	METHOD	TX1005	T/R Hydrocarbons: C6-C12	0.686	U	mg/L	0.697	U	mg/L	NA	0.01100	3.98	yes
GW-DUP-1	GW-08	METHOD	TX1005	T/R Hydrocarbons: C6-C35	0.686	U	mg/L	0.697	U	mg/L	NA	0.01100	3.98	yes

ATTACHMENT A

LABORATORY NELAP ACCREDITATION CERTIFICATE

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate: T104704211-10-3
Expiration Date: 4/30/2011
Issue Date: 6/2/2010

DHL Analytical Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

These fields of accreditation supercedeall previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: ***Non Potable Water***

Method EPA 1010

Analyte	AB	Analyte ID	Method ID
Ignitability	TX	1780	10116606

Method EPA 120.1

Analyte	AB	Analyte ID	Method ID
Conductivity	TX	1610	10006403

Method EPA 1311

Analyte	AB	Analyte ID	Method ID
TCLP	TX	849	10118806

Method EPA 1312

Analyte	AB	Analyte ID	Method ID
SPLP	TX	850	10119003

Method EPA 150.1

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	10008409

Method EPA 160.1

Analyte	AB	Analyte ID	Method ID
Residue-filterable (TDS)	TX	1955	10009208

Method EPA 160.2

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	10009606

Method EPA 180.1

Analyte	AB	Analyte ID	Method ID
Turbidity	TX	2055	10011606

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Boron	TX	1025	10014605

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Cadmium	TX	1030	10014605
Calcium	TX	1035	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Iron	TX	1070	10014605
Lead	TX	1075	10014605
Magnesium	TX	1085	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Potassium	TX	1125	10014605
Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Sodium	TX	1155	10014605
Strontium	TX	1160	10014605
Thallium	TX	1165	10014605
Tin	TX	1175	10014605
Titanium	TX	1180	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 245.1

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10036609

Method EPA 300.0

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053006
Chloride	TX	1575	10053006
Fluoride	TX	1730	10053006
Nitrate as N	TX	1810	10053006
Nitrate-nitrite	TX	1820	10053006

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Matrix: ***Non Potable Water***

Nitrite as N	TX	1840	10053006
Sulfate	TX	2000	10053006

Method EPA 305.1

Analyte	AB	Analyte ID	Method ID
Acidity, as CaCO3	TX	1500	10054203

Method EPA 310.1

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	10054805

Method EPA 335.1

Analyte	AB	Analyte ID	Method ID
Amenable cyanide	TX	1510	10060001

Method EPA 335.2

Analyte	AB	Analyte ID	Method ID
Total cyanide	TX	1645	10060205

Method EPA 365.2

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	10070403
Phosphorus, total	TX	1910	10070403

Method EPA 370.1

Analyte	AB	Analyte ID	Method ID
Silica-dissolved	TX	1995	10072001

Method EPA 376.2

Analyte	AB	Analyte ID	Method ID
Sulfide	TX	2005	10074609

Method EPA 415.1

Analyte	AB	Analyte ID	Method ID
Total organic carbon	TX	2040	10078407

Method EPA 602

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10102202
Ethylbenzene	TX	4765	10102202
m+p-xylene	TX	5240	10102202

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Matrix: ***Non Potable Water***

Methyl tert-butyl ether (MTBE)	TX	5000	10102202
o-Xylene	TX	5250	10102202
Toluene	TX	5140	10102202
Xylene (total)	TX	5260	10102202

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204
Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204
Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204
Strontium	TX	1160	10156204
Thallium	TX	1165	10156204
Tin	TX	1175	10156204
Titanium	TX	1180	10156204

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Matrix: ***Non Potable Water***

Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 608

Analyte	AB	Analyte ID	Method ID
4,4'-DDD	TX	7355	10103603
4,4'-DDE	TX	7360	10103603
4,4'-DDT	TX	7365	10103603
Aldrin	TX	7025	10103603
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10103603
alpha-Chlordane	TX	7240	10103603
Aroclor-1016 (PCB-1016)	TX	8880	10103603
Aroclor-1221 (PCB-1221)	TX	8885	10103603
Aroclor-1232 (PCB-1232)	TX	8890	10103603
Aroclor-1242 (PCB-1242)	TX	8895	10103603
Aroclor-1248 (PCB-1248)	TX	8900	10103603
Aroclor-1254 (PCB-1254)	TX	8905	10103603
Aroclor-1260 (PCB-1260)	TX	8910	10103603
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10103603
Chlordane (tech.)	TX	7250	10103603
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10103603
Dieldrin	TX	7470	10103603
Endosulfan I	TX	7510	10103603
Endosulfan II	TX	7515	10103603
Endosulfan sulfate	TX	7520	10103603
Endrin	TX	7540	10103603
Endrin aldehyde	TX	7530	10103603
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10103603
gamma-Chlordane	TX	7245	10103603
Heptachlor	TX	7685	10103603
Heptachlor epoxide	TX	7690	10103603
Methoxychlor	TX	7810	10103603

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Matrix: ***Non Potable Water***

Toxaphene (Chlorinated camphene)	TX	8250	10103603

Method EPA 624

Analyte	AB	Analyte ID	Method ID
1,1,1-Trichloroethane	TX	5160	10107207
1,1,2,2-Tetrachloroethane	TX	5110	10107207
1,1,2-Trichloroethane	TX	5165	10107207
1,1-Dichloroethane	TX	4630	10107207
1,1-Dichloroethylene (1,1-Dichloroethene)	TX	4640	10107207
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10107207
1,2-Dichlorobenzene	TX	4610	10107207
1,2-Dichloroethane	TX	4635	10107207
1,2-Dichloropropane	TX	4655	10107207
1,3-Dichlorobenzene	TX	4615	10107207
1,4-Dichlorobenzene	TX	4620	10107207
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10107207
2-Chloroethyl vinyl ether	TX	4500	10107207
Acetone	TX	4315	10107207
Acrolein (Propenal)	TX	4325	10107207
Acrylonitrile	TX	4340	10107207
Benzene	TX	4375	10107207
Bromodichloromethane	TX	4395	10107207
Bromoform	TX	4400	10107207
Bromomethane (Methyl bromide)	TX	4950	10107207
Carbon tetrachloride	TX	4455	10107207
Chlorobenzene	TX	4475	10107207
Chloroethane	TX	4485	10107207
Chloroform	TX	4505	10107207
Chloromethane (Methyl chloride)	TX	4960	10107207
cis-1,2-Dichloroethylene	TX	4645	10107207
cis-1,3-Dichloropropylene	TX	4680	10107207
Dibromochloromethane	TX	4575	10107207

Texas Commission on Environmental Quality

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Matrix: ***Non Potable Water***

Ethylbenzene	TX	4765	10107207
m+p-xylene	TX	5240	10107207
Methyl tert-butyl ether (MTBE)	TX	5000	10107207
Methylene chloride	TX	4975	10107207
Naphthalene	TX	5005	10107207
o-Xylene	TX	5250	10107207
Tetrachloroethylene (Perchloroethylene)	TX	5115	10107207
Toluene	TX	5140	10107207
Total trihalomethanes	TX	5205	10107207
trans-1,2-Dichloroethylene	TX	4700	10107207
trans-1,3-Dichloropropylene	TX	4685	10107207
Trichloroethene (Trichloroethylene)	TX	5170	10107207
Trichlorofluoromethane	TX	5175	10107207
Vinyl chloride	TX	5235	10107207
Xylene (total)	TX	5260	10107207

Method EPA 625

Analyte	**AB**	**Analyte ID**	**Method ID**
1,2,4,5-Tetrachlorobenzene	TX	6715	10107401
1,2,4-Trichlorobenzene	TX	5155	10107401
1,2-Dichlorobenzene	TX	4610	10107401
1,2-Diphenylhydrazine	TX	6220	10107401
1,3-Dichlorobenzene	TX	4615	10107401
1,4-Dichlorobenzene	TX	4620	10107401
2,3,4,6-Tetrachlorophenol	TX	6735	10107401
2,4,5-Trichlorophenol	TX	6835	10107401
2,4,6-Trichlorophenol	TX	6840	10107401
2,4-Dichlorophenol	TX	6000	10107401
2,4-Dimethylphenol	TX	6130	10107401
2,4-Dinitrophenol	TX	6175	10107401
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10107401
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10107401

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Expiration Date:	**4/30/2011**
Issue Date:	**6/2/2010**

DHL Analytical Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

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Matrix: *Non Potable Water*

2-Chloronaphthalene	TX	5795	10107401
2-Chlorophenol	TX	5800	10107401
2-Methyl-4,6-dinitrophenol	TX	6360	10107401
2-Methylphenol (o-Cresol)	TX	6400	10107401
2-Nitrophenol	TX	6490	10107401
3,3'-Dichlorobenzidine	TX	5945	10107401
4,4'-DDD	TX	7355	10107401
4,4'-DDE	TX	7360	10107401
4,4'-DDT	TX	7365	10107401
4-Bromophenyl phenyl ether	TX	5660	10107401
4-Chloro-3-methylphenol	TX	5700	10107401
4-Chlorophenyl phenylether	TX	5825	10107401
4-Methylphenol (p-Cresol)	TX	6410	10107401
4-Nitrophenol	TX	6500	10107401
Acenaphthene	TX	5500	10107401
Acenaphthylene	TX	5505	10107401
Aldrin	TX	7025	10107401
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10107401
alpha-Chlordane	TX	7240	10107401
Anthracene	TX	5555	10107401
Aroclor-1016 (PCB-1016)	TX	8880	10107401
Aroclor-1221 (PCB-1221)	TX	8885	10107401
Aroclor-1232 (PCB-1232)	TX	8890	10107401
Aroclor-1242 (PCB-1242)	TX	8895	10107401
Aroclor-1248 (PCB-1248)	TX	8900	10107401
Aroclor-1254 (PCB-1254)	TX	8905	10107401
Aroclor-1260 (PCB-1260)	TX	8910	10107401
Benzidine	TX	5595	10107401
Benzo(a)anthracene	TX	5575	10107401
Benzo(a)pyrene	TX	5580	10107401

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Matrix: ***Non Potable Water***

Benzo(b)fluoranthene	TX	5585	10107401
Benzo(g,h,i)perylene	TX	5590	10107401
Benzo(k)fluoranthene	TX	5600	10107401
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10107401
bis(2-Chloroethoxy)methane	TX	5760	10107401
bis(2-Chloroethyl) ether	TX	5765	10107401
bis(2-Chloroisopropyl) ether	TX	5780	10107401
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10107401
Butyl benzyl phthalate	TX	5670	10107401
Chrysene	TX	5855	10107401
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10107401
Dibenz(a,h) anthracene	TX	5895	10107401
Dieldrin	TX	7470	10107401
Diethyl phthalate	TX	6070	10107401
Dimethyl phthalate	TX	6135	10107401
Di-n-butyl phthalate	TX	5925	10107401
Di-n-octyl phthalate	TX	6200	10107401
Endosulfan I	TX	7510	10107401
Endosulfan II	TX	7515	10107401
Endosulfan sulfate	TX	7520	10107401
Endrin	TX	7540	10107401
Endrin aldehyde	TX	7530	10107401
Fluoranthene	TX	6265	10107401
Fluorene	TX	6270	10107401
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10107401
gamma-Chlordane	TX	7245	10107401
Heptachlor	TX	7685	10107401
Heptachlor epoxide	TX	7690	10107401
Hexachlorobenzene	TX	6275	10107401
Hexachlorobutadiene	TX	4835	10107401

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Matrix: ***Non Potable Water***

Hexachlorocyclopentadiene	TX	6285	10107401
Hexachloroethane	TX	4840	10107401
Indeno(1,2,3-cd) pyrene	TX	6315	10107401
Isophorone	TX	6320	10107401
Naphthalene	TX	5005	10107401
Nitrobenzene	TX	5015	10107401
n-Nitrosodiethylamine	TX	6525	10107401
n-Nitrosodimethylamine	TX	6530	10107401
n-Nitroso-di-n-butylamine	TX	5025	10107401
n-Nitrosodi-n-propylamine	TX	6545	10107401
n-Nitrosodiphenylamine	TX	6535	10107401
Pentachlorobenzene	TX	6590	10107401
Pentachlorophenol	TX	6605	10107401
Phenanthrene	TX	6615	10107401
Phenol	TX	6625	10107401
Pyrene	TX	6665	10107401
Pyridine	TX	5095	10107401
Toxaphene (Chlorinated camphene)	TX	8250	10107401

Method EPA 7196

Analyte	**AB**	**Analyte ID**	**Method ID**
Chromium VI	TX	1045	10162400

Method EPA 7470

Analyte	**AB**	**Analyte ID**	**Method ID**
Mercury	TX	1095	10165807

Method EPA 8011

Analyte	**AB**	**Analyte ID**	**Method ID**
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10173009

Method EPA 8015

Analyte	**AB**	**Analyte ID**	**Method ID**
Diesel range organics (DRO)	TX	9369	10173203
Ethylene glycol	TX	4785	10173203

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Matrix: ***Non Potable Water***

Gasoline range organics (GRO)	TX	9408	10173203
Propylene Glycol	TX	6657	10173203

Method EPA 8021

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10174808
Ethylbenzene	TX	4765	10174808
m+p-xylene	TX	5240	10174808
Methyl tert-butyl ether (MTBE)	TX	5000	10174808
o-Xylene	TX	5250	10174808
Toluene	TX	5140	10174808
Xylene (total)	TX	5260	10174808

Method EPA 8081

Analyte	AB	Analyte ID	Method ID
4,4'-DDD	TX	7355	10178606
4,4'-DDE	TX	7360	10178606
4,4'-DDT	TX	7365	10178606
Aldrin	TX	7025	10178606
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10178606
alpha-Chlordane	TX	7240	10178606
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10178606
Chlordane (tech.)	TX	7250	10178606
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10178606
Dieldrin	TX	7470	10178606
Endosulfan I	TX	7510	10178606
Endosulfan II	TX	7515	10178606
Endosulfan sulfate	TX	7520	10178606
Endrin	TX	7540	10178606
Endrin aldehyde	TX	7530	10178606
Endrin ketone	TX	7535	10178606
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10178606
gamma-Chlordane	TX	7245	10178606

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Matrix: ***Non Potable Water***

Heptachlor	TX	7685	10178606
Heptachlor epoxide	TX	7690	10178606
Isodrin	TX	7725	10178606
Methoxychlor	TX	7810	10178606
Toxaphene (Chlorinated camphene)	TX	8250	10178606

Method EPA 8082

Analyte	AB	Analyte ID	Method ID
Aroclor-1016 (PCB-1016)	TX	8880	10179007
Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007
PCBs	TX	8870	10179007

Method EPA 8260

Analyte	AB	Analyte ID	Method ID
1,1,1,2-Tetrachloroethane	TX	5105	10184802
1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloroethane	TX	5165	10184802
1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene (1,1-Dichloroethene)	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802
1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802

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Matrix: *Non Potable Water*

1,2-Dichloroethane	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1-Chlorohexane	TX	4510	10184802
2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone	TX	4860	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene	TX	4915	10184802
4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone	TX	4315	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Benzene	TX	4375	10184802
Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802
Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Bromomethane (Methyl bromide)	TX	4950	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chloroethane	TX	4485	10184802
Chloroform	TX	4505	10184802
Chloromethane (Methyl chloride)	TX	4960	10184802

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Matrix: *Non Potable Water*

cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropylene	TX	4680	10184802
Dibromochloromethane	TX	4575	10184802
Dibromomethane	TX	4595	10184802
Dichlorodifluoromethane	TX	4625	10184802
Ethylbenzene	TX	4765	10184802
Ethyl-t-butylether (ETBE)	TX	4770	10184802
Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802
Isopropyl ether	TX	4905	10184802
Isopropylbenzene	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methyl acetate	TX	4940	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802
Methylcyclohexane	TX	4965	10184802
Methylene chloride	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
sec-Butylbenzene	TX	4440	10184802
Styrene	TX	5100	10184802
T-amylmethylether (TAME)	TX	4370	10184802
tert-Butyl alcohol	TX	4420	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
Total trihalomethanes	TX	5205	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802

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Matrix: ***Non Potable Water***

trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane	TX	5175	10184802
Trichlorotrifluoroethane	TX	5185	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

Method EPA 8270

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
1-Naphthylamine	TX	6425	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805
2,4,5-Trichlorophenol	TX	6835	10185805
2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805
2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol	TX	6360	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Naphthylamine	TX	6430	10185805

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Matrix: *Non Potable Water*

2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
2-Picoline (2-Methylpyridine)	TX	5050	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Nitroaniline	TX	6465	10185805
4,4'-DDD	TX	7355	10185805
4,4'-DDE	TX	7360	10186002
4,4'-DDT	TX	7365	10185805
4-Aminobiphenyl	TX	5540	10185805
4-Bromophenyl phenyl ether	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805
4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Dimethyl aminoazobenzene	TX	6105	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805
4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
a-a-Dimethylphenethylamine	TX	6125	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805
Acetophenone	TX	5510	10185805
Aldrin	TX	7025	10186002
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10186002
alpha-Chlordane	TX	7240	10185601
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Aroclor-1016 (PCB-1016)	TX	8880	10186002
Aroclor-1221 (PCB-1221)	TX	8885	10185203

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Matrix: ***Non Potable Water***

Aroclor-1232 (PCB-1232)	TX	8890	10185407
Aroclor-1242 (PCB-1242)	TX	8895	10185203
Aroclor-1248 (PCB-1248)	TX	8900	10186002
Aroclor-1254 (PCB-1254)	TX	8905	10185601
Aroclor-1260 (PCB-1260)	TX	8910	10185203
Atrazine	TX	7065	10185805
Azinphos-methyl (Guthion)	TX	7075	10185805
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(e)pyrene	TX	5605	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10185203
Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10185805
Butyl benzyl phthalate	TX	5670	10185805
Caprolactam	TX	7180	10185805
Carbaryl (Sevin)	TX	7195	10185407
Carbazole	TX	5680	10185805
Carbophenothion	TX	7220	10185407
Chlordane (tech.)	TX	7250	10185203
Chlorfenvinphos	TX	7255	10185805
Chrysene	TX	5855	10185805

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Matrix: *Non Potable Water*

Coumaphos	TX	7315	10186002
Crotoxyphos	TX	7330	10185407
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10185805
Demeton	TX	7390	10185407
Demeton-o	TX	7395	10185203
Demeton-s	TX	7385	10185601
Dibenz(a,h) anthracene	TX	5895	10185805
Dibenzofuran	TX	5905	10185805
Dichlorovos (DDVP, Dichlorvos)	TX	8610	10186002
Dicrotophos	TX	7465	10185407
Dieldrin	TX	7470	10186002
Diethyl phthalate	TX	6070	10185805
Dimethoate	TX	7475	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Dioxathion	TX	7495	10185203
Diphenylamine	TX	6205	10185805
Disulfoton	TX	8625	10185601
Endosulfan I	TX	7510	10185805
Endosulfan II	TX	7515	10185203
Endosulfan sulfate	TX	7520	10185601
Endrin	TX	7540	10185203
Endrin aldehyde	TX	7530	10185805
Endrin ketone	TX	7535	10186002
EPN	TX	7550	10186002
Ethion	TX	7565	10185805
Ethyl methanesulfonate	TX	6260	10185805
Famphur	TX	7580	10185407
Fensulfothion	TX	7600	10185203

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Matrix: ***Non Potable Water***

Fenthion	TX	7605	10186002
Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10185203
gamma-Chlordane	TX	7245	10185203
Heptachlor	TX	7685	10185601
Heptachlor epoxide	TX	7690	10185805
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachlorophene	TX	6290	10185805
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isodrin	TX	7725	10185407
Isophorone	TX	6320	10185805
Leptophos	TX	7755	10186002
Malathion	TX	7770	10186002
Methoxychlor	TX	7810	10185601
Methyl methanesulfonate	TX	6375	10185805
Mevinphos	TX	7850	10186002
Monocrotophos	TX	7880	10185203
Naled	TX	7905	10185203
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805
n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitroso-di-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
n-Nitrosopiperidine	TX	6560	10185805

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Matrix: ***Non Potable Water***

Parathion, ethyl	TX	7955	10185805
Parathion, methyl (Methyl parathion)	TX	7825	10185203
Pentachlorobenzene	TX	6590	10185805
Pentachloronitrobenzene	TX	6600	10185805
Pentachlorophenol	TX	6605	10185805
Phenacetin	TX	6610	10185805
Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Phorate	TX	7985	10186002
Phosmet (Imidan)	TX	8000	10186002
Phosphamidon	TX	8005	10185805
Pronamide (Kerb)	TX	6650	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805
Quinoline	TX	6670	10185805
Stirophos (Tetrachlorvinphos)	TX	8200	10186002
Sulfotepp	TX	8155	10186002
Terbufos	TX	8185	10185805
Tetraethyl pyrophosphate (TEPP)	TX	8210	10185407
Toxaphene (Chlorinated camphene)	TX	8250	10185203

Method EPA 8321

Analyte	**AB**	**Analyte ID**	**Method ID**
2,4,5-T	TX	8655	10188804
2,4-D	TX	8545	10188804
2,4-DB	TX	8560	10188804
Dalapon	TX	8555	10188804
Dicamba	TX	8595	10188804
Dichloroprop (Dichlorprop)	TX	8605	10188804
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	TX	8620	10188804
MCPA	TX	7775	10188804
MCPP	TX	7780	10188804

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Matrix: ***Non Potable Water***

Silvex (2,4,5-TP)	TX	8650	10188804

Method EPA 8330

Analyte	AB	Analyte ID	Method ID
1,3,5-Trinitrobenzene (1,3,5-TNB)	TX	6885	10189807
1,3-Dinitrobenzene (1,3-DNB)	TX	6160	10189807
2,4,6-Trinitrotoluene (2,4,6-TNT)	TX	9651	10189807
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10189807
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10189807
2-Amino-4,6-dinitrotoluene (2-am-dnt)	TX	9303	10189807
2-Nitrotoluene	TX	9507	10189807
3-Nitrotoluene	TX	9510	10189807
4-Amino-2,6-dinitrotoluene (4-am-dnt)	TX	9306	10189807
4-Nitrotoluene	TX	9513	10189807
Nitrobenzene	TX	5015	10189807
Nitroglycerin	TX	6485	10189807
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	TX	9522	10189807
Pentaerythritoltetranitrate	TX	9558	10189807
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	TX	9432	10189807
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	TX	9633	10189807

Method EPA 9014

Analyte	AB	Analyte ID	Method ID
Amenable cyanide	TX	1510	10193803
Total Cyanide	TX	1635	10193803

Method EPA 9040

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	10197203

Method EPA 9056

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Fluoride	TX	1730	10199209

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Matrix: ***Non Potable Water***

Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method EPA 9060

Analyte	**AB**	**Analyte ID**	**Method ID**
Total organic carbon	TX	2040	10200201

Method RSK 175

Analyte	**AB**	**Analyte ID**	**Method ID**
Carbon dioxide	TX	3755	RSK 175
Ethane	TX	4747	RSK 175
Ethylene	TX	4752	RSK 175
Methane	TX	4926	RSK 175

Method SM 2130 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Turbidity	TX	2055	20002408

Method SM 2310 B (4a)

Analyte	**AB**	**Analyte ID**	**Method ID**
Acidity, as CaCO3	TX	1500	20002806

Method SM 2320 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Alkalinity as CaCO3	TX	1505	20003003

Method SM 2340 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Total hardness as CaCO3	TX	1755	20003401

Method SM 2510 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	20003809

Method SM 2540 C

Analyte	**AB**	**Analyte ID**	**Method ID**
Residue-filterable (TDS)	TX	1955	20004404

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Matrix: ***Non Potable Water***

Method SM 2540 D

Analyte	AB	Analyte ID	Method ID
Residue-nonfilterable (TSS)	TX	1960	20004802

Method SM 3500 Cr D

Analyte	AB	Analyte ID	Method ID
Chromium	TX	1040	20009001

Method SM 4500 CN E

Analyte	AB	Analyte ID	Method ID
Total Cyanide	TX	1635	20021209

Method SM 4500 CN G

Analyte	AB	Analyte ID	Method ID
Amenable cyanide	TX	1510	20021607

Method SM 4500 H+ B

Analyte	AB	Analyte ID	Method ID
pH	TX	1900	20016404

Method SM 4500 NH3 F

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	20023001

Method SM 4500 P E

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	20025803
Phosphorus, total	TX	1910	20025803

Method SM 4500 $S2^{-}$ D

Analyte	AB	Analyte ID	Method ID
Sulfide	TX	2005	20125400

Method SM 4500 Si D

Analyte	AB	Analyte ID	Method ID
Silica-dissolved	TX	1995	20018206

Method SM 5310 C

Analyte	AB	Analyte ID	Method ID
Total organic carbon	TX	2040	20028200

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Matrix: ***Non Potable Water***

Method TCEQ 1005

Analyte	AB	Analyte ID	Method ID
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

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Matrix: ***Solid & Hazardous Material***

Method ASTM D2216

Analyte	AB	Analyte ID	Method ID
Moisture	TX	10337	ASTM D2216-05

Method EPA 1010

Analyte	AB	Analyte ID	Method ID
Ignitability	TX	1780	10116606

Method EPA 1311

Analyte	AB	Analyte ID	Method ID
TCLP	TX	849	10118806

Method EPA 1312

Analyte	AB	Analyte ID	Method ID
SPLP	TX	850	10119003

Method EPA 200.8

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10014605
Antimony	TX	1005	10014605
Arsenic	TX	1010	10014605
Barium	TX	1015	10014605
Beryllium	TX	1020	10014605
Cadmium	TX	1030	10014605
Calcium	TX	1035	10014605
Chromium	TX	1040	10014605
Cobalt	TX	1050	10014605
Copper	TX	1055	10014605
Iron	TX	1070	10014605
Lead	TX	1075	10014605
Magnesium	TX	1085	10014605
Manganese	TX	1090	10014605
Molybdenum	TX	1100	10014605
Nickel	TX	1105	10014605
Potassium	TX	1125	10014605

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Matrix: ***Solid & Hazardous Material***

Selenium	TX	1140	10014605
Silver	TX	1150	10014605
Sodium	TX	1155	10014605
Strontium	TX	1160	10014605
Thallium	TX	1165	10014605
Tin	TX	1175	10014605
Titanium	TX	1180	10014605
Vanadium	TX	1185	10014605
Zinc	TX	1190	10014605

Method EPA 300.0

Analyte	AB	Analyte ID	Method ID
Bromide	TX	1540	10053006
Chloride	TX	1575	10053006
Fluoride	TX	1730	10053006
Nitrate as N	TX	1810	10053006
Nitrate-nitrite	TX	1820	10053006
Nitrite as N	TX	1840	10053006
Sulfate	TX	2000	10053006

Method EPA 310.1

Analyte	AB	Analyte ID	Method ID
Alkalinity as CaCO3	TX	1505	10054805

Method EPA 350.3

Analyte	AB	Analyte ID	Method ID
Ammonia as N	TX	1515	10064401

Method EPA 365.2

Analyte	AB	Analyte ID	Method ID
Orthophosphate as P	TX	1870	10070403
Phosphorus, total	TX	1910	10070403

Method EPA 6020

Analyte	AB	Analyte ID	Method ID
Aluminum	TX	1000	10156204

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Matrix: ***Solid & Hazardous Material***

Antimony	TX	1005	10156204
Arsenic	TX	1010	10156204
Barium	TX	1015	10156204
Beryllium	TX	1020	10156204
Boron	TX	1025	10156204
Cadmium	TX	1030	10156204
Calcium	TX	1035	10156204
Chromium	TX	1040	10156204
Cobalt	TX	1050	10156204
Copper	TX	1055	10156204
Iron	TX	1070	10156204
Lead	TX	1075	10156204
Lithium	TX	1080	10156204
Magnesium	TX	1085	10156204
Manganese	TX	1090	10156204
Molybdenum	TX	1100	10156204
Nickel	TX	1105	10156204
Potassium	TX	1125	10156204
Selenium	TX	1140	10156204
Silver	TX	1150	10156204
Sodium	TX	1155	10156204
Strontium	TX	1160	10156204
Thallium	TX	1165	10156204
Tin	TX	1175	10156204
Titanium	TX	1180	10156204
Vanadium	TX	1185	10156204
Zinc	TX	1190	10156204

Method EPA 7196

Analyte	**AB**	**Analyte ID**	**Method ID**
Chromium VI	TX	1045	10162400

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Matrix: ***Solid & Hazardous Material***

Method EPA 7470

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10165807

Method EPA 7471

Analyte	AB	Analyte ID	Method ID
Mercury	TX	1095	10166208

Method EPA 8015

Analyte	AB	Analyte ID	Method ID
Diesel range organics (DRO)	TX	9369	10173203
Ethylene glycol	TX	4785	10173203
Gasoline range organics (GRO)	TX	9408	10173203
Propylene Glycol	TX	6657	10173203

Method EPA 8021

Analyte	AB	Analyte ID	Method ID
Benzene	TX	4375	10174808
Ethylbenzene	TX	4765	10174808
m+p-xylene	TX	5240	10174808
Methyl tert-butyl ether (MTBE)	TX	5000	10174808
o-Xylene	TX	5250	10174808
Toluene	TX	5140	10174808
Xylene (total)	TX	5260	10174808

Method EPA 8081

Analyte	AB	Analyte ID	Method ID
4,4'-DDD	TX	7355	10178606
4,4'-DDE	TX	7360	10178606
4,4'-DDT	TX	7365	10178606
Aldrin	TX	7025	10178606
alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10178606
alpha-Chlordane	TX	7240	10178606
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10178606
Chlordane (tech.)	TX	7250	10178606

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Matrix: ***Solid & Hazardous Material***

delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10178606
Dieldrin	TX	7470	10178606
Endosulfan I	TX	7510	10178606
Endosulfan II	TX	7515	10178606
Endosulfan sulfate	TX	7520	10178606
Endrin	TX	7540	10178606
Endrin aldehyde	TX	7530	10178606
Endrin ketone	TX	7535	10178606
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10178606
gamma-Chlordane	TX	7245	10178606
Heptachlor	TX	7685	10178606
Heptachlor epoxide	TX	7690	10178606
Isodrin	TX	7725	10178606
Methoxychlor	TX	7810	10178606
Toxaphene (Chlorinated camphene)	TX	8250	10178606

Method EPA 8082

Analyte	AB	Analyte ID	Method ID
Aroclor-1016 (PCB-1016)	TX	8880	10179007
Aroclor-1221 (PCB-1221)	TX	8885	10179007
Aroclor-1232 (PCB-1232)	TX	8890	10179007
Aroclor-1242 (PCB-1242)	TX	8895	10179007
Aroclor-1248 (PCB-1248)	TX	8900	10179007
Aroclor-1254 (PCB-1254)	TX	8905	10179007
Aroclor-1260 (PCB-1260)	TX	8910	10179007
PCBs	TX	8870	10179007

Method EPA 8260

Analyte	AB	Analyte ID	Method ID
1,1,1,2-Tetrachloroethane	TX	5105	10184802
1,1,1-Trichloroethane	TX	5160	10184802
1,1,2,2-Tetrachloroethane	TX	5110	10184802
1,1,2-Trichloroethane	TX	5165	10184802

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Matrix: ***Solid & Hazardous Material***

1,1-Dichloroethane	TX	4630	10184802
1,1-Dichloroethylene (1,1-Dichloroethene)	TX	4640	10184802
1,1-Dichloropropene	TX	4670	10184802
1,2,3-Trichlorobenzene	TX	5150	10184802
1,2,3-Trichloropropane	TX	5180	10184802
1,2,4-Trichlorobenzene	TX	5155	10184802
1,2,4-Trimethylbenzene	TX	5210	10184802
1,2-Dibromo-3-chloropropane (DBCP)	TX	4570	10184802
1,2-Dibromoethane (EDB, Ethylene dibromide)	TX	4585	10184802
1,2-Dichlorobenzene	TX	4610	10184802
1,2-Dichloroethane	TX	4635	10184802
1,2-Dichloropropane	TX	4655	10184802
1,3,5-Trimethylbenzene	TX	5215	10184802
1,3-Dichlorobenzene	TX	4615	10184802
1,3-Dichloropropane	TX	4660	10184802
1,4-Dichlorobenzene	TX	4620	10184802
1-Chlorohexane	TX	4510	10184802
2,2-Dichloropropane	TX	4665	10184802
2-Butanone (Methyl ethyl ketone, MEK)	TX	4410	10184802
2-Chloroethyl vinyl ether	TX	4500	10184802
2-Chlorotoluene	TX	4535	10184802
2-Hexanone	TX	4860	10184802
2-Propanol (Isopropyl alcohol)	TX	4895	10184802
4-Chlorotoluene	TX	4540	10184802
4-Isopropyltoluene	TX	4915	10184802
4-Methyl-2-pentanone (MIBK)	TX	4995	10184802
Acetone	TX	4315	10184802
Acrolein (Propenal)	TX	4325	10184802
Acrylonitrile	TX	4340	10184802
Benzene	TX	4375	10184802

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Matrix: *Solid & Hazardous Material*

Bromobenzene	TX	4385	10184802
Bromochloromethane	TX	4390	10184802
Bromodichloromethane	TX	4395	10184802
Bromoform	TX	4400	10184802
Bromomethane (Methyl bromide)	TX	4950	10184802
Carbon disulfide	TX	4450	10184802
Carbon tetrachloride	TX	4455	10184802
Chlorobenzene	TX	4475	10184802
Chloroethane	TX	4485	10184802
Chloroform	TX	4505	10184802
Chloromethane (Methyl chloride)	TX	4960	10184802
cis-1,2-Dichloroethylene	TX	4645	10184802
cis-1,3-Dichloropropylene	TX	4680	10184802
Dibromochloromethane	TX	4575	10184802
Dibromomethane	TX	4595	10184802
Dichlorodifluoromethane	TX	4625	10184802
Ethylbenzene	TX	4765	10184802
Hexachlorobutadiene	TX	4835	10184802
Iodomethane (Methyl iodide)	TX	4870	10184802
Isopropylbenzene	TX	4900	10184802
m+p-xylene	TX	5240	10184802
Methyl acetate	TX	4940	10184802
Methyl tert-butyl ether (MTBE)	TX	5000	10184802
Methylcyclohexane	TX	4965	10184802
Methylene chloride	TX	4975	10184802
Naphthalene	TX	5005	10184802
n-Butylbenzene	TX	4435	10184802
n-Propylbenzene	TX	5090	10184802
o-Xylene	TX	5250	10184802
sec-Butylbenzene	TX	4440	10184802

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Matrix: ***Solid & Hazardous Material***

Styrene	TX	5100	10184802
tert-Butylbenzene	TX	4445	10184802
Tetrachloroethylene (Perchloroethylene)	TX	5115	10184802
Toluene	TX	5140	10184802
trans-1,2-Dichloroethylene	TX	4700	10184802
trans-1,3-Dichloropropylene	TX	4685	10184802
trans-1,4-Dichloro-2-butene	TX	4605	10184802
Trichloroethene (Trichloroethylene)	TX	5170	10184802
Trichlorofluoromethane	TX	5175	10184802
Trichlorotrifluoroethane	TX	5185	10184802
Vinyl acetate	TX	5225	10184802
Vinyl chloride	TX	5235	10184802
Xylene (total)	TX	5260	10184802

Method EPA 8270

Analyte	AB	Analyte ID	Method ID
1,2,4,5-Tetrachlorobenzene	TX	6715	10185805
1,2,4-Trichlorobenzene	TX	5155	10185805
1,2-Dichlorobenzene	TX	4610	10185805
1,2-Diphenylhydrazine	TX	6220	10185805
1,3-Dichlorobenzene	TX	4615	10185805
1,4-Dichlorobenzene	TX	4620	10185805
1-Naphthylamine	TX	6425	10185805
2,3,4,6-Tetrachlorophenol	TX	6735	10185805
2,4,5-Trichlorophenol	TX	6835	10185805
2,4,6-Trichlorophenol	TX	6840	10185805
2,4-Dichlorophenol	TX	6000	10185805
2,4-Dimethylphenol	TX	6130	10185805
2,4-Dinitrophenol	TX	6175	10185805
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10185805
2,6-Dichlorophenol	TX	6005	10185805
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10185805

Texas Commission on Environmental Quality

NELAP - Recognized Laboratory Fields of Accreditation

Certificate:	**T104704211-10-3**
Expiration Date:	**4/30/2011**
Issue Date:	**6/2/2010**

DHL Analytical Inc.

2300 Double Creek Drive
Round Rock, TX 78664-3801

These fields of accreditation supercedeall previous fields. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current accreditation status for particular methods and analyses.

Matrix: *Solid & Hazardous Material*

2-Chloronaphthalene	TX	5795	10185805
2-Chlorophenol	TX	5800	10185805
2-Methyl-4,6-dinitrophenol	TX	6360	10185805
2-Methylnaphthalene	TX	6385	10185805
2-Methylphenol (o-Cresol)	TX	6400	10185805
2-Naphthylamine	TX	6430	10185805
2-Nitroaniline	TX	6460	10185805
2-Nitrophenol	TX	6490	10185805
2-Picoline (2-Methylpyridine)	TX	5050	10185805
3,3'-Dichlorobenzidine	TX	5945	10185805
3-Methylcholanthrene	TX	6355	10185805
3-Nitroaniline	TX	6465	10185805
4,4'-DDD	TX	7355	10185203
4,4'-DDE	TX	7360	10186002
4,4'-DDT	TX	7365	10185407
4-Aminobiphenyl	TX	5540	10185805
4-Bromophenyl phenyl ether	TX	5660	10185805
4-Chloro-3-methylphenol	TX	5700	10185805
4-Chloroaniline	TX	5745	10185805
4-Chlorophenyl phenylether	TX	5825	10185805
4-Dimethyl aminoazobenzene	TX	6105	10185805
4-Methylphenol (p-Cresol)	TX	6410	10185805
4-Nitroaniline	TX	6470	10185805
4-Nitrophenol	TX	6500	10185805
7,12-Dimethylbenz(a) anthracene	TX	6115	10185805
a-a-Dimethylphenethylamine	TX	6125	10185805
Acenaphthene	TX	5500	10185805
Acenaphthylene	TX	5505	10185805
Acetophenone	TX	5510	10185805
Aldrin	TX	7025	10186002

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Matrix: ***Solid & Hazardous Material***

alpha-BHC (alpha-Hexachlorocyclohexane)	TX	7110	10185407
alpha-Chlordane	TX	7240	10185805
Aniline	TX	5545	10185805
Anthracene	TX	5555	10185805
Aroclor-1016 (PCB-1016)	TX	8880	10186002
Aroclor-1221 (PCB-1221)	TX	8885	10185805
Aroclor-1232 (PCB-1232)	TX	8890	10185407
Aroclor-1242 (PCB-1242)	TX	8895	10185407
Aroclor-1248 (PCB-1248)	TX	8900	10185805
Aroclor-1254 (PCB-1254)	TX	8905	10185805
Aroclor-1260 (PCB-1260)	TX	8910	10185407
Atrazine	TX	7065	10185805
Azinphos-methyl (Guthion)	TX	7075	10185203
Benzidine	TX	5595	10185805
Benzo(a)anthracene	TX	5575	10185805
Benzo(a)pyrene	TX	5580	10185805
Benzo(b)fluoranthene	TX	5585	10185805
Benzo(e)pyrene	TX	5605	10185805
Benzo(g,h,i)perylene	TX	5590	10185805
Benzo(k)fluoranthene	TX	5600	10185805
Benzoic acid	TX	5610	10185805
Benzyl alcohol	TX	5630	10185805
beta-BHC (beta-Hexachlorocyclohexane)	TX	7115	10185601
Biphenyl	TX	5640	10185805
bis(2-Chloroethoxy)methane	TX	5760	10185805
bis(2-Chloroethyl) ether	TX	5765	10185805
bis(2-Chloroisopropyl) ether	TX	5780	10185805
bis(2-Ethylhexyl) phthalate (DEHP)	TX	6255	10185805
Butyl benzyl phthalate	TX	5670	10185805
Caprolactam	TX	7180	10185805

Texas Commission on Environmental Quality

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Round Rock, TX 78664-3801

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Matrix: ***Solid & Hazardous Material***

Carbaryl (Sevin)	TX	7195	10185601
Carbazole	TX	5680	10185805
Carbophenothion	TX	7220	10185805
Chlordane (tech.)	TX	7250	10185805
Chlorfenvinphos	TX	7255	10185203
Chrysene	TX	5855	10185805
Coumaphos	TX	7315	10185805
Crotoxyphos	TX	7330	10185203
delta-BHC (delta-Hexachlorocyclohexane)	TX	7105	10186002
Demeton	TX	7390	10185805
Demeton-o	TX	7395	10185805
Demeton-s	TX	7385	10185601
Dibenz(a,h) anthracene	TX	5895	10185805
Dibenzofuran	TX	5905	10185805
Dichlorovos (DDVP, Dichlorvos)	TX	8610	10185805
Dicrotophos	TX	7465	10185805
Dieldrin	TX	7470	10185407
Diethyl phthalate	TX	6070	10185805
Dimethoate	TX	7475	10185805
Dimethyl phthalate	TX	6135	10185805
Di-n-butyl phthalate	TX	5925	10185805
Di-n-octyl phthalate	TX	6200	10185805
Dioxathion	TX	7495	10185601
Diphenylamine	TX	6205	10185805
Disulfoton	TX	8625	10185407
Endosulfan I	TX	7510	10185601
Endosulfan II	TX	7515	10185805
Endosulfan sulfate	TX	7520	10186002
Endrin	TX	7540	10185601
Endrin aldehyde	TX	7530	10186002

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Round Rock, TX 78664-3801

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Matrix: *Solid & Hazardous Material*

Endrin ketone	TX	7535	10186002
EPN	TX	7550	10186002
Ethion	TX	7565	10185203
Ethyl methanesulfonate	TX	6260	10185805
Famphur	TX	7580	10186002
Fensulfothion	TX	7600	10185805
Fenthion	TX	7605	10186002
Fluoranthene	TX	6265	10185805
Fluorene	TX	6270	10185805
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	TX	7120	10185407
gamma-Chlordane	TX	7245	10185601
Heptachlor	TX	7685	10185601
Heptachlor epoxide	TX	7690	10185203
Hexachlorobenzene	TX	6275	10185805
Hexachlorobutadiene	TX	4835	10185805
Hexachlorocyclopentadiene	TX	6285	10185805
Hexachloroethane	TX	4840	10185805
Hexachlorophene	TX	6290	10185601
Indeno(1,2,3-cd) pyrene	TX	6315	10185805
Isodrin	TX	7725	10185203
Isophorone	TX	6320	10185805
Leptophos	TX	7755	10185407
Malathion	TX	7770	10185601
Methoxychlor	TX	7810	10185203
Methyl methanesulfonate	TX	6375	10185805
Mevinphos	TX	7850	10185805
Monocrotophos	TX	7880	10185805
Naled	TX	7905	10185805
Naphthalene	TX	5005	10185805
Nitrobenzene	TX	5015	10185805

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Matrix: ***Solid & Hazardous Material***

n-Nitrosodiethylamine	TX	6525	10185805
n-Nitrosodimethylamine	TX	6530	10185805
n-Nitroso-di-n-butylamine	TX	5025	10185805
n-Nitrosodi-n-propylamine	TX	6545	10185805
n-Nitrosodiphenylamine	TX	6535	10185805
n-Nitrosopiperidine	TX	6560	10185805
Parathion, ethyl	TX	7955	10185805
Parathion, methyl (Methyl parathion)	TX	7825	10185203
Pentachlorobenzene	TX	6590	10185805
Pentachloronitrobenzene	TX	6600	10185805
Pentachlorophenol	TX	6605	10185805
Phenacetin	TX	6610	10185805
Phenanthrene	TX	6615	10185805
Phenol	TX	6625	10185805
Phorate	TX	7985	10185407
Phosmet (Imidan)	TX	8000	10185203
Phosphamidon	TX	8005	10186002
Pronamide (Kerb)	TX	6650	10185805
Pyrene	TX	6665	10185805
Pyridine	TX	5095	10185805
Quinoline	TX	6670	10185805
Stirophos (Tetrachlorvinphos)	TX	8200	10186002
Sulfotepp	TX	8155	10185203
Terbufos	TX	8185	10185805
Tetraethyl pyrophosphate (TEPP)	TX	8210	10185407
Toxaphene (Chlorinated camphene)	TX	8250	10185203

Method EPA 8321

Analyte	**AB**	**Analyte ID**	**Method ID**
2,4,5-T	TX	8655	10188804
2,4-D	TX	8545	10188804
2,4-DB	TX	8560	10188804

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Matrix: ***Solid & Hazardous Material***

Dalapon	TX	8555	10188804
Dicamba	TX	8595	10188804
Dichloroprop (Dichlorprop)	TX	8605	10188804
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	TX	8620	10188804
MCPA	TX	7775	10188804
MCPP	TX	7780	10188804
Silvex (2,4,5-TP)	TX	8650	10188804

Method EPA 8330

Analyte	**AB**	**Analyte ID**	**Method ID**
1,3,5-Trinitrobenzene (1,3,5-TNB)	TX	6885	10189807
1,3-Dinitrobenzene (1,3-DNB)	TX	6160	10189807
2,4,6-Trinitrotoluene (2,4,6-TNT)	TX	9651	10189807
2,4-Dinitrotoluene (2,4-DNT)	TX	6185	10189807
2,6-Dinitrotoluene (2,6-DNT)	TX	6190	10189807
2-Amino-4,6-dinitrotoluene (2-am-dnt)	TX	9303	10189807
2-Nitrotoluene	TX	9507	10189807
3-Nitrotoluene	TX	9510	10189807
4-Amino-2,6-dinitrotoluene (4-am-dnt)	TX	9306	10189807
4-Nitrotoluene	TX	9513	10189807
Nitrobenzene	TX	5015	10189807
Nitroglycerin	TX	6485	10189807
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	TX	9522	10189807
Pentaerythritoltetranitrate	TX	9558	10189807
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	TX	9432	10189807
Tetryl (methyl-2,4,6-trinitrophenylnitramine)	TX	9633	10189807

Method EPA 9014

Analyte	**AB**	**Analyte ID**	**Method ID**
Total Cyanide	TX	1635	10193803

Method EPA 9040

Analyte	**AB**	**Analyte ID**	**Method ID**
Corrosivity	TX	1615	10197203

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2300 Double Creek Drive
Round Rock, TX 78664-3801

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Matrix: ***Solid & Hazardous Material***

pH	TX	1900	10197203

Method EPA 9045

Analyte	**AB**	**Analyte ID**	**Method ID**
pH	TX	1900	10198400

Method EPA 9056

Analyte	**AB**	**Analyte ID**	**Method ID**
Bromide	TX	1540	10199209
Chloride	TX	1575	10199209
Fluoride	TX	1730	10199209
Nitrate as N	TX	1810	10199209
Nitrate-nitrite	TX	1820	10199209
Nitrite as N	TX	1840	10199209
Sulfate	TX	2000	10199209

Method SM 2320 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Alkalinity as CaCO3	TX	1505	20003003

Method SM 2510 B

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	20003809

Method SSA/ASA Part 3:14

Analyte	**AB**	**Analyte ID**	**Method ID**
Conductivity	TX	1610	SSA/ASA Pt 3:14

Method TCEQ 1005

Analyte	**AB**	**Analyte ID**	**Method ID**
Total Petroleum Hydrocarbons (TPH)	TX	2050	90019208

ATTACHMENT B

LABORATORY DATA PACKAGES

October 26, 2010

Cheri Krieg
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

Order No: 1010123

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI

Dear Cheri Krieg:

DHL Analytical received 5 sample(s) on 10/19/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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Prep Dates Report **22**

Analytical Dates Report **23**

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Analytical QC Summary Report **34**

MQL Summary Report **56**

DHL ANALYTICAL COC # 1978

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 46645

CHAIN-OF-CUSTODY

CLIENT: GeoSfrsh
ADDRESS: 4718 College Park, San Antonio, TX 78249
PHONE: 210.492.7282 FAX/E-MAIL: 210.492.8935
DATA REPORTED TO: Cheri Kriegs
ADDITIONAL REPORT COPIES TO:

DATE: Oct 18, 2010 PAGE 1 OF 1
PO #: 354840 H DHL WORK ORDER #: 1010123
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: HCEI 760 SLI COLLECTOR: Cheri Kriegs

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) TPH (1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐ VOC 624 ☐ VOC 8260/5035 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLD PAH ☐ SVOC 625 ☐ 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ 8270 PCB ☐ 8270 O-P PEST ☐ 8082 PCB ☐ 8330 EXPL ☐ PERCHLORATE ☐ 8321 HERB ☐ METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ANIONS ☐ CHLORIDE ☐ ALKALINITY ☐ TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ Low Conc. 0-500 Med Conc. 500-SAT High Conc. SATURATE

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX	TPH 1005	GRO/DRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	Low Conc.	Med Conc.	High Conc.	FIELD NOTES
Trip Blank	01	10/18/10		W	Glass	2	X			X					X													X			
So MW-6 01	02	10/18/10	1118	S	various	7				X			X		X	X												X			
So MW-6 02	03	10/18/10	1126	S	various	7				X			X		X	X												X			
FB GW EB02	04	10/18/10	1535	W	Glass	8	X			X			X		X	X												X			
GW FB-1	05	10/18/10	1700	W	Glass	3	X			X					X													X			
TOTAL						28	3			5			3		5	3															

RELINQUISHED BY: (Signature) DATE/TIME 10/18/10 1830 RECEIVED BY: (Signature) Fedex
RELINQUISHED BY: (Signature) Fedex DATE/TIME 10/19/10 RECEIVED BY: (Signature) 8:30
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 3.2 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx US Airbill Express

FedEx Tracking Number 8705 3918 9569

0200 Recipients Copy

1 From

Date 10/18/16

Sender's Name 620 STRATA ENVIRON. Phone 210 492 7282

Company R GREEN

Address 4718 College Park Dept./Floor/Suite/Room

City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference

3 To

Recipient's Name Phone 512 388 8222

Company DHL ANALYTICAL ☐ HOLD Weekday Print FedEx location address below. NOT available for FedEx First Overnight. ☐ HOLD Saturday Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 3300 Double Creek Dr. Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Print FedEx location address here if a HOLD option is selected.

City Round Rock State TX ZIP 78664

8705 3918 9569

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

FedEx 1Day Freight Bonding No.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

- [ ] Sender Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [X] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Enter FedEx Acct. No. or Credit Card No. below.

Total Packages 1 Total Weight 1 lbs. Total Declared Value† $ ____.00 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

Rev. Date 2/00 Part #150281-©1994-2000 FedEx PRINTED IN U.S.A. SRY

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CUSTODY SEAL
DATE 10/18/16
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-265-3900

DHL Analytical

Sample Receipt Checklist

Client Name **Geo Strata Environmental Consultants** Date Received: **10/19/2010**

Work Order Number **1010123** Received by **JB**

Checklist completed by: Signature [signature] Date 10/19/10 Reviewed by Initials SS Date 10-19-10

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.2 °C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

10/26/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 10/26/10
Reviewer Name: Carlos Castro	Laboratory Work Order: 1010123
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 10/26/10
Reviewer Name: Carlos Castro	Laboratory Work Order: 1010123

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

DCS REPORTING

RunID:	GC12_101013A	Prep Date:	10/13/2010
SampID:	DCS-43416	Anaysis Date:	10/13/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43416		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	6.37	20	10	63.7	50	200	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	2.24	5	2.32	96.6	50	150	
1,1,1-Trichloroethane	2.30	5	2.32	99.1	60	140	
1,1,2,2-Tetrachloroethane	2.29	5	2.32	98.7	50	150	
1,1,2-Trichloroethane	2.17	5	2.32	93.5	40	160	
1,1,2-Trichlorotrifluoroethane	2.08	15	2.32	89.7	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	2.10	5	2.32	90.5	50	150	
1,1-Dichloropropene	2.22	5	2.32	95.7	30	170	
1,2,3-Trichlorobenzene	3.10	5	2.32	134	20	180	
1,2,3-Trichloropropane	2.16	5	2.32	93.1	20	180	
1,2,4-Trichlorobenzene	2.46	5	2.32	106	20	180	
1,2,4-Trimethylbenzene	2.26	5	2.32	97.4	20	180	
1,2-Dibromo-3-chloropropane	2.20	5	2.32	94.8	20	180	
1,2-Dibromoethane	2.26	5	2.32	97.4	40	160	
1,2-Dichlorobenzene	2.26	5	2.32	97.4	50	150	
1,2-Dichloroethane	2.39	5	2.32	103	50	150	
1,2-Dichloropropane	2.16	5	2.32	93.1	40	160	
1,3,5-Trimethylbenzene	2.27	5	2.32	97.8	20	180	
1,3-Dichlorobenzene	2.27	5	2.32	97.8	50	150	
1,3-Dichloropropane	2.39	5	2.32	103	50	150	
1,4-Dichloro-2-butene	2.07	5	2.32	89.2	20	180	
1,4-Dichlorobenzene	2.43	5	2.32	105	50	150	
1-Chlorohexane	3.23	5	2.32	139	20	180	
2,2-Dichloropropane	2.09	5	2.32	90.1	40	160	
2-Chloroethylvinylether	1.68	15	2.32	72.4	20	180	
2-Chlorotoluene	2.45	5	2.32	106	50	150	
4-Chlorotoluene	2.40	5	2.32	103	20	180	
Acrolein	4.98	50	5.8	85.9	20	200	
Acrylonitrile	4.24	10	4.64	91.4	30	170	
Benzene	2.16	5	2.32	93.1	50	150	
Bromobenzene	2.26	5	2.32	97.4	50	150	
Bromochloromethane	2.13	5	2.32	91.8	30	170	
Bromodichloromethane	2.17	5	2.32	93.5	50	150	
Bromoform	1.82	5	2.32	78.4	30	120	
Bromomethane	2.78	5	2.32	120	20	200	
Carbon disulfide	2.02	5	2.32	87.1	20	200	
Carbon tetrachloride	2.29	5	2.32	98.7	50	150	
Chlorobenzene	2.35	5	2.32	101	50	150	
Chloroethane	2.29	5	2.32	98.7	20	180	
Chloroform	2.32	5	2.32	100	50	150	
Chloromethane	2.45	5	2.32	106	40	180	
cis-1,2-Dichloroethene	2.10	5	2.32	90.5	50	150	
cis-1,3-Dichloropropene	2.03	5	2.32	87.5	40	160	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Cyclohexane	2.10	15	2.32	90.5	20	180	
Dibromochloromethane	2.04	5	2.32	87.9	40	160	
Dibromomethane	2.19	5	2.32	94.4	50	150	
Dichlorodifluoromethane	1.86	5	2.32	80.2	50	150	
Ethylbenzene	2.30	5	2.32	99.1	60	140	
Hexachlorobutadiene	2.60	5	2.32	112	20	200	
Iodomethane	2.08	5	2.32	89.7	20	200	
Isopropyl alcohol	7.06	50	5.8	122	20	200	
Isopropylbenzene	2.32	5	2.32	100	30	170	
m,p-Xylene	4.53	5	4.64	97.6	40	160	
Methyl Acetate	2.49	15	2.32	107	30	180	
Methyl tert-butyl ether	2.30	5	2.32	99.1	50	150	
Methylcyclohexane	2.11	15	2.32	90.9	20	200	
Methylene chloride	3.19	5	2.32	138	20	200	
n-Butylbenzene	2.19	5	2.32	94.4	20	180	
n-Propylbenzene	2.26	5	2.32	97.4	40	160	
Naphthalene	3.05	15	2.32	131	20	200	
o-Xylene	2.28	5	2.32	98.3	30	170	
p-Isopropyltoluene	2.22	5	2.32	95.7	20	180	
sec-Butylbenzene	2.29	5	2.32	98.7	30	170	
Styrene	2.09	5	2.32	90.1	20	200	
tert-Butylbenzene	2.33	5	2.32	100	20	180	
Tetrachloroethene	2.25	5	2.32	97.0	50	150	
Toluene	2.28	5	2.32	98.3	40	160	
Total Xylenes	6.81	5	6.96	97.8	30	170	
trans-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	
trans-1,3-Dichloropropene	1.95	5	2.32	84.1	40	160	
Trichloroethene	2.07	5	2.32	89.2	50	150	
Trichlorofluoromethane	2.33	15	2.32	100	50	150	
Vinyl acetate	5.59	15	5.8	96.4	20	200	
Vinyl chloride	2.04	5	2.32	87.9	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS2-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R50959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	2.82	15	2.32	122	40	160	
2-Hexanone	2.68	15	2.32	116	20	180	
4-Methyl-2-pentanone	2.35	15	2.32	101	50	150	
Acetone	2.25	50	2.32	97.0	20	200	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS-42635	Anaysis Date:	8/16/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1-Trichloroethane	0.170	1	0.232	73.3	60	140	
1,1,2,2-Tetrachloroethane	0.140	1	0.232	60.3	50	150	
1,1-Dichloroethane	0.190	1	0.232	81.9	50	150	
1,1-Dichloroethene	0.190	1	0.232	81.9	50	150	
1,2-Dichloroethane	0.210	1	0.232	90.5	50	150	
1,3-Dichlorohenzene	0.170	1	0.232	73.3	50	150	
1,3-Dichloropropane	0.140	1	0.232	60.3	50	150	
2-Chlorotoluene	0.180	1	0.232	77.6	50	150	
4-Chlorotoluene	0.160	1	0.232	69.0	20	180	
Benzene	0.230	1	0.232	99.1	50	150	
Bromobenzene	0.190	1	0.232	81.9	50	150	
Bromodichloromethane	0.210	1	0.232	90.5	50	150	
Bromomethane	0.200	1	0.232	86.2	20	200	
Chlorobenzene	0.290	1	0.232	125	50	150	
Chloroform	0.220	1	0.232	94.8	50	150	
Chloromethane	0.200	1	0.232	86.2	40	180	
cis-1,2-Dichloroethene	0.200	1	0.232	86.2	50	150	
Dibromochloromethane	0.180	1	0.232	77.6	40	160	
Dibromomethane	0.250	1	0.232	108	50	150	
Dichlorodifluoromethane	0.170	1	0.232	73.3	50	150	
Ethyl tert-butyl ether (ETBE)	0.120	2	0.232	51.7	20	200	
Ethylbenzene	0.180	1	0.232	77.6	60	140	
Methyl tert-butyl ether	0.190	1	0.232	81.9	50	150	
n-Propylbenzene	0.170	1	0.232	73.3	40	160	
Total THMs	0.610	1	0.928	65.7	30	160	
trans-1,2-Dichloroethene	0.160	1	0.232	69.0	50	150	
Trichlorofluoromethane	0.210	1	0.232	90.5	50	150	
Vinyl chloride	0.180	1	0.232	77.6	50	150	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS2-42635	Anaysis Date:	8/16/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.350	1	0.464	75.4	50	150	
1,1,2-Trichloroethane	0.350	1	0.464	75.4	40	160	
1,1-Dichloropropene	0.300	1	0.464	64.7	30	170	
1,2-Dibromoethane	0.300	1	0.464	64.7	40	160	
1,2-Dichloropropane	0.370	1	0.464	79.7	40	160	
1,4-Dichlorobenzene	0.330	1	0.464	71.1	50	150	
2,2-Dichloropropane	0.310	1	0.464	66.8	40	160	
Acrolein	4.44	15	4.64	95.7	20	200	
Acrylonitrile	1.51	3	0.928	163	30	170	
Bromochloromethane	0.180	1	0.464	38.8	30	170	
Carbon tetrachloride	0.360	1	0.464	77.6	50	150	
Isopropyl alcohol	2.99	15	4.64	64.4	20	200	
tert-Butylbenzene	0.740	1	0.464	159	20	180	
Vinyl acetate	2.36	10	4.64	50.9	20	200	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS3-42635	Anaysis Date:	8/17/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,3-Trichloropropane	0.960	1	0.928	103	20	180	
1,2,4-Trimethylbenzene	0.480	5	0.928	51.7	20	180	
1,2-Dichlorobenzene	1.26	1	0.928	136	50	150	
1,3,5-Trimethylbenzene	0.590	5	0.928	63.6	20	180	
1-Chlorohexane	1.40	5	0.928	151	20	180	
Bromoform	1.14	1	0.928	123	30	150	
Chloroethane	0.830	1	0.928	89.4	20	180	
cis-1,3-Dichloropropene	1.15	1	0.928	124	40	160	
Hexachlorobutadiene	1.47	3	0.928	158	20	200	
Isopropyl ether (DIPE)	1.23	2	0.928	133	20	200	
Isopropylbenzene	1.18	1	0.928	127	30	170	
m,p-Xylene	2.22	2	1.856	120	40	160	
Methylene chloride	0.780	2.5	0.928	84.1	20	200	
n-Butylbenzene	1.46	1	0.928	157	20	180	
o-Xylene	1.35	1	0.928	145	30	170	
p-Isopropyltoluene	1.35	1	0.928	145	20	180	
sec-Butylhenzene	1.19	1	0.928	128	30	170	
Tert-amyl methyl ether (TAME)	1.04	2	0.928	112	20	200	
Tert-butanol (TBA)	7.51	20	4.64	162	20	200	
Tetrachloroethene	0.780	2	0.928	84.1	50	150	
Toluene	0.870	2	0.928	93.8	40	160	
Total Xylenes	3.57	1	2.784	128	30	170	
trans-1,3-Dichloropropene	1.30	1	0.928	140	40	160	
Trichloroethene	0.780	2	0.928	84.1	50	150	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS4-42635	Anaysis Date:	8/17/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	4.09	15	4.64	88.1	40	160	
1,2,3-Trichlorobenzene	5.72	5	4.64	123	20	180	
1,2,4-Trichlorobenzene	5.92	5	4.64	128	20	180	
1,2-Dibromo-3-chloropropane	6.04	10	4.64	130	20	180	
1,4-Dichloro-2-butene	3.60	5	4.64	77.6	20	180	
2-Butanone	3.68	15	4.64	79.3	40	160	
2-Chloroethylvinylether	6.77	15	4.64	146	20	180	
2-Hexanone	6.95	15	4.64	150	20	180	
4-Methyl-2-pentanone	3.66	15	4.64	78.9	50	150	
Acetone	4.54	15	4.64	97.8	20	200	
Carbon disulfide	4.12	15	4.64	88.8	20	200	
Cyclohexane	3.32	15	4.64	71.6	20	180	
Iodomethane	7.29	15	4.64	157	20	200	
Methyl Acetate	4.58	15	4.64	98.7	30	180	
Methylcyclohexane	3.49	15	4.64	75.2	20	200	
Naphthalene	6.48	15	4.64	140	20	200	

DCS REPORTING

RunID:	GCMS6_100810B	Prep Date:	8/9/2010
SampID:	DCS-42431-PAH	Anaysis Date:	8/10/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	42431		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00656	0.05	0.01	65.6	10	200	
2-Methylnaphthalene	0.00435	0.05	0.01	43.5	10	200	
Acenaphthene	0.00657	0.05	0.01	65.7	10	200	
Acenaphthylene	0.00711	0.05	0.01	71.1	10	200	
Anthracene	0.00740	0.05	0.01	74.0	10	200	
Benzo[a]anthracene	0.0105	0.05	0.01	105	10	200	
Benzo[a]pyrene	0.0103	0.05	0.01	103	10	200	
Benzo[b]fluoranthene	0.0128	0.05	0.01	128	10	200	
Benzo[e]pyrene	0.0155	0.05	0.01	155	10	200	
Benzo[g,h,i]perylene	0.0105	0.05	0.01	105	10	200	
Benzo[k]fluoranthene	0.00977	0.05	0.01	97.7	10	200	
Biphenyl	0.00872	0.05	0.01	87.2	10	200	
Chrysene	0.0100	0.05	0.01	100	10	200	
Dibenz[a,h]anthracene	0.00987	0.05	0.01	98.7	10	200	
Fluoranthene	0.0118	0.05	0.01	118	10	200	
Fluorene	0.00638	0.05	0.01	63.8	10	200	
Indeno[1,2,3-cd]pyrene	0.0107	0.05	0.01	107	10	200	
Naphthalene	0.00606	0.05	0.01	60.6	10	200	
Phenanthrene	0.00830	0.05	0.01	83.0	10	200	
Pyrene	0.0123	0.05	0.01	123	10	200	
Quinoline	0.00462	0.05	0.01	46.2	10	200	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010123

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Analysis (soil & water)
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/19/2010. A total of 5 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R7-01

For Volatiles, TX1005 and PAH analyses for soils, the reference sample designated for the MS/MSDs is sample SO-SB20-01 (1010124-06). An MS/MSD is not applicable for the Trip Blank, Equipment Blank and Field Blank.

DHL Analytical

Date: 10/26/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010123

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010123-01	Trip Blank		10/18/10	10/19/10
1010123-02	SO MW-6 01		10/18/10 11:18 AM	10/19/10
1010123-03	SO MW-6 02		10/18/10 11:26 AM	10/19/10
1010123-04	GW EB 02		10/18/10 03:35 PM	10/19/10
1010123-05	GW FB-1		10/18/10 05:00 PM	10/19/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010123

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010123-01A	Trip Blank	10/18/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010123-02A	SO MW-6 01	10/18/10 11:18 AM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010123-02B	SO MW-6 01	10/18/10 11:18 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
1010123-02C	SO MW-6 01	10/18/10 11:18 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO MW-6 01	10/18/10 11:18 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010123-03A	SO MW-6 02	10/18/10 11:26 AM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010123-03B	SO MW-6 02	10/18/10 11:26 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
1010123-03C	SO MW-6 02	10/18/10 11:26 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO MW-6 02	10/18/10 11:26 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010123-04A	GW EB 02	10/18/10 03:35 PM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010123-04B	GW EB 02	10/18/10 03:35 PM	Equip Blank	TX1005	TX1005 Water Prep	10/19/10 01:25 PM	43484
1010123-04C	GW EB 02	10/18/10 03:35 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010123-05A	GW FB-1	10/18/10 05:00 PM	Field Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010123

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010123-01A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 12:16 PM	GCMS5_101020C
1010123-02A	SO MW-6 01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/19/10 10:08 PM	GCMS2_101019A
1010123-02B	SO MW-6 01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 02:47 PM	GC12_101020B
1010123-02C	SO MW-6 01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 06:40 PM	GCMS6_101020A
	SO MW-6 01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010123-03A	SO MW-6 02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/19/10 10:41 PM	GCMS2_101019A
1010123-03B	SO MW-6 02	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 02:56 PM	GC12_101020B
1010123-03C	SO MW-6 02	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 07:11 PM	GCMS6_101020A
	SO MW-6 02	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010123-04A	GW EB 02	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 12:40 PM	GCMS5_101020C
1010123-04B	GW EB 02	Equip Blank	TX1005	Tx1005 TPH Water	43484	1	10/20/10 11:19 AM	GC12_101020A
1010123-04C	GW EB 02	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 01:34 PM	GCMS6_101025A
1010123-05A	GW FB-1	Field Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 01:04 PM	GCMS5_101020C

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: Trip Blank
Lab ID: 1010123-01
Collection Date: 10/18/10
Matrix: Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 12:16 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 12:16 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 12:16 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:16 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:16 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 12:16 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:16 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:16 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:16 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: Trip Blank
Lab ID: 1010123-01
Collection Date: 10/18/10
Matrix: Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:16 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:16 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 12:16 PM
Surr: 1,2-Dichloroethane-d4	93.2	0	72 - 119		%REC	1	10/20/10 12:16 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 12:16 PM
Surr: Dibromofluoromethane	99.0	0	85 - 115		%REC	1	10/20/10 12:16 PM
Surr: Toluene-d8	95.5	0	81 - 120		%REC	1	10/20/10 12:16 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs
B	Analyte detected in the associated Method Blank
C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor
E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between SDL and RL
N	Parameter not NELAC certified
ND	Not Detected at the SDL
RL	Reporting Limit (MQL adjusted for moisture and sample size)
S	Spike Recovery outside control limits
SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: SO MW-6 01
Lab ID: 1010123-02
Collection Date: 10/18/10 11:18 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<7.86	7.86	22.5		mg/Kg-dry	1	10/20/10 02:47 PM
T/R Hydrocarbons: >C12-C28	<7.86	7.86	22.5		mg/Kg-dry	1	10/20/10 02:47 PM
T/R Hydrocarbons: >C28-C35	<7.86	7.86	22.5		mg/Kg-dry	1	10/20/10 02:47 PM
T/R Hydrocarbons: C6-C35	<7.86	7.86	22.5		mg/Kg-dry	1	10/20/10 02:47 PM
Surr: Isopropylbenzene	104	0	70 - 130		%REC	1	10/20/10 02:47 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/20/10 02:47 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Acenaphthylene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Anthracene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Benzo[a]anthracene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Benzo[a]pyrene	<0.0363	0.0363	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Benzo[b]fluoranthene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Benzo[g,h,i]perylene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Benzo[k]fluoranthene	<0.0363	0.0363	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Chrysene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Dibenz[a,h]anthracene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Fluoranthene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Fluorene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Indeno[1,2,3-cd]pyrene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Naphthalene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Phenanthrene	<0.0121	0.0121	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Pyrene	<0.0242	0.0242	0.0606		mg/Kg-dry	1	10/20/10 06:40 PM
Surr: 2-Fluorobiphenyl	52.9	0	40 - 140		%REC	1	10/20/10 06:40 PM
Surr: 4-Terphenyl-d14	64.8	0	40 - 140		%REC	1	10/20/10 06:40 PM
Volatiles by 8260/5035 GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,1,2,2-Tetrachloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,1,2-Trichloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,1,2-Trichlorotrifluoroethane	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
1,1-Dichloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,1-Dichloroethene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2,4-Trichlorobenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2-Dibromo-3-chloropropane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2-Dibromoethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2-Dichlorobenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2-Dichloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,2-Dichloropropane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,3-Dichlorobenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
1,4-Dichlorobenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
2-Butanone	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
2-Hexanone	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
4-Methyl-2-pentanone	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
Acetone	<0.0175	0.0175	0.0584		mg/Kg-dry	1	10/19/10 10:08 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: SO MW-6 01
Lab ID: 1010123-02
Collection Date: 10/18/10 11:18 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Bromodichloromethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Bromoform	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Bromomethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Carbon disulfide	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Carbon tetrachloride	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Chlorobenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Chloroethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Chloroform	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Chloromethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
cis-1,2-Dichloroethene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
cis-1,3-Dichloropropene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Cyclohexane	<0.00584	0.00584	0.0175	N	mg/Kg-dry	1	10/19/10 10:08 PM
Dibromochloromethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Dichlorodifluoromethane	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Ethylbenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Isopropylbenzene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
m,p-Xylene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Methyl Acetate	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
Methyl tert-butyl ether	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Methylcyclohexane	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
Methylene chloride	<0.00584	0.00584	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
o-Xylene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Styrene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Tetrachloroethene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Toluene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
trans-1,2-Dichloroethene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
trans-1,3-Dichloropropene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Trichloroethene	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Trichlorofluoromethane	<0.00584	0.00584	0.0175		mg/Kg-dry	1	10/19/10 10:08 PM
Vinyl chloride	<0.00117	0.00117	0.00584		mg/Kg-dry	1	10/19/10 10:08 PM
Surr: 1,2-Dichloroethane-d4	113	0	52 - 149		%REC	1	10/19/10 10:08 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/19/10 10:08 PM
Surr: Dibromofluoromethane	99.5	0	65 - 135		%REC	1	10/19/10 10:08 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/19/10 10:08 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.3	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: SO MW-6 02
Lab ID: 1010123-03
Collection Date: 10/18/10 11:26 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<7.78	7.78	22.2		mg/Kg-dry	1	10/20/10 02:56 PM
T/R Hydrocarbons: >C12-C28	<7.78	7.78	22.2		mg/Kg-dry	1	10/20/10 02:56 PM
T/R Hydrocarbons: >C28-C35	<7.78	7.78	22.2		mg/Kg-dry	1	10/20/10 02:56 PM
T/R Hydrocarbons: C6-C35	<7.78	7.78	22.2		mg/Kg-dry	1	10/20/10 02:56 PM
Surr: Isopropylbenzene	103	0	70 - 130		%REC	1	10/20/10 02:56 PM
Surr: Octacosane	99.3	0	70 - 130		%REC	1	10/20/10 02:56 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Acenaphthylene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Anthracene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Benzo[a]anthracene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Benzo[a]pyrene	<0.0363	0.0363	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Benzo[b]fluoranthene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Benzo[g,h,i]perylene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Benzo[k]fluoranthene	<0.0363	0.0363	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Chrysene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Dibenz[a,h]anthracene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Fluoranthene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Fluorene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Indeno[1,2,3-cd]pyrene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Naphthalene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Phenanthrene	<0.0121	0.0121	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Pyrene	<0.0242	0.0242	0.0605		mg/Kg-dry	1	10/20/10 07:11 PM
Surr: 2-Fluorobiphenyl	49.4	0	40 - 140		%REC	1	10/20/10 07:11 PM
Surr: 4-Terphenyl-d14	61.5	0	40 - 140		%REC	1	10/20/10 07:11 PM
Volatiles by 8260/5035 GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,1,2,2-Tetrachloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,1,2-Trichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,1,2-Trichlorotrifluoroethane	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
1,1-Dichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,1-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2,4-Trichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2-Dibromo-3-chloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2-Dibromoethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2-Dichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,2-Dichloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,3-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
1,4-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
2-Butanone	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
2-Hexanone	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
4-Methyl-2-pentanone	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
Acetone	<0.0159	0.0159	0.0528		mg/Kg-dry	1	10/19/10 10:41 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: SO MW-6 02
Lab ID: 1010123-03
Collection Date: 10/18/10 11:26 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Bromodichloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Bromoform	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Bromomethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Carbon disulfide	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Carbon tetrachloride	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Chlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Chloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Chloroform	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Chloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
cis-1,2-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
cis-1,3-Dichloropropene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Cyclohexane	<0.00528	0.00528	0.0159	N	mg/Kg-dry	1	10/19/10 10:41 PM
Dibromochloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Dichlorodifluoromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Ethylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Isopropylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
m,p-Xylene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Methyl Acetate	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
Methyl tert-butyl ether	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Methylcyclohexane	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
Methylene chloride	<0.00528	0.00528	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
o-Xylene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Styrene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Tetrachloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Toluene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
trans-1,2-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
trans-1,3-Dichloropropene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Trichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Trichlorofluoromethane	<0.00528	0.00528	0.0159		mg/Kg-dry	1	10/19/10 10:41 PM
Vinyl chloride	<0.00106	0.00106	0.00528		mg/Kg-dry	1	10/19/10 10:41 PM
Surr: 1,2-Dichloroethane-d4	108	0	52 - 149		%REC	1	10/19/10 10:41 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/19/10 10:41 PM
Surr: Dibromofluoromethane	98.5	0	65 - 135		%REC	1	10/19/10 10:41 PM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/19/10 10:41 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.6	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: GW EB 02
Lab ID: 1010123-04
Collection Date: 10/18/10 03:35 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.696	0.696	1.99		mg/L	1	10/20/10 11:19 AM
T/R Hydrocarbons: >C12-C28	<0.696	0.696	1.99		mg/L	1	10/20/10 11:19 AM
T/R Hydrocarbons: >C28-C35	<0.696	0.696	1.99		mg/L	1	10/20/10 11:19 AM
T/R Hydrocarbons: C6-C35	<0.696	0.696	1.99		mg/L	1	10/20/10 11:19 AM
Surr: Isopropylbenzene	94.3	0	70 - 130		%REC	1	10/20/10 11:19 AM
Surr: Octacosane	97.1	0	70 - 130		%REC	1	10/20/10 11:19 AM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 01:34 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Naphthalene	0.000126	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 01:34 PM
Surr: 2-Fluorobiphenyl	53.9	0	40 - 140		%REC	1	10/25/10 01:34 PM
Surr: 4-Terphenyl-d14	58.6	0	40 - 140		%REC	1	10/25/10 01:34 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 12:40 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 12:40 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
Acetone	0.00629	0.00500	0.0150	J	mg/L	1	10/20/10 12:40 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: GW EB 02
Lab ID: 1010123-04
Collection Date: 10/18/10 03:35 PM
Matrix: Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 12:40 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:40 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 12:40 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 12:40 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 12:40 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:40 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:40 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 12:40 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 12:40 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 12:40 PM
Surr: 1,2-Dichloroethane-d4	95.2	0	72 - 119		%REC	1	10/20/10 12:40 PM
Surr: 4-Bromofluorobenzene	104	0	76 - 119		%REC	1	10/20/10 12:40 PM
Surr: Dibromofluoromethane	99.7	0	85 - 115		%REC	1	10/20/10 12:40 PM
Surr: Toluene-d8	96.8	0	81 - 120		%REC	1	10/20/10 12:40 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: GW FB-1
Lab ID: 1010123-05
Collection Date: 10/18/10 05:00 PM
Matrix: Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 01:04 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 01:04 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
Acetone	0.00561	0.00500	0.0150	J	mg/L	1	10/20/10 01:04 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 01:04 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:04 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:04 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 01:04 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:04 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:04 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:04 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: HCEI 760 SL 11
Lab Order: 1010123

Client Sample ID: GW FB-1
Lab ID: 1010123-05
Collection Date: 10/18/10 05:00 PM
Matrix: Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:04 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:04 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 01:04 PM
Surr: 1,2-Dichloroethane-d4	95.7	0	72 - 119		%REC	1	10/20/10 01:04 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 01:04 PM
Surr: Dibromofluoromethane	99.3	0	85 - 115		%REC	1	10/20/10 01:04 PM
Surr: Toluene-d8	95.6	0	81 - 120		%REC	1	10/20/10 01:04 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020A

Sample ID:	**LCS-43484**	**Batch ID:**	**43484**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 09:03 AM**	**Prep Date:**	**10/19/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	23.4	2.00	25.00	0	93.4	75	125			
Surr: Isopropylbenzene	2.41		2.500		96.5	70	130			
Surr: Octacosane	2.50		2.500		100	70	130			

Sample ID:	**LCSD-43484**	**Batch ID:**	**43484**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 09:12 AM**	**Prep Date:**	**10/19/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	22.6	2.00	25.00	0	90.4	75	125	3.25	20	
Surr: Isopropylbenzene	2.38		2.500		95.1	70	130	0	0	
Surr: Octacosane	2.48		2.500		99.4	70	130	0	0	

Sample ID:	**MB-43484**	**Batch ID:**	**43484**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 09:21 AM**	**Prep Date:**	**10/19/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C12	<0.700	2.00								
T/R Hydrocarbons: >C12-C28	<0.700	2.00								
T/R Hydrocarbons: >C28-C35	<0.700	2.00								
T/R Hydrocarbons: C6-C35	<0.700	2.00								
Surr: Isopropylbenzene	2.29		2.500		91.7	70	130			
Surr: Octacosane	2.43		2.500		97.4	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020A

Sample ID:	**ICV-101020**	**Batch ID:**	**R51871**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 08:46 AM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	970	2.00	1000	0	97.0	75	125			
Surr: Isopropylbenzene	50.1		50.00		100	70	130			
Surr: Octacosane	51.4		50.00		103	70	130			

Sample ID:	**CCV1-101020**	**Batch ID:**	**R51871**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 10:33 AM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	471	2.00	500.0	0	94.1	75	125			
Surr: Isopropylbenzene	24.5		25.00		97.8	70	130			
Surr: Octacosane	25.0		25.00		100	70	130			

Sample ID:	**CCV2-101020**	**Batch ID:**	**R51871**	**TestNo:**	**TX1005**	**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_101020A**	**Analysis Date:**	**10/20/10 11:37 AM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	498	2.00	500.0	0	99.7	75	125			
Surr: Isopropylbenzene	25.5		25.00		102	70	130			
Surr: Octacosane	24.6		25.00		98.4	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020B

Sample ID:	**LCS-43500**	**Batch ID:**	**43500**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 11:56 AM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	241	20.0	250.0	0	96.5	75	125			
Surr: Isopropylbenzene	23.9		25.00		95.7	70	130			
Surr: Octacosane	23.0		25.00		91.8	70	130			

Sample ID:	**LCSD-43500**	**Batch ID:**	**43500**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 12:05 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	251	20.0	250.0	0	100	75	125	3.78	50	
Surr: Isopropylbenzene	24.7		25.00		98.9	70	130	0	0	
Surr: Octacosane	23.8		25.00		95.3	70	130	0	0	

Sample ID:	**MB-43500**	**Batch ID:**	**43500**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 12:14 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C12	<7.00	20.0								
T/R Hydrocarbons: >C12-C28	<7.00	20.0								
T/R Hydrocarbons: >C28-C35	<7.00	20.0								
T/R Hydrocarbons: C6-C35	<7.00	20.0								
Surr: Isopropylbenzene	25.2		25.00		101	70	130			
Surr: Octacosane	24.1		25.00		96.6	70	130			

Sample ID:	**1010124-06BMS**	**Batch ID:**	**43500**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 03:59 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	313	24.4	305.0	0	103	75	125			
Surr: Isopropylbenzene	30.9		30.50		101	70	130			
Surr: Octacosane	30.6		30.50		100	70	130			

Sample ID:	**1010124-06BMSD**	**Batch ID:**	**43500**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 04:08 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	330	24.7	308.4	0	107	75	125	5.04	50	
Surr: Isopropylbenzene	32.6		30.84		106	70	130	0	0	
Surr: Octacosane	30.5		30.84		99.0	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020B

Sample ID:	**ICV-101020**	**Batch ID:**	**R51874**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 08:46 AM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	970	20.0	1000	0	97.0	75	125			
Surr: Isopropylbenzene	50.1		50.00		100	70	130			
Surr: Octacosane	51.4		50.00		103	70	130			

Sample ID:	**CCV2-101020**	**Batch ID:**	**R51874**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 11:37 AM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	498	20.0	500.0	0	99.7	75	125			
Surr: Isopropylbenzene	25.5		25.00		102	70	130			
Surr: Octacosane	24.6		25.00		98.4	70	130			

Sample ID:	**CCV3-101020**	**Batch ID:**	**R51874**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 01:49 PM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	493	20.0	500.0	0	98.6	75	125			
Surr: Isopropylbenzene	26.5		25.00		106	70	130			
Surr: Octacosane	25.5		25.00		102	70	130			

Sample ID:	**CCV4-101020**	**Batch ID:**	**R51874**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 02:38 PM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	525	20.0	500.0	0	105	75	125			
Surr: Isopropylbenzene	26.8		25.00		107	70	130			
Surr: Octacosane	25.9		25.00		103	70	130			

Sample ID:	**CCV5-101020**	**Batch ID:**	**R51874**	**TestNo:**	**TX1005**	**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**GC12_101020B**	**Analysis Date:**	**10/20/10 04:16 PM**	**Prep Date:**	

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35	572	20.0	500.0	0	114	75	125			
Surr: Isopropylbenzene	29.1		25.00		116	70	130			
Surr: Octacosane	26.8		25.00		107	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Sample ID:	**LCS-43506**	**Batch ID:**	**43506**	**TestNo:**	**SW8270C**	**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**GCMS6_101020A**	**Analysis Date:**	**10/20/10 04:07 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Acenaphthene	0.680	0.0500	1.000	0	68.0	56	114			
Acenaphthylene	0.725	0.0500	1.000	0	72.5	56	116			
Anthracene	0.721	0.0500	1.000	0	72.1	40	113			
Benzo[a]anthracene	0.851	0.0500	1.000	0	85.1	52	108			
Benzo[a]pyrene	0.812	0.0500	1.000	0	81.2	48	115			
Benzo[b]fluoranthene	0.891	0.0500	1.000	0	89.1	43	115			
Benzo[g,h,i]perylene	0.878	0.0500	1.000	0	87.8	47	123			
Benzo[k]fluoranthene	0.805	0.0500	1.000	0	80.5	54	118			
Chrysene	0.850	0.0500	1.000	0	85.0	56	115			
Dibenz[a,h]anthracene	0.865	0.0500	1.000	0	86.5	43	120			
Fluoranthene	0.792	0.0500	1.000	0	79.2	41	108			
Fluorene	0.729	0.0500	1.000	0	72.9	47	128			
Indeno[1,2,3-cd]pyrene	0.873	0.0500	1.000	0	87.3	46	119			
Naphthalene	0.715	0.0500	1.000	0	71.5	55	113			
Phenanthrene	0.686	0.0500	1.000	0	68.6	55	114			
Pyrene	0.868	0.0500	1.000	0	86.8	42	125			
Surr: 2-Fluorobiphenyl	2.28		4.000		57.0	40	140			
Surr: 4-Terphenyl-d14	2.81		4.000		70.4	40	140			

Sample ID:	**1010124-06CMS**	**Batch ID:**	**43506**	**TestNo:**	**SW8270C**	**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**GCMS6_101020A**	**Analysis Date:**	**10/20/10 04:38 PM**	**Prep Date:**	**10/20/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Acenaphthene	0.879	0.0613	1.226	0	71.7	56	114			
Acenaphthylene	0.948	0.0613	1.226	0	77.3	56	116			
Anthracene	0.917	0.0613	1.226	0	74.8	40	113			
Benzo[a]anthracene	1.01	0.0613	1.226	0	82.2	52	108			
Benzo[a]pyrene	0.982	0.0613	1.226	0	80.1	48	115			
Benzo[b]fluoranthene	1.01	0.0613	1.226	0	82.5	43	115			
Benzo[g,h,i]perylene	1.05	0.0613	1.226	0	86.0	47	123			
Benzo[k]fluoranthene	0.995	0.0613	1.226	0	81.2	54	118			
Chrysene	1.02	0.0613	1.226	0	83.3	56	115			
Dibenz[a,h]anthracene	0.997	0.0613	1.226	0	81.3	43	120			
Fluoranthene	0.979	0.0613	1.226	0	79.8	41	108			
Fluorene	0.934	0.0613	1.226	0	76.2	47	128			
Indeno[1,2,3-cd]pyrene	1.05	0.0613	1.226	0	85.3	46	119			
Naphthalene	0.881	0.0613	1.226	0	71.9	55	113			
Phenanthrene	0.886	0.0613	1.226	0	72.3	55	114			
Pyrene	1.05	0.0613	1.226	0	85.4	42	125			
Surr: 2-Fluorobiphenyl	2.92		4.903		59.6	40	140			
Surr: 4-Terphenyl-d14	3.41		4.903		69.6	40	140			

Sample ID:	**1010124-06CMSD**	**Batch ID:**	**43506**	**TestNo:**	**SW8270C**	**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**GCMS6_101020A**	**Analysis Date:**	**10/20/10 05:09 PM**	**Prep Date:**	**10/20/10**

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.832	0.0619	1.237	0	67.2	56	114	5.52	30	
Acenaphthylene	0.884	0.0619	1.237	0	71.4	56	116	7.01	30	
Anthracene	0.927	0.0619	1.237	0	74.9	40	113	1.07	30	
Benzo[a]anthracene	1.07	0.0619	1.237	0	86.4	52	108	5.93	30	
Benzo[a]pyrene	1.02	0.0619	1.237	0	82.7	48	115	4.08	30	
Benzo[b]fluoranthene	1.08	0.0619	1.237	0	87.2	43	115	6.43	30	
Benzo[g,h,i]perylene	1.10	0.0619	1.237	0	89.1	47	123	4.53	30	
Benzo[k]fluoranthene	1.04	0.0619	1.237	0	83.7	54	118	3.96	30	
Chrysene	1.07	0.0619	1.237	0	86.6	56	115	4.75	30	
Dibenz[a,h]anthracene	1.08	0.0619	1.237	0	86.9	43	120	7.61	30	
Fluoranthene	1.01	0.0619	1.237	0	81.8	41	108	3.34	30	
Fluorene	0.887	0.0619	1.237	0	71.7	47	128	5.18	30	
Indeno[1,2,3-cd]pyrene	1.11	0.0619	1.237	0	89.6	46	119	5.90	30	
Naphthalene	0.825	0.0619	1.237	0	66.7	55	113	6.61	30	
Phenanthrene	0.896	0.0619	1.237	0	72.4	55	114	1.17	30	
Pyrene	1.10	0.0619	1.237	0	88.7	42	125	4.68	30	
Surr: 2-Fluorobiphenyl	2.60		4.950		52.5	40	140	0	0	
Surr: 4-Terphenyl-d14	3.41		4.950		68.8	40	140	0	0	

Sample ID:	**MB-43506**	**Batch ID:**	**43506**	**TestNo:**	**SW8270C**	**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**GCMS6_101020A**	**Analysis Date:**	**10/20/10 06:10 PM**	**Prep Date:**	**10/20/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.18		4.000		54.5	40	140			
Surr: 4-Terphenyl-d14	2.67		4.000		66.7	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Sample ID:	**ICV-101020**	**Batch ID:**	**R51893**	**TestNo:**	**SW8270C**	**Units:**	**mg/Kg**		
SampType:	**ICV**	**Run ID:**	**GCMS6_101020A**	**Analysis Date:**	**10/20/10 03:34 PM**	**Prep Date:**			

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Acenaphthene	1.99	0.0500	2.000	0	99.3	80	120			
Acenaphthylene	2.12	0.0500	2.000	0	106	80	120			
Anthracene	1.92	0.0500	2.000	0	95.8	80	120			
Benzo[a]anthracene	2.07	0.0500	2.000	0	104	80	120			
Benzo[a]pyrene	2.02	0.0500	2.000	0	101	80	120			
Benzo[b]fluoranthene	2.09	0.0500	2.000	0	105	80	120			
Benzo[g,h,i]perylene	2.13	0.0500	2.000	0	107	80	120			
Benzo[k]fluoranthene	2.04	0.0500	2.000	0	102	80	120			
Chrysene	2.02	0.0500	2.000	0	101	80	120			
Dibenz[a,h]anthracene	2.13	0.0500	2.000	0	107	80	120			
Fluoranthene	2.10	0.0500	2.000	0	105	80	120			
Fluorene	2.06	0.0500	2.000	0	103	80	120			
Indeno[1,2,3-cd]pyrene	2.14	0.0500	2.000	0	107	80	120			
Naphthalene	1.96	0.0500	2.000	0	98.1	80	120			
Phenanthrene	1.84	0.0500	2.000	0	91.8	80	120			
Pyrene	2.20	0.0500	2.000	0	110	80	120			
Surr: 2-Fluorobiphenyl	1.79		2.000		89.3	40	140			
Surr: 4-Terphenyl-d14	1.83		2.000		91.6	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	**LCS-43558**	**Batch ID:**	**43558**	**TestNo:**	**SW8270C**	**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**GCMS6_101025A**	**Analysis Date:**	**10/25/10 11:01 AM**	**Prep Date:**	**10/25/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	**MB-43558**	**Batch ID:**	**43558**	**TestNo:**	**SW8270C**	**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**GCMS6_101025A**	**Analysis Date:**	**10/25/10 01:04 PM**	**Prep Date:**	**10/25/10**

Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	**ICV-101025**	**Batch ID:**	**R51958**	**TestNo:**	**SW8270C**	**Units:**	**mg/L**		
SampType:	**ICV**	**Run ID:**	**GCMS6_101025A**	**Analysis Date:**	**10/25/10 10:30 AM**	**Prep Date:**			

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene	2.06	0.0000500	2.00	0	103	80	120			
Anthracene	1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene	2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene	1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene	2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene	2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene	1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene	1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene	2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene	2.12	0.0000500	2.00	0	106	80	120			
Fluorene	1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene	2.09	0.0000500	2.00	0	104	80	120			
Naphthalene	1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene	1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene	2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl	1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14	1810		2000		90.5	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Sample ID:	**LCS-43492**	**Batch ID:**	**43492**	**TestNo:**	**SW8260B**	**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**GCMS2_101019A**	**Analysis Date:**	**10/19/10 05:40 PM**	**Prep Date:**	**10/19/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0245	0.00500	0.0232	0	106	68	130			
1,1,2,2-Tetrachloroethane	0.0248	0.00500	0.0232	0	107	59	140			
1,1,2-Trichloroethane	0.0240	0.00500	0.0232	0	103	62	127			
1,1,2-Trichlorotrifluoroethane	0.0237	0.0150	0.0232	0	102	57	135			
1,1-Dichloroethane	0.0242	0.00500	0.0232	0	104	73	125			
1,1-Dichloroethene	0.0239	0.00500	0.0232	0	103	65	136			
1,2,4-Trichlorobenzene	0.0266	0.00500	0.0232	0	115	65	131			
1,2-Dibromo-3-chloropropane	0.0250	0.00500	0.0232	0	108	49	135			
1,2-Dibromoethane	0.0248	0.00500	0.0232	0	107	70	124			
1,2-Dichlorobenzene	0.0247	0.00500	0.0232	0	106	74	120			
1,2-Dichloroethane	0.0239	0.00500	0.0232	0	103	72	137			
1,2-Dichloropropane	0.0239	0.00500	0.0232	0	103	71	120			
1,3-Dichlorobenzene	0.0246	0.00500	0.0232	0	106	72	124			
1,4-Dichlorobenzene	0.0249	0.00500	0.0232	0	107	72	125			
2-Butanone	0.0576	0.0150	0.0580	0	99.3	60	135			
2-Hexanone	0.0583	0.0150	0.0580	0	101	50	150			
4-Methyl-2-pentanone	0.0562	0.0150	0.0580	0	97.0	60	135			
Acetone	0.0623	0.0500	0.0580	0	107	40	141			
Benzene	0.0238	0.00500	0.0232	0	103	73	126			
Bromodichloromethane	0.0240	0.00500	0.0232	0	103	72	128			
Bromoform	0.0242	0.00500	0.0232	0	104	66	137			
Bromomethane	0.0245	0.00500	0.0232	0	105	45	141			
Carbon disulfide	0.0241	0.00500	0.0232	0	104	50	150			
Carbon tetrachloride	0.0242	0.00500	0.0232	0	104	67	133			
Chlorobenzene	0.0248	0.00500	0.0232	0	107	75	123			
Chloroethane	0.0240	0.00500	0.0232	0	103	41	141			
Chloroform	0.0243	0.00500	0.0232	0	105	72	124			
Chloromethane	0.0238	0.00500	0.0232	0	103	51	129			
cis-1,2-Dichloroethene	0.0239	0.00500	0.0232	0	103	67	125			
cis-1,3-Dichloropropene	0.0241	0.00500	0.0232	0	104	72	126			
Cyclohexane	0.0250	0.0150	0.0232	0	108	40	158			N
Dibromochloromethane	0.0245	0.00500	0.0232	0	105	66	130			
Dichlorodifluoromethane	0.0256	0.00500	0.0232	0	110	34	136			
Ethylbenzene	0.0249	0.00500	0.0232	0	107	74	127			
Isopropylbenzene	0.0256	0.00500	0.0232	0	110	77	129			
m,p-Xylene	0.0508	0.00500	0.0464	0	109	79	126			
Methyl Acetate	0.0235	0.0150	0.0232	0	101	50	150			
Methyl tert-butyl ether	0.0232	0.00500	0.0232	0	99.9	50	135			
Methylcyclohexane	0.0245	0.0150	0.0232	0	105	50	150			
Methylene chloride	0.0244	0.00500	0.0232	0	105	63	137			
o-Xylene	0.0250	0.00500	0.0232	0	108	77	125			
Styrene	0.0250	0.00500	0.0232	0	108	74	128			
Tetrachloroethene	0.0251	0.00500	0.0232	0	108	67	139			
Toluene	0.0238	0.00500	0.0232	0	103	71	127			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

trans-1,2-Dichloroethene	0.0246	0.00500	0.0232	0	106	66	134
trans-1,3-Dichloropropene	0.0243	0.00500	0.0232	0	105	65	127
Trichloroethene	0.0240	0.00500	0.0232	0	103	77	124
Trichlorofluoromethane	0.0240	0.0150	0.0232	0	103	49	139
Vinyl chloride	0.0231	0.00500	0.0232	0	99.6	58	126
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101	52	149
Surr: 4-Bromofluorobenzene	50.4		50.00		101	84	118
Surr: Dibromofluoromethane	49.8		50.00		99.7	65	135
Surr: Toluene-d8	51.4		50.00		103	84	116

Sample ID:	**MB-43492**	**Batch ID:**	**43492**	**TestNo:**	**SW8260B**	**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**GCMS2_101019A**	**Analysis Date:**	**10/19/10 06:50 PM**	**Prep Date:**	**10/19/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Isopropylbenzene	<0.00100	0.00500				
m,p-Xylene	<0.00100	0.00500				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.00100	0.00500				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00500	0.00500				
o-Xylene	<0.00100	0.00500				
Styrene	<0.00100	0.00500				
Tetrachloroethene	<0.00100	0.00500				
Toluene	<0.00100	0.00500				
trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	47.4		50.00	94.9	52	149
Surr: 4-Bromofluorobenzene	51.8		50.00	104	84	118
Surr: Dibromofluoromethane	48.4		50.00	96.8	65	135
Surr: Toluene-d8	51.6		50.00	103	84	116

Sample ID:	**1010124-06AMS**	**Batch ID:**	**43492**	**TestNo:**	**SW8260B**	**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**GCMS2_101019A**	**Analysis Date:**	**10/19/10 07:56 PM**	**Prep Date:**	**10/19/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0260	0.00547	0.0254	0	103	68	130			
1,1,2,2-Tetrachloroethane	0.0181	0.00547	0.0254	0	71.3	59	140			
1,1,2-Trichloroethane	0.0233	0.00547	0.0254	0	91.9	62	127			
1,1,2-Trichlorotrifluoroethane	0.0251	0.0164	0.0254	0	98.9	57	135			
1,1-Dichloroethane	0.0254	0.00547	0.0254	0	100	73	125			
1,1-Dichloroethene	0.0254	0.00547	0.0254	0	100	65	136			
1,2,4-Trichlorobenzene	0.0246	0.00547	0.0254	0	96.9	65	131			
1,2-Dibromo-3-chloropropane	0.0219	0.00547	0.0254	0	86.4	49	135			
1,2-Dibromoethane	0.0241	0.00547	0.0254	0	95.0	70	124			
1,2-Dichlorobenzene	0.0250	0.00547	0.0254	0	98.6	74	120			
1,2-Dichloroethane	0.0244	0.00547	0.0254	0	96.2	72	137			
1,2-Dichloropropane	0.0242	0.00547	0.0254	0	95.5	71	120			
1,3-Dichlorobenzene	0.0252	0.00547	0.0254	0	99.2	72	124			
1,4-Dichlorobenzene	0.0249	0.00547	0.0254	0	98.1	72	125			
2-Butanone	0.0522	0.0164	0.0634	0	82.3	60	135			
2-Hexanone	0.0536	0.0164	0.0634	0	84.6	50	150			
4-Methyl-2-pentanone	0.0541	0.0164	0.0634	0	85.3	60	135			
Acetone	0.0561	0.0547	0.0634	0	88.5	40	141			
Benzene	0.0246	0.00547	0.0254	0	97.1	73	126			
Bromodichloromethane	0.0243	0.00547	0.0254	0	95.8	72	128			
Bromoform	0.0233	0.00547	0.0254	0	92.0	66	137			
Bromomethane	0.0267	0.00547	0.0254	0	105	45	141			
Carbon disulfide	0.0255	0.00547	0.0254	0	101	50	150			
Carbon tetrachloride	0.0256	0.00547	0.0254	0	101	67	133			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Chlorobenzene	0.0254	0.00547	0.0254	0	100	75	123	
Chloroethane	0.0262	0.00547	0.0254	0	103	41	141	
Chloroform	0.0252	0.00547	0.0254	0	99.2	72	124	
Chloromethane	0.0257	0.00547	0.0254	0	101	51	129	
cis-1,2-Dichloroethene	0.0246	0.00547	0.0254	0	97.0	67	125	
cis-1,3-Dichloropropene	0.0240	0.00547	0.0254	0	94.4	72	126	
Cyclohexane	0.0261	0.0164	0.0254	0	103	40	158	N
Dibromochloromethane	0.0243	0.00547	0.0254	0	95.7	66	130	
Dichlorodifluoromethane	0.0293	0.00547	0.0254	0	116	34	136	
Ethylbenzene	0.0258	0.00547	0.0254	0	102	74	127	
Isopropylbenzene	0.0265	0.00547	0.0254	0	104	77	129	
m,p-Xylene	0.0523	0.00547	0.0507	0	103	79	126	
Methyl Acetate	0.0214	0.0164	0.0254	0	84.5	50	150	
Methyl tert-butyl ether	0.0228	0.00547	0.0254	0	89.7	50	135	
Methylcyclohexane	0.0256	0.0164	0.0254	0	101	50	150	
Methylene chloride	0.0254	0.00547	0.0254	0	100	63	137	
o-Xylene	0.0260	0.00547	0.0254	0	103	77	125	
Styrene	0.0258	0.00547	0.0254	0	102	74	128	
Tetrachloroethene	0.0268	0.00547	0.0254	0	106	67	139	
Toluene	0.0247	0.00547	0.0254	0	97.5	71	127	
trans-1,2-Dichloroethene	0.0254	0.00547	0.0254	0	100	66	134	
trans-1,3-Dichloropropene	0.0239	0.00547	0.0254	0	94.3	65	127	
Trichloroethene	0.0301	0.00547	0.0254	0	119	77	124	
Trichlorofluoromethane	0.0262	0.0164	0.0254	0	103	49	139	
Vinyl chloride	0.0251	0.00547	0.0254	0	99.0	58	126	
Surr: 1,2-Dichloroethane-d4	54.2		54.68		99.2	52	149	
Surr: 4-Bromofluorobenzene	55.8		54.68		102	84	118	
Surr: Dibromofluoromethane	53.1		54.68		97.0	65	135	
Surr: Toluene-d8	56.9		54.68		104	84	116	

Sample ID:	**1010124-06AMSD**	**Batch ID:**	**43492**	**TestNo:**	**SW8260B**	**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**GCMS2_101019A**	**Analysis Date:**	**10/19/10 08:29 PM**	**Prep Date:**	**10/19/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0246	0.00535	0.0248	0	99.1	68	130	5.61	30	
1,1,2,2-Tetrachloroethane	0.0174	0.00535	0.0248	0	69.9	59	140	4.16	30	
1,1,2-Trichloroethane	0.0229	0.00535	0.0248	0	92.0	62	127	2.01	30	
1,1,2-Trichlorotrifluoroethane	0.0241	0.0161	0.0248	0	97.0	57	135	4.09	30	
1,1-Dichloroethane	0.0246	0.00535	0.0248	0	99.1	73	125	3.27	30	
1,1-Dichloroethene	0.0248	0.00535	0.0248	0	100	65	136	2.45	30	
1,2,4-Trichlorobenzene	0.0246	0.00535	0.0248	0	99.1	65	131	0.092	30	
1,2-Dibromo-3-chloropropane	0.0232	0.00535	0.0248	0	93.2	49	135	5.43	30	
1,2-Dibromoethane	0.0240	0.00535	0.0248	0	96.8	70	124	0.308	30	
1,2-Dichlorobenzene	0.0244	0.00535	0.0248	0	98.1	74	120	2.59	30	
1,2-Dichloroethane	0.0233	0.00535	0.0248	0	93.9	72	137	4.55	30	
1,2-Dichloropropane	0.0237	0.00535	0.0248	0	95.5	71	120	2.15	30	
1,3-Dichlorobenzene	0.0245	0.00535	0.0248	0	98.5	72	124	2.80	30	
1,4-Dichlorobenzene	0.0248	0.00535	0.0248	0	100	72	125	0.279	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

2-Butanone	0.0535	0.0161	0.0621	0	86.2	60	135	2.49	30	
2-Hexanone	0.0561	0.0161	0.0621	0	90.3	50	150	4.44	30	
4-Methyl-2-pentanone	0.0560	0.0161	0.0621	0	90.2	60	135	3.39	30	
Acetone	0.0557	0.0535	0.0621	0	89.7	40	141	0.815	30	
Benzene	0.0241	0.00535	0.0248	0	97.0	73	126	2.28	30	
Bromodichloromethane	0.0234	0.00535	0.0248	0	94.4	72	128	3.65	30	
Bromoform	0.0227	0.00535	0.0248	0	91.6	66	137	2.62	30	
Bromomethane	0.0249	0.00535	0.0248	0	100	45	141	7.06	30	
Carbon disulfide	0.0245	0.00535	0.0248	0	98.5	50	150	4.36	30	
Carbon tetrachloride	0.0241	0.00535	0.0248	0	97.1	67	133	6.20	30	
Chlorobenzene	0.0248	0.00535	0.0248	0	99.9	75	123	2.28	30	
Chloroethane	0.0244	0.00535	0.0248	0	98.4	41	141	6.90	30	
Chloroform	0.0247	0.00535	0.0248	0	99.4	72	124	1.93	30	
Chloromethane	0.0240	0.00535	0.0248	0	96.5	51	129	7.12	30	
cis-1,2-Dichloroethene	0.0239	0.00535	0.0248	0	96.2	67	125	3.04	30	
cis-1,3-Dichloropropene	0.0230	0.00535	0.0248	0	92.8	72	126	3.90	30	
Cyclohexane	0.0249	0.0161	0.0248	0	100	40	158	4.53	30	N
Dibromochloromethane	0.0243	0.00535	0.0248	0	98.0	66	130	0.253	30	
Dichlorodifluoromethane	0.0274	0.00535	0.0248	0	110	34	136	7.00	30	
Ethylbenzene	0.0251	0.00535	0.0248	0	101	74	127	2.79	30	
Isopropylbenzene	0.0255	0.00535	0.0248	0	103	77	129	3.73	30	
m,p-Xylene	0.0509	0.00535	0.0497	0	103	79	126	2.63	30	
Methyl Acetate	0.0213	0.0161	0.0248	0	85.6	50	150	0.833	30	
Methyl tert-butyl ether	0.0227	0.00535	0.0248	0	91.3	50	135	0.435	30	
Methylcyclohexane	0.0245	0.0161	0.0248	0	98.5	50	150	4.70	30	
Methylene chloride	0.0246	0.00535	0.0248	0	99.1	63	137	3.40	30	
o-Xylene	0.0252	0.00535	0.0248	0	102	77	125	3.12	30	
Styrene	0.0251	0.00535	0.0248	0	101	74	128	2.83	30	
Tetrachloroethene	0.0262	0.00535	0.0248	0	105	67	139	2.35	30	
Toluene	0.0239	0.00535	0.0248	0	96.3	71	127	3.35	30	
trans-1,2-Dichloroethene	0.0245	0.00535	0.0248	0	98.8	66	134	3.45	30	
trans-1,3-Dichloropropene	0.0228	0.00535	0.0248	0	91.8	65	127	4.84	30	
Trichloroethene	0.0298	0.00535	0.0248	0	120	77	124	1.17	30	
Trichlorofluoromethane	0.0242	0.0161	0.0248	0	97.6	49	139	7.90	30	
Vinyl chloride	0.0237	0.00535	0.0248	0	95.3	58	126	5.97	30	
Surr: 1,2-Dichloroethane-d4	51.9		53.52		97.0	52	149	0	0	
Surr: 4-Bromofluorobenzene	55.0		53.52		103	84	118	0	0	
Surr: Dibromofluoromethane	51.3		53.52		95.9	65	135	0	0	
Surr: Toluene-d8	56.9		53.52		106	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Sample ID:	**ICV-101019**	**Batch ID:**	**R51861**	**TestNo:**	**SW8260B**	**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**GCMS2_101019A**	**Analysis Date:**	**10/19/10 05:05 PM**	**Prep Date:**	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0484	0.00500	0.0464	0	104	70	130			
1,1,2,2-Tetrachloroethane	0.0478	0.00500	0.0464	0	103	70	130			
1,1,2-Trichloroethane	0.0474	0.00500	0.0464	0	102	70	130			
1,1,2-Trichlorotrifluoroethane	0.0462	0.0150	0.0464	0	99.7	70	130			
1,1-Dichloroethane	0.0478	0.00500	0.0464	0	103	70	130			
1,1-Dichloroethene	0.0459	0.00500	0.0464	0	98.9	80	120			
1,2,4-Trichlorobenzene	0.0500	0.00500	0.0464	0	108	70	130			
1,2-Dibromo-3-chloropropane	0.0506	0.00500	0.0464	0	109	70	130			
1,2-Dibromoethane	0.0486	0.00500	0.0464	0	105	70	130			
1,2-Dichlorobenzene	0.0473	0.00500	0.0464	0	102	70	130			
1,2-Dichloroethane	0.0478	0.00500	0.0464	0	103	70	130			
1,2-Dichloropropane	0.0467	0.00500	0.0464	0	101	80	120			
1,3-Dichlorobenzene	0.0468	0.00500	0.0464	0	101	70	130			
1,4-Dichlorobenzene	0.0471	0.00500	0.0464	0	101	70	130			
2-Butanone	0.113	0.0150	0.116	0	97.8	70	130			
2-Hexanone	0.114	0.0150	0.116	0	98.4	70	130			
4-Methyl-2-pentanone	0.110	0.0150	0.116	0	94.5	70	130			
Acetone	0.124	0.0500	0.116	0	107	70	130			
Benzene	0.0457	0.00500	0.0464	0	98.6	70	130			
Bromodichloromethane	0.0477	0.00500	0.0464	0	103	70	130			
Bromoform	0.0490	0.00500	0.0464	0	106	70	130			
Bromomethane	0.0462	0.00500	0.0464	0	99.7	70	130			
Carbon disulfide	0.0466	0.00500	0.0464	0	100	70	130			
Carbon tetrachloride	0.0483	0.00500	0.0464	0	104	70	130			
Chlorobenzene	0.0477	0.00500	0.0464	0	103	70	130			
Chloroethane	0.0476	0.00500	0.0464	0	103	70	130			
Chloroform	0.0483	0.00500	0.0464	0	104	80	120			
Chloromethane	0.0457	0.00500	0.0464	0	98.4	70	130			
cis-1,2-Dichloroethene	0.0465	0.00500	0.0464	0	100	70	130			
cis-1,3-Dichloropropene	0.0478	0.00500	0.0464	0	103	70	130			
Cyclohexane	0.0479	0.0150	0.0464	0	103	70	130			N
Dibromochloromethane	0.0490	0.00500	0.0464	0	106	70	130			
Dichlorodifluoromethane	0.0492	0.00500	0.0464	0	106	70	130			
Ethylbenzene	0.0480	0.00500	0.0464	0	103	80	120			
Isopropylbenzene	0.0488	0.00500	0.0464	0	105	70	130			
m,p-Xylene	0.0972	0.00500	0.0928	0	105	70	130			
Methyl Acetate	0.0480	0.0150	0.0464	0	103	70	130			
Methyl tert-butyl ether	0.0463	0.00500	0.0464	0	99.7	70	130			
Methylcyclohexane	0.0474	0.0150	0.0464	0	102	70	130			
Methylene chloride	0.0458	0.00500	0.0464	0	98.8	70	130			
o-Xylene	0.0484	0.00500	0.0464	0	104	70	130			
Styrene	0.0489	0.00500	0.0464	0	105	70	130			
Tetrachloroethene	0.0486	0.00500	0.0464	0	105	70	130			
Toluene	0.0463	0.00500	0.0464	0	99.9	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

trans-1,2-Dichloroethene	0.0472	0.00500	0.0464	0	102	70	130
trans-1,3-Dichloropropene	0.0487	0.00500	0.0464	0	105	70	130
Trichloroethene	0.0466	0.00500	0.0464	0	100	70	130
Trichlorofluoromethane	0.0482	0.0150	0.0464	0	104	70	130
Vinyl chloride	0.0445	0.00500	0.0464	0	96.0	80	120
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.9	52	149
Surr: 4-Bromofluorobenzene	50.4		50.00		101	84	118
Surr: Dibromofluoromethane	50.2		50.00		100	65	135
Surr: Toluene-d8	51.2		50.00		102	84	116

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	**LCS-43453**	**Batch ID:**	**43453**	**TestNo:**	**SW8260B**	**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**GCMS5_101020C**	**Analysis Date:**	**10/20/10 10:13 AM**	**Prep Date:**	**10/20/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0232	0.00100	0.0232	0	99.8	67	132			
1,1,2,2-Tetrachloroethane	0.0236	0.00100	0.0232	0	102	63	128			
1,1,2-Trichloroethane	0.0258	0.00100	0.0232	0	111	75	125			
1,1,2-Trichlorotrifluoroethane	0.0226	0.0150	0.0232	0	97.5	67	125			
1,1-Dichloroethane	0.0243	0.00100	0.0232	0	105	69	133			
1,1-Dichloroethene	0.0223	0.00100	0.0232	0	95.9	68	130			
1,2,4-Trichlorobenzene	0.0224	0.00500	0.0232	0	96.6	66	134			
1,2-Dibromo-3-chloropropane	0.0206	0.0100	0.0232	0	88.6	50	132			
1,2-Dibromoethane	0.0248	0.00100	0.0232	0	107	80	121			
1,2-Dichlorobenzene	0.0247	0.00100	0.0232	0	107	75	122			
1,2-Dichloroethane	0.0228	0.00100	0.0232	0	98.2	69	132			
1,2-Dichloropropane	0.0262	0.00100	0.0232	0	113	75	125			
1,3-Dichlorobenzene	0.0239	0.00100	0.0232	0	103	75	124			
1,4-Dichlorobenzene	0.0227	0.00100	0.0232	0	97.8	74	123			
2-Butanone	0.0260	0.0150	0.0232	0	112	49	136			
2-Hexanone	0.0248	0.0150	0.0232	0	107	50	150			
4-Methyl-2-pentanone	0.0245	0.0150	0.0232	0	106	60	134			
Acetone	0.0257	0.0150	0.0232	0	111	40	135			
Benzene	0.0257	0.00100	0.0232	0	111	81	122			
Bromodichloromethane	0.0240	0.00100	0.0232	0	103	76	121			
Bromoform	0.0238	0.00100	0.0232	0	103	69	128			
Bromomethane	0.0205	0.00100	0.0232	0	88.5	53	141			
Carbon disulfide	0.0214	0.0150	0.0232	0	92.1	50	150			
Carbon tetrachloride	0.0220	0.00100	0.0232	0	95.0	66	138			
Chlorobenzene	0.0232	0.00100	0.0232	0	100	81	122			
Chloroethane	0.0228	0.00100	0.0232	0	98.4	58	133			
Chloroform	0.0236	0.00100	0.0232	0	102	69	128			
Chloromethane	0.0248	0.00100	0.0232	0	107	56	131			
cis-1,2-Dichloroethene	0.0259	0.00100	0.0232	0	111	72	126			
cis-1,3-Dichloropropene	0.0239	0.00100	0.0232	0	103	69	131			
Cyclohexane	0.0251	0.0150	0.0232	0	108	40	161			N
Dibromochloromethane	0.0226	0.00100	0.0232	0	97.5	66	133			
Dichlorodifluoromethane	0.0230	0.00100	0.0232	0	99.1	53	153			
Ethylbenzene	0.0239	0.00100	0.0232	0	103	80	120			
Isopropylbenzene	0.0228	0.00100	0.0232	0	98.4	75	127			
m,p-Xylene	0.0498	0.00200	0.0464	0	107	80	120			
Methyl Acetate	0.0247	0.0150	0.0232	0	107	50	150			
Methyl tert-butyl ether	0.0266	0.00100	0.0232	0	115	68	123			
Methylcyclohexane	0.0236	0.0150	0.0232	0	102	70	130			
Methylene chloride	0.0256	0.00250	0.0232	0	110	63	137			
o-Xylene	0.0232	0.00100	0.0232	0	99.8	80	120			
Styrene	0.0234	0.00100	0.0232	0	101	65	134			
Tetrachloroethene	0.0232	0.00200	0.0232	0	100	66	128			
Toluene	0.0247	0.00200	0.0232	0	107	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0253	0.00100	0.0232	0	109	63	137
trans-1,3-Dichloropropene	0.0253	0.00100	0.0232	0	109	59	135
Trichloroethene	0.0245	0.00200	0.0232	0	106	70	127
Trichlorofluoromethane	0.0224	0.00100	0.0232	0	96.3	57	129
Vinyl chloride	0.0252	0.00100	0.0232	0	108	50	134
Surr: 1,2-Dichloroethane-d4	177		200.0		88.6	72	119
Surr: 4-Bromofluorobenzene	195		200.0		97.3	76	119
Surr: Dibromofluoromethane	195		200.0		97.7	85	115
Surr: Toluene-d8	191		200.0		95.5	81	120

Sample ID:	**MB-43453**	**Batch ID:**	**43453**	**TestNo:**	**SW8260B**	**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**GCMS5_101020C**	**Analysis Date:**	**10/20/10 11:03 AM**	**Prep Date:**	**10/20/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Isopropylbenzene	<0.000200	0.00100				
m,p-Xylene	<0.000600	0.00200				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.000300	0.00100				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00250	0.00250				
o-Xylene	<0.000300	0.00100				
Styrene	<0.000200	0.00100				
Tetrachloroethene	<0.000600	0.00200				
Toluene	<0.000600	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000600	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	181		200.0	90.5	72	119
Surr: 4-Bromofluorobenzene	206		200.0	103	76	119
Surr: Dibromofluoromethane	196		200.0	98.1	85	115
Surr: Toluene-d8	194		200.0	97.0	81	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	**ICV-101020**	**Batch ID:**	**R51895**	**TestNo:**	**SW8260B**	**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**GCMS5_101020C**	**Analysis Date:**	**10/20/10 09:43 AM**	**Prep Date:**	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0465	0.00100	0.0464	0	100	70	130			
1,1,2,2-Tetrachloroethane	0.0459	0.00100	0.0464	0	98.8	70	130			
1,1,2-Trichloroethane	0.0523	0.00100	0.0464	0	113	70	130			
1,1,2-Trichlorotrifluoroethane	0.0452	0.0150	0.0464	0	97.4	70	130			
1,1-Dichloroethane	0.0485	0.00100	0.0464	0	105	70	130			
1,1-Dichloroethene	0.0451	0.00100	0.0464	0	97.1	80	120			
1,2,4-Trichlorobenzene	0.0470	0.00500	0.0464	0	101	70	130			
1,2-Dibromo-3-chloropropane	0.0425	0.0100	0.0464	0	91.6	70	130			
1,2-Dibromoethane	0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichlorobenzene	0.0490	0.00100	0.0464	0	106	70	130			
1,2-Dichloroethane	0.0451	0.00100	0.0464	0	97.2	70	130			
1,2-Dichloropropane	0.0523	0.00100	0.0464	0	113	70	130			
1,3-Dichlorobenzene	0.0471	0.00100	0.0464	0	102	70	130			
1,4-Dichlorobenzene	0.0436	0.00100	0.0464	0	94.0	70	130			
2-Butanone	0.0532	0.0150	0.0464	0	115	70	130			
2-Hexanone	0.0488	0.0150	0.0464	0	105	70	130			
4-Methyl-2-pentanone	0.0506	0.0150	0.0464	0	109	70	130			
Acetone	0.0478	0.0150	0.0464	0	103	70	130			
Benzene	0.0512	0.00100	0.0464	0	110	70	130			
Bromodichloromethane	0.0481	0.00100	0.0464	0	104	70	130			
Bromoform	0.0490	0.00100	0.0464	0	106	70	130			
Bromomethane	0.0385	0.00100	0.0464	0	82.9	70	130			
Carbon disulfide	0.0439	0.0150	0.0464	0	94.7	70	130			
Carbon tetrachloride	0.0442	0.00100	0.0464	0	95.3	70	130			
Chlorobenzene	0.0456	0.00100	0.0464	0	98.4	70	130			
Chloroethane	0.0420	0.00100	0.0464	0	90.4	70	130			
Chloroform	0.0473	0.00100	0.0464	0	102	80	120			
Chloromethane	0.0485	0.00100	0.0464	0	105	70	130			
cis-1,2-Dichloroethene	0.0522	0.00100	0.0464	0	112	70	130			
cis-1,3-Dichloropropene	0.0488	0.00100	0.0464	0	105	70	130			
Cyclohexane	0.0503	0.0150	0.0464	0	108	70	130			N
Dibromochloromethane	0.0462	0.00100	0.0464	0	99.5	70	130			
Dichlorodifluoromethane	0.0446	0.00100	0.0464	0	96.1	70	130			
Ethylbenzene	0.0470	0.00100	0.0464	0	101	80	120			
Isopropylbenzene	0.0460	0.00100	0.0464	0	99.0	70	130			
m,p-Xylene	0.0995	0.00200	0.0928	0	107	70	130			
Methyl Acetate	0.0505	0.0150	0.0464	0	109	70	130			
Methyl tert-butyl ether	0.0545	0.00100	0.0464	0	117	70	130			
Methylcyclohexane	0.0482	0.0150	0.0464	0	104	70	130			
Methylene chloride	0.0499	0.00250	0.0464	0	107	70	130			
o-Xylene	0.0467	0.00100	0.0464	0	101	70	130			
Styrene	0.0465	0.00100	0.0464	0	100	70	130			
Tetrachloroethene	0.0481	0.00200	0.0464	0	104	70	130			
Toluene	0.0506	0.00200	0.0464	0	109	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0512	0.00100	0.0464	0	110	70	130
trans-1,3-Dichloropropene	0.0533	0.00100	0.0464	0	115	70	130
Trichloroethene	0.0503	0.00200	0.0464	0	108	70	130
Trichlorofluoromethane	0.0437	0.00100	0.0464	0	94.2	70	130
Vinyl chloride	0.0492	0.00100	0.0464	0	106	80	120
Surr: 1,2-Dichloroethane-d4	178		200.0		89.1	72	119
Surr: 4-Bromofluorobenzene	187		200.0		93.5	76	119
Surr: Dibromofluoromethane	198		200.0		98.8	85	115
Surr: Toluene-d8	191		200.0		95.6	81	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101021B

Sample ID:	**1010124-06C-DUP**	**Batch ID:**	**43533**	**TestNo:**	**D2216**	**Units:**	**WT%**
SampType:	**DUP**	**Run ID:**	**PMOIST_101021B**	**Analysis Date:**	**10/22/10 09:00 AM**	**Prep Date:**	**10/21/10**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	25.4	0	0	23.55				7.55	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010123
Project: Hillcrest CEI

MQL SUMMARY REPORT

Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW8270C	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C	**MDL**	**MQL**
Analyte	**mg/L**	**mg/L**
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

DHL ANALYTICAL

October 27, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

TEL: (210) 492-2558
FAX (210) 492-8935

Order No.: 1010124

RE: Hillcrest CEI

Dear Suzanne Green:

DHL Analytical received 9 sample(s) on 10/19/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

COC# 1977

№ 46643

CHAIN-OF-CUSTODY

CLIENT: GEOSTRATA ENVIRONMENTAL INC
ADDRESS: 4715 College Park San Antonio Tx 78249
PHONE: (210) 492-7282 FAX/E-MAIL: (210) 492-8935
DATA REPORTED TO: SHERRI KRIEG
ADDITIONAL REPORT COPIES TO:

DATE: 10.18.2010 PAGE 1 OF 1
PO #: ~~HCEI~~ 354840 14 DHL WORK ORDER #: 1010124
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: HCEI · 760.5211 COLLECTOR: PV Schram

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☐ MTBE ☐ (METHOD 8021)	TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐	GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐	VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐	SVOC 8270 ☐ (PAH 8270) ☐ HOLD PAH ☐ SVOC 625 ☐	8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ 8270 PCB ☐	8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐	8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐	METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐	RCRA ☐ TX11 ☐	PH ☐ HEX CHROM ☐ ALKALINITY ☐	CHLORIDE ☐ ANIONS	TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐	TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	Low Concentration	Medium Concentration	High Concentration	FIELD NOTES
SO.SB33.01	01	10/18/10	1056	S	VARIOUS	4				✓	✓		✓		✓	✓													✓				
SO.SB33.02	02	10/18/10	1059	S	VARIOUS	4				✓	✓		✓		✓	✓													✓				
SO.SB6.01	03	10/18/10	1219	S	VARIOUS	4				✓	✓		✓		✓	✓													✓				
SO.SB7.01	04	10/18/10	1345	S	VARIOUS	7				✓	✓		✓		✓	✓													✓				
SO.SB7.02	05	10/18/10	1425	S	VARIOUS	7				✓	✓		✓		✓	✓													✓				
SO.SB20.01	06	10/18/10	1540	S	VARIOUS	7				✓	✓		✓		✓	✓													✓				MS/MSD SAMPLE
GW.EB.1	07	10/18/10	1011	W	VARIOUS	8	✓			✓	✓		✓		✓	✓													✓				
SO.FD.01	08	10/18/10	1000	S	VARIOUS	7				✓	✓		✓		✓	✓													✓				DUPLICATE
TRIP BLANK	09	10/18/10		W	40ml Glass	2	✓			✓	·				✓	Hold	per	Chris															
TOTAL																																	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	10/18/10 1830	
PETER V. SCHRAM	10/18/10 1830	Fed ex
Fed ex	10/19/10 950	J Baker

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 3-2 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: Fed ex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express — **US Airbill**

FedEx Tracking Number: 8705 3918 9569

0200 — **Recipient's Copy**

1 From

Date 10/18/10

Sender's Name: GEO STRATA ENVIRON. Phone: 210 492 7282

Company: R GREEN

Address: 4718 College Park — Dept./Floor/Suite/Room

City: SAN ANTONIO State: TX ZIP: 78249

2 Your Internal Billing Reference

3 To

Recipient's Name: Phone: 512 388 8222

Company: DHL ANALYTICAL

☐ HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

☐ HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address: 2300 Double Creek Dr. — Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Print FedEx location address here if a HOLD option is selected.

City: Round Rock State: TX ZIP: 78664

8705 3918 9569

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [x] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. ☐

Total Packages: 1 Total Weight: 70 lbs. Total Declared Value†: $ ____ .00 Credit Card Auth.:

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

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CUSTODY SEAL
DATE 10/18/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name Geo Strata Environmental Consultants

Date Received: 10/19/2010

Work Order Number 1010124

Received by JB

Checklist completed by: [signature] Signature 10/19/10 Date

Reviewed by SS Initials 10-19-10 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.2 °C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

10/26/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 10/26/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010124
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 10/26/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010124

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

DCS REPORTING

RunID:	GC12_101013A	Prep Date:	10/13/2010
SampID:	DCS-43416	Anaysis Date:	10/13/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43416		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	6.37	20	10	63.7	50	200	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	2.24	5	2.32	96.6	50	150	
1,1,1-Trichloroethane	2.30	5	2.32	99.1	60	140	
1,1,2,2-Tetrachloroethane	2.29	5	2.32	98.7	50	150	
1,1,2-Trichloroethane	2.17	5	2.32	93.5	40	160	
1,1,2-Trichlorotrifluoroethane	2.08	15	2.32	89.7	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	2.10	5	2.32	90.5	50	150	
1,1-Dichloropropene	2.22	5	2.32	95.7	30	170	
1,2,3-Trichlorobenzene	3.10	5	2.32	134	20	180	
1,2,3-Trichloropropane	2.16	5	2.32	93.1	20	180	
1,2,4-Trichlorobenzene	2.46	5	2.32	106	20	180	
1,2,4-Trimethylbenzene	2.26	5	2.32	97.4	20	180	
1,2-Dibromo-3-chloropropane	2.20	5	2.32	94.8	20	180	
1,2-Dibromoetbane	2.26	5	2.32	97.4	40	160	
1,2-Dichlorobenzene	2.26	5	2.32	97.4	50	150	
1,2-Dichloroethane	2.39	5	2.32	103	50	150	
1,2-Dichloropropane	2.16	5	2.32	93.1	40	160	
1,3,5-Trimethylbenzene	2.27	5	2.32	97.8	20	180	
1,3-Dichlorobenzene	2.27	5	2.32	97.8	50	150	
1,3-Dichloropropane	2.39	5	2.32	103	50	150	
1,4-Dichloro-2-butene	2.07	5	2.32	89.2	20	180	
1,4-Dichlorobenzene	2.43	5	2.32	105	50	150	
1-Chlorohexane	3.23	5	2.32	139	20	180	
2,2-Dichloropropane	2.09	5	2.32	90.1	40	160	
2-Chloroethylvinylether	1.68	15	2.32	72.4	20	180	
2-Chlorotoluene	2.45	5	2.32	106	50	150	
4-Chlorotoluene	2.40	5	2.32	103	20	180	
Acrolein	4.98	50	5.8	85.9	20	200	
Acrylonitrile	4.24	10	4.64	91.4	30	170	
Benzene	2.16	5	2.32	93.1	50	150	
Bromobenzene	2.26	5	2.32	97.4	50	150	
Bromochloromethane	2.13	5	2.32	91.8	30	170	
Bromodichloromethane	2.17	5	2.32	93.5	50	150	
Bromoform	1.82	5	2.32	78.4	30	120	
Bromomethane	2.78	5	2.32	120	20	200	
Carbon disulfide	2.02	5	2.32	87.1	20	200	
Carbon tetrachloride	2.29	5	2.32	98.7	50	150	
Chlorobenzene	2.35	5	2.32	101	50	150	
Chloroethane	2.29	5	2.32	98.7	20	180	
Chloroform	2.32	5	2.32	100	50	150	
Chloromethane	2.45	5	2.32	106	40	180	
cis-1,2-Dichloroethene	2.10	5	2.32	90.5	50	150	
cis-1,3-Dichloropropene	2.03	5	2.32	87.5	40	160	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Cyclohexane	2.10	15	2.32	90.5	20	180	
Dibromochloromethane	2.04	5	2.32	87.9	40	160	
Dibromomethane	2.19	5	2.32	94.4	50	150	
Dichlorodifluoromethane	1.86	5	2.32	80.2	50	150	
Ethylbenzene	2.30	5	2.32	99.1	60	140	
Hexachlorobutadiene	2.60	5	2.32	112	20	200	
Iodomethane	2.08	5	2.32	89.7	20	200	
Isopropyl alcohol	7.06	50	5.8	122	20	200	
Isopropylbenzene	2.32	5	2.32	100	30	170	
m,p-Xylene	4.53	5	4.64	97.6	40	160	
Methyl Acetate	2.49	15	2.32	107	30	180	
Methyl tert-butyl ether	2.30	5	2.32	99.1	50	150	
Methylcyclohexane	2.11	15	2.32	90.9	20	200	
Methylene chloride	3.19	5	2.32	138	20	200	
n-Butylbenzene	2.19	5	2.32	94.4	20	180	
n-Propylbenzene	2.26	5	2.32	97.4	40	160	
Naphthalene	3.05	15	2.32	131	20	200	
o-Xylene	2.28	5	2.32	98.3	30	170	
p-Isopropyltoluene	2.22	5	2.32	95.7	20	180	
sec-Butylbenzene	2.29	5	2.32	98.7	30	170	
Styrene	2.09	5	2.32	90.1	20	200	
tert-Butylbenzene	2.33	5	2.32	100	20	180	
Tetrachloroethene	2.25	5	2.32	97.0	50	150	
Toluene	2.28	5	2.32	98.3	40	160	
Total Xylenes	6.81	5	6.96	97.8	30	170	
trans-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	
trans-1,3-Dichloropropene	1.95	5	2.32	84.1	40	160	
Trichloroethene	2.07	5	2.32	89.2	50	150	
Trichlorofluoromethane	2.33	15	2.32	100	50	150	
Vinyl acetate	5.59	15	5.8	96.4	20	200	
Vinyl chloride	2.04	5	2.32	87.9	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS2-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R50959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	2.82	15	2.32	122	40	160	
2-Hexanone	2.68	15	2.32	116	20	180	
4-Methyl-2-pentanone	2.35	15	2.32	101	50	150	
Acetone	2.25	50	2.32	97.0	20	200	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS-42635	Anaysis Date:	8/16/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1-Trichloroethane	0.170	1	0.232	73.3	60	140	
1,1,2,2-Tetrachloroethane	0.140	1	0.232	60.3	50	150	
1,1-Dichloroethane	0.190	1	0.232	81.9	50	150	
1,1-Dichloroethene	0.190	1	0.232	81.9	50	150	
1,2-Dichloroethane	0.210	1	0.232	90.5	50	150	
1,3-Dichlorobenzene	0.170	1	0.232	73.3	50	150	
1,3-Dichloropropane	0.140	1	0.232	60.3	50	150	
2-Chlorotoluene	0.180	1	0.232	77.6	50	150	
4-Chlorotoluene	0.160	1	0.232	69.0	20	180	
Benzene	0.230	1	0.232	99.1	50	150	
Bromobenzene	0.190	1	0.232	81.9	50	150	
Bromodichloromethane	0.210	1	0.232	90.5	50	150	
Bromomethane	0.200	1	0.232	86.2	20	200	
Chlorobenzene	0.290	1	0.232	125	50	150	
Chloroform	0.220	1	0.232	94.8	50	150	
Chloromethane	0.200	1	0.232	86.2	40	180	
cis-1,2-Dichloroethene	0.200	1	0.232	86.2	50	150	
Dibromochloromethane	0.180	1	0.232	77.6	40	160	
Dibromomethane	0.250	1	0.232	108	50	150	
Dichlorodifluoromethane	0.170	1	0.232	73.3	50	150	
Ethyl tert-butyl ether (ETBE)	0.120	2	0.232	51.7	20	200	
Ethylbenzene	0.180	1	0.232	77.6	60	140	
Methyl tert-butyl ether	0.190	1	0.232	81.9	50	150	
n-Propylbenzene	0.170	1	0.232	73.3	40	160	
Total THMs	0.610	1	0.928	65.7	30	160	
trans-1,2-Dichloroethene	0.160	1	0.232	69.0	50	150	
Tricblorofluoromethane	0.210	1	0.232	90.5	50	150	
Vinyl chloride	0.180	1	0.232	77.6	50	150	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS2-42635	Anaysis Date:	8/16/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.350	1	0.464	75.4	50	150	
1,1,2-Trichloroethane	0.350	1	0.464	75.4	40	160	
1,1-Dichloropropene	0.300	1	0.464	64.7	30	170	
1,2-Dibromoethane	0.300	1	0.464	64.7	40	160	
1,2-Dichloropropane	0.370	1	0.464	79.7	40	160	
1,4-Dichlorobenzene	0.330	1	0.464	71.1	50	150	
2,2-Dichloropropane	0.310	1	0.464	66.8	40	160	
Acrolein	4.44	15	4.64	95.7	20	200	
Acrylonitrile	1.51	3	0.928	163	30	170	
Bromochloromethane	0.180	1	0.464	38.8	30	170	
Carbon tetrachloride	0.360	1	0.464	77.6	50	150	
Isopropyl alcohol	2.99	15	4.64	64.4	20	200	
tert-Butylbenzene	0.740	1	0.464	159	20	180	
Vinyl acetate	2.36	10	4.64	50.9	20	200	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS3-42635	Anaysis Date:	8/17/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,3-Trichloropropane	0.960	1	0.928	103	20	180	
1,2,4-Trimethylbenzene	0.480	5	0.928	51.7	20	180	
1,2-Dichlorobenzene	1.26	1	0.928	136	50	150	
1,3,5-Trimethylbenzene	0.590	5	0.928	63.6	20	180	
1-Chlorohexane	1.40	5	0.928	151	20	180	
Bromoform	1.14	1	0.928	123	30	150	
Chloroethane	0.830	1	0.928	89.4	20	180	
cis-1,3-Dichloropropene	1.15	1	0.928	124	40	160	
Hexachlorobutadiene	1.47	3	0.928	158	20	200	
Isopropyl ether (DIPE)	1.23	2	0.928	133	20	200	
Isopropylbenzene	1.18	1	0.928	127	30	170	
m,p-Xylene	2.22	2	1.856	120	40	160	
Methylene chloride	0.780	2.5	0.928	84.1	20	200	
n-Butylbenzene	1.46	1	0.928	157	20	180	
o-Xylene	1.35	1	0.928	145	30	170	
p-Isopropyltoluene	1.35	1	0.928	145	20	180	
sec-Butylbenzene	1.19	1	0.928	128	30	170	
Tert-amyl methyl ether (TAME)	1.04	2	0.928	112	20	200	
Tert-butanol (TBA)	7.51	20	4.64	162	20	200	
Tetrachloroethene	0.780	2	0.928	84.1	50	150	
Toluene	0.870	2	0.928	93.8	40	160	
Total Xylenes	3.57	1	2.784	128	30	170	
trans-1,3-Dichloropropene	1.30	1	0.928	140	40	160	
Trichloroethene	0.780	2	0.928	84.1	50	150	

DCS REPORTING

RunID:	GCMS5_100816A	Prep Date:	8/16/2010
SampID:	DCS4-42635	Anaysis Date:	8/17/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42635		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	4.09	15	4.64	88.1	40	160	
1,2,3-Trichlorobenzene	5.72	5	4.64	123	20	180	
1,2,4-Trichlorobenzene	5.92	5	4.64	128	20	180	
1,2-Dibromo-3-chloropropane	6.04	10	4.64	130	20	180	
1,4-Dichloro-2-butene	3.60	5	4.64	77.6	20	180	
2-Butanone	3.68	15	4.64	79.3	40	160	
2-Chloroethylvinylether	6.77	15	4.64	146	20	180	
2-Hexanone	6.95	15	4.64	150	20	180	
4-Methyl-2-pentanone	3.66	15	4.64	78.9	50	150	
Acetone	4.54	15	4.64	97.8	20	200	
Carbon disulfide	4.12	15	4.64	88.8	20	200	
Cyclohexane	3.32	15	4.64	71.6	20	180	
Iodomethane	7.29	15	4.64	157	20	200	
Methyl Acetate	4.58	15	4.64	98.7	30	180	
Methylcyclohexane	3.49	15	4.64	75.2	20	200	
Naphthalene	6.48	15	4.64	140	20	200	

DCS REPORTING

RunID:	GCMS6_101008B	Prep Date:	10/8/2010
SampID:	DCS2-43366-PAH	Anaysis Date:	10/8/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	43366		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00395	0.01	0.01	39.5	10	200	
2-Methylnaphthalene	0.00486	0.01	0.01	48.6	10	200	
Acenaphthene	0.00743	0.01	0.01	74.3	10	200	
Acenaphthylene	0.00588	0.01	0.01	58.8	10	200	
Anthracene	0.00595	0.01	0.01	59.5	10	200	
Benzo[a]anthracene	0.00886	0.01	0.01	88.6	10	200	
Benzo[a]pyrene	0.00760	0.01	0.01	76.0	10	200	
Benzo[b]fluoranthene	0.00858	0.01	0.01	85.8	10	200	
Benzo[e]pyrene	0.00696	0.01	0.01	69.6	10	200	
Benzo[g,h,i]perylene	0.00827	0.01	0.01	82.7	10	200	
Benzo[k]fluoranthene	0.00735	0.01	0.01	73.5	10	200	
Biphenyl	0.00871	0.01	0.01	87.1	10	200	
Chrysene	0.00965	0.01	0.01	96.5	10	200	
Dibenz[a,h]anthracene	0.00966	0.01	0.01	96.6	10	200	
Fluoranthene	0.00775	0.01	0.01	77.5	10	200	
Fluorene	0.00526	0.01	0.01	52.6	10	200	
Indeno[1,2,3-cd]pyrene	0.00897	0.01	0.01	89.7	10	200	
Naphthalene	0.00770	0.01	0.01	77.0	10	200	
Phenanthrene	0.00720	0.01	0.01	72.0	10	200	
Pyrene	0.00779	0.01	0.01	77.9	10	200	
Quinoline	0.00580	0.01	0.01	58.0	10	200	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics by GCMS (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS (soil & water)
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/19/2010. A total of 9 samples were received. The samples arrived in good condition and were properly packaged. Analysis for Trip Blank was put on hold per client's request, on 10/19/2010.

Exception Report R7-01

For Volatiles, TX1005 and PAH Organics Analysis, for soils, the reference sample designated for the MS/MSDs is SO-SB20-01 (1010124-06). An MS/MSD is not applicable for the Equipment Blank.

DHL Analytical

Date: 10/26/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010124-01	SO-SB33-01		10/18/10 10:56 AM	10/19/10
1010124-02	SO-SB33-02		10/18/10 10:59 AM	10/19/10
1010124-03	SO-SB6-01		10/18/10 12:19 PM	10/19/10
1010124-04	SO-SB7-01		10/18/10 01:45 PM	10/19/10
1010124-05	SO-SB7-02		10/18/10 02:25 PM	10/19/10
1010124-06	SO-SB20-01		10/18/10 03:40 PM	10/19/10
1010124-07	GW-EB-1		10/18/10 10:11 AM	10/19/10
1010124-08	SO-FD-01		10/18/10 10:00 AM	10/19/10
1010124-09	Trip Blank		10/18/10	10/19/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010124-01A	SO-SB33-01	10/18/10 10:56 AM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-01B	SO-SB33-01	10/18/10 10:56 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
	SO-SB33-01	10/18/10 10:56 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB33-01	10/18/10 10:56 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-02A	SO-SB33-02	10/18/10 10:59 AM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-02B	SO-SB33-02	10/18/10 10:59 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
	SO-SB33-02	10/18/10 10:59 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB33-02	10/18/10 10:59 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-03A	SO-SB6-01	10/18/10 12:19 PM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-03B	SO-SB6-01	10/18/10 12:19 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
	SO-SB6-01	10/18/10 12:19 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB6-01	10/18/10 12:19 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-04A	SO-SB7-01	10/18/10 01:45 PM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-04B	SO-SB7-01	10/18/10 01:45 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
1010124-04C	SO-SB7-01	10/18/10 01:45 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB7-01	10/18/10 01:45 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-05A	SO-SB7-02	10/18/10 02:25 PM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-05B	SO-SB7-02	10/18/10 02:25 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
1010124-05C	SO-SB7-02	10/18/10 02:25 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB7-02	10/18/10 02:25 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-06A	SO-SB20-01	10/18/10 03:40 PM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-06B	SO-SB20-01	10/18/10 03:40 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500
1010124-06C	SO-SB20-01	10/18/10 03:40 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-SB20-01	10/18/10 03:40 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010124-07A	GW-EB-1	10/18/10 10:11 AM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010124-07B	GW-EB-1	10/18/10 10:11 AM	Equip Blank	TX1005	TX1005 Water Prep	10/19/10 01:25 PM	43484
1010124-07C	GW-EB-1	10/18/10 10:11 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010124-08A	SO-FD-01	10/18/10 10:00 AM	Soil	SW5035	Purge and Trap 5035	10/19/10 04:19 PM	43492
1010124-08B	SO-FD-01	10/18/10 10:00 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 10:23 AM	43500

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010124-08C	SO-FD-01	10/18/10 10:00 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/20/10 01:34 PM	43506
	SO-FD-01	10/18/10 10:00 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010124-01A	SO-SB33-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/19/10 11:15 PM	GCMS2_101019A
1010124-01B	SO-SB33-01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 07:41 PM	GCMS6_101020A
	SO-SB33-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
	SO-SB33-01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:05 PM	GC12_101020B
1010124-02A	SO-SB33-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/19/10 11:49 PM	GCMS2_101019A
1010124-02B	SO-SB33-02	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 08:12 PM	GCMS6_101020A
	SO-SB33-02	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
	SO-SB33-02	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:14 PM	GC12_101020B
1010124-03A	SO-SB6-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/20/10 12:23 AM	GCMS2_101019A
1010124-03B	SO-SB6-01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 08:43 PM	GCMS6_101020A
	SO-SB6-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
	SO-SB6-01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:23 PM	GC12_101020B
1010124-04A	SO-SB7-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/20/10 12:56 AM	GCMS2_101019A
1010124-04B	SO-SB7-01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:32 PM	GC12_101020B
1010124-04C	SO-SB7-01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 09:13 PM	GCMS6_101020A
	SO-SB7-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010124-05A	SO-SB7-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/20/10 01:27 AM	GCMS2_101019A
1010124-05B	SO-SB7-02	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:41 PM	GC12_101020B
1010124-05C	SO-SB7-02	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 09:44 PM	GCMS6_101020A
	SO-SB7-02	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010124-06A	SO-SB20-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/19/10 07:22 PM	GCMS2_101019A
1010124-06B	SO-SB20-01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 03:50 PM	GC12_101020B
1010124-06C	SO-SB20-01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 10:14 PM	GCMS6_101020A
	SO-SB20-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010124-07A	GW-EB-1	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 01:29 PM	GCMS5_101020C
1010124-07B	GW-EB-1	Equip Blank	TX1005	Tx1005 TPH Water	43484	1	10/20/10 11:28 AM	GC12_101020A
1010124-07C	GW-EB-1	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 02:05 PM	GCMS6_101025A
1010124-08A	SO-FD-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43492	1	10/20/10 02:02 AM	GCMS2_101019A
1010124-08B	SO-FD-01	Soil	TX1005	Tx1005 TPH Soil	43500	1	10/20/10 04:25 PM	GC12_101020B

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010124

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010124-08C	SO-FD-01	Soil	SW8270C	PAHs: GC/MS	43506	1	10/20/10 10:45 PM	GCMS6_101020A
	SO-FD-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB33-01
Project:	Hillcrest CEI	Lab ID:	1010124-01
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:56 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.30	8.30	23.7		mg/Kg-dry	1	10/20/10 03:05 PM
T/R Hydrocarbons: >C12-C28	<8.30	8.30	23.7		mg/Kg-dry	1	10/20/10 03:05 PM
T/R Hydrocarbons: >C28-C35	<8.30	8.30	23.7		mg/Kg-dry	1	10/20/10 03:05 PM
T/R Hydrocarbons: C6-C35	<8.30	8.30	23.7		mg/Kg-dry	1	10/20/10 03:05 PM
Surr: Isopropylbenzene	100	0	70 - 130		%REC	1	10/20/10 03:05 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/20/10 03:05 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Acenaphthylene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Anthracene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Benzo[a]anthracene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Benzo[a]pyrene	<0.0338	0.0338	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Benzo[b]fluoranthene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Benzo[g,h,i]perylene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Benzo[k]fluoranthene	<0.0338	0.0338	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Chrysene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Dibenz[a,h]anthracene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Fluoranthene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Fluorene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Naphthalene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Phenanthrene	<0.0113	0.0113	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Pyrene	<0.0226	0.0226	0.0564		mg/Kg-dry	1	10/20/10 07:41 PM
Surr: 2-Fluorobiphenyl	58.3	0	40 - 140		%REC	1	10/20/10 07:41 PM
Surr: 4-Terphenyl-d14	68.6	0	40 - 140		%REC	1	10/20/10 07:41 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,1,2,2-Tetrachloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,1,2-Trichloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,1,2-Trichlorotrifluoroethane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
1,1-Dichloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,1-Dichloroethene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2,4-Trichlorobenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2-Dibromo-3-chloropropane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2-Dibromoethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2-Dichlorobenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2-Dichloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,2-Dichloropropane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,3-Dichlorobenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
1,4-Dichlorobenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
2-Butanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
2-Hexanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
4-Methyl-2-pentanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
Acetone	0.0355	0.0148	0.0494	J	mg/Kg-dry	1	10/19/10 11:15 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB33-01
Project:	Hillcrest CEI	Lab ID:	1010124-01
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:56 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Bromodichloromethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Bromoform	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Bromomethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Carbon disulfide	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Carbon tetrachloride	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Chlorobenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Chloroethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Chloroform	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Chloromethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
cis-1,2-Dichloroethene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
cis-1,3-Dichloropropene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Cyclohexane	<0.00494	0.00494	0.0148	N	mg/Kg-dry	1	10/19/10 11:15 PM
Dibromochloromethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Dichlorodifluoromethane	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Ethylbenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Isopropylbenzene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
m,p-Xylene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Methyl Acetate	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
Methyl tert-butyl ether	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Methylcyclohexane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
Methylene chloride	<0.00494	0.00494	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
o-Xylene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Styrene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Tetrachloroethene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Toluene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
trans-1,2-Dichloroethene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
trans-1,3-Dichloropropene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Trichloroethene	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Trichlorofluoromethane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/19/10 11:15 PM
Vinyl chloride	<0.000989	0.000989	0.00494		mg/Kg-dry	1	10/19/10 11:15 PM
Surr: 1,2-Dichloroethane-d4	121	0	52 - 149		%REC	1	10/19/10 11:15 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/19/10 11:15 PM
Surr: Dibromofluoromethane	99.4	0	65 - 135		%REC	1	10/19/10 11:15 PM
Surr: Toluene-d8	101	0	84 - 116		%REC	1	10/19/10 11:15 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.4	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB33-02
Project:	Hillcrest CEI	Lab ID:	1010124-02
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:59 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.37	8.37	23.9		mg/Kg-dry	1	10/20/10 03:14 PM
T/R Hydrocarbons: >C12-C28	<8.37	8.37	23.9		mg/Kg-dry	1	10/20/10 03:14 PM
T/R Hydrocarbons: >C28-C35	<8.37	8.37	23.9		mg/Kg-dry	1	10/20/10 03:14 PM
T/R Hydrocarbons: C6-C35	<8.37	8.37	23.9		mg/Kg-dry	1	10/20/10 03:14 PM
Surr: Isopropylbenzene	104	0	70 - 130		%REC	1	10/20/10 03:14 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/20/10 03:14 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Acenaphthylene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Anthracene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Benzo[a]anthracene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Benzo[a]pyrene	<0.0351	0.0351	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Benzo[b]fluoranthene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Benzo[g,h,i]perylene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Benzo[k]fluoranthene	<0.0351	0.0351	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Chrysene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Dibenz[a,h]anthracene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Fluoranthene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Fluorene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Naphthalene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Phenanthrene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Pyrene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/20/10 08:12 PM
Surr: 2-Fluorobiphenyl	56.4	0	40 - 140		%REC	1	10/20/10 08:12 PM
Surr: 4-Terphenyl-d14	68.3	0	40 - 140		%REC	1	10/20/10 08:12 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,1,2-Trichlorotrifluoroethane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
1,1-Dichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,1-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2-Dibromoethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2-Dichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,2-Dichloropropane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
2-Butanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
2-Hexanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
4-Methyl-2-pentanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
Acetone	<0.0158	0.0158	0.0526		mg/Kg-dry	1	10/19/10 11:49 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB33-02
Project:	Hillcrest CEI	Lab ID:	1010124-02
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:59 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Bromodichloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Bromoform	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Bromomethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Carbon disulfide	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Carbon tetrachloride	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Chlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Chloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Chloroform	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Chloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Cyclohexane	<0.00526	0.00526	0.0158	N	mg/Kg-dry	1	10/19/10 11:49 PM
Dibromochloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Dichlorodifluoromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Ethylbenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Isopropylbenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
m,p-Xylene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Methyl Acetate	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
Methyl tert-butyl ether	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Methylcyclohexane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
Methylene chloride	<0.00526	0.00526	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
o-Xylene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Styrene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Tetrachloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Toluene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Trichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Trichlorofluoromethane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/19/10 11:49 PM
Vinyl chloride	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/19/10 11:49 PM
Surr: 1,2-Dichloroethane-d4	108	0	52 - 149		%REC	1	10/19/10 11:49 PM
Surr: 4-Bromofluorobenzene	101	0	84 - 118		%REC	1	10/19/10 11:49 PM
Surr: Dibromofluoromethane	98.8	0	65 - 135		%REC	1	10/19/10 11:49 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/19/10 11:49 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.7	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB6-01
Project:	Hillcrest CEI	Lab ID:	1010124-03
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 12:19 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 03:23 PM
T/R Hydrocarbons: >C12-C28	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 03:23 PM
T/R Hydrocarbons: >C28-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 03:23 PM
T/R Hydrocarbons: C6-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 03:23 PM
Surr: Isopropylbenzene	103	0	70 - 130		%REC	1	10/20/10 03:23 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/20/10 03:23 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Acenaphthylene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Anthracene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Benzo[a]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Benzo[a]pyrene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Benzo[b]fluoranthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Benzo[g,h,i]perylene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Benzo[k]fluoranthene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Chrysene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Dibenz[a,h]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Fluoranthene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Fluorene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Indeno[1,2,3-cd]pyrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Naphthalene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Phenanthrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Pyrene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/20/10 08:43 PM
Surr: 2-Fluorobiphenyl	54.0	0	40 - 140		%REC	1	10/20/10 08:43 PM
Surr: 4-Terphenyl-d14	68.4	0	40 - 140		%REC	1	10/20/10 08:43 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,1,2,2-Tetrachloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,1,2-Trichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,1,2-Trichlorotrifluoroethane	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
1,1-Dichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,1-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2,4-Trichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2-Dibromo-3-chloropropane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2-Dibromoethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2-Dichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,2-Dichloropropane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,3-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
1,4-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
2-Butanone	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
2-Hexanone	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
4-Methyl-2-pentanone	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
Acetone	0.0214	0.0156	0.0518	J	mg/Kg-dry	1	10/20/10 12:23 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB6-01
Project:	Hillcrest CEI	Lab ID:	1010124-03
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 12:19 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Bromodichloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Bromoform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Bromomethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Carbon disulfide	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Carbon tetrachloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Chlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Chloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Chloroform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Chloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
cis-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
cis-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Cyclohexane	<0.00518	0.00518	0.0156	N	mg/Kg-dry	1	10/20/10 12:23 AM
Dibromochloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Dichlorodifluoromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Ethylbenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Isopropylbenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
m,p-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Methyl Acetate	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
Methyl tert-butyl ether	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Methylcyclohexane	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
Methylene chloride	<0.00518	0.00518	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
o-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Styrene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Tetrachloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Toluene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
trans-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
trans-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Trichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Trichlorofluoromethane	<0.00518	0.00518	0.0156		mg/Kg-dry	1	10/20/10 12:23 AM
Vinyl chloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/20/10 12:23 AM
Surr: 1,2-Dichloroethane-d4	119	0	52 - 149		%REC	1	10/20/10 12:23 AM
Surr: 4-Bromofluorobenzene	103	0	84 - 118		%REC	1	10/20/10 12:23 AM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/20/10 12:23 AM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/20/10 12:23 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.2	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB7-01
Project:	Hillcrest CEI	Lab ID:	1010124-04
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 01:45 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.41	7.41	21.2		mg/Kg-dry	1	10/20/10 03:32 PM
T/R Hydrocarbons: >C12-C28	<7.41	7.41	21.2		mg/Kg-dry	1	10/20/10 03:32 PM
T/R Hydrocarbons: >C28-C35	<7.41	7.41	21.2		mg/Kg-dry	1	10/20/10 03:32 PM
T/R Hydrocarbons: C6-C35	<7.41	7.41	21.2		mg/Kg-dry	1	10/20/10 03:32 PM
Surr: Isopropylbenzene	98.3	0	70 - 130		%REC	1	10/20/10 03:32 PM
Surr: Octacosane	99.6	0	70 - 130		%REC	1	10/20/10 03:32 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Acenaphthylene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Anthracene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Benzo[a]anthracene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Benzo[a]pyrene	<0.0350	0.0350	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Benzo[b]fluoranthene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Benzo[g,h,i]perylene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Benzo[k]fluoranthene	<0.0350	0.0350	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Chrysene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Dibenz[a,h]anthracene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Fluoranthene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Fluorene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Naphthalene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Phenanthrene	<0.0117	0.0117	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Pyrene	<0.0233	0.0233	0.0583		mg/Kg-dry	1	10/20/10 09:13 PM
Surr: 2-Fluorobiphenyl	57.6	0	40 - 140		%REC	1	10/20/10 09:13 PM
Surr: 4-Terphenyl-d14	71.3	0	40 - 140		%REC	1	10/20/10 09:13 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,1,2,2-Tetrachloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,1,2-Trichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,1,2-Trichlorotrifluoroethane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
1,1-Dichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,1-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2,4-Trichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2-Dibromo-3-chloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2-Dibromoethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2-Dichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,2-Dichloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,3-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
1,4-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
2-Butanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
2-Hexanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
4-Methyl-2-pentanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
Acetone	<0.0144	0.0144	0.0480		mg/Kg-dry	1	10/20/10 12:56 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB7-01
Project:	Hillcrest CEI	Lab ID:	1010124-04
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 01:45 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Bromodichloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Bromoform	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Bromomethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Carbon disulfide	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Carbon tetrachloride	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Chlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Chloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Chloroform	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Chloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
cis-1,2-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
cis-1,3-Dichloropropene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Cyclohexane	<0.00480	0.00480	0.0144	N	mg/Kg-dry	1	10/20/10 12:56 AM
Dibromochloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Dichlorodifluoromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Ethylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Isopropylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
m,p-Xylene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Methyl Acetate	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
Methyl tert-butyl ether	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Methylcyclohexane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
Methylene chloride	<0.00480	0.00480	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
o-Xylene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Styrene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Tetrachloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Toluene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
trans-1,2-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
trans-1,3-Dichloropropene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Trichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Trichlorofluoromethane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	10/20/10 12:56 AM
Vinyl chloride	<0.000960	0.000960	0.00480		mg/Kg-dry	1	10/20/10 12:56 AM
Surr: 1,2-Dichloroethane-d4	110	0	52 - 149		%REC	1	10/20/10 12:56 AM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/20/10 12:56 AM
Surr: Dibromofluoromethane	98.8	0	65 - 135		%REC	1	10/20/10 12:56 AM
Surr: Toluene-d8	101	0	84 - 116		%REC	1	10/20/10 12:56 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	14.3	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB7-02
Project:	Hillcrest CEI	Lab ID:	1010124-05
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 02:25 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.11	8.11	23.2		mg/Kg-dry	1	10/20/10 03:41 PM
T/R Hydrocarbons: >C12-C28	<8.11	8.11	23.2		mg/Kg-dry	1	10/20/10 03:41 PM
T/R Hydrocarbons: >C28-C35	<8.11	8.11	23.2		mg/Kg-dry	1	10/20/10 03:41 PM
T/R Hydrocarbons: C6-C35	<8.11	8.11	23.2		mg/Kg-dry	1	10/20/10 03:41 PM
Surr: Isopropylbenzene	104	0	70 - 130		%REC	1	10/20/10 03:41 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/20/10 03:41 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Acenaphthylene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Anthracene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Benzo[a]anthracene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Benzo[a]pyrene	<0.0362	0.0362	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Benzo[b]fluoranthene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Benzo[g,h,i]perylene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Benzo[k]fluoranthene	<0.0362	0.0362	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Chrysene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Dibenz[a,h]anthracene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Fluoranthene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Fluorene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Indeno[1,2,3-cd]pyrene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Naphthalene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Phenanthrene	<0.0121	0.0121	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Pyrene	<0.0242	0.0242	0.0604		mg/Kg-dry	1	10/20/10 09:44 PM
Surr: 2-Fluorobiphenyl	55.7	0	40 - 140		%REC	1	10/20/10 09:44 PM
Surr: 4-Terphenyl-d14	66.9	0	40 - 140		%REC	1	10/20/10 09:44 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,1,2,2-Tetrachloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,1,2-Trichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,1,2-Trichlorotrifluoroethane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
1,1-Dichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,1-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2,4-Trichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2-Dibromo-3-chloropropane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2-Dibromoethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2-Dichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,2-Dichloropropane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,3-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
1,4-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
2-Butanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
2-Hexanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
4-Methyl-2-pentanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
Acetone	<0.0153	0.0153	0.0510		mg/Kg-dry	1	10/20/10 01:27 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB7-02
Project:	Hillcrest CEI	Lab ID:	1010124-05
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 02:25 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Bromodichloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Bromoform	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Bromomethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Carbon disulfide	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Carbon tetrachloride	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Chlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Chloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Chloroform	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Chloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
cis-1,2-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
cis-1,3-Dichloropropene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Cyclohexane	<0.00510	0.00510	0.0153	N	mg/Kg-dry	1	10/20/10 01:27 AM
Dibromochloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Dichlorodifluoromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Ethylbenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Isopropylbenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
m,p-Xylene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Methyl Acetate	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
Methyl tert-butyl ether	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Methylcyclohexane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
Methylene chloride	<0.00510	0.00510	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
o-Xylene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Styrene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Tetrachloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Toluene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
trans-1,2-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
trans-1,3-Dichloropropene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Trichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Trichlorofluoromethane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/20/10 01:27 AM
Vinyl chloride	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/20/10 01:27 AM
Surr: 1,2-Dichloroethane-d4	122	0	52 - 149		%REC	1	10/20/10 01:27 AM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/20/10 01:27 AM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/20/10 01:27 AM
Surr: Toluene-d8	100	0	84 - 116		%REC	1	10/20/10 01:27 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.5	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB20-01
Project:	Hillcrest CEI	Lab ID:	1010124-06
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 03:40 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 03:50 PM
T/R Hydrocarbons: >C12-C28	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 03:50 PM
T/R Hydrocarbons: >C28-C35	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 03:50 PM
T/R Hydrocarbons: C6-C35	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 03:50 PM
Surr: Isopropylbenzene	102	0	70 - 130		%REC	1	10/20/10 03:50 PM
Surr: Octacosane	97.4	0	70 - 130		%REC	1	10/20/10 03:50 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Acenaphthylene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Anthracene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Benzo[a]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Benzo[a]pyrene	<0.0387	0.0387	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Benzo[b]fluoranthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Benzo[g,h,i]perylene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Benzo[k]fluoranthene	<0.0387	0.0387	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Chrysene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Dibenz[a,h]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Fluoranthene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Fluorene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Indeno[1,2,3-cd]pyrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Naphthalene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Phenanthrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Pyrene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/20/10 10:14 PM
Surr: 2-Fluorobiphenyl	58.4	0	40 - 140		%REC	1	10/20/10 10:14 PM
Surr: 4-Terphenyl-d14	72.4	0	40 - 140		%REC	1	10/20/10 10:14 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,1,2,2-Tetrachloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,1,2-Trichloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,1,2-Trichlorotrifluoroethane	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
1,1-Dichloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,1-Dichloroethene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2,4-Trichlorobenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2-Dibromo-3-chloropropane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2-Dibromoethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2-Dichlorobenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2-Dichloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,2-Dichloropropane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,3-Dichlorobenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
1,4-Dichlorobenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
2-Butanone	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
2-Hexanone	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
4-Methyl-2-pentanone	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
Acetone	<0.0165	0.0165	0.0551		mg/Kg-dry	1	10/19/10 07:22 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB20-01
Project:	Hillcrest CEI	Lab ID:	1010124-06
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 03:40 PM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Bromodichloromethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Bromoform	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Bromomethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Carbon disulfide	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Carbon tetrachloride	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Chlorobenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Chloroethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Chloroform	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Chloromethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
cis-1,2-Dichloroethene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
cis-1,3-Dichloropropene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Cyclohexane	<0.00551	0.00551	0.0165	N	mg/Kg-dry	1	10/19/10 07:22 PM
Dibromochloromethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Dichlorodifluoromethane	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Ethylbenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Isopropylbenzene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
m,p-Xylene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Methyl Acetate	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
Methyl tert-butyl ether	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Methylcyclohexane	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
Methylene chloride	<0.00551	0.00551	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
o-Xylene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Styrene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Tetrachloroethene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Toluene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
trans-1,2-Dichloroethene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
trans-1,3-Dichloropropene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Trichloroethene	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Trichlorofluoromethane	<0.00551	0.00551	0.0165		mg/Kg-dry	1	10/19/10 07:22 PM
Vinyl chloride	<0.00110	0.00110	0.00551		mg/Kg-dry	1	10/19/10 07:22 PM
Surr: 1,2-Dichloroethane-d4	118	0	52 - 149		%REC	1	10/19/10 07:22 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/19/10 07:22 PM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/19/10 07:22 PM
Surr: Toluene-d8	101	0	84 - 116		%REC	1	10/19/10 07:22 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	23.5	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-1
Project:	Hillcrest CEI	Lab ID:	1010124-07
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:11 AM
Lab Order:	1010124	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.693	0.693	1.98		mg/L	1	10/20/10 11:28 AM
T/R Hydrocarbons: >C12-C28	<0.693	0.693	1.98		mg/L	1	10/20/10 11:28 AM
T/R Hydrocarbons: >C28-C35	<0.693	0.693	1.98		mg/L	1	10/20/10 11:28 AM
T/R Hydrocarbons: C6-C35	<0.693	0.693	1.98		mg/L	1	10/20/10 11:28 AM
Surr: Isopropylbenzene	96.6	0	70 - 130		%REC	1	10/20/10 11:28 AM
Surr: Octacosane	97.3	0	70 - 130		%REC	1	10/20/10 11:28 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 02:05 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Naphthalene	0.000148	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:05 PM
Surr: 2-Fluorobiphenyl	59.2	0	40 - 140		%REC	1	10/25/10 02:05 PM
Surr: 4-Terphenyl-d14	67.5	0	40 - 140		%REC	1	10/25/10 02:05 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 01:29 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 01:29 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-1
Project:	Hillcrest CEI	Lab ID:	1010124-07
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:11 AM
Lab Order:	1010124	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 01:29 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:29 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 01:29 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 01:29 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 01:29 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:29 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:29 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 01:29 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 01:29 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 01:29 PM
Surr: 1,2-Dichloroethane-d4	95.9	0	72 - 119		%REC	1	10/20/10 01:29 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 01:29 PM
Surr: Dibromofluoromethane	100	0	85 - 115		%REC	1	10/20/10 01:29 PM
Surr: Toluene-d8	96.1	0	81 - 120		%REC	1	10/20/10 01:29 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-01
Project:	Hillcrest CEI	Lab ID:	1010124-08
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:00 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<9.07	9.07	25.9		mg/Kg-dry	1	10/20/10 04:25 PM
T/R Hydrocarbons: >C12-C28	<9.07	9.07	25.9		mg/Kg-dry	1	10/20/10 04:25 PM
T/R Hydrocarbons: >C28-C35	<9.07	9.07	25.9		mg/Kg-dry	1	10/20/10 04:25 PM
T/R Hydrocarbons: C6-C35	<9.07	9.07	25.9		mg/Kg-dry	1	10/20/10 04:25 PM
Surr: Isopropylbenzene	99.7	0	70 - 130		%REC	1	10/20/10 04:25 PM
Surr: Octacosane	98.4	0	70 - 130		%REC	1	10/20/10 04:25 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Acenaphthylene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Anthracene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Benzo[a]anthracene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Benzo[a]pyrene	<0.0370	0.0370	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Benzo[b]fluoranthene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Benzo[g,h,i]perylene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Benzo[k]fluoranthene	<0.0370	0.0370	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Chrysene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Dibenz[a,h]anthracene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Fluoranthene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Fluorene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Indeno[1,2,3-cd]pyrene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Naphthalene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Phenanthrene	<0.0123	0.0123	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Pyrene	<0.0247	0.0247	0.0617		mg/Kg-dry	1	10/20/10 10:45 PM
Surr: 2-Fluorobiphenyl	63.6	0	40 - 140		%REC	1	10/20/10 10:45 PM
Surr: 4-Terphenyl-d14	75.4	0	40 - 140		%REC	1	10/20/10 10:45 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,1,2-Trichlorotrifluoroethane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
1,1-Dichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,1-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2-Dibromoethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2-Dichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,2-Dichloropropane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
2-Butanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
2-Hexanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
4-Methyl-2-pentanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
Acetone	<0.0157	0.0157	0.0523		mg/Kg-dry	1	10/20/10 02:02 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/26/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-01
Project:	Hillcrest CEI	Lab ID:	1010124-08
Project No:	HCEI 760-SL11	Collection Date:	10/18/10 10:00 AM
Lab Order:	1010124	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Bromodichloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Bromoform	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Bromomethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Carbon disulfide	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Carbon tetrachloride	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Chlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Chloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Chloroform	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Chloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Cyclohexane	<0.00523	0.00523	0.0157	N	mg/Kg-dry	1	10/20/10 02:02 AM
Dibromochloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Dichlorodifluoromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Ethylbenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Isopropylbenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
m,p-Xylene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Methyl Acetate	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
Methyl tert-butyl ether	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Methylcyclohexane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
Methylene chloride	<0.00523	0.00523	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
o-Xylene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Styrene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Tetrachloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Toluene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Trichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Trichlorofluoromethane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/20/10 02:02 AM
Vinyl chloride	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/20/10 02:02 AM
Surr: 1,2-Dichloroethane-d4	115	0	52 - 149		%REC	1	10/20/10 02:02 AM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/20/10 02:02 AM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/20/10 02:02 AM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/20/10 02:02 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.9	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020A

Sample ID:	LCS-43484	Batch ID:	43484		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101020A		Analysis Date:		10/20/10 09:03 AM		Prep Date:		10/19/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.4	2.00	25.00	0	93.4	75	125			
Surr: Isopropylbenzene		2.41		2.500		96.5	70	130			
Surr: Octacosane		2.50		2.500		100	70	130			

Sample ID:	LCSD-43484	Batch ID:	43484		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101020A		Analysis Date:		10/20/10 09:12 AM		Prep Date:		10/19/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.6	2.00	25.00	0	90.4	75	125	3.25	20	
Surr: Isopropylbenzene		2.38		2.500		95.1	70	130	0	0	
Surr: Octacosane		2.48		2.500		99.4	70	130	0	0	

Sample ID:	MB-43484	Batch ID:	43484		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101020A		Analysis Date:		10/20/10 09:21 AM		Prep Date:		10/19/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.29		2.500		91.7	70	130			
Surr: Octacosane		2.43		2.500		97.4	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020A

Sample ID:	ICV-101020	Batch ID:	R51871		TestNo:		TX1005		Units:		mg/L
SampType:	ICV	Run ID:	GC12_101020A		Analysis Date:		10/20/10 08:46 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		970	2.00	1000	0	97.0	75	125			
Surr: Isopropylbenzene		50.1		50.00		100	70	130			
Surr: Octacosane		51.4		50.00		103	70	130			

Sample ID:	CCV1-101020	Batch ID:	R51871		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101020A		Analysis Date:		10/20/10 10:33 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		471	2.00	500.0	0	94.1	75	125			
Surr: Isopropylbenzene		24.5		25.00		97.8	70	130			
Surr: Octacosane		25.0		25.00		100	70	130			

Sample ID:	CCV2-101020	Batch ID:	R51871		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101020A		Analysis Date:		10/20/10 11:37 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		498	2.00	500.0	0	99.7	75	125			
Surr: Isopropylbenzene		25.5		25.00		102	70	130			
Surr: Octacosane		24.6		25.00		98.4	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020B

Sample ID:	LCS-43500	Batch ID:	43500		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCS	Run ID:	GC12_101020B		Analysis Date:		10/20/10 11:56 AM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		241	20.0	250.0	0	96.5	75	125			
Surr: Isopropylbenzene		23.9		25.00		95.7	70	130			
Surr: Octacosane		23.0		25.00		91.8	70	130			

Sample ID:	LCSD-43500	Batch ID:	43500		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCSD	Run ID:	GC12_101020B		Analysis Date:		10/20/10 12:05 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		251	20.0	250.0	0	100	75	125	3.78	50	
Surr: Isopropylbenzene		24.7		25.00		98.9	70	130	0	0	
Surr: Octacosane		23.8		25.00		95.3	70	130	0	0	

Sample ID:	MB-43500	Batch ID:	43500		TestNo:		TX1005		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC12_101020B		Analysis Date:		10/20/10 12:14 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<7.00	20.0								
T/R Hydrocarbons: >C12-C28		<7.00	20.0								
T/R Hydrocarbons: >C28-C35		<7.00	20.0								
T/R Hydrocarbons: C6-C35		<7.00	20.0								
Surr: Isopropylbenzene		25.2		25.00		101	70	130			
Surr: Octacosane		24.1		25.00		96.6	70	130			

Sample ID:	1010124-06BMS	Batch ID:	43500		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC12_101020B		Analysis Date:		10/20/10 03:59 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		313	24.4	305.0	0	103	75	125			
Surr: Isopropylbenzene		30.9		30.50		101	70	130			
Surr: Octacosane		30.6		30.50		100	70	130			

Sample ID:	1010124-06BMSD	Batch ID:	43500		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC12_101020B		Analysis Date:		10/20/10 04:08 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		330	24.7	308.4	0	107	75	125	5.04	50	
Surr: Isopropylbenzene		32.6		30.84		106	70	130	0	0	
Surr: Octacosane		30.5		30.84		99.0	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020B

Sample ID:	ICV-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 08:46 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		970	20.0	1000	0	97.0	75	125			
Surr: Isopropylbenzene		50.1		50.00		100	70	130			
Surr: Octacosane		51.4		50.00		103	70	130			

Sample ID:	CCV2-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 11:37 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		498	20.0	500.0	0	99.7	75	125			
Surr: Isopropylbenzene		25.5		25.00		102	70	130			
Surr: Octacosane		24.6		25.00		98.4	70	130			

Sample ID:	CCV3-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 01:49 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		493	20.0	500.0	0	98.6	75	125			
Surr: Isopropylbenzene		26.5		25.00		106	70	130			
Surr: Octacosane		25.5		25.00		102	70	130			

Sample ID:	CCV4-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 02:38 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		525	20.0	500.0	0	105	75	125			
Surr: Isopropylbenzene		26.8		25.00		107	70	130			
Surr: Octacosane		25.9		25.00		103	70	130			

Sample ID:	CCV5-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 04:16 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		572	20.0	500.0	0	114	75	125			
Surr: Isopropylbenzene		29.1		25.00		116	70	130			
Surr: Octacosane		26.8		25.00		107	70	130			

Sample ID:	CCV6-101020	Batch ID:	R51874		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020B		Analysis Date:		10/20/10 05:10 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		508	20.0	500.0	0	102	75	125			
Surr: Isopropylbenzene		25.9		25.00		103	70	130			
Surr: Octacosane		25.0		25.00		99.9	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Sample ID:	LCS-43506	Batch ID:	43506	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101020A	Analysis Date:	10/20/10 04:07 PM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.680	0.0500	1.000	0	68.0	56	114			
Acenaphthylene	0.725	0.0500	1.000	0	72.5	56	116			
Anthracene	0.721	0.0500	1.000	0	72.1	40	113			
Benzo[a]anthracene	0.851	0.0500	1.000	0	85.1	52	108			
Benzo[a]pyrene	0.812	0.0500	1.000	0	81.2	48	115			
Benzo[b]fluoranthene	0.891	0.0500	1.000	0	89.1	43	115			
Benzo[g,h,i]perylene	0.878	0.0500	1.000	0	87.8	47	123			
Benzo[k]fluoranthene	0.805	0.0500	1.000	0	80.5	54	118			
Chrysene	0.850	0.0500	1.000	0	85.0	56	115			
Dibenz[a,h]anthracene	0.865	0.0500	1.000	0	86.5	43	120			
Fluoranthene	0.792	0.0500	1.000	0	79.2	41	108			
Fluorene	0.729	0.0500	1.000	0	72.9	47	128			
Indeno[1,2,3-cd]pyrene	0.873	0.0500	1.000	0	87.3	46	119			
Naphthalene	0.715	0.0500	1.000	0	71.5	55	113			
Phenanthrene	0.686	0.0500	1.000	0	68.6	55	114			
Pyrene	0.868	0.0500	1.000	0	86.8	42	125			
Surr: 2-Fluorobiphenyl	2.28		4.000		57.0	40	140			
Surr: 4-Terphenyl-d14	2.81		4.000		70.4	40	140			

Sample ID:	1010124-06CMS	Batch ID:	43506	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101020A	Analysis Date:	10/20/10 04:38 PM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.879	0.0613	1.226	0	71.7	56	114			
Acenaphthylene	0.948	0.0613	1.226	0	77.3	56	116			
Anthracene	0.917	0.0613	1.226	0	74.8	40	113			
Benzo[a]anthracene	1.01	0.0613	1.226	0	82.2	52	108			
Benzo[a]pyrene	0.982	0.0613	1.226	0	80.1	48	115			
Benzo[b]fluoranthene	1.01	0.0613	1.226	0	82.5	43	115			
Benzo[g,h,i]perylene	1.05	0.0613	1.226	0	86.0	47	123			
Benzo[k]fluoranthene	0.995	0.0613	1.226	0	81.2	54	118			
Chrysene	1.02	0.0613	1.226	0	83.3	56	115			
Dibenz[a,h]anthracene	0.997	0.0613	1.226	0	81.3	43	120			
Fluoranthene	0.979	0.0613	1.226	0	79.8	41	108			
Fluorene	0.934	0.0613	1.226	0	76.2	47	128			
Indeno[1,2,3-cd]pyrene	1.05	0.0613	1.226	0	85.3	46	119			
Naphthalene	0.881	0.0613	1.226	0	71.9	55	113			
Phenanthrene	0.886	0.0613	1.226	0	72.3	55	114			
Pyrene	1.05	0.0613	1.226	0	85.4	42	125			
Surr: 2-Fluorobiphenyl	2.92		4.903		59.6	40	140			
Surr: 4-Terphenyl-d14	3.41		4.903		69.6	40	140			

Sample ID:	1010124-06CMSD	Batch ID:	43506	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101020A	Analysis Date:	10/20/10 05:09 PM	Prep Date:	10/20/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.832	0.0619	1.237	0	67.2	56	114	5.52	30	
Acenaphthylene	0.884	0.0619	1.237	0	71.4	56	116	7.01	30	
Anthracene	0.927	0.0619	1.237	0	74.9	40	113	1.07	30	
Benzo[a]anthracene	1.07	0.0619	1.237	0	86.4	52	108	5.93	30	
Benzo[a]pyrene	1.02	0.0619	1.237	0	82.7	48	115	4.08	30	
Benzo[b]fluoranthene	1.08	0.0619	1.237	0	87.2	43	115	6.43	30	
Benzo[g,h,i]perylene	1.10	0.0619	1.237	0	89.1	47	123	4.53	30	
Benzo[k]fluoranthene	1.04	0.0619	1.237	0	83.7	54	118	3.96	30	
Chrysene	1.07	0.0619	1.237	0	86.6	56	115	4.75	30	
Dibenz[a,h]anthracene	1.08	0.0619	1.237	0	86.9	43	120	7.61	30	
Fluoranthene	1.01	0.0619	1.237	0	81.8	41	108	3.34	30	
Fluorene	0.887	0.0619	1.237	0	71.7	47	128	5.18	30	
Indeno[1,2,3-cd]pyrene	1.11	0.0619	1.237	0	89.6	46	119	5.90	30	
Naphthalene	0.825	0.0619	1.237	0	66.7	55	113	6.61	30	
Phenanthrene	0.896	0.0619	1.237	0	72.4	55	114	1.17	30	
Pyrene	1.10	0.0619	1.237	0	88.7	42	125	4.68	30	
Surr: 2-Fluorobiphenyl	2.60		4.950		52.5	40	140	0	0	
Surr: 4-Terphenyl-d14	3.41		4.950		68.8	40	140	0	0	

Sample ID:	MB-43506	Batch ID:	43506	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101020A	Analysis Date:	10/20/10 06:10 PM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.18		4.000		54.5	40	140			
Surr: 4-Terphenyl-d14	2.67		4.000		66.7	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101020A

Sample ID:	ICV-101020	Batch ID:	R51893	TestNo:	SW8270C		Units:	mg/Kg	
SampType:	ICV	Run ID:	GCMS6_101020A	Analysis Date:	10/20/10 03:34 PM		Prep Date:		
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.99	0.0500	2.000	0	99.3	80	120			
Acenaphthylene	2.12	0.0500	2.000	0	106	80	120			
Anthracene	1.92	0.0500	2.000	0	95.8	80	120			
Benzo[a]anthracene	2.07	0.0500	2.000	0	104	80	120			
Benzo[a]pyrene	2.02	0.0500	2.000	0	101	80	120			
Benzo[b]fluoranthene	2.09	0.0500	2.000	0	105	80	120			
Benzo[g,h,i]perylene	2.13	0.0500	2.000	0	107	80	120			
Benzo[k]fluoranthene	2.04	0.0500	2.000	0	102	80	120			
Chrysene	2.02	0.0500	2.000	0	101	80	120			
Dibenz[a,h]anthracene	2.13	0.0500	2.000	0	107	80	120			
Fluoranthene	2.10	0.0500	2.000	0	105	80	120			
Fluorene	2.06	0.0500	2.000	0	103	80	120			
Indeno[1,2,3-cd]pyrene	2.14	0.0500	2.000	0	107	80	120			
Naphthalene	1.96	0.0500	2.000	0	98.1	80	120			
Phenanthrene	1.84	0.0500	2.000	0	91.8	80	120			
Pyrene	2.20	0.0500	2.000	0	110	80	120			
Surr: 2-Fluorobiphenyl	1.79		2.000		89.3	40	140			
Surr: 4-Terphenyl-d14	1.83		2.000		91.6	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958		TestNo:		SW8270C		Units:		mg/L
SampType:	ICV	Run ID:	GCMS6_101025A		Analysis Date:		10/25/10 10:30 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene		2.06	0.0000500	2.00	0	103	80	120			
Anthracene		1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene		2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene		1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene		2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene		2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene		1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene		1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene		2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene		2.12	0.0000500	2.00	0	106	80	120			
Fluorene		1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene		2.09	0.0000500	2.00	0	104	80	120			
Naphthalene		1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene		1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene		2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl		1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14		1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Sample ID:	LCS-43492	Batch ID:	43492	TestNo:	SW8260B	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS2_101019A	Analysis Date:	10/19/10 05:40 PM	Prep Date:	10/19/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0245	0.00500	0.0232	0	106	68	130			
1,1,2,2-Tetrachloroethane	0.0248	0.00500	0.0232	0	107	59	140			
1,1,2-Trichloroethane	0.0240	0.00500	0.0232	0	103	62	127			
1,1,2-Trichlorotrifluoroethane	0.0237	0.0150	0.0232	0	102	57	135			
1,1-Dichloroethane	0.0242	0.00500	0.0232	0	104	73	125			
1,1-Dichloroethene	0.0239	0.00500	0.0232	0	103	65	136			
1,2,4-Trichlorobenzene	0.0266	0.00500	0.0232	0	115	65	131			
1,2-Dibromo-3-chloropropane	0.0250	0.00500	0.0232	0	108	49	135			
1,2-Dibromoethane	0.0248	0.00500	0.0232	0	107	70	124			
1,2-Dichlorobenzene	0.0247	0.00500	0.0232	0	106	74	120			
1,2-Dichloroethane	0.0239	0.00500	0.0232	0	103	72	137			
1,2-Dichloropropane	0.0239	0.00500	0.0232	0	103	71	120			
1,3-Dichlorobenzene	0.0246	0.00500	0.0232	0	106	72	124			
1,4-Dichlorobenzene	0.0249	0.00500	0.0232	0	107	72	125			
2-Butanone	0.0576	0.0150	0.0580	0	99.3	60	135			
2-Hexanone	0.0583	0.0150	0.0580	0	101	50	150			
4-Methyl-2-pentanone	0.0562	0.0150	0.0580	0	97.0	60	135			
Acetone	0.0623	0.0500	0.0580	0	107	40	141			
Benzene	0.0238	0.00500	0.0232	0	103	73	126			
Bromodichloromethane	0.0240	0.00500	0.0232	0	103	72	128			
Bromoform	0.0242	0.00500	0.0232	0	104	66	137			
Bromomethane	0.0245	0.00500	0.0232	0	105	45	141			
Carbon disulfide	0.0241	0.00500	0.0232	0	104	50	150			
Carbon tetrachloride	0.0242	0.00500	0.0232	0	104	67	133			
Chlorobenzene	0.0248	0.00500	0.0232	0	107	75	123			
Chloroethane	0.0240	0.00500	0.0232	0	103	41	141			
Chloroform	0.0243	0.00500	0.0232	0	105	72	124			
Chloromethane	0.0238	0.00500	0.0232	0	103	51	129			
cis-1,2-Dichloroethene	0.0239	0.00500	0.0232	0	103	67	125			
cis-1,3-Dichloropropene	0.0241	0.00500	0.0232	0	104	72	126			
Cyclohexane	0.0250	0.0150	0.0232	0	108	40	158			N
Dibromochloromethane	0.0245	0.00500	0.0232	0	105	66	130			
Dichlorodifluoromethane	0.0256	0.00500	0.0232	0	110	34	136			
Ethylbenzene	0.0249	0.00500	0.0232	0	107	74	127			
Isopropylbenzene	0.0256	0.00500	0.0232	0	110	77	129			
m,p-Xylene	0.0508	0.00500	0.0464	0	109	79	126			
Methyl Acetate	0.0235	0.0150	0.0232	0	101	50	150			
Methyl tert-butyl ether	0.0232	0.00500	0.0232	0	99.9	50	135			
Methylcyclohexane	0.0245	0.0150	0.0232	0	105	50	150			
Methylene chloride	0.0244	0.00500	0.0232	0	105	63	137			
o-Xylene	0.0250	0.00500	0.0232	0	108	77	125			
Styrene	0.0250	0.00500	0.0232	0	108	74	128			
Tetrachloroethene	0.0251	0.00500	0.0232	0	108	67	139			
Toluene	0.0238	0.00500	0.0232	0	103	71	127			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

trans-1,2-Dichloroethene	0.0246	0.00500	0.0232	0	106	66	134
trans-1,3-Dichloropropene	0.0243	0.00500	0.0232	0	105	65	127
Trichloroethene	0.0240	0.00500	0.0232	0	103	77	124
Trichlorofluoromethane	0.0240	0.0150	0.0232	0	103	49	139
Vinyl chloride	0.0231	0.00500	0.0232	0	99.6	58	126
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101	52	149
Surr: 4-Bromofluorobenzene	50.4		50.00		101	84	118
Surr: Dibromofluoromethane	49.8		50.00		99.7	65	135
Surr: Toluene-d8	51.4		50.00		103	84	116

Sample ID:	MB-43492	Batch ID:	43492	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS2_101019A	Analysis Date:	10/19/10 06:50 PM	Prep Date:	10/19/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Isopropylbenzene	<0.00100	0.00500
m,p-Xylene	<0.00100	0.00500
Methyl Acetate	<0.00500	0.0150
Methyl tert-butyl ether	<0.00100	0.00500
Methylcyclohexane	<0.00500	0.0150
Methylene chloride	<0.00500	0.00500
o-Xylene	<0.00100	0.00500
Styrene	<0.00100	0.00500
Tetrachloroethene	<0.00100	0.00500
Toluene	<0.00100	0.00500
trans-1,2-Dichloroethene	<0.00100	0.00500
trans-1,3-Dichloropropene	<0.00100	0.00500
Trichloroethene	<0.00100	0.00500
Trichlorofluoromethane	<0.00500	0.0150
Vinyl chloride	<0.00100	0.00500

Surr: 1,2-Dichloroethane-d4	47.4	50.00	94.9	52	149
Surr: 4-Bromofluorobenzene	51.8	50.00	104	84	118
Surr: Dibromofluoromethane	48.4	50.00	96.8	65	135
Surr: Toluene-d8	51.6	50.00	103	84	116

Sample ID:	1010124-06AMS	Batch ID:	43492	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS2_101019A	Analysis Date:	10/19/10 07:56 PM	Prep Date:	10/19/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0260	0.00547	0.0254	0	103	68	130			
1,1,2,2-Tetrachloroethane	0.0181	0.00547	0.0254	0	71.3	59	140			
1,1,2-Trichloroethane	0.0233	0.00547	0.0254	0	91.9	62	127			
1,1,2-Trichlorotrifluoroethane	0.0251	0.0164	0.0254	0	98.9	57	135			
1,1-Dichloroethane	0.0254	0.00547	0.0254	0	100	73	125			
1,1-Dichloroethene	0.0254	0.00547	0.0254	0	100	65	136			
1,2,4-Trichlorobenzene	0.0246	0.00547	0.0254	0	96.9	65	131			
1,2-Dibromo-3-chloropropane	0.0219	0.00547	0.0254	0	86.4	49	135			
1,2-Dibromoethane	0.0241	0.00547	0.0254	0	95.0	70	124			
1,2-Dichlorobenzene	0.0250	0.00547	0.0254	0	98.6	74	120			
1,2-Dichloroethane	0.0244	0.00547	0.0254	0	96.2	72	137			
1,2-Dichloropropane	0.0242	0.00547	0.0254	0	95.5	71	120			
1,3-Dichlorobenzene	0.0252	0.00547	0.0254	0	99.2	72	124			
1,4-Dichlorobenzene	0.0249	0.00547	0.0254	0	98.1	72	125			
2-Butanone	0.0522	0.0164	0.0634	0	82.3	60	135			
2-Hexanone	0.0536	0.0164	0.0634	0	84.6	50	150			
4-Methyl-2-pentanone	0.0541	0.0164	0.0634	0	85.3	60	135			
Acetone	0.0561	0.0547	0.0634	0	88.5	40	141			
Benzene	0.0246	0.00547	0.0254	0	97.1	73	126			
Bromodichloromethane	0.0243	0.00547	0.0254	0	95.8	72	128			
Bromoform	0.0233	0.00547	0.0254	0	92.0	66	137			
Bromomethane	0.0267	0.00547	0.0254	0	105	45	141			
Carbon disulfide	0.0255	0.00547	0.0254	0	101	50	150			
Carbon tetrachloride	0.0256	0.00547	0.0254	0	101	67	133			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Chlorobenzene	0.0254	0.00547	0.0254	0	100	75	123	
Chloroethane	0.0262	0.00547	0.0254	0	103	41	141	
Chloroform	0.0252	0.00547	0.0254	0	99.2	72	124	
Chloromethane	0.0257	0.00547	0.0254	0	101	51	129	
cis-1,2-Dichloroethene	0.0246	0.00547	0.0254	0	97.0	67	125	
cis-1,3-Dichloropropene	0.0240	0.00547	0.0254	0	94.4	72	126	
Cyclohexane	0.0261	0.0164	0.0254	0	103	40	158	N
Dibromochloromethane	0.0243	0.00547	0.0254	0	95.7	66	130	
Dichlorodifluoromethane	0.0293	0.00547	0.0254	0	116	34	136	
Ethylbenzene	0.0258	0.00547	0.0254	0	102	74	127	
Isopropylbenzene	0.0265	0.00547	0.0254	0	104	77	129	
m,p-Xylene	0.0523	0.00547	0.0507	0	103	79	126	
Methyl Acetate	0.0214	0.0164	0.0254	0	84.5	50	150	
Methyl tert-butyl ether	0.0228	0.00547	0.0254	0	89.7	50	135	
Methylcyclohexane	0.0256	0.0164	0.0254	0	101	50	150	
Methylene chloride	0.0254	0.00547	0.0254	0	100	63	137	
o-Xylene	0.0260	0.00547	0.0254	0	103	77	125	
Styrene	0.0258	0.00547	0.0254	0	102	74	128	
Tetrachloroethene	0.0268	0.00547	0.0254	0	106	67	139	
Toluene	0.0247	0.00547	0.0254	0	97.5	71	127	
trans-1,2-Dichloroethene	0.0254	0.00547	0.0254	0	100	66	134	
trans-1,3-Dichloropropene	0.0239	0.00547	0.0254	0	94.3	65	127	
Trichloroethene	0.0301	0.00547	0.0254	0	119	77	124	
Trichlorofluoromethane	0.0262	0.0164	0.0254	0	103	49	139	
Vinyl chloride	0.0251	0.00547	0.0254	0	99.0	58	126	
Surr: 1,2-Dichloroethane-d4	54.2		54.68		99.2	52	149	
Surr: 4-Bromofluorobenzene	55.8		54.68		102	84	118	
Surr: Dibromofluoromethane	53.1		54.68		97.0	65	135	
Surr: Toluene-d8	56.9		54.68		104	84	116	

Sample ID:	1010124-06AMSD	Batch ID:	43492	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS2_101019A	Analysis Date:	10/19/10 08:29 PM	Prep Date:	10/19/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0246	0.00535	0.0248	0	99.1	68	130	5.61	30	
1,1,2,2-Tetrachloroethane	0.0174	0.00535	0.0248	0	69.9	59	140	4.16	30	
1,1,2-Trichloroethane	0.0229	0.00535	0.0248	0	92.0	62	127	2.01	30	
1,1,2-Trichlorotrifluoroethane	0.0241	0.0161	0.0248	0	97.0	57	135	4.09	30	
1,1-Dichloroethane	0.0246	0.00535	0.0248	0	99.1	73	125	3.27	30	
1,1-Dichloroethene	0.0248	0.00535	0.0248	0	100	65	136	2.45	30	
1,2,4-Trichlorobenzene	0.0246	0.00535	0.0248	0	99.1	65	131	0.092	30	
1,2-Dibromo-3-chloropropane	0.0232	0.00535	0.0248	0	93.2	49	135	5.43	30	
1,2-Dibromoethane	0.0240	0.00535	0.0248	0	96.8	70	124	0.308	30	
1,2-Dichlorobenzene	0.0244	0.00535	0.0248	0	98.1	74	120	2.59	30	
1,2-Dichloroethane	0.0233	0.00535	0.0248	0	93.9	72	137	4.55	30	
1,2-Dichloropropane	0.0237	0.00535	0.0248	0	95.5	71	120	2.15	30	
1,3-Dichlorobenzene	0.0245	0.00535	0.0248	0	98.5	72	124	2.80	30	
1,4-Dichlorobenzene	0.0248	0.00535	0.0248	0	100	72	125	0.279	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

2-Butanone	0.0535	0.0161	0.0621	0	86.2	60	135	2.49	30	
2-Hexanone	0.0561	0.0161	0.0621	0	90.3	50	150	4.44	30	
4-Methyl-2-pentanone	0.0560	0.0161	0.0621	0	90.2	60	135	3.39	30	
Acetone	0.0557	0.0535	0.0621	0	89.7	40	141	0.815	30	
Benzene	0.0241	0.00535	0.0248	0	97.0	73	126	2.28	30	
Bromodichloromethane	0.0234	0.00535	0.0248	0	94.4	72	128	3.65	30	
Bromoform	0.0227	0.00535	0.0248	0	91.6	66	137	2.62	30	
Bromomethane	0.0249	0.00535	0.0248	0	100	45	141	7.06	30	
Carbon disulfide	0.0245	0.00535	0.0248	0	98.5	50	150	4.36	30	
Carbon tetrachloride	0.0241	0.00535	0.0248	0	97.1	67	133	6.20	30	
Chlorobenzene	0.0248	0.00535	0.0248	0	99.9	75	123	2.28	30	
Chloroethane	0.0244	0.00535	0.0248	0	98.4	41	141	6.90	30	
Chloroform	0.0247	0.00535	0.0248	0	99.4	72	124	1.93	30	
Chloromethane	0.0240	0.00535	0.0248	0	96.5	51	129	7.12	30	
cis-1,2-Dichloroethene	0.0239	0.00535	0.0248	0	96.2	67	125	3.04	30	
cis-1,3-Dichloropropene	0.0230	0.00535	0.0248	0	92.8	72	126	3.90	30	
Cyclohexane	0.0249	0.0161	0.0248	0	100	40	158	4.53	30	N
Dibromochloromethane	0.0243	0.00535	0.0248	0	98.0	66	130	0.253	30	
Dichlorodifluoromethane	0.0274	0.00535	0.0248	0	110	34	136	7.00	30	
Ethylbenzene	0.0251	0.00535	0.0248	0	101	74	127	2.79	30	
Isopropylbenzene	0.0255	0.00535	0.0248	0	103	77	129	3.73	30	
m,p-Xylene	0.0509	0.00535	0.0497	0	103	79	126	2.63	30	
Methyl Acetate	0.0213	0.0161	0.0248	0	85.6	50	150	0.833	30	
Methyl tert-butyl ether	0.0227	0.00535	0.0248	0	91.3	50	135	0.435	30	
Methylcyclohexane	0.0245	0.0161	0.0248	0	98.5	50	150	4.70	30	
Methylene chloride	0.0246	0.00535	0.0248	0	99.1	63	137	3.40	30	
o-Xylene	0.0252	0.00535	0.0248	0	102	77	125	3.12	30	
Styrene	0.0251	0.00535	0.0248	0	101	74	128	2.83	30	
Tetrachloroethene	0.0262	0.00535	0.0248	0	105	67	139	2.35	30	
Toluene	0.0239	0.00535	0.0248	0	96.3	71	127	3.35	30	
trans-1,2-Dichloroethene	0.0245	0.00535	0.0248	0	98.8	66	134	3.45	30	
trans-1,3-Dichloropropene	0.0228	0.00535	0.0248	0	91.8	65	127	4.84	30	
Trichloroethene	0.0298	0.00535	0.0248	0	120	77	124	1.17	30	
Trichlorofluoromethane	0.0242	0.0161	0.0248	0	97.6	49	139	7.90	30	
Vinyl chloride	0.0237	0.00535	0.0248	0	95.3	58	126	5.97	30	
Surr: 1,2-Dichloroethane-d4	51.9		53.52		97.0	52	149	0	0	
Surr: 4-Bromofluorobenzene	55.0		53.52		103	84	118	0	0	
Surr: Dibromofluoromethane	51.3		53.52		95.9	65	135	0	0	
Surr: Toluene-d8	56.9		53.52		106	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

Sample ID:	ICV-101019	Batch ID:	R51861		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS2_101019A		Analysis Date:		10/19/10 05:05 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0484	0.00500	0.0464	0	104	70	130			
1,1,2,2-Tetrachloroethane		0.0478	0.00500	0.0464	0	103	70	130			
1,1,2-Trichloroethane		0.0474	0.00500	0.0464	0	102	70	130			
1,1,2-Trichlorotrifluoroethane		0.0462	0.0150	0.0464	0	99.7	70	130			
1,1-Dichloroethane		0.0478	0.00500	0.0464	0	103	70	130			
1,1-Dichloroethene		0.0459	0.00500	0.0464	0	98.9	80	120			
1,2,4-Trichlorobenzene		0.0500	0.00500	0.0464	0	108	70	130			
1,2-Dibromo-3-chloropropane		0.0506	0.00500	0.0464	0	109	70	130			
1,2-Dibromoethane		0.0486	0.00500	0.0464	0	105	70	130			
1,2-Dichlorobenzene		0.0473	0.00500	0.0464	0	102	70	130			
1,2-Dichloroethane		0.0478	0.00500	0.0464	0	103	70	130			
1,2-Dichloropropane		0.0467	0.00500	0.0464	0	101	80	120			
1,3-Dichlorobenzene		0.0468	0.00500	0.0464	0	101	70	130			
1,4-Dichlorobenzene		0.0471	0.00500	0.0464	0	101	70	130			
2-Butanone		0.113	0.0150	0.116	0	97.8	70	130			
2-Hexanone		0.114	0.0150	0.116	0	98.4	70	130			
4-Methyl-2-pentanone		0.110	0.0150	0.116	0	94.5	70	130			
Acetone		0.124	0.0500	0.116	0	107	70	130			
Benzene		0.0457	0.00500	0.0464	0	98.6	70	130			
Bromodichloromethane		0.0477	0.00500	0.0464	0	103	70	130			
Bromoform		0.0490	0.00500	0.0464	0	106	70	130			
Bromomethane		0.0462	0.00500	0.0464	0	99.7	70	130			
Carbon disulfide		0.0466	0.00500	0.0464	0	100	70	130			
Carbon tetrachloride		0.0483	0.00500	0.0464	0	104	70	130			
Chlorobenzene		0.0477	0.00500	0.0464	0	103	70	130			
Chloroethane		0.0476	0.00500	0.0464	0	103	70	130			
Chloroform		0.0483	0.00500	0.0464	0	104	80	120			
Chloromethane		0.0457	0.00500	0.0464	0	98.4	70	130			
cis-1,2-Dichloroethene		0.0465	0.00500	0.0464	0	100	70	130			
cis-1,3-Dichloropropene		0.0478	0.00500	0.0464	0	103	70	130			
Cyclohexane		0.0479	0.0150	0.0464	0	103	70	130			N
Dibromochloromethane		0.0490	0.00500	0.0464	0	106	70	130			
Dichlorodifluoromethane		0.0492	0.00500	0.0464	0	106	70	130			
Ethylbenzene		0.0480	0.00500	0.0464	0	103	80	120			
Isopropylbenzene		0.0488	0.00500	0.0464	0	105	70	130			
m,p-Xylene		0.0972	0.00500	0.0928	0	105	70	130			
Methyl Acetate		0.0480	0.0150	0.0464	0	103	70	130			
Methyl tert-butyl ether		0.0463	0.00500	0.0464	0	99.7	70	130			
Methylcyclohexane		0.0474	0.0150	0.0464	0	102	70	130			
Methylene chloride		0.0458	0.00500	0.0464	0	98.8	70	130			
o-Xylene		0.0484	0.00500	0.0464	0	104	70	130			
Styrene		0.0489	0.00500	0.0464	0	105	70	130			
Tetrachloroethene		0.0486	0.00500	0.0464	0	105	70	130			
Toluene		0.0463	0.00500	0.0464	0	99.9	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101019A

trans-1,2-Dichloroethene	0.0472	0.00500	0.0464	0	102	70	130
trans-1,3-Dichloropropene	0.0487	0.00500	0.0464	0	105	70	130
Trichloroethene	0.0466	0.00500	0.0464	0	100	70	130
Trichlorofluoromethane	0.0482	0.0150	0.0464	0	104	70	130
Vinyl chloride	0.0445	0.00500	0.0464	0	96.0	80	120
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.9	52	149
Surr: 4-Bromofluorobenzene	50.4		50.00		101	84	118
Surr: Dibromofluoromethane	50.2		50.00		100	65	135
Surr: Toluene-d8	51.2		50.00		102	84	116

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	LCS-43453	Batch ID:	43453		TestNo:		SW8260B		Units:		mg/L
SampType:	LCS	Run ID:	GCMS5_101020C		Analysis Date:		10/20/10 10:13 AM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0232	0.00100	0.0232	0	99.8	67	132			
1,1,2,2-Tetrachloroethane		0.0236	0.00100	0.0232	0	102	63	128			
1,1,2-Trichloroethane		0.0258	0.00100	0.0232	0	111	75	125			
1,1,2-Trichlorotrifluoroethane		0.0226	0.0150	0.0232	0	97.5	67	125			
1,1-Dichloroethane		0.0243	0.00100	0.0232	0	105	69	133			
1,1-Dichloroethene		0.0223	0.00100	0.0232	0	95.9	68	130			
1,2,4-Trichlorobenzene		0.0224	0.00500	0.0232	0	96.6	66	134			
1,2-Dibromo-3-chloropropane		0.0206	0.0100	0.0232	0	88.6	50	132			
1,2-Dibromoethane		0.0248	0.00100	0.0232	0	107	80	121			
1,2-Dichlorobenzene		0.0247	0.00100	0.0232	0	107	75	122			
1,2-Dichloroethane		0.0228	0.00100	0.0232	0	98.2	69	132			
1,2-Dichloropropane		0.0262	0.00100	0.0232	0	113	75	125			
1,3-Dichlorobenzene		0.0239	0.00100	0.0232	0	103	75	124			
1,4-Dichlorobenzene		0.0227	0.00100	0.0232	0	97.8	74	123			
2-Butanone		0.0260	0.0150	0.0232	0	112	49	136			
2-Hexanone		0.0248	0.0150	0.0232	0	107	50	150			
4-Methyl-2-pentanone		0.0245	0.0150	0.0232	0	106	60	134			
Acetone		0.0257	0.0150	0.0232	0	111	40	135			
Benzene		0.0257	0.00100	0.0232	0	111	81	122			
Bromodichloromethane		0.0240	0.00100	0.0232	0	103	76	121			
Bromoform		0.0238	0.00100	0.0232	0	103	69	128			
Bromomethane		0.0205	0.00100	0.0232	0	88.5	53	141			
Carbon disulfide		0.0214	0.0150	0.0232	0	92.1	50	150			
Carbon tetrachloride		0.0220	0.00100	0.0232	0	95.0	66	138			
Chlorobenzene		0.0232	0.00100	0.0232	0	100	81	122			
Chloroethane		0.0228	0.00100	0.0232	0	98.4	58	133			
Chloroform		0.0236	0.00100	0.0232	0	102	69	128			
Chloromethane		0.0248	0.00100	0.0232	0	107	56	131			
cis-1,2-Dichloroethene		0.0259	0.00100	0.0232	0	111	72	126			
cis-1,3-Dichloropropene		0.0239	0.00100	0.0232	0	103	69	131			
Cyclohexane		0.0251	0.0150	0.0232	0	108	40	161			N
Dibromochloromethane		0.0226	0.00100	0.0232	0	97.5	66	133			
Dichlorodifluoromethane		0.0230	0.00100	0.0232	0	99.1	53	153			
Ethylbenzene		0.0239	0.00100	0.0232	0	103	80	120			
Isopropylbenzene		0.0228	0.00100	0.0232	0	98.4	75	127			
m,p-Xylene		0.0498	0.00200	0.0464	0	107	80	120			
Methyl Acetate		0.0247	0.0150	0.0232	0	107	50	150			
Methyl tert-butyl ether		0.0266	0.00100	0.0232	0	115	68	123			
Methylcyclohexane		0.0236	0.0150	0.0232	0	102	70	130			
Methylene chloride		0.0256	0.00250	0.0232	0	110	63	137			
o-Xylene		0.0232	0.00100	0.0232	0	99.8	80	120			
Styrene		0.0234	0.00100	0.0232	0	101	65	134			
Tetrachloroethene		0.0232	0.00200	0.0232	0	100	66	128			
Toluene		0.0247	0.00200	0.0232	0	107	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0253	0.00100	0.0232	0	109	63	137
trans-1,3-Dichloropropene	0.0253	0.00100	0.0232	0	109	59	135
Trichloroethene	0.0245	0.00200	0.0232	0	106	70	127
Trichlorofluoromethane	0.0224	0.00100	0.0232	0	96.3	57	129
Vinyl chloride	0.0252	0.00100	0.0232	0	108	50	134
Surr: 1,2-Dichloroethane-d4	177		200.0		88.6	72	119
Surr: 4-Bromofluorobenzene	195		200.0		97.3	76	119
Surr: Dibromofluoromethane	195		200.0		97.7	85	115
Surr: Toluene-d8	191		200.0		95.5	81	120

Sample ID:	MB-43453	Batch ID:	43453	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS5_101020C	Analysis Date:	10/20/10 11:03 AM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Isopropylbenzene	<0.000200	0.00100				
m,p-Xylene	<0.000600	0.00200				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.000300	0.00100				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00250	0.00250				
o-Xylene	<0.000300	0.00100				
Styrene	<0.000200	0.00100				
Tetrachloroethene	<0.000600	0.00200				
Toluene	<0.000600	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000600	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	181		200.0	90.5	72	119
Surr: 4-Bromofluorobenzene	206		200.0	103	76	119
Surr: Dibromofluoromethane	196		200.0	98.1	85	115
Surr: Toluene-d8	194		200.0	97.0	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	ICV-101020	Batch ID:	R51895		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS5_101020C		Analysis Date:		10/20/10 09:43 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0465	0.00100	0.0464	0	100	70	130			
1,1,2,2-Tetrachloroethane		0.0459	0.00100	0.0464	0	98.8	70	130			
1,1,2-Trichloroethane		0.0523	0.00100	0.0464	0	113	70	130			
1,1,2-Trichlorotrifluoroethane		0.0452	0.0150	0.0464	0	97.4	70	130			
1,1-Dichloroethane		0.0485	0.00100	0.0464	0	105	70	130			
1,1-Dichloroethene		0.0451	0.00100	0.0464	0	97.1	80	120			
1,2,4-Trichlorobenzene		0.0470	0.00500	0.0464	0	101	70	130			
1,2-Dibromo-3-chloropropane		0.0425	0.0100	0.0464	0	91.6	70	130			
1,2-Dibromoethane		0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichlorobenzene		0.0490	0.00100	0.0464	0	106	70	130			
1,2-Dichloroethane		0.0451	0.00100	0.0464	0	97.2	70	130			
1,2-Dichloropropane		0.0523	0.00100	0.0464	0	113	70	130			
1,3-Dichlorobenzene		0.0471	0.00100	0.0464	0	102	70	130			
1,4-Dichlorobenzene		0.0436	0.00100	0.0464	0	94.0	70	130			
2-Butanone		0.0532	0.0150	0.0464	0	115	70	130			
2-Hexanone		0.0488	0.0150	0.0464	0	105	70	130			
4-Methyl-2-pentanone		0.0506	0.0150	0.0464	0	109	70	130			
Acetone		0.0478	0.0150	0.0464	0	103	70	130			
Benzene		0.0512	0.00100	0.0464	0	110	70	130			
Bromodichloromethane		0.0481	0.00100	0.0464	0	104	70	130			
Bromoform		0.0490	0.00100	0.0464	0	106	70	130			
Bromomethane		0.0385	0.00100	0.0464	0	82.9	70	130			
Carbon disulfide		0.0439	0.0150	0.0464	0	94.7	70	130			
Carbon tetrachloride		0.0442	0.00100	0.0464	0	95.3	70	130			
Chlorobenzene		0.0456	0.00100	0.0464	0	98.4	70	130			
Chloroethane		0.0420	0.00100	0.0464	0	90.4	70	130			
Chloroform		0.0473	0.00100	0.0464	0	102	80	120			
Chloromethane		0.0485	0.00100	0.0464	0	105	70	130			
cis-1,2-Dichloroethene		0.0522	0.00100	0.0464	0	112	70	130			
cis-1,3-Dichloropropene		0.0488	0.00100	0.0464	0	105	70	130			
Cyclohexane		0.0503	0.0150	0.0464	0	108	70	130			N
Dibromochloromethane		0.0462	0.00100	0.0464	0	99.5	70	130			
Dichlorodifluoromethane		0.0446	0.00100	0.0464	0	96.1	70	130			
Ethylbenzene		0.0470	0.00100	0.0464	0	101	80	120			
Isopropylbenzene		0.0460	0.00100	0.0464	0	99.0	70	130			
m,p-Xylene		0.0995	0.00200	0.0928	0	107	70	130			
Methyl Acetate		0.0505	0.0150	0.0464	0	109	70	130			
Methyl tert-butyl ether		0.0545	0.00100	0.0464	0	117	70	130			
Methylcyclohexane		0.0482	0.0150	0.0464	0	104	70	130			
Methylene chloride		0.0499	0.00250	0.0464	0	107	70	130			
o-Xylene		0.0467	0.00100	0.0464	0	101	70	130			
Styrene		0.0465	0.00100	0.0464	0	100	70	130			
Tetrachloroethene		0.0481	0.00200	0.0464	0	104	70	130			
Toluene		0.0506	0.00200	0.0464	0	109	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0512	0.00100	0.0464	0	110	70	130
trans-1,3-Dichloropropene	0.0533	0.00100	0.0464	0	115	70	130
Trichloroethene	0.0503	0.00200	0.0464	0	108	70	130
Trichlorofluoromethane	0.0437	0.00100	0.0464	0	94.2	70	130
Vinyl chloride	0.0492	0.00100	0.0464	0	106	80	120
Surr: 1,2-Dichloroethane-d4	178		200.0		89.1	72	119
Surr: 4-Bromofluorobenzene	187		200.0		93.5	76	119
Surr: Dibromofluoromethane	198		200.0		98.8	85	115
Surr: Toluene-d8	191		200.0		95.6	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101021B

Sample ID:	1010124-06C-DUP	Batch ID:	43533	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101021B	Analysis Date:	10/22/10 09:00 AM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	25.4	0	0	23.55				7.55	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010124
Project: Hillcrest CEI

MQL SUMMARY REPORT

Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW8270C Analyte	MDL mg/Kg	MQL mg/Kg
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

October 28, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

Order No: 1010145

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI

Dear Suzanne Green:

DHL Analytical received 15 sample(s) on 10/20/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

COC 1980

№ 46644

CHAIN-OF-CUSTODY

CLIENT: GEO STRATA ENVIRONMENTAL INC
ADDRESS: 4718 College Park SAN ANTONIO 78249
PHONE: (210) 492-7282 FAX/E-MAIL: (210) 492-8935
DATA REPORTED TO: CHERI KRIEG
ADDITIONAL REPORT COPIES TO:

DATE: 10/19/10 PAGE 1 OF 1
PO #: 354842H DHL WORK ORDER #: 1010145
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: HCEI-760.SL.11 COLLECTOR: PV Schram

Authorize 5% surcharge for TRRP Report? ☑ Yes ☐ No

S=SOIL W=WATER A=AIR L=LIQUID P=PAINT SL=SLUDGE O=OTHER SO=SOLID

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021)	GRO (METHOD 8015) ☐ TPH 1006 ☐ HOLD 1006 ☐	DRO (METHOD 8015) ☐	(VOC 8260) ☐ VOC 624 ☐ VOC 8260/5035 ☐	SVOC 8270 ☐ 8270 PAH ☐ HOLD PAH ☐ SVOC 625 ☐	8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐	8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐	8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐	METALS 6020 ☐ METALS 2008 ☐ DISS. METALS ☐	RCRA ☐ TX11 ☐	PH ☐ HEX CHROM ☐ ALKALINITY ☐	CHLORIDE ☐ ANIONS ☐	TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐	TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	Lab Use Only: Metals Check	Hg Check	FIELD NOTES
✓ GW-TB3	01	10/19/10		W	40 ml VOAs	2	✓			✓					✓															✓		
✓ SO-SB8-01	02	10/19/10	822	S	Various	8				✓			✓		✓	✓														✓		
✓ SO-SB9-01	03	10/19/10	932	S	Various	8				✓			✓		✓	✓														✓		
~~SO-SB9-02~~		~~10/19/10~~	~~932~~	~~S~~	~~Various~~	~~8~~				~~✓~~			~~✓~~		~~✓~~	~~✓~~														✓		
✓ SO-SB10-01	04	10/19/10	1106	S	Various	8				✓			✓		✓	✓														✓		
✓ SO-MW1-01	05	10/19/10	1370	S	Various	8				✓			✓		✓	✓														✓		
✓ SO-MS/MSD-02	15	10/19/10	1353	S	Various	16				✓			✓		✓	✓														✓		
✓ SO-SB13-01	06	10/19/10	1557	S	Various	8				✓			✓		✓	✓														✓		
✓ SO-FD-2	07	10/19/10	—	S	Various	8				✓			✓		✓	✓														✓		
✓ ~~SO-MW1-02~~		~~10/19/10~~	~~1353~~	~~S~~	~~Various~~	~~8~~				~~✓~~			~~✓~~		~~✓~~	~~✓~~														✓		
TOTAL																																

RELINQUISHED BY: (Signature) DATE/TIME 10/19/10 1658 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 10/19/10 RECEIVED BY: (Signature) FEDEX (OVERNIGHT)
RELINQUISHED BY: (Signature) Fedex DATE/TIME 10/20/10 1000 RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.7° THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☑ INTACT ☐ NOT USED
☑ CARRIER BILL #: Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL COC # 1979

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 46646

CHAIN-OF-CUSTODY

CLIENT: Geo Strata
ADDRESS: 4718 College Park
PHONE: 210 492 7282 FAX/E-MAIL: 210 492 8935
DATA REPORTED TO: Cheri Krieg
ADDITIONAL REPORT COPIES TO:

DATE: OCT ~~18, 2010~~ 19, 2010 CAK PAGE 1 OF 1
PO #: 354841H DHL WORK ORDER #: 1010145
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: 760 SL 11 COLLECTOR: Cheri Krieg

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL W=WATER A=AIR L=LIQUID P=PAINT SL=SLUDGE O=OTHER SO=SOLID

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐ VOC 8260 ☐ SVOC 8270 ☐ VOC 624 ☐ VOC 8260/5035 ☐ SVOC 625 ☐ 8081 PEST ☐ PAH 8270 ☐ HOLD PAH ☐ SVOC 625 ☐ 8270 PEST ☐ 8270 O-P PEST ☐ 608 PEST/PCB ☐ 8270 PCB ☐ 8321 HERB ☐ 8082 PCB ☐ 8330 EXPL ☐ PERCHLORATE ☐ METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ALKALINITY ☐ CHLORIDE ☐ ANIONS ☐ TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ Low Conc. 0-500 Med Conc. 500-1254 High Conc. PSA

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX	TPH 1005	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	Low Conc.	Med Conc.	High Conc.	FIELD NOTES
~~SO MW-6~~																															
GWTB 4	08	10/19/10		W	Glass	2	X			X					X																
SO MW-301	09	10/19/10	0900	S	Various	7				X			X		X	X												X			
SO MW-201	10	10/19/10	1414	S	Various	8				X			X		X	X												X			
SO MW-202	11	10/19/10	1420	S	Various	8				X			X		X	X												X			
GW FB-2	12	10/19/10	1625	W	Glass	3	X			X			X		X													X			
GW EB-03	13	10/19/10	1645	W	Glass	8	X			X			X		X	X												X			
SO-FD-3	14	10/19/10	0930	S	Glass	7				X			X		X	X															added per Chem 10/20/10
SO-MW1-02	15	10/19/10	1353	S	Various	8				X			✓		✓	✓												X			
TOTAL																															

RELINQUISHED BY: (Signature) Cheri Krieg DATE/TIME 10/19/10 1830 RECEIVED BY: (Signature) Shipping Co.
RELINQUISHED BY: (Signature) Fedex DATE/TIME 10/20/10 1000 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express US Airbill

FedEx Tracking Number 8705 3918 9580

Form #10-1427 0200

Recipient's Copy

1 From

Date 10/19/10

Sender's Name R. GREEN

Phone 210 492 7282

Company GeoSTRATA ENVIRONMENTAL

Address 4718 College Park

Dept./Floor/Suite/Room

City San Antonio State TX ZIP 78249

2 Your Internal Billing Reference HCEI

3 To

Recipient's Name

Phone 512 388 8227

Company DHL Analytical

HOLD Weekday Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 3300 Double Creek DR.

Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Print FedEx location address here if a HOLD option is selected.

City Round Rock State TX ZIP 78664

8705 3918 9580

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

- [ ] Sender — Acct. No. in Section 1 will be used.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Enter FedEx Acct. No. or Credit Card No. below.

Obtain Recip. Acct. No. [ ]

Total Packages ____ Total Weight ____ lbs. Total Declared Value† $ ____ .00 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

Rev. Date 2 ... SAY

CUSTODY SEAL QE... Quality Environmental Containers 800-255-3950 • 304-255-3900

DATE 10/19/10

SIGNATURE

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express US Airbill

FedEx Tracking Number 8705 3918 9570

Form No. 0200 — Recipient's Copy

1 From

Date 10/19/10

Sender's Name R. GREEN Phone 210 492 7282

Company GEO STRATH ENVIRONMENTAL

Address 4718 College Park Dept./Floor/Suite/Room

City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference HCEI

3 To

Recipient's Name Phone 512 388 8229

Company DHL ANALYTICAL

☐ HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

☐ HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 3300 Double Creek DR Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address — Print FedEx location address here if a HOLD option is selected.

Round Rock State TX ZIP 78664

8705 3918 9570

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

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☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

☒ No ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ Cargo Aircraft Only

7 Payment *Bill to:* Obtain Recip. Acct. No. ☐

Enter FedEx Acct. No. or Credit Card No. below.

☒ Sender — Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight Total Declared Value† Credit Card Auth.

____ ____ lbs. $ ____ .00 ____

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

Rev. Date ____ SRY

fedex.com 1.800.GoFedEx 1.800.463.3339

CUSTODY SEAL QE

DATE 10/19/10

SIGNATURE

Quality Environmental Containers

800-255-3950 • 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name Geo Strata Environmental Consultants

Date Received: 10/20/2010

Work Order Number 1010145

Received by JB

Checklist completed by: J Barker 10/20/10 (Signature / Date)

Reviewed by SS 10.20.10 (Initials / Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ~~☑~~ JB 10/20/10	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	1.7 °C , 2-6°
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted GeoStrata Date contacted: 10-20-10 Person contacted Cheri

Contacted by: J Barker Regarding: Sample SO-FD-3

Comments: Per Cheri, add sample SO-FD-3 to COC and analyze for 8260, 1005 and PAH.

Corrective Action Added sample to COC and logged in for requested analysis.

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

10/28/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 10/28/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010145
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-Custody (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		X			R6-04
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R7-03
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.
Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 10/28/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010145

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101013A	Prep Date:	10/13/2010
SampID:	DCS-43416	Anaysis Date:	10/13/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43416		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	6.37	20	10	63.7	50	200	

DCS REPORTING

RunID:	GC12_100907B	Prep Date:	9/7/2010
SampID:	DCS-42897	Anaysis Date:	9/7/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	42897		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.811	2	1	81.1	20	500	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	2.24	5	2.32	96.6	50	150	
1,1,1-Trichloroethane	2.30	5	2.32	99.1	60	140	
1,1,2,2-Tetrachloroethane	2.29	5	2.32	98.7	50	150	
1,1,2-Trichloroethane	2.17	5	2.32	93.5	40	160	
1,1,2-Trichlorotrifluoroethane	2.08	15	2.32	89.7	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	2.10	5	2.32	90.5	50	150	
1,1-Dichloropropene	2.22	5	2.32	95.7	30	170	
1,2,3-Trichlorobenzene	3.10	5	2.32	134	20	180	
1,2,3-Trichloropropane	2.16	5	2.32	93.1	20	180	
1,2,4-Trichlorobenzene	2.46	5	2.32	106	20	180	
1,2,4-Trimethylbenzene	2.26	5	2.32	97.4	20	180	
1,2-Dibromo-3-chloropropane	2.20	5	2.32	94.8	20	180	
1,2-Dibromoethane	2.26	5	2.32	97.4	40	160	
1,2-Dichlorobenzene	2.26	5	2.32	97.4	50	150	
1,2-Dichloroethane	2.39	5	2.32	103	50	150	
1,2-Dichloropropane	2.16	5	2.32	93.1	40	160	
1,3,5-Trimethylbenzene	2.27	5	2.32	97.8	20	180	
1,3-Dichlorobenzene	2.27	5	2.32	97.8	50	150	
1,3-Dichloropropane	2.39	5	2.32	103	50	150	
1,4-Dichloro-2-butene	2.07	5	2.32	89.2	20	180	
1,4-Dichlorobenzene	2.43	5	2.32	105	50	150	
1-Chlorohexane	3.23	5	2.32	139	20	180	
2,2-Dichloropropane	2.09	5	2.32	90.1	40	160	
2-Chloroethylvinylether	1.68	15	2.32	72.4	20	180	
2-Chlorotoluene	2.45	5	2.32	106	50	150	
4-Chlorotoluene	2.40	5	2.32	103	20	180	
Acrolein	4.98	50	5.8	85.9	20	200	
Acrylonitrile	4.24	10	4.64	91.4	30	170	
Benzene	2.16	5	2.32	93.1	50	150	
Bromobenzene	2.26	5	2.32	97.4	50	150	
Bromochloromethane	2.13	5	2.32	91.8	30	170	
Bromodichloromethane	2.17	5	2.32	93.5	50	150	
Bromoform	1.82	5	2.32	78.4	30	120	
Bromomethane	2.78	5	2.32	120	20	200	
Carbon disulfide	2.02	5	2.32	87.1	20	200	
Carbon tetrachloride	2.29	5	2.32	98.7	50	150	
Chlorobenzene	2.35	5	2.32	101	50	150	
Chloroethane	2.29	5	2.32	98.7	20	180	
Chloroform	2.32	5	2.32	100	50	150	
Chloromethane	2.45	5	2.32	106	40	180	
cis-1,2-Dichloroethene	2.10	5	2.32	90.5	50	150	
cis-1,3-Dichloropropene	2.03	5	2.32	87.5	40	160	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Cyclohexane	2.10	15	2.32	90.5	20	180	
Dibromochloromethane	2.04	5	2.32	87.9	40	160	
Dibromomethane	2.19	5	2.32	94.4	50	150	
Dichlorodifluoromethane	1.86	5	2.32	80.2	50	150	
Ethylbenzene	2.30	5	2.32	99.1	60	140	
Hexachlorobutadiene	2.60	5	2.32	112	20	200	
Iodomethane	2.08	5	2.32	89.7	20	200	
Isopropyl alcohol	7.06	50	5.8	122	20	200	
Isopropylbenzene	2.32	5	2.32	100	30	170	
m,p-Xylene	4.53	5	4.64	97.6	40	160	
Methyl Acetate	2.49	15	2.32	107	30	180	
Methyl tert-butyl ether	2.30	5	2.32	99.1	50	150	
Methylcyclohexane	2.11	15	2.32	90.9	20	200	
Methylene chloride	3.19	5	2.32	138	20	200	
n-Butylbenzene	2.19	5	2.32	94.4	20	180	
n-Propylbenzene	2.26	5	2.32	97.4	40	160	
Naphthalene	3.05	15	2.32	131	20	200	
o-Xylene	2.28	5	2.32	98.3	30	170	
p-Isopropyltoluene	2.22	5	2.32	95.7	20	180	
sec-Butylbenzene	2.29	5	2.32	98.7	30	170	
Styrene	2.09	5	2.32	90.1	20	200	
tert-Butylbenzene	2.33	5	2.32	100	20	180	
Tetrachloroethene	2.25	5	2.32	97.0	50	150	
Toluene	2.28	5	2.32	98.3	40	160	
Total Xylenes	6.81	5	6.96	97.8	30	170	
trans-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	
trans-1,3-Dichloropropene	1.95	5	2.32	84.1	40	160	
Trichloroethene	2.07	5	2.32	89.2	50	150	
Trichlorofluoromethane	2.33	15	2.32	100	50	150	
Vinyl acetate	5.59	15	5.8	96.4	20	200	
Vinyl chloride	2.04	5	2.32	87.9	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SamplID:	DCS2-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R50959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	2.82	15	2.32	122	40	160	
2-Hexanone	2.68	15	2.32	116	20	180	
4-Methyl-2-pentanone	2.35	15	2.32	101	50	150	
Acetone	2.25	50	2.32	97.0	20	200	

DCS REPORTING

RunID:	GCMS5_101027A	Prep Date:	10/27/2010
SampID:	DCS2-43583	Anaysis Date:	10/27/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	43583		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.400	1	0.464	86.2	50	150	
1,1,1-Trichloroethane	0.430	1	0.464	92.7	60	140	
1,1,2,2-Tetrachloroethane	0.450	1	0.464	97.0	50	150	
1,1,2-Trichloroethane	0.420	1	0.464	90.5	40	160	
1,1-Dichloroethene	0.480	1	0.464	103	50	150	
1,2-Dibromoethane	0.400	1	0.464	86.2	40	160	
1,2-Dichloroethane	0.410	1	0.464	88.4	50	150	
1,2-Dichloropropane	0.430	1	0.464	92.7	40	160	
1,3-Dichloropropane	0.380	1	0.464	81.9	50	150	
Acrylonitrile	0.360	3	0.464	77.6	30	170	
Benzene	0.430	1	0.464	92.7	50	150	
Bromoform	0.440	1	0.464	94.8	30	170	
Carbon tetrachloride	0.470	1	0.464	101	50	150	
Chlorobenzene	0.530	1	0.464	114	50	150	
Chloroform	0.470	1	0.464	101	50	150	
cis-1,2-Dichloroethene	0.440	1	0.464	94.8	50	150	
cis-1,3-Dichloropropene	0.300	1	0.464	64.7	40	160	
Dibromochloromethane	0.470	1	0.464	101	40	160	
Ethylbenzene	0.440	1	0.464	94.8	60	140	
m,p-Xylene	0.650	2	0.464	140	40	160	
Methyl tert-butyl ether	0.390	1	0.464	84.1	50	150	
Tetrachloroethene	0.400	2	0.464	86.2	50	150	
Toluene	0.460	2	0.464	99.1	40	160	
Total Xylenes	1.60	1	1.392	115	30	170	
trans-1,2-Dichloroethene	0.430	1	0.464	92.7	50	150	
trans-1,3-Dichloropropene	0.260	1	0.464	56.0	40	160	
Trichloroethene	0.460	2	0.464	99.1	50	150	
Vinyl chloride	0.450	1	0.464	97.0	50	150	

DCS REPORTING

RunID:	GCMS5_101027A	Prep Date:	10/27/2010
SampID:	DCS3-43583	Anaysis Date:	10/27/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	43583		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.860	1	0.928	92.7	50	150	
1,1,1-Trichloroethane	0.920	1	0.928	99.1	60	140	
1,1,2,2-Tetrachloroethane	0.940	1	0.928	101	50	150	
1,1,2-Trichloroethane	0.890	1	0.928	95.9	40	160	
1,1-Dichloroethene	1.02	1	0.928	110	50	150	
1,2-Dibromoethane	0.850	1	0.928	91.6	40	160	
1,2-Dichloroethane	0.890	1	0.928	95.9	50	150	
1,2-Dichloropropane	0.890	1	0.928	95.9	40	160	
1,3-Dichloropropane	0.860	1	0.928	92.7	50	150	
Acrylonitrile	1.30	3	0.928	140	30	170	
Benzene	0.860	1	0.928	92.7	50	150	
Bromoform	0.890	1	0.928	95.9	30	170	
Carbon tetrachloride	0.900	1	0.928	97.0	50	150	
Chlorobenzene	0.960	1	0.928	103	50	150	
Chloroform	0.940	1	0.928	101	50	150	
cis-1,2-Dichloroethene	0.830	1	0.928	89.4	50	150	
cis-1,3-Dichloropropene	0.610	1	0.928	65.7	40	160	
Dibromochloromethane	0.880	1	0.928	94.8	40	160	
Ethylbenzene	0.880	1	0.928	94.8	60	140	
m,p-Xylene	1.33	2	1.856	71.7	40	160	
Methyl tert-butyl ether	0.830	1	0.928	89.4	50	150	
Tetrachloroethene	0.870	2	0.928	93.8	50	150	
Toluene	0.930	2	0.928	100	40	160	
Total Xylenes	2.57	1	2.784	92.3	30	170	
trans-1,2-Dichloroethene	0.840	1	0.928	90.5	50	150	
trans-1,3-Dichloropropene	0.640	1	0.928	69.0	40	160	
Trichloroethene	0.870	2	0.928	93.8	50	150	
Vinyl chloride	0.940	1	0.928	101	50	150	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

DCS REPORTING

RunID:	GCMS6_101008B	Prep Date:	10/8/2010
SampID:	DCS2-43366-PAH	Anaysis Date:	10/8/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	43366		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00395	0.01	0.01	39.5	10	200	
2-Methylnaphthalene	0.00486	0.01	0.01	48.6	10	200	
Acenaphthene	0.00743	0.01	0.01	74.3	10	200	
Acenaphthylene	0.00588	0.01	0.01	58.8	10	200	
Anthracene	0.00595	0.01	0.01	59.5	10	200	
Benzo[a]anthracene	0.00886	0.01	0.01	88.6	10	200	
Benzo[a]pyrene	0.00760	0.01	0.01	76.0	10	200	
Benzo[b]fluoranthene	0.00858	0.01	0.01	85.8	10	200	
Benzo[e]pyrene	0.00696	0.01	0.01	69.6	10	200	
Benzo[g,h,i]perylene	0.00827	0.01	0.01	82.7	10	200	
Benzo[k]fluoranthene	0.00735	0.01	0.01	73.5	10	200	
Biphenyl	0.00871	0.01	0.01	87.1	10	200	
Chrysene	0.00965	0.01	0.01	96.5	10	200	
Dibenz[a,h]anthracene	0.00966	0.01	0.01	96.6	10	200	
Fluoranthene	0.00775	0.01	0.01	77.5	10	200	
Fluorene	0.00526	0.01	0.01	52.6	10	200	
Indeno[1,2,3-cd]pyrene	0.00897	0.01	0.01	89.7	10	200	
Naphthalene	0.00770	0.01	0.01	77.0	10	200	
Phenanthrene	0.00720	0.01	0.01	72.0	10	200	
Pyrene	0.00779	0.01	0.01	77.9	10	200	
Quinoline	0.00580	0.01	0.01	58.0	10	200	

CLIENT:	Geo Strata Environmental Consultants	CASE NARRATIVE
Project:	Hillcrest CEI	
Lab Order:	1010145	

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics by GCMS (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS (soil & water)
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/20/2010. A total of 15 samples were received. The samples arrived in good condition and were properly packaged. Sample identification SO-FD-3 was corrected and analysis added, per client's request on 10/20/2010.

Exception Report R6-04

For Volatiles Analysis, the recovery of Acetone for the Laboratory Control Spike (LCS-43522) was slightly above the method control limits. This was flagged accordingly in the enclosed QC Summary Report. This compound was within control limits in the associated ICV. No further corrective actions were taken.

Exception Report R7-01

For Volatiles, TX1005 and PAH Organics Analysis, for soils, the reference sample designated for the MS/MSDs is SO-MW1-02 (1010145-15). An MS/MSD is not applicable for the Equipment Blank, Trip Blank or Field Blank.

Exception Report R7-03

For Volatiles Analysis by GC/MS, the recovery of Trichlorofluoromethane in the Matrix Spike and Matrix Spike Duplicate (1010145-15 MS/MSD) was slightly above the method control limits. This was flagged accordingly in the enclosed QC Summary Report. The reference sample selected for the MS/MSD was from this work order. This compound was within control limits in the associated LCS. No further corrective actions were taken.

DHL Analytical

Date: 10/28/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010145

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010145-01	GW-TB3		10/19/10	10/20/10
1010145-02	SO-SB8-01		10/19/10 08:22 AM	10/20/10
1010145-03	SO-SB9-01		10/19/10 09:32 AM	10/20/10
1010145-04	SO-SB10-01		10/19/10 11:06 AM	10/20/10
1010145-05	SO-MW1-01		10/19/10 01:46 PM	10/20/10
1010145-06	SO-SB13-01		10/19/10 03:57 PM	10/20/10
1010145-07	SO-FD-2		10/19/10	10/20/10
1010145-08	GW-TB-4		10/19/10	10/20/10
1010145-09	SO-MW3-01		10/19/10 09:00 AM	10/20/10
1010145-10	SO-MW2-01		10/19/10 02:14 PM	10/20/10
1010145-11	SO-MW2-02		10/19/10 02:20 PM	10/20/10
1010145-12	GW FB-2		10/19/10 04:25 PM	10/20/10
1010145-13	GW EB-03		10/19/10 04:45 PM	10/20/10
1010145-14	SO-FD-3		10/19/10 09:30 AM	10/20/10
1010145-15	SO-MW1-02		10/19/10 01:53 PM	10/20/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010145

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010145-01A	GW-TB3	10/19/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010145-02A	SO-SB8-01	10/19/10 08:22 AM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-02B	SO-SB8-01	10/19/10 08:22 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-02C	SO-SB8-01	10/19/10 08:22 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
	SO-SB8-01	10/19/10 08:22 AM	Soil	D2216	Moisture Preparation	10/26/10 04:49 PM	43593
1010145-03A	SO-SB9-01	10/19/10 09:32 AM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-03B	SO-SB9-01	10/19/10 09:32 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-03C	SO-SB9-01	10/19/10 09:32 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
	SO-SB9-01	10/19/10 09:32 AM	Soil	D2216	Moisture Preparation	10/26/10 04:49 PM	43593
1010145-04A	SO-SB10-01	10/19/10 11:06 AM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-04B	SO-SB10-01	10/19/10 11:06 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-04C	SO-SB10-01	10/19/10 11:06 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-04D	SO-SB10-01	10/19/10 11:06 AM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-05A	SO-MW1-01	10/19/10 01:46 PM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-05B	SO-MW1-01	10/19/10 01:46 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-05C	SO-MW1-01	10/19/10 01:46 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-05D	SO-MW1-01	10/19/10 01:46 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-06A	SO-SB13-01	10/19/10 03:57 PM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-06B	SO-SB13-01	10/19/10 03:57 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-06C	SO-SB13-01	10/19/10 03:57 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-06D	SO-SB13-01	10/19/10 03:57 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-07A	SO-FD-2	10/19/10	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-07B	SO-FD-2	10/19/10	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-07C	SO-FD-2	10/19/10	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-07D	SO-FD-2	10/19/10	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-08A	GW-TB-4	10/19/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010145-09A	SO-MW3-01	10/19/10 09:00 AM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-09B	SO-MW3-01	10/19/10 09:00 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-09C	SO-MW3-01	10/19/10 09:00 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010145

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	SO-MW3-01	10/19/10 09:00 AM	Soil	D2216	Moisture Preparation	10/26/10 04:49 PM	43593
1010145-10A	SO-MW2-01	10/19/10 02:14 PM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-10B	SO-MW2-01	10/19/10 02:14 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
	SO-MW2-01	10/19/10 02:14 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-10C	SO-MW2-01	10/19/10 02:14 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-10D	SO-MW2-01	10/19/10 02:14 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-11A	SO-MW2-02	10/19/10 02:20 PM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-11B	SO-MW2-02	10/19/10 02:20 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-11C	SO-MW2-02	10/19/10 02:20 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-11D	SO-MW2-02	10/19/10 02:20 PM	Soil	D2216	Moisture Preparation	10/21/10 02:17 PM	43533
1010145-12A	GW FB-2	10/19/10 04:25 PM	Field Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010145-13A	GW EB-03	10/19/10 04:45 PM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/20/10 09:53 AM	43453
1010145-13B	GW EB-03	10/19/10 04:45 PM	Equip Blank	TX1005	TX1005 Water Prep	10/21/10 03:34 PM	43535
1010145-13C	GW EB-03	10/19/10 04:45 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010145-14A	SO-FD-3	10/19/10 09:30 AM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-14B	SO-FD-3	10/19/10 09:30 AM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-14C	SO-FD-3	10/19/10 09:30 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
	SO-FD-3	10/19/10 09:30 AM	Soil	D2216	Moisture Preparation	10/26/10 04:49 PM	43593
1010145-15A	SO-MW1-02	10/19/10 01:53 PM	Soil	SW5035	Purge and Trap 5035	10/21/10 10:06 AM	43522
1010145-15B	SO-MW1-02	10/19/10 01:53 PM	Soil	TX1005	TX1005 Soil Prep	10/20/10 03:02 PM	43510
1010145-15C	SO-MW1-02	10/19/10 01:53 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010145-15D	SO-MW1-02	10/19/10 01:53 PM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010145

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010145-01A	GW-TB3	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 05:08 PM	GCMS5_101020C
1010145-02A	SO-SB8-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 01:22 PM	GCMS2_101021A
1010145-02B	SO-SB8-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 05:46 PM	GC12_101020C
1010145-02C	SO-SB8-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 10:42 AM	GCMS6_101026A
	SO-SB8-01	Soil	D2216	Percent Moisture	43593	1	10/27/10 08:55 AM	PMOIST_101026A
1010145-03A	SO-SB9-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 01:55 PM	GCMS2_101021A
1010145-03B	SO-SB9-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 05:55 PM	GC12_101020C
1010145-03C	SO-SB9-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 11:16 AM	GCMS6_101026A
	SO-SB9-01	Soil	D2216	Percent Moisture	43593	1	10/27/10 08:55 AM	PMOIST_101026A
1010145-04A	SO-SB10-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 02:31 PM	GCMS2_101021A
1010145-04B	SO-SB10-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:04 PM	GC12_101020C
1010145-04C	SO-SB10-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 11:48 AM	GCMS6_101026A
1010145-04D	SO-SB10-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-05A	SO-MW1-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 03:05 PM	GCMS2_101021A
1010145-05B	SO-MW1-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:13 PM	GC12_101020C
1010145-05C	SO-MW1-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 12:19 PM	GCMS6_101026A
1010145-05D	SO-MW1-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-06A	SO-SB13-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 03:40 PM	GCMS2_101021A
1010145-06B	SO-SB13-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:22 PM	GC12_101020C
1010145-06C	SO-SB13-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 12:50 PM	GCMS6_101026A
1010145-06D	SO-SB13-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-07A	SO-FD-2	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 04:16 PM	GCMS2_101021A
1010145-07B	SO-FD-2	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:31 PM	GC12_101020C
1010145-07C	SO-FD-2	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 01:22 PM	GCMS6_101026A
1010145-07D	SO-FD-2	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-08A	GW-TB-4	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 05:32 PM	GCMS5_101020C
1010145-09A	SO-MW3-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 04:48 PM	GCMS2_101021A
1010145-09B	SO-MW3-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:40 PM	GC12_101020C
1010145-09C	SO-MW3-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 01:53 PM	GCMS6_101026A

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010145

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	SO-MW3-01	Soil	D2216	Percent Moisture	43593	1	10/27/10 08:55 AM	PMOIST_101026A
1010145-10A	SO-MW2-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 05:24 PM	GCMS2_101021A
1010145-10B	SO-MW2-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 06:58 PM	GC12_101020C
	SO-MW2-01	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/21/10 09:29 AM	GC12_101020C
1010145-10C	SO-MW2-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 02:25 PM	GCMS6_101026A
1010145-10D	SO-MW2-01	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-11A	SO-MW2-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 06:00 PM	GCMS2_101021A
1010145-11B	SO-MW2-02	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 07:07 PM	GC12_101020C
1010145-11C	SO-MW2-02	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 02:57 PM	GCMS6_101026A
1010145-11D	SO-MW2-02	Soil	D2216	Percent Moisture	43533	1	10/22/10 09:00 AM	PMOIST_101021B
1010145-12A	GW FB-2	Field Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 05:56 PM	GCMS5_101020C
1010145-13A	GW EB-03	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43453	1	10/20/10 06:20 PM	GCMS5_101020C
1010145-13B	GW EB-03	Equip Blank	TX1005	Tx1005 TPH Water	43535	1	10/22/10 09:29 AM	GC12_101022A
1010145-13C	GW EB-03	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 02:36 PM	GCMS6_101025A
1010145-14A	SO-FD-3	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 06:33 PM	GCMS2_101021A
1010145-14B	SO-FD-3	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 07:16 PM	GC12_101020C
1010145-14C	SO-FD-3	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 03:29 PM	GCMS6_101026A
	SO-FD-3	Soil	D2216	Percent Moisture	43593	1	10/27/10 08:55 AM	PMOIST_101026A
1010145-15A	SO-MW1-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43522	1	10/21/10 12:45 PM	GCMS2_101021A
1010145-15B	SO-MW1-02	Soil	TX1005	Tx1005 TPH Soil	43510	1	10/20/10 07:24 PM	GC12_101020C
1010145-15C	SO-MW1-02	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 04:00 PM	GCMS6_101026A
1010145-15D	SO-MW1-02	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB3
Project:	Hillcrest CEI	Lab ID:	1010145-01
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 05:08 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 05:08 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 05:08 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:08 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:08 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 05:08 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:08 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:08 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:08 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB3
Project:	Hillcrest CEI	Lab ID:	1010145-01
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:08 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:08 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 05:08 PM
Surr: 1,2-Dichloroethane-d4	96.2	0	72 - 119		%REC	1	10/20/10 05:08 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 05:08 PM
Surr: Dibromofluoromethane	100	0	85 - 115		%REC	1	10/20/10 05:08 PM
Surr: Toluene-d8	97.1	0	81 - 120		%REC	1	10/20/10 05:08 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB8-01
Project:	Hillcrest CEI	Lab ID:	1010145-02
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 08:22 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.37	7.37	21.1		mg/Kg-dry	1	10/20/10 05:46 PM
T/R Hydrocarbons: >C12-C28	<7.37	7.37	21.1		mg/Kg-dry	1	10/20/10 05:46 PM
T/R Hydrocarbons: >C28-C35	<7.37	7.37	21.1		mg/Kg-dry	1	10/20/10 05:46 PM
T/R Hydrocarbons: C6-C35	<7.37	7.37	21.1		mg/Kg-dry	1	10/20/10 05:46 PM
Surr: Isopropylbenzene	99.5	0	70 - 130		%REC	1	10/20/10 05:46 PM
Surr: Octacosane	99.0	0	70 - 130		%REC	1	10/20/10 05:46 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Acenaphthylene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Anthracene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Benzo[a]anthracene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Benzo[a]pyrene	<0.0326	0.0326	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Benzo[b]fluoranthene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Benzo[g,h,i]perylene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Benzo[k]fluoranthene	<0.0326	0.0326	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Chrysene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Dibenz[a,h]anthracene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Fluoranthene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Fluorene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Indeno[1,2,3-cd]pyrene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Naphthalene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Phenanthrene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Pyrene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/27/10 10:42 AM
Surr: 2-Fluorobiphenyl	62.2	0	40 - 140		%REC	1	10/27/10 10:42 AM
Surr: 4-Terphenyl-d14	77.1	0	40 - 140		%REC	1	10/27/10 10:42 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,1,2,2-Tetrachloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,1,2-Trichloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,1,2-Trichlorotrifluoroethane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
1,1-Dichloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,1-Dichloroethene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2,4-Trichlorobenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2-Dibromo-3-chloropropane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2-Dibromoethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2-Dichlorobenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2-Dichloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,2-Dichloropropane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,3-Dichlorobenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
1,4-Dichlorobenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
2-Butanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
2-Hexanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
4-Methyl-2-pentanone	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
Acetone	<0.0148	0.0148	0.0494		mg/Kg-dry	1	10/21/10 01:22 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB8-01
Project:	Hillcrest CEI	Lab ID:	1010145-02
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 08:22 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Bromodichloromethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Bromoform	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Bromomethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Carbon disulfide	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Carbon tetrachloride	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Chlorobenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Chloroethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Chloroform	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Chloromethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
cis-1,2-Dichloroethene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
cis-1,3-Dichloropropene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Cyclohexane	<0.00494	0.00494	0.0148	N	mg/Kg-dry	1	10/21/10 01:22 PM
Dibromochloromethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Dichlorodifluoromethane	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Ethylbenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Isopropylbenzene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
m,p-Xylene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Methyl Acetate	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
Methyl tert-butyl ether	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Methylcyclohexane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
Methylene chloride	<0.00494	0.00494	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
o-Xylene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Styrene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Tetrachloroethene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Toluene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
trans-1,2-Dichloroethene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
trans-1,3-Dichloropropene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Trichloroethene	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Trichlorofluoromethane	<0.00494	0.00494	0.0148		mg/Kg-dry	1	10/21/10 01:22 PM
Vinyl chloride	<0.000988	0.000988	0.00494		mg/Kg-dry	1	10/21/10 01:22 PM
Surr: 1,2-Dichloroethane-d4	131	0	52 - 149		%REC	1	10/21/10 01:22 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/21/10 01:22 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/21/10 01:22 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/21/10 01:22 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	16.0	0	0		WT%	1	10/27/10 08:55 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB9-01
Project:	Hillcrest CEI	Lab ID:	1010145-03
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:32 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.75	8.75	25.0		mg/Kg-dry	1	10/20/10 05:55 PM
T/R Hydrocarbons: >C12-C28	<8.75	8.75	25.0		mg/Kg-dry	1	10/20/10 05:55 PM
T/R Hydrocarbons: >C28-C35	<8.75	8.75	25.0		mg/Kg-dry	1	10/20/10 05:55 PM
T/R Hydrocarbons: C6-C35	<8.75	8.75	25.0		mg/Kg-dry	1	10/20/10 05:55 PM
Surr: Isopropylbenzene	101	0	70 - 130		%REC	1	10/20/10 05:55 PM
Surr: Octacosane	106	0	70 - 130		%REC	1	10/20/10 05:55 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Acenaphthylene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Anthracene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Benzo[a]anthracene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Benzo[a]pyrene	<0.0305	0.0305	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Benzo[b]fluoranthene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Benzo[g,h,i]perylene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Benzo[k]fluoranthene	<0.0305	0.0305	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Chrysene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Dibenz[a,h]anthracene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Fluoranthene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Fluorene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Indeno[1,2,3-cd]pyrene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Naphthalene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Phenanthrene	<0.0102	0.0102	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Pyrene	<0.0203	0.0203	0.0508		mg/Kg-dry	1	10/27/10 11:16 AM
Surr: 2-Fluorobiphenyl	64.5	0	40 - 140		%REC	1	10/27/10 11:16 AM
Surr: 4-Terphenyl-d14	75.7	0	40 - 140		%REC	1	10/27/10 11:16 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,1,2,2-Tetrachloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,1,2-Trichloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,1,2-Trichlorotrifluoroethane	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
1,1-Dichloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,1-Dichloroethene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2,4-Trichlorobenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2-Dibromo-3-chloropropane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2-Dibromoethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2-Dichlorobenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2-Dichloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,2-Dichloropropane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,3-Dichlorobenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
1,4-Dichlorobenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
2-Butanone	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
2-Hexanone	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
4-Methyl-2-pentanone	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
Acetone	<0.0169	0.0169	0.0564		mg/Kg-dry	1	10/21/10 01:55 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB9-01
Project:	Hillcrest CEI	Lab ID:	1010145-03
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:32 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Bromodichloromethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Bromoform	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Bromomethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Carbon disulfide	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Carbon tetrachloride	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Chlorobenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Chloroethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Chloroform	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Chloromethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
cis-1,2-Dichloroethene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
cis-1,3-Dichloropropene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Cyclohexane	<0.00564	0.00564	0.0169	N	mg/Kg-dry	1	10/21/10 01:55 PM
Dibromochloromethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Dichlorodifluoromethane	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Ethylbenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Isopropylbenzene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
m,p-Xylene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Methyl Acetate	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
Methyl tert-butyl ether	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Methylcyclohexane	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
Methylene chloride	<0.00564	0.00564	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
o-Xylene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Styrene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Tetrachloroethene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Toluene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
trans-1,2-Dichloroethene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
trans-1,3-Dichloropropene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Trichloroethene	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Trichlorofluoromethane	<0.00564	0.00564	0.0169		mg/Kg-dry	1	10/21/10 01:55 PM
Vinyl chloride	<0.00113	0.00113	0.00564		mg/Kg-dry	1	10/21/10 01:55 PM
Surr: 1,2-Dichloroethane-d4	121	0	52 - 149		%REC	1	10/21/10 01:55 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/21/10 01:55 PM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/21/10 01:55 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/21/10 01:55 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	8.68	0	0		WT%	1	10/27/10 08:55 AM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB10-01
Project:	Hillcrest CEI	Lab ID:	1010145-04
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 11:06 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 06:04 PM
T/R Hydrocarbons: >C12-C28	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 06:04 PM
T/R Hydrocarbons: >C28-C35	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 06:04 PM
T/R Hydrocarbons: C6-C35	<8.62	8.62	24.6		mg/Kg-dry	1	10/20/10 06:04 PM
Surr: Isopropylbenzene	99.2	0	70 - 130		%REC	1	10/20/10 06:04 PM
Surr: Octacosane	99.5	0	70 - 130		%REC	1	10/20/10 06:04 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Acenaphthylene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Anthracene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Benzo[a]anthracene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Benzo[a]pyrene	<0.0366	0.0366	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Benzo[b]fluoranthene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Benzo[g,h,i]perylene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Benzo[k]fluoranthene	<0.0366	0.0366	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Chrysene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Dibenz[a,h]anthracene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Fluoranthene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Fluorene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Indeno[1,2,3-cd]pyrene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Naphthalene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Phenanthrene	<0.0122	0.0122	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Pyrene	<0.0244	0.0244	0.0610		mg/Kg-dry	1	10/27/10 11:48 AM
Surr: 2-Fluorobiphenyl	63.8	0	40 - 140		%REC	1	10/27/10 11:48 AM
Surr: 4-Terphenyl-d14	80.9	0	40 - 140		%REC	1	10/27/10 11:48 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,1,2,2-Tetrachloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,1,2-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,1,2-Trichlorotrifluoroethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
1,1-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,1-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2,4-Trichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2-Dibromo-3-chloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2-Dibromoethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,2-Dichloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,3-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
1,4-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
2-Butanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
2-Hexanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
4-Methyl-2-pentanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
Acetone	<0.0169	0.0169	0.0563		mg/Kg-dry	1	10/21/10 02:31 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB10-01
Project:	Hillcrest CEI	Lab ID:	1010145-04
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 11:06 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Bromodichloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Bromoform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Bromomethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Carbon disulfide	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Carbon tetrachloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Chlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Chloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Chloroform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Chloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
cis-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
cis-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Cyclohexane	<0.00563	0.00563	0.0169	N	mg/Kg-dry	1	10/21/10 02:31 PM
Dibromochloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Dichlorodifluoromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Ethylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Isopropylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
m,p-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Methyl Acetate	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
Methyl tert-butyl ether	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Methylcyclohexane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
Methylene chloride	<0.00563	0.00563	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
o-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Styrene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Tetrachloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Toluene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
trans-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
trans-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Trichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Trichlorofluoromethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 02:31 PM
Vinyl chloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 02:31 PM
Surr: 1,2-Dichloroethane-d4	130	0	52 - 149		%REC	1	10/21/10 02:31 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/21/10 02:31 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/21/10 02:31 PM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/21/10 02:31 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	24.4	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW1-01
Project:	Hillcrest CEI	Lab ID:	1010145-05
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 01:46 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.23	8.23	23.5		mg/Kg-dry	1	10/20/10 06:13 PM
T/R Hydrocarbons: >C12-C28	<8.23	8.23	23.5		mg/Kg-dry	1	10/20/10 06:13 PM
T/R Hydrocarbons: >C28-C35	<8.23	8.23	23.5		mg/Kg-dry	1	10/20/10 06:13 PM
T/R Hydrocarbons: C6-C35	<8.23	8.23	23.5		mg/Kg-dry	1	10/20/10 06:13 PM
Surr: Isopropylbenzene	98.6	0	70 - 130		%REC	1	10/20/10 06:13 PM
Surr: Octacosane	104	0	70 - 130		%REC	1	10/20/10 06:13 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Acenaphthylene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Anthracene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Benzo[a]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Benzo[a]pyrene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Benzo[b]fluoranthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Benzo[g,h,i]perylene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Benzo[k]fluoranthene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Chrysene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Dibenz[a,h]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Fluoranthene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Fluorene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Naphthalene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Phenanthrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Pyrene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 12:19 PM
Surr: 2-Fluorobiphenyl	68.1	0	40 - 140		%REC	1	10/27/10 12:19 PM
Surr: 4-Terphenyl-d14	84.9	0	40 - 140		%REC	1	10/27/10 12:19 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,1,2,2-Tetrachloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,1,2-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,1,2-Trichlorotrifluoroethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
1,1-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,1-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2,4-Trichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2-Dibromo-3-chloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2-Dibromoethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,2-Dichloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,3-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
1,4-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
2-Butanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
2-Hexanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
4-Methyl-2-pentanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
Acetone	<0.0169	0.0169	0.0563		mg/Kg-dry	1	10/21/10 03:05 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW1-01
Project:	Hillcrest CEI	Lab ID:	1010145-05
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 01:46 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Bromodichloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Bromoform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Bromomethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Carbon disulfide	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Carbon tetrachloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Chlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Chloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Chloroform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Chloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
cis-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
cis-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Cyclohexane	<0.00563	0.00563	0.0169	N	mg/Kg-dry	1	10/21/10 03:05 PM
Dibromochloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Dichlorodifluoromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Ethylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Isopropylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
m,p-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Methyl Acetate	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
Methyl tert-butyl ether	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Methylcyclohexane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
Methylene chloride	<0.00563	0.00563	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
o-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Styrene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Tetrachloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Toluene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
trans-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
trans-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Trichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Trichlorofluoromethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/21/10 03:05 PM
Vinyl chloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/21/10 03:05 PM
Surr: 1,2-Dichloroethane-d4	130	0	52 - 149		%REC	1	10/21/10 03:05 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/21/10 03:05 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/21/10 03:05 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/21/10 03:05 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	13.9	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB13-01
Project:	Hillcrest CEI	Lab ID:	1010145-06
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 03:57 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.20	7.20	20.6		mg/Kg-dry	1	10/20/10 06:22 PM
T/R Hydrocarbons: >C12-C28	<7.20	7.20	20.6		mg/Kg-dry	1	10/20/10 06:22 PM
T/R Hydrocarbons: >C28-C35	<7.20	7.20	20.6		mg/Kg-dry	1	10/20/10 06:22 PM
T/R Hydrocarbons: C6-C35	<7.20	7.20	20.6		mg/Kg-dry	1	10/20/10 06:22 PM
Surr: Isopropylbenzene	101	0	70 - 130		%REC	1	10/20/10 06:22 PM
Surr: Octacosane	100	0	70 - 130		%REC	1	10/20/10 06:22 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Acenaphthylene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Anthracene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Benzo[a]anthracene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Benzo[a]pyrene	<0.0322	0.0322	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Benzo[b]fluoranthene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Benzo[g,h,i]perylene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Benzo[k]fluoranthene	<0.0322	0.0322	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Chrysene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Dibenz[a,h]anthracene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Fluoranthene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Fluorene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Indeno[1,2,3-cd]pyrene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Naphthalene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Phenanthrene	<0.0107	0.0107	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Pyrene	<0.0214	0.0214	0.0536		mg/Kg-dry	1	10/27/10 12:50 PM
Surr: 2-Fluorobiphenyl	64.7	0	40 - 140		%REC	1	10/27/10 12:50 PM
Surr: 4-Terphenyl-d14	80.5	0	40 - 140		%REC	1	10/27/10 12:50 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,1,2,2-Tetrachloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,1,2-Trichloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,1,2-Trichlorotrifluoroethane	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
1,1-Dichloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,1-Dichloroethene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2,4-Trichlorobenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2-Dibromo-3-chloropropane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2-Dibromoethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2-Dichlorobenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2-Dichloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,2-Dichloropropane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,3-Dichlorobenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
1,4-Dichlorobenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
2-Butanone	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
2-Hexanone	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
4-Methyl-2-pentanone	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
Acetone	<0.0171	0.0171	0.0571		mg/Kg-dry	1	10/21/10 03:40 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB13-01
Project:	Hillcrest CEI	Lab ID:	1010145-06
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 03:57 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Bromodichloromethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Bromoform	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Bromomethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Carbon disulfide	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Carbon tetrachloride	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Chlorobenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Chloroethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Chloroform	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Chloromethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
cis-1,2-Dichloroethene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
cis-1,3-Dichloropropene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Cyclohexane	<0.00571	0.00571	0.0171	N	mg/Kg-dry	1	10/21/10 03:40 PM
Dibromochloromethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Dichlorodifluoromethane	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Ethylbenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Isopropylbenzene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
m,p-Xylene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Methyl Acetate	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
Methyl tert-butyl ether	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Methylcyclohexane	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
Methylene chloride	<0.00571	0.00571	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
o-Xylene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Styrene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Tetrachloroethene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Toluene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
trans-1,2-Dichloroethene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
trans-1,3-Dichloropropene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Trichloroethene	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Trichlorofluoromethane	<0.00571	0.00571	0.0171		mg/Kg-dry	1	10/21/10 03:40 PM
Vinyl chloride	<0.00114	0.00114	0.00571		mg/Kg-dry	1	10/21/10 03:40 PM
Surr: 1,2-Dichloroethane-d4	117	0	52 - 149		%REC	1	10/21/10 03:40 PM
Surr: 4-Bromofluorobenzene	108	0	84 - 118		%REC	1	10/21/10 03:40 PM
Surr: Dibromofluoromethane	99.5	0	65 - 135		%REC	1	10/21/10 03:40 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/21/10 03:40 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	8.92	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-2
Project:	Hillcrest CEI	Lab ID:	1010145-07
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 06:31 PM
T/R Hydrocarbons: >C12-C28	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 06:31 PM
T/R Hydrocarbons: >C28-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 06:31 PM
T/R Hydrocarbons: C6-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/20/10 06:31 PM
Surr: Isopropylbenzene	99.5	0	70 - 130		%REC	1	10/20/10 06:31 PM
Surr: Octacosane	99.7	0	70 - 130		%REC	1	10/20/10 06:31 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Acenaphthylene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Anthracene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Benzo[a]anthracene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Benzo[a]pyrene	<0.0346	0.0346	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Benzo[b]fluoranthene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Benzo[g,h,i]perylene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Benzo[k]fluoranthene	<0.0346	0.0346	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Chrysene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Dibenz[a,h]anthracene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Fluoranthene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Fluorene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Naphthalene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Phenanthrene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Pyrene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/27/10 01:22 PM
Surr: 2-Fluorobiphenyl	63.0	0	40 - 140		%REC	1	10/27/10 01:22 PM
Surr: 4-Terphenyl-d14	76.0	0	40 - 140		%REC	1	10/27/10 01:22 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,1,2,2-Tetrachloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,1,2-Trichloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,1,2-Trichlorotrifluoroethane	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
1,1-Dichloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,1-Dichloroethene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2,4-Trichlorobenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2-Dibromo-3-chloropropane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2-Dibromoethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2-Dichlorobenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2-Dichloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,2-Dichloropropane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,3-Dichlorobenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
1,4-Dichlorobenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
2-Butanone	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
2-Hexanone	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
4-Methyl-2-pentanone	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
Acetone	<0.0195	0.0195	0.0650		mg/Kg-dry	1	10/21/10 04:16 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-2
Project:	Hillcrest CEI	Lab ID:	1010145-07
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Bromodichloromethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Bromoform	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Bromomethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Carbon disulfide	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Carbon tetrachloride	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Chlorobenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Chloroethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Chloroform	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Chloromethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
cis-1,2-Dichloroethene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
cis-1,3-Dichloropropene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Cyclohexane	<0.00650	0.00650	0.0195	N	mg/Kg-dry	1	10/21/10 04:16 PM
Dibromochloromethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Dichlorodifluoromethane	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Ethylbenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Isopropylbenzene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
m,p-Xylene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Methyl Acetate	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
Methyl tert-butyl ether	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Methylcyclohexane	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
Methylene chloride	<0.00650	0.00650	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
o-Xylene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Styrene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Tetrachloroethene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Toluene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
trans-1,2-Dichloroethene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
trans-1,3-Dichloropropene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Trichloroethene	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Trichlorofluoromethane	<0.00650	0.00650	0.0195		mg/Kg-dry	1	10/21/10 04:16 PM
Vinyl chloride	<0.00130	0.00130	0.00650		mg/Kg-dry	1	10/21/10 04:16 PM
Surr: 1,2-Dichloroethane-d4	112	0	52 - 149		%REC	1	10/21/10 04:16 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/21/10 04:16 PM
Surr: Dibromofluoromethane	97.0	0	65 - 135		%REC	1	10/21/10 04:16 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/21/10 04:16 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	16.5	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB-4
Project:	Hillcrest CEI	Lab ID:	1010145-08
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 05:32 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 05:32 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 05:32 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:32 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:32 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 05:32 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:32 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:32 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:32 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB-4
Project:	Hillcrest CEI	Lab ID:	1010145-08
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10
Lab Order:	1010145	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:32 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:32 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 05:32 PM
Surr: 1,2-Dichloroethane-d4	96.2	0	72 - 119		%REC	1	10/20/10 05:32 PM
Surr: 4-Bromofluorobenzene	105	0	76 - 119		%REC	1	10/20/10 05:32 PM
Surr: Dibromofluoromethane	99.7	0	85 - 115		%REC	1	10/20/10 05:32 PM
Surr: Toluene-d8	96.9	0	81 - 120		%REC	1	10/20/10 05:32 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW3-01
Project:	Hillcrest CEI	Lab ID:	1010145-09
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:00 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.85	7.85	22.4		mg/Kg-dry	1	10/20/10 06:40 PM
T/R Hydrocarbons: >C12-C28	<7.85	7.85	22.4		mg/Kg-dry	1	10/20/10 06:40 PM
T/R Hydrocarbons: >C28-C35	<7.85	7.85	22.4		mg/Kg-dry	1	10/20/10 06:40 PM
T/R Hydrocarbons: C6-C35	<7.85	7.85	22.4		mg/Kg-dry	1	10/20/10 06:40 PM
Surr: Isopropylbenzene	101	0	70 - 130		%REC	1	10/20/10 06:40 PM
Surr: Octacosane	97.8	0	70 - 130		%REC	1	10/20/10 06:40 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Acenaphthylene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Anthracene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Benzo[a]anthracene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Benzo[a]pyrene	<0.0336	0.0336	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Benzo[b]fluoranthene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Benzo[g,h,i]perylene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Benzo[k]fluoranthene	<0.0336	0.0336	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Chrysene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Dibenz[a,h]anthracene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Fluoranthene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Fluorene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Indeno[1,2,3-cd]pyrene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Naphthalene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Phenanthrene	<0.0112	0.0112	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Pyrene	<0.0224	0.0224	0.0561		mg/Kg-dry	1	10/27/10 01:53 PM
Surr: 2-Fluorobiphenyl	69.3	0	40 - 140		%REC	1	10/27/10 01:53 PM
Surr: 4-Terphenyl-d14	84.9	0	40 - 140		%REC	1	10/27/10 01:53 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,1,2,2-Tetrachloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,1,2-Trichloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,1,2-Trichlorotrifluoroethane	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
1,1-Dichloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,1-Dichloroethene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2,4-Trichlorobenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2-Dibromo-3-chloropropane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2-Dibromoethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2-Dichlorobenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2-Dichloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,2-Dichloropropane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,3-Dichlorobenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
1,4-Dichlorobenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
2-Butanone	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
2-Hexanone	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
4-Methyl-2-pentanone	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
Acetone	<0.0134	0.0134	0.0446		mg/Kg-dry	1	10/21/10 04:48 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW3-01
Project:	Hillcrest CEI	Lab ID:	1010145-09
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:00 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Bromodichloromethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Bromoform	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Bromomethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Carbon disulfide	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Carbon tetrachloride	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Chlorobenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Chloroethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Chloroform	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Chloromethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
cis-1,2-Dichloroethene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
cis-1,3-Dichloropropene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Cyclohexane	<0.00446	0.00446	0.0134	N	mg/Kg-dry	1	10/21/10 04:48 PM
Dibromochloromethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Dichlorodifluoromethane	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Ethylbenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Isopropylbenzene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
m,p-Xylene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Methyl Acetate	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
Methyl tert-butyl ether	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Methylcyclohexane	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
Methylene chloride	<0.00446	0.00446	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
o-Xylene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Styrene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Tetrachloroethene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Toluene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
trans-1,2-Dichloroethene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
trans-1,3-Dichloropropene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Trichloroethene	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Trichlorofluoromethane	<0.00446	0.00446	0.0134		mg/Kg-dry	1	10/21/10 04:48 PM
Vinyl chloride	<0.000893	0.000893	0.00446		mg/Kg-dry	1	10/21/10 04:48 PM
Surr: 1,2-Dichloroethane-d4	139	0	52 - 149		%REC	1	10/21/10 04:48 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/21/10 04:48 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/21/10 04:48 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/21/10 04:48 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.4	0	0		WT%	1	10/27/10 08:55 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW2-01
Project:	Hillcrest CEI	Lab ID:	1010145-10
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 02:14 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.59	7.59	21.7		mg/Kg-dry	1	10/21/10 09:29 AM
T/R Hydrocarbons: >C12-C28	<7.59	7.59	21.7		mg/Kg-dry	1	10/21/10 09:29 AM
T/R Hydrocarbons: >C28-C35	<7.59	7.59	21.7		mg/Kg-dry	1	10/21/10 09:29 AM
T/R Hydrocarbons: C6-C35	<7.59	7.59	21.7		mg/Kg-dry	1	10/21/10 09:29 AM
Surr: Isopropylbenzene	99.2	0	70 - 130		%REC	1	10/21/10 09:29 AM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/21/10 09:29 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Acenaphthylene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Anthracene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Benzo[a]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Benzo[a]pyrene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Benzo[b]fluoranthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Benzo[g,h,i]perylene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Benzo[k]fluoranthene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Chrysene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Dibenz[a,h]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Fluoranthene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Fluorene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Naphthalene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Phenanthrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Pyrene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 02:25 PM
Surr: 2-Fluorobiphenyl	62.4	0	40 - 140		%REC	1	10/27/10 02:25 PM
Surr: 4-Terphenyl-d14	75.9	0	40 - 140		%REC	1	10/27/10 02:25 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,1,2,2-Tetrachloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,1,2-Trichloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,1,2-Trichlorotrifluoroethane	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
1,1-Dichloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,1-Dichloroethene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2,4-Trichlorobenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2-Dibromo-3-chloropropane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2-Dibromoethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2-Dichlorobenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2-Dichloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,2-Dichloropropane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,3-Dichlorobenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
1,4-Dichlorobenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
2-Butanone	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
2-Hexanone	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
4-Methyl-2-pentanone	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
Acetone	<0.0140	0.0140	0.0466		mg/Kg-dry	1	10/21/10 05:24 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW2-01
Project:	Hillcrest CEI	Lab ID:	1010145-10
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 02:14 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Bromodichloromethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Bromoform	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Bromomethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Carbon disulfide	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Carbon tetrachloride	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Chlorobenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Chloroethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Chloroform	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Chloromethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
cis-1,2-Dichloroethene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
cis-1,3-Dichloropropene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Cyclohexane	<0.00466	0.00466	0.0140	N	mg/Kg-dry	1	10/21/10 05:24 PM
Dibromochloromethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Dichlorodifluoromethane	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Ethylbenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Isopropylbenzene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
m,p-Xylene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Methyl Acetate	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
Methyl tert-butyl ether	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Methylcyclohexane	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
Methylene chloride	<0.00466	0.00466	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
o-Xylene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Styrene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Tetrachloroethene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Toluene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
trans-1,2-Dichloroethene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
trans-1,3-Dichloropropene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Trichloroethene	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Trichlorofluoromethane	<0.00466	0.00466	0.0140		mg/Kg-dry	1	10/21/10 05:24 PM
Vinyl chloride	<0.000932	0.000932	0.00466		mg/Kg-dry	1	10/21/10 05:24 PM
Surr: 1,2-Dichloroethane-d4	137	0	52 - 149		%REC	1	10/21/10 05:24 PM
Surr: 4-Bromofluorobenzene	107	0	84 - 118		%REC	1	10/21/10 05:24 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/21/10 05:24 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/21/10 05:24 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	14.2	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW2-02
Project:	Hillcrest CEI	Lab ID:	1010145-11
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 02:20 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.54	8.54	24.4		mg/Kg-dry	1	10/20/10 07:07 PM
T/R Hydrocarbons: >C12-C28	<8.54	8.54	24.4		mg/Kg-dry	1	10/20/10 07:07 PM
T/R Hydrocarbons: >C28-C35	<8.54	8.54	24.4		mg/Kg-dry	1	10/20/10 07:07 PM
T/R Hydrocarbons: C6-C35	<8.54	8.54	24.4		mg/Kg-dry	1	10/20/10 07:07 PM
Surr: Isopropylbenzene	93.1	0	70 - 130		%REC	1	10/20/10 07:07 PM
Surr: Octacosane	93.5	0	70 - 130		%REC	1	10/20/10 07:07 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Acenaphthylene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Anthracene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Benzo[a]anthracene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Benzo[a]pyrene	<0.0331	0.0331	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Benzo[b]fluoranthene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Benzo[g,h,i]perylene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Benzo[k]fluoranthene	<0.0331	0.0331	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Chrysene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Dibenz[a,h]anthracene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Fluoranthene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Fluorene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Indeno[1,2,3-cd]pyrene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Naphthalene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Phenanthrene	<0.0110	0.0110	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Pyrene	<0.0221	0.0221	0.0551		mg/Kg-dry	1	10/27/10 02:57 PM
Surr: 2-Fluorobiphenyl	64.1	0	40 - 140		%REC	1	10/27/10 02:57 PM
Surr: 4-Terphenyl-d14	80.8	0	40 - 140		%REC	1	10/27/10 02:57 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,1,2,2-Tetrachloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,1,2-Trichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,1,2-Trichlorotrifluoroethane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
1,1-Dichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,1-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2,4-Trichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2-Dibromo-3-chloropropane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2-Dibromoethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2-Dichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,2-Dichloropropane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,3-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
1,4-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
2-Butanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
2-Hexanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
4-Methyl-2-pentanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
Acetone	<0.0166	0.0166	0.0552		mg/Kg-dry	1	10/21/10 06:00 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW2-02
Project:	Hillcrest CEI	Lab ID:	1010145-11
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 02:20 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Bromodichloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Bromoform	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Bromomethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Carbon disulfide	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Carbon tetrachloride	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Chlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Chloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Chloroform	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Chloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
cis-1,2-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
cis-1,3-Dichloropropene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Cyclohexane	<0.00552	0.00552	0.0166	N	mg/Kg-dry	1	10/21/10 06:00 PM
Dibromochloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Dichlorodifluoromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Ethylbenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Isopropylbenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
m,p-Xylene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Methyl Acetate	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
Methyl tert-butyl ether	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Methylcyclohexane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
Methylene chloride	<0.00552	0.00552	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
o-Xylene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Styrene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Tetrachloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Toluene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
trans-1,2-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
trans-1,3-Dichloropropene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Trichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Trichlorofluoromethane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/21/10 06:00 PM
Vinyl chloride	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/21/10 06:00 PM
Surr: 1,2-Dichloroethane-d4	113	0	52 - 149		%REC	1	10/21/10 06:00 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/21/10 06:00 PM
Surr: Dibromofluoromethane	96.9	0	65 - 135		%REC	1	10/21/10 06:00 PM
Surr: Toluene-d8	107	0	84 - 116		%REC	1	10/21/10 06:00 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	13.1	0	0		WT%	1	10/22/10 09:00 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW FB-2
Project:	Hillcrest CEI	Lab ID:	1010145-12
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 04:25 PM
Lab Order:	1010145	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 05:56 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 05:56 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
Acetone	0.00825	0.00500	0.0150	J	mg/L	1	10/20/10 05:56 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 05:56 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:56 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 05:56 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 05:56 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 05:56 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:56 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:56 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW FB-2
Project:	Hillcrest CEI	Lab ID:	1010145-12
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 04:25 PM
Lab Order:	1010145	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 05:56 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 05:56 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 05:56 PM
Surr: 1,2-Dichloroethane-d4	96.6	0	72 - 119		%REC	1	10/20/10 05:56 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 05:56 PM
Surr: Dibromofluoromethane	100	0	85 - 115		%REC	1	10/20/10 05:56 PM
Surr: Toluene-d8	95.1	0	81 - 120		%REC	1	10/20/10 05:56 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW EB-03
Project:	Hillcrest CEI	Lab ID:	1010145-13
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 04:45 PM
Lab Order:	1010145	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.680	0.680	1.94		mg/L	1	10/22/10 09:29 AM
T/R Hydrocarbons: >C12-C28	<0.680	0.680	1.94		mg/L	1	10/22/10 09:29 AM
T/R Hydrocarbons: >C28-C35	<0.680	0.680	1.94		mg/L	1	10/22/10 09:29 AM
T/R Hydrocarbons: C6-C35	<0.680	0.680	1.94		mg/L	1	10/22/10 09:29 AM
Surr: Isopropylbenzene	98.6	0	70 - 130		%REC	1	10/22/10 09:29 AM
Surr: Octacosane	98.5	0	70 - 130		%REC	1	10/22/10 09:29 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 02:36 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Naphthalene	0.000130	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 02:36 PM
Surr: 2-Fluorobiphenyl	67.6	0	40 - 140		%REC	1	10/25/10 02:36 PM
Surr: 4-Terphenyl-d14	76.4	0	40 - 140		%REC	1	10/25/10 02:36 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/20/10 06:20 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/20/10 06:20 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
Acetone	0.00654	0.00500	0.0150	J	mg/L	1	10/20/10 06:20 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW EB-03
Project:	Hillcrest CEI	Lab ID:	1010145-13
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 04:45 PM
Lab Order:	1010145	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/20/10 06:20 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 06:20 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/20/10 06:20 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/20/10 06:20 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/20/10 06:20 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 06:20 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 06:20 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/20/10 06:20 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/20/10 06:20 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/20/10 06:20 PM
Surr: 1,2-Dichloroethane-d4	97.3	0	72 - 119		%REC	1	10/20/10 06:20 PM
Surr: 4-Bromofluorobenzene	103	0	76 - 119		%REC	1	10/20/10 06:20 PM
Surr: Dibromofluoromethane	101	0	85 - 115		%REC	1	10/20/10 06:20 PM
Surr: Toluene-d8	94.2	0	81 - 120		%REC	1	10/20/10 06:20 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-3
Project:	Hillcrest CEI	Lab ID:	1010145-14
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:30 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.39	7.39	21.1		mg/Kg-dry	1	10/20/10 07:16 PM
T/R Hydrocarbons: >C12-C28	<7.39	7.39	21.1		mg/Kg-dry	1	10/20/10 07:16 PM
T/R Hydrocarbons: >C28-C35	<7.39	7.39	21.1		mg/Kg-dry	1	10/20/10 07:16 PM
T/R Hydrocarbons: C6-C35	<7.39	7.39	21.1		mg/Kg-dry	1	10/20/10 07:16 PM
Surr: Isopropylbenzene	93.1	0	70 - 130		%REC	1	10/20/10 07:16 PM
Surr: Octacosane	96.0	0	70 - 130		%REC	1	10/20/10 07:16 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Acenaphthylene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Anthracene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Benzo[a]anthracene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Benzo[a]pyrene	<0.0345	0.0345	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Benzo[b]fluoranthene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Benzo[g,h,i]perylene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Benzo[k]fluoranthene	<0.0345	0.0345	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Chrysene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Dibenz[a,h]anthracene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Fluoranthene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Fluorene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Naphthalene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Phenanthrene	<0.0115	0.0115	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Pyrene	<0.0230	0.0230	0.0575		mg/Kg-dry	1	10/27/10 03:29 PM
Surr: 2-Fluorobiphenyl	63.2	0	40 - 140		%REC	1	10/27/10 03:29 PM
Surr: 4-Terphenyl-d14	78.3	0	40 - 140		%REC	1	10/27/10 03:29 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,1,2,2-Tetrachloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,1,2-Trichloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,1,2-Trichlorotrifluoroethane	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
1,1-Dichloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,1-Dichloroethene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2,4-Trichlorobenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2-Dibromo-3-chloropropane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2-Dibromoethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2-Dichlorobenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2-Dichloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,2-Dichloropropane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,3-Dichlorobenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
1,4-Dichlorobenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
2-Butanone	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
2-Hexanone	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
4-Methyl-2-pentanone	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
Acetone	<0.0154	0.0154	0.0514		mg/Kg-dry	1	10/21/10 06:33 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-3
Project:	Hillcrest CEI	Lab ID:	1010145-14
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 09:30 AM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Bromodichloromethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Bromoform	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Bromomethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Carbon disulfide	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Carbon tetrachloride	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Chlorobenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Chloroethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Chloroform	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Chloromethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
cis-1,2-Dichloroethene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
cis-1,3-Dichloropropene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Cyclohexane	<0.00514	0.00514	0.0154	N	mg/Kg-dry	1	10/21/10 06:33 PM
Dibromochloromethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Dichlorodifluoromethane	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Ethylbenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Isopropylbenzene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
m,p-Xylene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Methyl Acetate	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
Methyl tert-butyl ether	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Methylcyclohexane	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
Methylene chloride	<0.00514	0.00514	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
o-Xylene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Styrene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Tetrachloroethene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Toluene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
trans-1,2-Dichloroethene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
trans-1,3-Dichloropropene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Trichloroethene	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Trichlorofluoromethane	<0.00514	0.00514	0.0154		mg/Kg-dry	1	10/21/10 06:33 PM
Vinyl chloride	<0.00103	0.00103	0.00514		mg/Kg-dry	1	10/21/10 06:33 PM
Surr: 1,2-Dichloroethane-d4	139	0	52 - 149		%REC	1	10/21/10 06:33 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/21/10 06:33 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/21/10 06:33 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/21/10 06:33 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	16.0	0	0		WT%	1	10/27/10 08:55 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW1-02
Project:	Hillcrest CEI	Lab ID:	1010145-15
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 01:53 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.33	7.33	20.9		mg/Kg-dry	1	10/20/10 07:24 PM
T/R Hydrocarbons: >C12-C28	<7.33	7.33	20.9		mg/Kg-dry	1	10/20/10 07:24 PM
T/R Hydrocarbons: >C28-C35	<7.33	7.33	20.9		mg/Kg-dry	1	10/20/10 07:24 PM
T/R Hydrocarbons: C6-C35	<7.33	7.33	20.9		mg/Kg-dry	1	10/20/10 07:24 PM
Surr: Isopropylbenzene	88.6	0	70 - 130		%REC	1	10/20/10 07:24 PM
Surr: Octacosane	95.7	0	70 - 130		%REC	1	10/20/10 07:24 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Acenaphthylene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Anthracene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Benzo[a]anthracene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Benzo[a]pyrene	<0.0341	0.0341	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Benzo[b]fluoranthene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Benzo[g,h,i]perylene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Benzo[k]fluoranthene	<0.0341	0.0341	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Chrysene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Dibenz[a,h]anthracene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Fluoranthene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Fluorene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Indeno[1,2,3-cd]pyrene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Naphthalene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Phenanthrene	<0.0114	0.0114	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Pyrene	<0.0227	0.0227	0.0569		mg/Kg-dry	1	10/27/10 04:00 PM
Surr: 2-Fluorobiphenyl	60.8	0	40 - 140		%REC	1	10/27/10 04:00 PM
Surr: 4-Terphenyl-d14	73.5	0	40 - 140		%REC	1	10/27/10 04:00 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,1,2,2-Tetrachloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,1,2-Trichloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,1,2-Trichlorotrifluoroethane	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
1,1-Dichloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,1-Dichloroethene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2,4-Trichlorobenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2-Dibromo-3-chloropropane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2-Dibromoethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2-Dichlorobenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2-Dichloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,2-Dichloropropane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,3-Dichlorobenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
1,4-Dichlorobenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
2-Butanone	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
2-Hexanone	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
4-Methyl-2-pentanone	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
Acetone	<0.0166	0.0166	0.0553		mg/Kg-dry	1	10/21/10 12:45 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW1-02
Project:	Hillcrest CEI	Lab ID:	1010145-15
Project No:	HCEI-760-SL-11	Collection Date:	10/19/10 01:53 PM
Lab Order:	1010145	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Bromodichloromethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Bromoform	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Bromomethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Carbon disulfide	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Carbon tetrachloride	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Chlorobenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Chloroethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Chloroform	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Chloromethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
cis-1,2-Dichloroethene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
cis-1,3-Dichloropropene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Cyclohexane	<0.00553	0.00553	0.0166	N	mg/Kg-dry	1	10/21/10 12:45 PM
Dibromochloromethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Dichlorodifluoromethane	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Ethylbenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Isopropylbenzene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
m,p-Xylene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Methyl Acetate	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
Methyl tert-butyl ether	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Methylcyclohexane	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
Methylene chloride	<0.00553	0.00553	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
o-Xylene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Styrene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Tetrachloroethene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Toluene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
trans-1,2-Dichloroethene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
trans-1,3-Dichloropropene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Trichloroethene	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Trichlorofluoromethane	<0.00553	0.00553	0.0166		mg/Kg-dry	1	10/21/10 12:45 PM
Vinyl chloride	<0.00111	0.00111	0.00553		mg/Kg-dry	1	10/21/10 12:45 PM
Surr: 1,2-Dichloroethane-d4	107	0	52 - 149		%REC	1	10/21/10 12:45 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/21/10 12:45 PM
Surr: Dibromofluoromethane	97.6	0	65 - 135		%REC	1	10/21/10 12:45 PM
Surr: Toluene-d8	105	0	84 - 116		%REC	1	10/21/10 12:45 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.0	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020C

Sample ID:	LCS-43510	Batch ID:	43510		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCS	Run ID:	GC12_101020C		Analysis Date:		10/20/10 05:19 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		252	20.0	250.0	0	101	75	125			
Surr: Isopropylbenzene		25.0		25.00		100	70	130			
Surr: Octacosane		24.3		25.00		97.3	70	130			

Sample ID:	LCSD-43510	Batch ID:	43510		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCSD	Run ID:	GC12_101020C		Analysis Date:		10/20/10 05:28 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		245	20.0	250.0	0	98.2	75	125	2.82	50	
Surr: Isopropylbenzene		24.0		25.00		96.0	70	130	0	0	
Surr: Octacosane		24.1		25.00		96.3	70	130	0	0	

Sample ID:	MB-43510	Batch ID:	43510		TestNo:		TX1005		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC12_101020C		Analysis Date:		10/20/10 05:37 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<7.00	20.0								
T/R Hydrocarbons: >C12-C28		<7.00	20.0								
T/R Hydrocarbons: >C28-C35		<7.00	20.0								
T/R Hydrocarbons: C6-C35		<7.00	20.0								
Surr: Isopropylbenzene		24.9		25.00		99.5	70	130			
Surr: Octacosane		25.3		25.00		101	70	130			

Sample ID:	1010145-15BMS	Batch ID:	43510		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC12_101020C		Analysis Date:		10/20/10 07:33 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		268	19.9	248.8	0	108	75	125			
Surr: Isopropylbenzene		23.9		24.88		95.9	70	130			
Surr: Octacosane		24.1		24.88		97.0	70	130			

Sample ID:	1010145-15BMSD	Batch ID:	43510		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC12_101020C		Analysis Date:		10/20/10 07:42 PM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		254	20.6	258.0	0	98.4	75	125	5.56	50	
Surr: Isopropylbenzene		22.9		25.80		88.8	70	130	0	0	
Surr: Octacosane		23.8		25.80		92.2	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101020C

Sample ID:	ICV-101020	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101020C		Analysis Date:		10/20/10 08:46 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		970	20.0	1000	0	97.0	75	125			
Surr: Isopropylbenzene		50.1		50.00		100	70	130			
Surr: Octacosane		51.4		50.00		103	70	130			

Sample ID:	CCV6-101020	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020C		Analysis Date:		10/20/10 05:10 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		508	20.0	500.0	0	102	75	125			
Surr: Isopropylbenzene		25.9		25.00		103	70	130			
Surr: Octacosane		25.0		25.00		99.9	70	130			

Sample ID:	CCV7-101020	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020C		Analysis Date:		10/20/10 06:49 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		566	20.0	500.0	0	113	75	125			
Surr: Isopropylbenzene		28.4		25.00		114	70	130			
Surr: Octacosane		24.9		25.00		99.6	70	130			

Sample ID:	CCV8-101020	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020C		Analysis Date:		10/20/10 07:51 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		458	20.0	500.0	0	91.5	75	125			
Surr: Isopropylbenzene		23.3		25.00		93.1	70	130			
Surr: Octacosane		23.8		25.00		95.1	70	130			

Sample ID:	ICV-101021	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101020C		Analysis Date:		10/21/10 09:09 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		1040	20.0	1000	0	104	75	125			
Surr: Isopropylbenzene		53.6		50.00		107	70	130			
Surr: Octacosane		50.8		50.00		102	70	130			

Sample ID:	CCV1-101021	Batch ID:	R51888		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101020C		Analysis Date:		10/21/10 09:38 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		506	20.0	500.0	0	101	75	125			
Surr: Isopropylbenzene		25.4		25.00		102	70	130			
Surr: Octacosane		25.3		25.00		101	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	LCS-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:02 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.6	2.00	25.00	0	94.2	75	125			
Surr: Isopropylbenzene		2.47		2.500		98.9	70	130			
Surr: Octacosane		2.49		2.500		99.5	70	130			

Sample ID:	LCSD-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:11 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.3	2.00	25.00	0	93.0	75	125	1.29	20	
Surr: Isopropylbenzene		2.43		2.500		97.4	70	130	0	0	
Surr: Octacosane		2.48		2.500		99.1	70	130	0	0	

Sample ID:	MB-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:20 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.48		2.500		99.3	70	130			
Surr: Octacosane		2.53		2.500		101	70	130			

Sample ID:	1010155-03BMS	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:14 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.4	1.95	24.33	0	87.8	75	125			
Surr: Isopropylbenzene		2.36		2.433		97.1	70	130			
Surr: Octacosane		2.38		2.433		97.7	70	130			

Sample ID:	1010155-03BMSD	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:23 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.0	1.96	24.46	0	90.1	75	125	3.02	20	
Surr: Isopropylbenzene		2.46		2.446		101	70	130	0	0	
Surr: Octacosane		2.41		2.446		98.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	ICV-101022	Batch ID:	R51919	TestNo:	TX1005			Units:	mg/L
SampType:	ICV	Run ID:	GC12_101022A	Analysis Date:	10/22/10 08:54 AM			Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	1030	2.00	1000	0	103	75	125			
Surr: Isopropylbenzene	52.6		50.00		105	70	130			
Surr: Octacosane	50.3		50.00		101	70	130			

Sample ID:	CCV1-101022	Batch ID:	R51919	TestNo:	TX1005			Units:	mg/L
SampType:	CCV	Run ID:	GC12_101022A	Analysis Date:	10/22/10 10:32 AM			Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	499	2.00	500.0	0	99.9	75	125			
Surr: Isopropylbenzene	26.2		25.00		105	70	130			
Surr: Octacosane	24.6		25.00		98.3	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	1010173-25CMS	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:32 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00302	0.0000500	0.00400	0	75.5	50	110			
Acenaphthylene	0.00332	0.0000500	0.00400	0	82.9	55	110			
Anthracene	0.00325	0.0000500	0.00400	0	81.2	44	110			
Benzo[a]anthracene	0.00380	0.0000500	0.00400	0	95.1	48	115			
Benzo[a]pyrene	0.00381	0.0000500	0.00400	0	95.1	53	112			
Benzo[b]fluoranthene	0.00396	0.0000500	0.00400	0	99.0	52	117			
Benzo[g,h,i]perylene	0.00417	0.0000500	0.00400	0	104	60	114			
Benzo[k]fluoranthene	0.00378	0.0000500	0.00400	0	94.4	53	124			
Chrysene	0.00366	0.0000500	0.00400	0	91.5	54	122			
Dibenz[a,h]anthracene	0.00409	0.0000100	0.00400	0	102	51	120			
Fluoranthene	0.00361	0.0000500	0.00400	0	90.3	40	126			
Fluorene	0.00339	0.0000500	0.00400	0	84.7	54	110			
Indeno[1,2,3-cd]pyrene	0.00408	0.0000500	0.00400	0	102	57	116			
Naphthalene	0.00280	0.0000500	0.00400	0	70.1	44	110			
Phenanthrene	0.00320	0.0000500	0.00400	0	79.9	51	114			
Pyrene	0.00381	0.0000500	0.00400	0	95.2	53	120			
Surr: 2-Fluorobiphenyl	4.72		8.000		59.0	40	140			
Surr: 4-Terphenyl-d14	5.36		8.000		67.0	40	140			

Sample ID:	1010173-25CMSD	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MSD	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 12:02 PM	Prep Date:	10/25/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00312	0.0000500	0.00400	0	78.1	50	110	3.40	30	
Acenaphthylene	0.00349	0.0000500	0.00400	0	87.2	55	110	4.96	30	
Anthracene	0.00318	0.0000500	0.00400	0	79.5	44	110	2.07	30	
Benzo[a]anthracene	0.00383	0.0000500	0.00400	0	95.8	48	115	0.757	30	
Benzo[a]pyrene	0.00384	0.0000500	0.00400	0	96.0	53	112	0.933	30	
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	52	117	0.605	30	
Benzo[g,h,i]perylene	0.00410	0.0000500	0.00400	0	103	60	114	1.54	30	
Benzo[k]fluoranthene	0.00380	0.0000500	0.00400	0	95.0	53	124	0.631	30	
Chrysene	0.00375	0.0000500	0.00400	0	93.8	54	122	2.49	30	
Dibenz[a,h]anthracene	0.00398	0.0000100	0.00400	0	99.4	51	120	2.81	30	
Fluoranthene	0.00355	0.0000500	0.00400	0	88.7	40	126	1.78	30	
Fluorene	0.00342	0.0000500	0.00400	0	85.5	54	110	1.01	30	
Indeno[1,2,3-cd]pyrene	0.00398	0.0000500	0.00400	0	99.5	57	116	2.56	30	
Naphthalene	0.00318	0.0000500	0.00400	0	79.5	44	110	12.6	30	
Phenanthrene	0.00315	0.0000500	0.00400	0	78.7	51	114	1.54	30	
Pyrene	0.00383	0.0000500	0.00400	0	95.7	53	120	0.443	30	
Surr: 2-Fluorobiphenyl	4.49		8.000		56.1	40	140	0	0	
Surr: 4-Terphenyl-d14	5.07		8.000		63.4	40	140	0	0	

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958		TestNo:		SW8270C		Units:		mg/L
SampType:	ICV	Run ID:	GCMS6_101025A		Analysis Date:		10/25/10 10:30 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene		2.06	0.0000500	2.00	0	103	80	120			
Anthracene		1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene		2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene		1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene		2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene		2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene		1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene		1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene		2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene		2.12	0.0000500	2.00	0	106	80	120			
Fluorene		1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene		2.09	0.0000500	2.00	0	104	80	120			
Naphthalene		1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene		1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene		2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl		1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14		1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Sample ID:	LCS-43585	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 04:41 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.777	0.0500	1.000	0	77.7	56	114			
Acenaphthylene	0.853	0.0500	1.000	0	85.3	56	116			
Anthracene	0.821	0.0500	1.000	0	82.1	40	113			
Benzo[a]anthracene	0.945	0.0500	1.000	0	94.5	52	108			
Benzo[a]pyrene	0.913	0.0500	1.000	0	91.3	48	115			
Benzo[b]fluoranthene	0.996	0.0500	1.000	0	99.6	43	115			
Benzo[g,h,i]perylene	1.02	0.0500	1.000	0	102	47	123			
Benzo[k]fluoranthene	0.885	0.0500	1.000	0	88.5	54	118			
Chrysene	0.948	0.0500	1.000	0	94.8	56	115			
Dibenz[a,h]anthracene	0.993	0.0500	1.000	0	99.3	43	120			
Fluoranthene	0.902	0.0500	1.000	0	90.2	41	108			
Fluorene	0.831	0.0500	1.000	0	83.1	47	128			
Indeno[1,2,3-cd]pyrene	0.994	0.0500	1.000	0	99.4	46	119			
Naphthalene	0.807	0.0500	1.000	0	80.7	55	113			
Phenanthrene	0.797	0.0500	1.000	0	79.7	55	114			
Pyrene	0.956	0.0500	1.000	0	95.6	42	125			
Surr: 2-Fluorobiphenyl	2.81		4.000		70.2	40	140			
Surr: 4-Terphenyl-d14	3.59		4.000		89.8	40	140			

Sample ID:	1010145-15CMS	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 05:18 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.895	0.0578	1.156	0	77.4	56	114			
Acenaphthylene	0.970	0.0578	1.156	0	83.9	56	116			
Anthracene	0.925	0.0578	1.156	0	80.0	40	113			
Benzo[a]anthracene	1.07	0.0578	1.156	0	92.2	52	108			
Benzo[a]pyrene	1.01	0.0578	1.156	0	87.3	48	115			
Benzo[b]fluoranthene	1.08	0.0578	1.156	0	93.1	43	115			
Benzo[g,h,i]perylene	1.08	0.0578	1.156	0	93.8	47	123			
Benzo[k]fluoranthene	0.934	0.0578	1.156	0	80.8	54	118			
Chrysene	1.03	0.0578	1.156	0	89.2	56	115			
Dibenz[a,h]anthracene	1.09	0.0578	1.156	0	94.0	43	120			
Fluoranthene	1.01	0.0578	1.156	0	87.2	41	108			
Fluorene	0.948	0.0578	1.156	0	82.0	47	128			
Indeno[1,2,3-cd]pyrene	1.08	0.0578	1.156	0	93.4	46	119			
Naphthalene	0.913	0.0578	1.156	0	78.9	55	113			
Phenanthrene	0.896	0.0578	1.156	0	77.5	55	114			
Pyrene	1.09	0.0578	1.156	0	94.4	42	125			
Surr: 2-Fluorobiphenyl	3.02		4.626		65.3	40	140			
Surr: 4-Terphenyl-d14	3.66		4.626		79.1	40	140			

Sample ID:	1010145-15CMSD	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 05:49 PM	Prep Date:	10/26/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.884	0.0582	1.164	0	75.9	56	114	1.24	30	
Acenaphthylene	0.973	0.0582	1.164	0	83.6	56	116	0.290	30	
Anthracene	0.930	0.0582	1.164	0	79.8	40	113	0.491	30	
Benzo[a]anthracene	1.09	0.0582	1.164	0	93.9	52	108	2.47	30	
Benzo[a]pyrene	1.02	0.0582	1.164	0	87.4	48	115	0.755	30	
Benzo[b]fluoranthene	1.08	0.0582	1.164	0	92.5	43	115	0.070	30	
Benzo[g,h,i]perylene	1.10	0.0582	1.164	0	94.5	47	123	1.49	30	
Benzo[k]fluoranthene	1.02	0.0582	1.164	0	87.6	54	118	8.79	30	
Chrysene	1.05	0.0582	1.164	0	90.5	56	115	2.18	30	
Dibenz[a,h]anthracene	1.09	0.0582	1.164	0	93.6	43	120	0.213	30	
Fluoranthene	1.03	0.0582	1.164	0	88.1	41	108	1.67	30	
Fluorene	0.949	0.0582	1.164	0	81.5	47	128	0.122	30	
Indeno[1,2,3-cd]pyrene	1.11	0.0582	1.164	0	95.1	46	119	2.48	30	
Naphthalene	0.903	0.0582	1.164	0	77.6	55	113	1.08	30	
Phenanthrene	0.911	0.0582	1.164	0	78.2	55	114	1.57	30	
Pyrene	1.11	0.0582	1.164	0	95.0	42	125	1.23	30	
Surr: 2-Fluorobiphenyl	3.03		4.657		65.0	40	140	0	0	
Surr: 4-Terphenyl-d14	3.66		4.657		78.5	40	140	0	0	

Sample ID:	MB-43585	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101026A	Analysis Date:	10/27/10 10:11 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.70		4.000		67.6	40	140			
Surr: 4-Terphenyl-d14	3.48		4.000		87.0	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Sample ID:	ICV-101026	Batch ID:	R51995	TestNo:	SW8270C	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 04:06 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.92	0.0500	2.000	0	96.0	80	120			
Acenaphthylene	2.10	0.0500	2.000	0	105	80	120			
Anthracene	1.92	0.0500	2.000	0	95.9	80	120			
Benzo[a]anthracene	2.02	0.0500	2.000	0	101	80	120			
Benzo[a]pyrene	2.01	0.0500	2.000	0	100	80	120			
Benzo[b]fluoranthene	2.08	0.0500	2.000	0	104	80	120			
Benzo[g,h,i]perylene	2.15	0.0500	2.000	0	107	80	120			
Benzo[k]fluoranthene	1.93	0.0500	2.000	0	96.3	80	120			
Chrysene	1.95	0.0500	2.000	0	97.5	80	120			
Dibenz[a,h]anthracene	2.13	0.0500	2.000	0	106	80	120			
Fluoranthene	2.07	0.0500	2.000	0	104	80	120			
Fluorene	1.99	0.0500	2.000	0	99.3	80	120			
Indeno[1,2,3-cd]pyrene	2.10	0.0500	2.000	0	105	80	120			
Naphthalene	1.91	0.0500	2.000	0	95.6	80	120			
Phenanthrene	1.84	0.0500	2.000	0	91.9	80	120			
Pyrene	2.08	0.0500	2.000	0	104	80	120			
Surr: 2-Fluorobiphenyl	1.78		2.000		89.1	40	140			
Surr: 4-Terphenyl-d14	1.92		2.000		95.9	40	140			

Sample ID:	ICV-101027	Batch ID:	R51995	TestNo:	SW8270C	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS6_101026A	Analysis Date:	10/27/10 09:27 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.90	0.0500	2.000	0	95.2	80	120			
Acenaphthylene	2.06	0.0500	2.000	0	103	80	120			
Anthracene	1.84	0.0500	2.000	0	92.2	80	120			
Benzo[a]anthracene	2.02	0.0500	2.000	0	101	80	120			
Benzo[a]pyrene	1.99	0.0500	2.000	0	99.7	80	120			
Benzo[b]fluoranthene	2.04	0.0500	2.000	0	102	80	120			
Benzo[g,h,i]perylene	2.10	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene	1.93	0.0500	2.000	0	96.4	80	120			
Chrysene	1.96	0.0500	2.000	0	97.8	80	120			
Dibenz[a,h]anthracene	2.11	0.0500	2.000	0	105	80	120			
Fluoranthene	2.00	0.0500	2.000	0	99.9	80	120			
Fluorene	1.97	0.0500	2.000	0	98.5	80	120			
Indeno[1,2,3-cd]pyrene	2.12	0.0500	2.000	0	106	80	120			
Naphthalene	1.92	0.0500	2.000	0	95.9	80	120			
Phenanthrene	1.76	0.0500	2.000	0	88.2	80	120			
Pyrene	2.08	0.0500	2.000	0	104	80	120			
Surr: 2-Fluorobiphenyl	1.78		2.000		89.0	40	140			
Surr: 4-Terphenyl-d14	1.83		2.000		91.5	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

Sample ID:	LCS-43522	Batch ID:	43522		TestNo:		SW8260B		Units:		mg/Kg
SampType:	LCS	Run ID:	GCMS2_101021A		Analysis Date:		10/21/10 10:57 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0233	0.00500	0.0232	0	101	68	130			
1,1,2,2-Tetrachloroethane		0.0242	0.00500	0.0232	0	104	59	140			
1,1,2-Trichloroethane		0.0229	0.00500	0.0232	0	98.6	62	127			
1,1,2-Trichlorotrifluoroethane		0.0236	0.0150	0.0232	0	102	57	135			
1,1-Dichloroethane		0.0239	0.00500	0.0232	0	103	73	125			
1,1-Dichloroethene		0.0230	0.00500	0.0232	0	99.0	65	136			
1,2,4-Trichlorobenzene		0.0244	0.00500	0.0232	0	105	65	131			
1,2-Dibromo-3-chloropropane		0.0239	0.00500	0.0232	0	103	49	135			
1,2-Dibromoethane		0.0235	0.00500	0.0232	0	101	70	124			
1,2-Dichlorobenzene		0.0234	0.00500	0.0232	0	101	74	120			
1,2-Dichloroethane		0.0246	0.00500	0.0232	0	106	72	137			
1,2-Dichloropropane		0.0231	0.00500	0.0232	0	99.5	71	120			
1,3-Dichlorobenzene		0.0236	0.00500	0.0232	0	102	72	124			
1,4-Dichlorobenzene		0.0237	0.00500	0.0232	0	102	72	125			
2-Butanone		0.0629	0.0150	0.0580	0	108	60	135			
2-Hexanone		0.0634	0.0150	0.0580	0	109	50	150			
4-Methyl-2-pentanone		0.0612	0.0150	0.0580	0	106	60	135			
Acetone		0.0846	0.0500	0.0580	0	146	40	141			S
Benzene		0.0227	0.00500	0.0232	0	98.0	73	126			
Bromodichloromethane		0.0233	0.00500	0.0232	0	100	72	128			
Bromoform		0.0227	0.00500	0.0232	0	97.9	66	137			
Bromomethane		0.0258	0.00500	0.0232	0	111	45	141			
Carbon disulfide		0.0225	0.00500	0.0232	0	97.1	50	150			
Carbon tetrachloride		0.0232	0.00500	0.0232	0	99.8	67	133			
Chlorobenzene		0.0235	0.00500	0.0232	0	101	75	123			
Chloroethane		0.0276	0.00500	0.0232	0	119	41	141			
Chloroform		0.0237	0.00500	0.0232	0	102	72	124			
Chloromethane		0.0250	0.00500	0.0232	0	108	51	129			
cis-1,2-Dichloroethene		0.0226	0.00500	0.0232	0	97.5	67	125			
cis-1,3-Dichloropropene		0.0229	0.00500	0.0232	0	98.7	72	126			
Cyclohexane		0.0236	0.0150	0.0232	0	102	40	158			N
Dibromochloromethane		0.0229	0.00500	0.0232	0	98.5	66	130			
Dichlorodifluoromethane		0.0272	0.00500	0.0232	0	117	34	136			
Ethylbenzene		0.0241	0.00500	0.0232	0	104	74	127			
Isopropylbenzene		0.0244	0.00500	0.0232	0	105	77	129			
m,p-Xylene		0.0478	0.00500	0.0464	0	103	79	126			
Methyl Acetate		0.0235	0.0150	0.0232	0	101	50	150			
Methyl tert-butyl ether		0.0246	0.00500	0.0232	0	106	50	135			
Methylcyclohexane		0.0243	0.0150	0.0232	0	105	50	150			
Methylene chloride		0.0239	0.00500	0.0232	0	103	63	137			
o-Xylene		0.0240	0.00500	0.0232	0	103	77	125			
Styrene		0.0241	0.00500	0.0232	0	104	74	128			
Tetrachloroethene		0.0235	0.00500	0.0232	0	101	67	139			
Toluene		0.0231	0.00500	0.0232	0	99.5	71	127			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

trans-1,2-Dichloroethene	0.0233	0.00500	0.0232	0	101	66	134
trans-1,3-Dichloropropene	0.0237	0.00500	0.0232	0	102	65	127
Trichloroethene	0.0221	0.00500	0.0232	0	95.4	77	124
Trichlorofluoromethane	0.0266	0.0150	0.0232	0	115	49	139
Vinyl chloride	0.0248	0.00500	0.0232	0	107	58	126
Surr: 1,2-Dichloroethane-d4	54.1		50.00		108	52	149
Surr: 4-Bromofluorobenzene	51.1		50.00		102	84	118
Surr: Dibromofluoromethane	49.7		50.00		99.4	65	135
Surr: Toluene-d8	51.7		50.00		103	84	116

Sample ID:	MB-43522	Batch ID:	43522	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS2_101021A	Analysis Date:	10/21/10 12:05 PM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
o-Xylene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								
trans-1,2-Dichloroethene	<0.00100	0.00500								
trans-1,3-Dichloropropene	<0.00100	0.00500								
Trichloroethene	<0.00100	0.00500								
Trichlorofluoromethane	<0.00500	0.0150								
Vinyl chloride	<0.00100	0.00500								
Surr: 1,2-Dichloroethane-d4	49.7		50.00		99.3	52	149			
Surr: 4-Bromofluorobenzene	52.1		50.00		104	84	118			
Surr: Dibromofluoromethane	47.8		50.00		95.5	65	135			
Surr: Toluene-d8	53.6		50.00		107	84	116			

Sample ID:	1010145-15AMS	Batch ID:	43522	TestNo:		SW8260B		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GCMS2_101021A	Analysis Date:		10/21/10 07:08 PM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0284	0.00560	0.0260	0	109	68	130			
1,1,2,2-Tetrachloroethane		0.0210	0.00560	0.0260	0	80.9	59	140			
1,1,2-Trichloroethane		0.0225	0.00560	0.0260	0	86.4	62	127			
1,1,2-Trichlorotrifluoroethane		0.0254	0.0168	0.0260	0	97.8	57	135			
1,1-Dichloroethane		0.0267	0.00560	0.0260	0	103	73	125			
1,1-Dichloroethene		0.0237	0.00560	0.0260	0	91.0	65	136			
1,2,4-Trichlorobenzene		0.0240	0.00560	0.0260	0	92.5	65	131			
1,2-Dibromo-3-chloropropane		0.0208	0.00560	0.0260	0	80.2	49	135			
1,2-Dibromoethane		0.0226	0.00560	0.0260	0	87.0	70	124			
1,2-Dichlorobenzene		0.0244	0.00560	0.0260	0	93.8	74	120			
1,2-Dichloroethane		0.0276	0.00560	0.0260	0	106	72	137			
1,2-Dichloropropane		0.0249	0.00560	0.0260	0	95.7	71	120			
1,3-Dichlorobenzene		0.0251	0.00560	0.0260	0	96.4	72	124			
1,4-Dichlorobenzene		0.0253	0.00560	0.0260	0	97.3	72	125			
2-Butanone		0.0545	0.0168	0.0650	0	83.9	60	135			
2-Hexanone		0.0551	0.0168	0.0650	0	84.8	50	150			
4-Methyl-2-pentanone		0.0556	0.0168	0.0650	0	85.5	60	135			
Acetone		0.0713	0.0560	0.0650	0	110	40	141			
Benzene		0.0247	0.00560	0.0260	0	95.1	73	126			
Bromodichloromethane		0.0254	0.00560	0.0260	0	97.6	72	128			
Bromoform		0.0209	0.00560	0.0260	0	80.5	66	137			
Bromomethane		0.0335	0.00560	0.0260	0	129	45	141			
Carbon disulfide		0.0233	0.00560	0.0260	0	89.7	50	150			
Carbon tetrachloride		0.0269	0.00560	0.0260	0	103	67	133			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

Chlorobenzene	0.0259	0.00560	0.0260	0	99.5	75	123	
Chloroethane	0.0356	0.00560	0.0260	0	137	41	141	
Chloroform	0.0261	0.00560	0.0260	0	101	72	124	
Chloromethane	0.0147	0.00560	0.0260	0	56.7	51	129	
cis-1,2-Dichloroethene	0.0243	0.00560	0.0260	0	93.5	67	125	
cis-1,3-Dichloropropene	0.0238	0.00560	0.0260	0	91.4	72	126	
Cyclohexane	0.0267	0.0168	0.0260	0	103	40	158	N
Dibromochloromethane	0.0226	0.00560	0.0260	0	86.9	66	130	
Dichlorodifluoromethane	0.0145	0.00560	0.0260	0	55.6	34	136	
Ethylbenzene	0.0263	0.00560	0.0260	0	101	74	127	
Isopropylbenzene	0.0272	0.00560	0.0260	0	105	77	129	
m,p-Xylene	0.0533	0.00560	0.0520	0	102	79	126	
Methyl Acetate	0.0218	0.0168	0.0260	0	84.0	50	150	
Methyl tert-butyl ether	0.0237	0.00560	0.0260	0	91.3	50	135	
Methylcyclohexane	0.0283	0.0168	0.0260	0	109	50	150	
Methylene chloride	0.0242	0.00560	0.0260	0	93.3	63	137	
o-Xylene	0.0263	0.00560	0.0260	0	101	77	125	
Styrene	0.0254	0.00560	0.0260	0	97.9	74	128	
Tetrachloroethene	0.0263	0.00560	0.0260	0	101	67	139	
Toluene	0.0265	0.00560	0.0260	0	102	71	127	
trans-1,2-Dichloroethene	0.0246	0.00560	0.0260	0	94.6	66	134	
trans-1,3-Dichloropropene	0.0245	0.00560	0.0260	0	94.3	65	127	
Trichloroethene	0.0269	0.00560	0.0260	0	103	77	124	
Trichlorofluoromethane	0.0373	0.0168	0.0260	0	144	49	139	S
Vinyl chloride	0.0154	0.00560	0.0260	0	59.2	58	126	
Surr: 1,2-Dichloroethane-d4	62.2		56.02		111	52	149	
Surr: 4-Bromofluorobenzene	57.3		56.02		102	84	118	
Surr: Dibromofluoromethane	54.6		56.02		97.5	65	135	
Surr: Toluene-d8	59.2		56.02		106	84	116	

Sample ID:	1010145-15AMSD	Batch ID:	43522	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS2_101021A	Analysis Date:	10/21/10 07:42 PM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0312	0.00626	0.0290	0	108	68	130	9.63	30	
1,1,2,2-Tetrachloroethane	0.0230	0.00626	0.0290	0	79.1	59	140	8.85	30	
1,1,2-Trichloroethane	0.0256	0.00626	0.0290	0	88.3	62	127	13.2	30	
1,1,2-Trichlorotrifluoroethane	0.0287	0.0188	0.0290	0	99.0	57	135	12.3	30	
1,1-Dichloroethane	0.0299	0.00626	0.0290	0	103	73	125	11.3	30	
1,1-Dichloroethene	0.0269	0.00626	0.0290	0	92.7	65	136	12.9	30	
1,2,4-Trichlorobenzene	0.0281	0.00626	0.0290	0	96.8	65	131	15.6	30	
1,2-Dibromo-3-chloropropane	0.0251	0.00626	0.0290	0	86.4	49	135	18.5	30	
1,2-Dibromoethane	0.0252	0.00626	0.0290	0	86.9	70	124	10.9	30	
1,2-Dichlorobenzene	0.0279	0.00626	0.0290	0	96.2	74	120	13.5	30	
1,2-Dichloroethane	0.0310	0.00626	0.0290	0	107	72	137	11.9	30	
1,2-Dichloropropane	0.0278	0.00626	0.0290	0	95.8	71	120	11.1	30	
1,3-Dichlorobenzene	0.0283	0.00626	0.0290	0	97.5	72	124	12.2	30	
1,4-Dichlorobenzene	0.0290	0.00626	0.0290	0	99.7	72	125	13.5	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

2-Butanone	0.0639	0.0188	0.0726	0	88.0	60	135	15.8	30	
2-Hexanone	0.0632	0.0188	0.0726	0	87.1	50	150	13.8	30	
4-Methyl-2-pentanone	0.0636	0.0188	0.0726	0	87.6	60	135	13.5	30	
Acetone	0.0805	0.0626	0.0726	0	111	40	141	12.0	30	
Benzene	0.0276	0.00626	0.0290	0	95.0	73	126	10.9	30	
Bromodichloromethane	0.0284	0.00626	0.0290	0	97.8	72	128	11.3	30	
Bromoform	0.0242	0.00626	0.0290	0	83.5	66	137	14.7	30	
Bromomethane	0.0375	0.00626	0.0290	0	129	45	141	11.2	30	
Carbon disulfide	0.0264	0.00626	0.0290	0	90.9	50	150	12.4	30	
Carbon tetrachloride	0.0303	0.00626	0.0290	0	104	67	133	11.8	30	
Chlorobenzene	0.0289	0.00626	0.0290	0	99.6	75	123	11.2	30	
Chloroethane	0.0391	0.00626	0.0290	0	135	41	141	9.38	30	
Chloroform	0.0293	0.00626	0.0290	0	101	72	124	11.4	30	
Chloromethane	0.0182	0.00626	0.0290	0	62.7	51	129	21.0	30	
cis-1,2-Dichloroethene	0.0272	0.00626	0.0290	0	93.6	67	125	11.1	30	
cis-1,3-Dichloropropene	0.0272	0.00626	0.0290	0	93.8	72	126	13.7	30	
Cyclohexane	0.0297	0.0188	0.0290	0	102	40	158	10.5	30	N
Dibromochloromethane	0.0254	0.00626	0.0290	0	87.4	66	130	11.6	30	
Dichlorodifluoromethane	0.0189	0.00626	0.0290	0	65.0	34	136	26.5	30	
Ethylbenzene	0.0297	0.00626	0.0290	0	102	74	127	12.0	30	
Isopropylbenzene	0.0303	0.00626	0.0290	0	104	77	129	10.5	30	
m,p-Xylene	0.0596	0.00626	0.0581	0	103	79	126	11.2	30	
Methyl Acetate	0.0242	0.0188	0.0290	0	83.3	50	150	10.3	30	
Methyl tert-butyl ether	0.0268	0.00626	0.0290	0	92.4	50	135	12.3	30	
Methylcyclohexane	0.0315	0.0188	0.0290	0	108	50	150	10.6	30	
Methylene chloride	0.0277	0.00626	0.0290	0	95.3	63	137	13.2	30	
o-Xylene	0.0292	0.00626	0.0290	0	101	77	125	10.6	30	
Styrene	0.0287	0.00626	0.0290	0	98.8	74	128	12.0	30	
Tetrachloroethene	0.0295	0.00626	0.0290	0	102	67	139	11.7	30	
Toluene	0.0299	0.00626	0.0290	0	103	71	127	12.2	30	
trans-1,2-Dichloroethene	0.0277	0.00626	0.0290	0	95.4	66	134	11.9	30	
trans-1,3-Dichloropropene	0.0278	0.00626	0.0290	0	95.6	65	127	12.5	30	
Trichloroethene	0.0314	0.00626	0.0290	0	108	77	124	15.5	30	
Trichlorofluoromethane	0.0412	0.0188	0.0290	0	142	49	139	9.79	30	S
Vinyl chloride	0.0193	0.00626	0.0290	0	66.5	58	126	22.5	30	
Surr: 1,2-Dichloroethane-d4	69.0		62.57		110	52	149	0	0	
Surr: 4-Bromofluorobenzene	64.3		62.57		103	84	118	0	0	
Surr: Dibromofluoromethane	61.6		62.57		98.5	65	135	0	0	
Surr: Toluene-d8	64.8		62.57		104	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

Sample ID:	ICV-101021	Batch ID:	R51909		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS2_101021A		Analysis Date:		10/21/10 10:22 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0471	0.00500	0.0464	0	102	70	130			
1,1,2,2-Tetrachloroethane		0.0475	0.00500	0.0464	0	102	70	130			
1,1,2-Trichloroethane		0.0469	0.00500	0.0464	0	101	70	130			
1,1,2-Trichlorotrifluoroethane		0.0463	0.0150	0.0464	0	99.7	70	130			
1,1-Dichloroethane		0.0476	0.00500	0.0464	0	103	70	130			
1,1-Dichloroethene		0.0454	0.00500	0.0464	0	97.8	80	120			
1,2,4-Trichlorobenzene		0.0446	0.00500	0.0464	0	96.1	70	130			
1,2-Dibromo-3-chloropropane		0.0476	0.00500	0.0464	0	103	70	130			
1,2-Dibromoethane		0.0469	0.00500	0.0464	0	101	70	130			
1,2-Dichlorobenzene		0.0451	0.00500	0.0464	0	97.2	70	130			
1,2-Dichloroethane		0.0486	0.00500	0.0464	0	105	70	130			
1,2-Dichloropropane		0.0468	0.00500	0.0464	0	101	80	120			
1,3-Dichlorobenzene		0.0451	0.00500	0.0464	0	97.2	70	130			
1,4-Dichlorobenzene		0.0452	0.00500	0.0464	0	97.4	70	130			
2-Butanone		0.127	0.0150	0.116	0	110	70	130			
2-Hexanone		0.128	0.0150	0.116	0	110	70	130			
4-Methyl-2-pentanone		0.124	0.0150	0.116	0	107	70	130			
Acetone		0.148	0.0500	0.116	0	127	70	130			
Benzene		0.0447	0.00500	0.0464	0	96.4	70	130			
Bromodichloromethane		0.0472	0.00500	0.0464	0	102	70	130			
Bromoform		0.0474	0.00500	0.0464	0	102	70	130			
Bromomethane		0.0494	0.00500	0.0464	0	106	70	130			
Carbon disulfide		0.0447	0.00500	0.0464	0	96.3	70	130			
Carbon tetrachloride		0.0459	0.00500	0.0464	0	99.0	70	130			
Chlorobenzene		0.0462	0.00500	0.0464	0	99.7	70	130			
Chloroethane		0.0539	0.00500	0.0464	0	116	70	130			
Chloroform		0.0472	0.00500	0.0464	0	102	80	120			
Chloromethane		0.0482	0.00500	0.0464	0	104	70	130			
cis-1,2-Dichloroethene		0.0456	0.00500	0.0464	0	98.3	70	130			
cis-1,3-Dichloropropene		0.0471	0.00500	0.0464	0	101	70	130			
Cyclohexane		0.0472	0.0150	0.0464	0	102	70	130			N
Dibromochloromethane		0.0460	0.00500	0.0464	0	99.1	70	130			
Dichlorodifluoromethane		0.0500	0.00500	0.0464	0	108	70	130			
Ethylbenzene		0.0463	0.00500	0.0464	0	99.7	80	120			
Isopropylbenzene		0.0480	0.00500	0.0464	0	104	70	130			
m,p-Xylene		0.0953	0.00500	0.0928	0	103	70	130			
Methyl Acetate		0.0476	0.0150	0.0464	0	102	70	130			
Methyl tert-butyl ether		0.0492	0.00500	0.0464	0	106	70	130			
Methylcyclohexane		0.0483	0.0150	0.0464	0	104	70	130			
Methylene chloride		0.0459	0.00500	0.0464	0	98.9	70	130			
o-Xylene		0.0478	0.00500	0.0464	0	103	70	130			
Styrene		0.0476	0.00500	0.0464	0	103	70	130			
Tetrachloroethene		0.0461	0.00500	0.0464	0	99.4	70	130			
Toluene		0.0458	0.00500	0.0464	0	98.8	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101021A

trans-1,2-Dichloroethene	0.0464	0.00500	0.0464	0	99.9	70	130
trans-1,3-Dichloropropene	0.0483	0.00500	0.0464	0	104	70	130
Trichloroethene	0.0451	0.00500	0.0464	0	97.2	70	130
Trichlorofluoromethane	0.0526	0.0150	0.0464	0	113	70	130
Vinyl chloride	0.0483	0.00500	0.0464	0	104	80	120
Surr: 1,2-Dichloroethane-d4	51.7		50.00		103	52	149
Surr: 4-Bromofluorobenzene	49.5		50.00		99.0	84	118
Surr: Dibromofluoromethane	50.3		50.00		101	65	135
Surr: Toluene-d8	50.8		50.00		102	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	LCS-43453	Batch ID:	43453		TestNo:		SW8260B		Units:		mg/L
SampType:	LCS	Run ID:	GCMS5_101020C		Analysis Date:		10/20/10 10:13 AM		Prep Date:		10/20/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0232	0.00100	0.0232	0	99.8	67	132			
1,1,2,2-Tetrachloroethane		0.0236	0.00100	0.0232	0	102	63	128			
1,1,2-Trichloroethane		0.0258	0.00100	0.0232	0	111	75	125			
1,1,2-Trichlorotrifluoroethane		0.0226	0.0150	0.0232	0	97.5	67	125			
1,1-Dichloroethane		0.0243	0.00100	0.0232	0	105	69	133			
1,1-Dichloroethene		0.0223	0.00100	0.0232	0	95.9	68	130			
1,2,4-Trichlorobenzene		0.0224	0.00500	0.0232	0	96.6	66	134			
1,2-Dibromo-3-chloropropane		0.0206	0.0100	0.0232	0	88.6	50	132			
1,2-Dibromoethane		0.0248	0.00100	0.0232	0	107	80	121			
1,2-Dichlorobenzene		0.0247	0.00100	0.0232	0	107	75	122			
1,2-Dichloroethane		0.0228	0.00100	0.0232	0	98.2	69	132			
1,2-Dichloropropane		0.0262	0.00100	0.0232	0	113	75	125			
1,3-Dichlorobenzene		0.0239	0.00100	0.0232	0	103	75	124			
1,4-Dichlorobenzene		0.0227	0.00100	0.0232	0	97.8	74	123			
2-Butanone		0.0260	0.0150	0.0232	0	112	49	136			
2-Hexanone		0.0248	0.0150	0.0232	0	107	50	150			
4-Methyl-2-pentanone		0.0245	0.0150	0.0232	0	106	60	134			
Acetone		0.0257	0.0150	0.0232	0	111	40	135			
Benzene		0.0257	0.00100	0.0232	0	111	81	122			
Bromodichloromethane		0.0240	0.00100	0.0232	0	103	76	121			
Bromoform		0.0238	0.00100	0.0232	0	103	69	128			
Bromomethane		0.0205	0.00100	0.0232	0	88.5	53	141			
Carbon disulfide		0.0214	0.0150	0.0232	0	92.1	50	150			
Carbon tetrachloride		0.0220	0.00100	0.0232	0	95.0	66	138			
Chlorobenzene		0.0232	0.00100	0.0232	0	100	81	122			
Chloroethane		0.0228	0.00100	0.0232	0	98.4	58	133			
Chloroform		0.0236	0.00100	0.0232	0	102	69	128			
Chloromethane		0.0248	0.00100	0.0232	0	107	56	131			
cis-1,2-Dichloroethene		0.0259	0.00100	0.0232	0	111	72	126			
cis-1,3-Dichloropropene		0.0239	0.00100	0.0232	0	103	69	131			
Cyclohexane		0.0251	0.0150	0.0232	0	108	40	161			N
Dibromochloromethane		0.0226	0.00100	0.0232	0	97.5	66	133			
Dichlorodifluoromethane		0.0230	0.00100	0.0232	0	99.1	53	153			
Ethylbenzene		0.0239	0.00100	0.0232	0	103	80	120			
Isopropylbenzene		0.0228	0.00100	0.0232	0	98.4	75	127			
m,p-Xylene		0.0498	0.00200	0.0464	0	107	80	120			
Methyl Acetate		0.0247	0.0150	0.0232	0	107	50	150			
Methyl tert-butyl ether		0.0266	0.00100	0.0232	0	115	68	123			
Methylcyclohexane		0.0236	0.0150	0.0232	0	102	70	130			
Methylene chloride		0.0256	0.00250	0.0232	0	110	63	137			
o-Xylene		0.0232	0.00100	0.0232	0	99.8	80	120			
Styrene		0.0234	0.00100	0.0232	0	101	65	134			
Tetrachloroethene		0.0232	0.00200	0.0232	0	100	66	128			
Toluene		0.0247	0.00200	0.0232	0	107	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0253	0.00100	0.0232	0	109	63	137
trans-1,3-Dichloropropene	0.0253	0.00100	0.0232	0	109	59	135
Trichloroethene	0.0245	0.00200	0.0232	0	106	70	127
Trichlorofluoromethane	0.0224	0.00100	0.0232	0	96.3	57	129
Vinyl chloride	0.0252	0.00100	0.0232	0	108	50	134
Surr: 1,2-Dichloroethane-d4	177		200.0		88.6	72	119
Surr: 4-Bromofluorobenzene	195		200.0		97.3	76	119
Surr: Dibromofluoromethane	195		200.0		97.7	85	115
Surr: Toluene-d8	191		200.0		95.5	81	120

Sample ID:	MB-43453	Batch ID:	43453	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS5_101020C	Analysis Date:	10/20/10 11:03 AM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Isopropylbenzene	<0.000200	0.00100				
m,p-Xylene	<0.000600	0.00200				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.000300	0.00100				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00250	0.00250				
o-Xylene	<0.000300	0.00100				
Styrene	<0.000200	0.00100				
Tetrachloroethene	<0.000600	0.00200				
Toluene	<0.000600	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000600	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	181		200.0	90.5	72	119
Surr: 4-Bromofluorobenzene	206		200.0	103	76	119
Surr: Dibromofluoromethane	196		200.0	98.1	85	115
Surr: Toluene-d8	194		200.0	97.0	81	120

Sample ID:	1010088-01AMS	Batch ID:	43453	TestNo:	SW8260B	Units:	mg/L
SampType:	MS	Run ID:	GCMS5_101020C	Analysis Date:	10/20/10 07:34 PM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	4.40	0.200	4.64	0	94.7	67	132			
1,1,2,2-Tetrachloroethane	4.51	0.200	4.64	0	97.3	63	128			
1,1,2-Trichloroethane	5.20	0.200	4.64	0	112	75	125			
1,1,2-Trichlorotrifluoroethane	4.51	3.00	4.64	0	97.2	67	125			
1,1-Dichloroethane	4.80	0.200	4.64	0	103	69	133			
1,1-Dichloroethene	4.55	0.200	4.64	0	98.1	68	130			
1,2,4-Trichlorobenzene	6.17	1.00	4.64	0	133	66	134			
1,2-Dibromo-3-chloropropane	4.39	2.00	4.64	0	94.7	50	132			
1,2-Dibromoethane	4.70	0.200	4.64	0	101	80	121			
1,2-Dichlorobenzene	4.81	0.200	4.64	0	104	75	125			
1,2-Dichloroethane	4.36	0.200	4.64	0	94.0	68	132			
1,2-Dichloropropane	5.21	0.200	4.64	0	112	75	125			
1,3-Dichlorobenzene	4.48	0.200	4.64	0	96.6	75	124			
1,4-Dichlorobenzene	4.31	0.200	4.64	0	92.8	74	123			
2-Butanone	4.67	3.00	4.64	0	101	49	136			
2-Hexanone	4.75	3.00	4.64	0	102	50	150			
4-Methyl-2-pentanone	4.71	3.00	4.64	0	102	60	135			
Acetone	5.04	3.00	4.64	0	109	40	135			
Benzene	5.13	0.200	4.64	0	111	81	120			
Bromodichloromethane	4.60	0.200	4.64	0	99.1	76	121			
Bromoform	4.32	0.200	4.64	0	93.1	69	128			
Bromomethane	4.07	0.200	4.64	0	87.7	53	141			
Carbon disulfide	4.44	3.00	4.64	0	95.8	50	150			
Carbon tetrachloride	4.62	0.200	4.64	0	99.5	66	138			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Chlorobenzene	4.50	0.200	4.64	0	96.9	81	122	
Chloroethane	4.86	0.200	4.64	0	105	58	133	
Chloroform	4.60	0.200	4.64	0	99.2	69	128	
Chloromethane	5.15	0.200	4.64	0	111	56	131	
cis-1,2-Dichloroethene	5.22	0.200	4.64	0	112	72	126	
cis-1,3-Dichloropropene	4.46	0.200	4.64	0	96.2	69	131	
Cyclohexane	4.92	3.00	4.64	0	106	40	161	N
Dibromochloromethane	4.19	0.200	4.64	0	90.2	66	133	
Dichlorodifluoromethane	4.44	0.200	4.64	0	95.8	53	153	
Ethylbenzene	4.54	0.200	4.64	0	97.8	80	120	
Isopropylbenzene	4.52	0.200	4.64	0.176	93.7	75	127	
m,p-Xylene	9.48	0.400	9.28	0	102	80	120	
Methyl Acetate	4.95	3.00	4.64	0	107	50	150	
Methyl tert-butyl ether	5.02	0.200	4.64	0	108	68	123	
Methylcyclohexane	4.75	3.00	4.64	0	102	70	130	
Methylene chloride	5.12	0.500	4.64	0	110	63	137	
o-Xylene	4.58	0.200	4.64	0	98.8	80	120	
Styrene	4.42	0.200	4.64	0	95.3	65	134	
Tetrachloroethene	4.54	0.400	4.64	0	97.8	66	128	
Toluene	4.96	0.400	4.64	0	107	80	120	
trans-1,2-Dichloroethene	5.07	0.200	4.64	0	109	63	137	
trans-1,3-Dichloropropene	4.72	0.200	4.64	0	102	59	135	
Trichloroethene	4.97	0.400	4.64	0	107	70	127	
Trichlorofluoromethane	4.31	0.200	4.64	0	93.0	57	129	
Vinyl chloride	5.15	0.200	4.64	0	111	50	134	
Surr: 1,2-Dichloroethane-d4	34400		40000		86.1	72	119	
Surr: 4-Bromofluorobenzene	37400		40000		93.6	76	119	
Surr: Dibromofluoromethane	38700		40000		96.6	85	115	
Surr: Toluene-d8	36500		40000		91.3	81	120	

Sample ID:	1010088-01AMSD	Batch ID:	43453	TestNo:	SW8260B	Units:	mg/L
SampType:	MSD	Run ID:	GCMS5_101020C	Analysis Date:	10/20/10 07:59 PM	Prep Date:	10/20/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	4.42	0.200	4.64	0	95.3	67	132	0.544	20	
1,1,2,2-Tetrachloroethane	4.63	0.200	4.64	0	99.8	63	128	2.58	20	
1,1,2-Trichloroethane	5.11	0.200	4.64	0	110	75	125	1.82	20	
1,1,2-Trichlorotrifluoroethane	4.40	3.00	4.64	0	94.8	67	125	2.56	20	
1,1-Dichloroethane	4.79	0.200	4.64	0	103	69	133	0.125	20	
1,1-Dichloroethene	4.61	0.200	4.64	0	99.4	68	130	1.40	20	
1,2,4-Trichlorobenzene	6.14	1.00	4.64	0	132	66	134	0.585	20	
1,2-Dibromo-3-chloropropane	4.42	2.00	4.64	0	95.3	50	132	0.590	20	
1,2-Dibromoethane	4.79	0.200	4.64	0	103	80	121	1.98	20	
1,2-Dichlorobenzene	4.77	0.200	4.64	0	103	75	125	0.793	20	
1,2-Dichloroethane	4.28	0.200	4.64	0	92.2	68	132	1.85	20	
1,2-Dichloropropane	5.17	0.200	4.64	0	112	75	125	0.617	20	
1,3-Dichlorobenzene	4.54	0.200	4.64	0	97.9	75	124	1.33	20	
1,4-Dichlorobenzene	4.33	0.200	4.64	0	93.3	74	123	0.463	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

2-Butanone	5.04	3.00	4.64	0	109	49	136	7.46	20	
2-Hexanone	4.83	3.00	4.64	0	104	50	150	1.67	20	
4-Methyl-2-pentanone	4.80	3.00	4.64	0	103	60	135	1.89	20	
Acetone	5.10	3.00	4.64	0	110	40	135	1.10	20	
Benzene	5.20	0.200	4.64	0	112	81	120	1.36	20	
Bromodichloromethane	4.54	0.200	4.64	0	97.8	76	121	1.40	20	
Bromoform	4.38	0.200	4.64	0	94.4	69	128	1.38	20	
Bromomethane	4.25	0.200	4.64	0	91.6	53	141	4.33	20	
Carbon disulfide	4.40	3.00	4.64	0	94.8	50	150	0.995	20	
Carbon tetrachloride	4.20	0.200	4.64	0	90.5	66	138	9.44	20	
Chlorobenzene	4.53	0.200	4.64	0	97.6	81	122	0.709	20	
Chloroethane	4.78	0.200	4.64	0	103	58	133	1.62	20	
Chloroform	4.55	0.200	4.64	0	98.0	69	128	1.22	20	
Chloromethane	5.05	0.200	4.64	0	109	56	131	1.92	20	
cis-1,2-Dichloroethene	5.12	0.200	4.64	0	110	72	126	1.78	20	
cis-1,3-Dichloropropene	4.53	0.200	4.64	0	97.7	69	131	1.56	20	
Cyclohexane	4.86	3.00	4.64	0	105	40	161	1.31	20	N
Dibromochloromethane	4.23	0.200	4.64	0	91.2	66	133	1.09	20	
Dichlorodifluoromethane	4.32	0.200	4.64	0	93.1	53	153	2.88	20	
Ethylbenzene	4.65	0.200	4.64	0	100	80	120	2.40	20	
Isopropylbenzene	4.57	0.200	4.64	0.176	94.8	75	127	1.10	20	
m,p-Xylene	9.57	0.400	9.28	0	103	80	120	0.944	20	
Methyl Acetate	4.94	3.00	4.64	0	106	50	150	0.121	20	
Methyl tert-butyl ether	5.01	0.200	4.64	0	108	68	123	0.200	20	
Methylcyclohexane	4.63	3.00	4.64	0	99.8	70	130	2.60	20	
Methylene chloride	5.04	0.500	4.64	0	109	63	137	1.65	20	
o-Xylene	4.63	0.200	4.64	0	99.8	80	120	1.04	20	
Styrene	4.40	0.200	4.64	0	94.7	65	134	0.590	20	
Tetrachloroethene	4.51	0.400	4.64	0	97.2	66	128	0.707	20	
Toluene	4.96	0.400	4.64	0	107	80	120	0.121	20	
trans-1,2-Dichloroethene	5.08	0.200	4.64	0	110	63	137	0.236	20	
trans-1,3-Dichloropropene	4.67	0.200	4.64	0	101	59	135	0.937	20	
Trichloroethene	4.88	0.400	4.64	0	105	70	127	1.75	20	
Trichlorofluoromethane	4.21	0.200	4.64	0	90.8	57	129	2.35	20	
Vinyl chloride	5.06	0.200	4.64	0	109	50	134	1.76	20	
Surr: 1,2-Dichloroethane-d4	33700		40000		84.2	72	119	0	0	
Surr: 4-Bromofluorobenzene	37000		40000		92.5	76	119	0	0	
Surr: Dibromofluoromethane	38600		40000		96.5	85	115	0	0	
Surr: Toluene-d8	37300		40000		93.3	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

Sample ID:	ICV-101020	Batch ID:	R51895		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS5_101020C		Analysis Date:		10/20/10 09:43 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0465	0.00100	0.0464	0	100	70	130			
1,1,2,2-Tetrachloroethane		0.0459	0.00100	0.0464	0	98.8	70	130			
1,1,2-Trichloroethane		0.0523	0.00100	0.0464	0	113	70	130			
1,1,2-Trichlorotrifluoroethane		0.0452	0.0150	0.0464	0	97.4	70	130			
1,1-Dichloroethane		0.0485	0.00100	0.0464	0	105	70	130			
1,1-Dichloroethene		0.0451	0.00100	0.0464	0	97.1	80	120			
1,2,4-Trichlorobenzene		0.0470	0.00500	0.0464	0	101	70	130			
1,2-Dibromo-3-chloropropane		0.0425	0.0100	0.0464	0	91.6	70	130			
1,2-Dibromoethane		0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichlorobenzene		0.0490	0.00100	0.0464	0	106	70	130			
1,2-Dichloroethane		0.0451	0.00100	0.0464	0	97.2	70	130			
1,2-Dichloropropane		0.0523	0.00100	0.0464	0	113	70	130			
1,3-Dichlorobenzene		0.0471	0.00100	0.0464	0	102	70	130			
1,4-Dichlorobenzene		0.0436	0.00100	0.0464	0	94.0	70	130			
2-Butanone		0.0532	0.0150	0.0464	0	115	70	130			
2-Hexanone		0.0488	0.0150	0.0464	0	105	70	130			
4-Methyl-2-pentanone		0.0506	0.0150	0.0464	0	109	70	130			
Acetone		0.0478	0.0150	0.0464	0	103	70	130			
Benzene		0.0512	0.00100	0.0464	0	110	70	130			
Bromodichloromethane		0.0481	0.00100	0.0464	0	104	70	130			
Bromoform		0.0490	0.00100	0.0464	0	106	70	130			
Bromomethane		0.0385	0.00100	0.0464	0	82.9	70	130			
Carbon disulfide		0.0439	0.0150	0.0464	0	94.7	70	130			
Carbon tetrachloride		0.0442	0.00100	0.0464	0	95.3	70	130			
Chlorobenzene		0.0456	0.00100	0.0464	0	98.4	70	130			
Chloroethane		0.0420	0.00100	0.0464	0	90.4	70	130			
Chloroform		0.0473	0.00100	0.0464	0	102	80	120			
Chloromethane		0.0485	0.00100	0.0464	0	105	70	130			
cis-1,2-Dichloroethene		0.0522	0.00100	0.0464	0	112	70	130			
cis-1,3-Dichloropropene		0.0488	0.00100	0.0464	0	105	70	130			
Cyclohexane		0.0503	0.0150	0.0464	0	108	70	130			N
Dibromochloromethane		0.0462	0.00100	0.0464	0	99.5	70	130			
Dichlorodifluoromethane		0.0446	0.00100	0.0464	0	96.1	70	130			
Ethylbenzene		0.0470	0.00100	0.0464	0	101	80	120			
Isopropylbenzene		0.0460	0.00100	0.0464	0	99.0	70	130			
m,p-Xylene		0.0995	0.00200	0.0928	0	107	70	130			
Methyl Acetate		0.0505	0.0150	0.0464	0	109	70	130			
Methyl tert-butyl ether		0.0545	0.00100	0.0464	0	117	70	130			
Methylcyclohexane		0.0482	0.0150	0.0464	0	104	70	130			
Methylene chloride		0.0499	0.00250	0.0464	0	107	70	130			
o-Xylene		0.0467	0.00100	0.0464	0	101	70	130			
Styrene		0.0465	0.00100	0.0464	0	100	70	130			
Tetrachloroethene		0.0481	0.00200	0.0464	0	104	70	130			
Toluene		0.0506	0.00200	0.0464	0	109	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS5_101020C

trans-1,2-Dichloroethene	0.0512	0.00100	0.0464	0	110	70	130
trans-1,3-Dichloropropene	0.0533	0.00100	0.0464	0	115	70	130
Trichloroethene	0.0503	0.00200	0.0464	0	108	70	130
Trichlorofluoromethane	0.0437	0.00100	0.0464	0	94.2	70	130
Vinyl chloride	0.0492	0.00100	0.0464	0	106	80	120
Surr: 1,2-Dichloroethane-d4	178		200.0		89.1	72	119
Surr: 4-Bromofluorobenzene	187		200.0		93.5	76	119
Surr: Dibromofluoromethane	198		200.0		98.8	85	115
Surr: Toluene-d8	191		200.0		95.6	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101021B

Sample ID:	1010124-06C-DUP	Batch ID:	43533	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101021B	Analysis Date:	10/22/10 09:00 AM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	25.4	0	0	23.55				7.55	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101022A

Sample ID:	1010145-15D-DUP	Batch ID:	43534	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101022A	Analysis Date:	10/22/10 02:05 PM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	17.6	0	0	17.96				2.23	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101026A

Sample ID:	1010145-03C-DUP	Batch ID:	43593	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101026A	Analysis Date:	10/27/10 08:55 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	8.65	0	0	8.684				0.411	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010145
Project: Hillcrest CEI

MQL SUMMARY REPORT

Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW8270C Analyte	MDL mg/Kg	MQL mg/Kg
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

October 28, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

Order No: 1010156

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI - Baseline

Dear Suzanne Green:

DHL Analytical received 1 sample(s) on 10/21/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

nelap

№ 46674

CHAIN-OF-CUSTODY

CLIENT: Geo Strata
ADDRESS: 4710 College Park
PHONE: 210 492 7282 FAX/E-MAIL: 210 492 8936
DATA REPORTED TO: Chris Kreig
ADDITIONAL REPORT COPIES TO:

DATE: Oct 20, 2010 PAGE ____ OF ____
PO #: call DHL WORK ORDER #: 1010156
PROJECT LOCATION OR NAME: Baseline
CLENT PROJECT #: 760 SLU COLLECTOR:

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR O=OTHER
L=LIQUID SO=SOIL

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ IMETHOD 8021 | TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ | GRO IMETHOD 8015 ☐ DRO IMETHOD 8105 ☐ | VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐ | SVOC 8270 ☐ HOLD PAH ☐ SVOC 625 ☐ | 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ | 8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐ | 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐ | METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ | RCRA ☐ TX11 ☐ ____ ☐ | PH ☐ HEX CHROM ☐ ANIONS ____ ☐ | CHLORIDE ☐ ALKALINITY ☐ | TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ | TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	BTEX	TPH 1005	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	FIELD NOTES
ULW	01	10.20.10	1445	W SOIL PI	Glass	8	X			X			X		X	X												
TOTAL						8																						

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	10.20.10 1830	Shipping Co
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Fedex	10/21/10	1015 [signature]
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 1.1 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL #: Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express — US Airbill

FedEx Tracking Number 8705 3918 9617

Form ID No. 0200 — Recipient's Copy

1 From

Date 10/20/10

Sender's Name R. GREEN — Phone 210 492 7282

Company G-STRATA ENVIRONMENTAL

Address 4716 Village PARK — Dept./Floor/Suite/Room

City SAN ANTONIO — State TX — ZIP 78249

2 Your Internal Billing Reference HCEI

3 To

Recipient's Name DHL ANALYTICAL — Phone 512 388 8229

Company DHL Analytical

Address 3300 Double Creek Dr. — Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address — Print FedEx location address here if a HOLD option is selected.

City Round Rock — State TX — ZIP 78664

☐ HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

☐ HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8705 3918 9617

4a Express Package Service * To most locations. — Packages up to 150 lbs.

- ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. — Packages over 150 lbs.

- ☐ FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 1Day Freight Booking No.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 1Day Freight.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment Bill to: — Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check — Obtain FedEx Acct. ☐

Total Packages — Total Weight 10 lbs. — Total Declared Value† $ ____ .00 — Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

Rev. Date 2/09-Part #158281-©1994-2008 FedEx-PRINTED IN U.S.A. SRY

fedex.com 1.800.GoFedEx 1.800.463.3339

CUSTODY SEAL
DATE 10/20/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name **Geo Strata Environmental Consultants** Date Received: **10/21/2010**

Work Order Number **1010156** Received by **JB**

Checklist completed by: [signature] 10/21/10 (Signature / Date) Reviewed by SS 10-21-10 (Initials / Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	1.1 °C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

10/28/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI - Baseline	Date: 10/28/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010156
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Were % moisture (or solids) reported for all soil and sediment samples?			X		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			X		
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?			X		
		2) Were analytical duplicates analyzed at the appropriate frequency?			X		
		3) Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.
Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI - Baseline	Date: 10/28/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010156

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.200	1	0.232	86.2	50	150	
1,1,1-Trichloroethane	0.260	1	0.232	112	60	140	
1,1,2,2-Tetrachloroethane	0.210	1	0.232	90.5	50	150	
1,1,2-Trichloroethane	0.240	1	0.232	103	40	160	
1,1-Dichloroethane	0.270	1	0.232	116	50	150	
1,1-Dichloroethene	0.250	1	0.232	108	50	150	
1,1-Dichloropropene	0.200	1	0.232	86.2	30	170	
1,2,3-Trichloropropane	0.110	1	0.232	47.4	20	180	
1,2-Dibromoethane	0.210	1	0.232	90.5	40	160	
1,2-Dichlorobenzene	0.210	1	0.232	90.5	50	150	
1,2-Dichloropropane	0.180	1	0.232	77.6	40	160	
1,3-Dichlorobenzene	0.220	1	0.232	94.8	50	150	
1,3-Dichloropropane	0.240	1	0.232	103	50	150	
1,4-Dichlorobenzene	0.240	1	0.232	103	50	150	
2,2-Dichloropropane	0.160	1	0.232	69.0	40	160	
2-Chlorotoluene	0.240	1	0.232	103	50	150	
4-Chlorotoluene	0.220	1	0.232	94.8	20	180	
Acrylonitrile	0.150	3	0.464	32.3	30	170	
Benzene	0.300	1	0.232	129	50	150	
Bromobenzene	0.230	1	0.232	99.1	50	150	
Bromochloromethane	0.140	1	0.232	60.3	30	170	
Bromodichloromethane	0.300	1	0.232	129	50	150	
Carbon tetrachloride	0.200	1	0.232	86.2	50	150	
Chlorobenzene	0.260	1	0.232	112	50	150	
Chloroform	0.280	1	0.232	121	50	150	
Chloromethane	0.220	1	0.232	94.8	40	180	
cis-1,2-Dichloroethene	0.240	1	0.232	103	50	150	
cis-1,3-Dichloropropene	0.200	1	0.232	86.2	40	160	
Dibromochloromethane	0.330	1	0.232	142	40	160	
Dichlorodifluoromethane	0.210	1	0.232	90.5	50	150	
Ethylbenzene	0.250	1	0.232	108	60	140	
Isopropylbenzene	0.210	1	0.232	90.5	30	170	
Methyl tert-butyl ether	0.290	1	0.232	125	50	150	
n-Butylbenzene	0.200	1	0.232	86.2	20	180	
n-Propylbenzene	0.230	1	0.232	99.1	40	160	
o-Xylene	0.250	1	0.232	108	30	170	
p-Isopropyltoluene	0.190	1	0.232	81.9	20	180	
sec-Butylbenzene	0.210	1	0.232	90.5	30	170	
Styrene	0.210	1	0.232	90.5	20	200	
tert-Butylbenzene	0.220	1	0.232	94.8	20	180	
Total THMs	1.23	1	0.928	133	30	160	
Total Xylenes	0.450	1	0.696	64.7	30	170	
trans-1,2-Dichloroethene	0.260	1	0.232	112	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
trans-1,3-Dichloropropene	0.180	1	0.232	77.6	40	160	
Trichlorofluoromethane	0.250	1	0.232	108	50	150	
Vinyl chloride	0.160	1	0.232	69.0	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS2-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2-Dichloroethane	0.530	1	0.464	114	50	150	
Bromoform	0.540	1	0.464	116	30	120	
m,p-Xylene	0.930	2	0.928	100	40	160	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS3-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4-Trimethylbenzene	0.880	5	0.928	94.8	20	180	
1,3,5-Trimethylbenzene	0.890	5	0.928	95.9	20	180	
1,4-Dichloro-2-butene	0.440	2	0.928	47.4	20	180	
1-Chlorohexane	0.920	5	0.928	99.1	20	180	
Bromomethane	0.440	1	0.928	47.4	20	200	
Chloroethane	0.960	1	0.928	103	20	180	
Dibromomethane	0.710	1	0.928	76.5	50	150	
Hexachlorobutadiene	0.760	3	0.928	81.9	20	200	
Isopropyl ether (DIPE)	1.11	2	0.928	120	20	200	
Methylene chloride	1.65	2.5	0.928	178	20	200	
Tert-amyl methyl ether (TAME)	1.10	2	0.928	119	20	200	
Tert-butanol (TBA)	6.11	20	4.64	132	20	200	
Tetrachloroethene	0.900	2	0.928	97.0	50	150	
Toluene	1.10	2	0.928	119	40	160	
Trichloroethene	1.07	2	0.928	115	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS4-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	5.54	15	4.64	119	40	160	
1,2,3-Trichlorobenzene	5.19	5	4.64	112	20	180	
1,2,4-Trichlorobenzene	5.69	5	4.64	123	20	180	
1,2-Dibromo-3-chloropropane	5.83	10	4.64	126	20	180	
2-Butanone	5.82	15	4.64	125	40	160	
2-Chloroethylvinylether	5.30	15	4.64	114	20	180	
2-Hexanone	4.77	15	4.64	103	20	180	
4-Methyl-2-pentanone	4.79	15	4.64	103	50	150	
Acetone	7.97	15	4.64	172	20	200	
Carbon disulfide	5.02	15	4.64	108	20	200	
Cyclohexane	6.03	15	4.64	130	20	180	
Iodomethane	3.59	15	4.64	77.4	20	200	
Methyl Acetate	6.12	15	4.64	132	30	180	
Methylcyclohexane	4.97	15	4.64	107	20	200	
Naphthalene	5.90	15	4.64	127	20	200	

CLIENT:	Geo Strata Environmental Consultants	CASE NARRATIVE
Project:	Hillcrest CEI - Baseline	
Lab Order:	1010156	

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons
Method SW8260B - Volatile Organics by GCMS (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS

Exception Report R1-01

Samples were received and log-in performed on 10/21/2010. A total of 1 sample was received. The sample arrived in good condition and was properly packaged.

Exception Report R7-01

For Volatiles, TX1005 and PAH Organics Analysis, the reference samples designated for the MS/MSDs were not from this workorder.

DHL Analytical

Date: 10/28/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI - Baseline
Lab Order: 1010156

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010156-01	ULW		10/20/10 02:45 PM	10/21/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI - Baseline
Lab Order: 1010156

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010156-01A	ULW	10/20/10 02:45 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010156-01B	ULW	10/20/10 02:45 PM	Aqueous	TX1005	TX1005 Water Prep	10/21/10 03:34 PM	43535
1010156-01C	ULW	10/20/10 02:45 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI - Baseline
Lab Order: 1010156

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010156-01A	ULW	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 08:24 PM	GCMS7_101026A
1010156-01B	ULW	Aqueous	TX1005	Tx1005 TPH Water	43535	1	10/22/10 11:09 AM	GC12_101022A
1010156-01C	ULW	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 03:37 PM	GCMS6_101025A

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	ULW
Project:	Hillcrest CEI - Baseline	Lab ID:	1010156-01
Project No:	760 SL11	Collection Date:	10/20/10 02:45 PM
Lab Order:	1010156	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.680	0.680	1.94		mg/L	1	10/22/10 11:09 AM
T/R Hydrocarbons: >C12-C28	<0.680	0.680	1.94		mg/L	1	10/22/10 11:09 AM
T/R Hydrocarbons: >C28-C35	<0.680	0.680	1.94		mg/L	1	10/22/10 11:09 AM
T/R Hydrocarbons: C6-C35	<0.680	0.680	1.94		mg/L	1	10/22/10 11:09 AM
Surr: Isopropylbenzene	100	0	70 - 130		%REC	1	10/22/10 11:09 AM
Surr: Octacosane	94.9	0	70 - 130		%REC	1	10/22/10 11:09 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 03:37 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Phenanthrene	0.0000310	0.0000250	0.0000500	J	mg/L	1	10/25/10 03:37 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:37 PM
Surr: 2-Fluorobiphenyl	68.8	0	40 - 140		%REC	1	10/25/10 03:37 PM
Surr: 4-Terphenyl-d14	75.3	0	40 - 140		%REC	1	10/25/10 03:37 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 08:24 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 08:24 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
2-Butanone	0.00933	0.00500	0.0150	J	mg/L	1	10/26/10 08:24 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
Acetone	0.00629	0.00500	0.0150	J	mg/L	1	10/26/10 08:24 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 10/28/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	ULW
Project:	Hillcrest CEI - Baseline	Lab ID:	1010156-01
Project No:	760 SL11	Collection Date:	10/20/10 02:45 PM
Lab Order:	1010156	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Bromodichloromethane	0.000900	0.000200	0.00100	J	mg/L	1	10/26/10 08:24 PM
Bromoform	0.00325	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 08:24 PM
Dibromochloromethane	0.00283	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:24 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:24 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 08:24 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:24 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:24 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:24 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:24 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:24 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 08:24 PM
Surr: 1,2-Dichloroethane-d4	92.9	0	72 - 119		%REC	1	10/26/10 08:24 PM
Surr: 4-Bromofluorobenzene	94.7	0	76 - 119		%REC	1	10/26/10 08:24 PM
Surr: Dibromofluoromethane	94.2	0	85 - 115		%REC	1	10/26/10 08:24 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 08:24 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	LCS-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:02 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.6	2.00	25.00	0	94.2	75	125			
Surr: Isopropylbenzene		2.47		2.500		98.9	70	130			
Surr: Octacosane		2.49		2.500		99.5	70	130			

Sample ID:	LCSD-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:11 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.3	2.00	25.00	0	93.0	75	125	1.29	20	
Surr: Isopropylbenzene		2.43		2.500		97.4	70	130	0	0	
Surr: Octacosane		2.48		2.500		99.1	70	130	0	0	

Sample ID:	MB-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:20 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.48		2.500		99.3	70	130			
Surr: Octacosane		2.53		2.500		101	70	130			

Sample ID:	1010155-03BMS	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:14 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.4	1.95	24.33	0	87.8	75	125			
Surr: Isopropylbenzene		2.36		2.433		97.1	70	130			
Surr: Octacosane		2.38		2.433		97.7	70	130			

Sample ID:	1010155-03BMSD	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:23 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.0	1.96	24.46	0	90.1	75	125	3.02	20	
Surr: Isopropylbenzene		2.46		2.446		101	70	130	0	0	
Surr: Octacosane		2.41		2.446		98.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	ICV-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	ICV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 08:54 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		1030	2.00	1000	0	103	75	125			
Surr: Isopropylbenzene		52.6		50.00		105	70	130			
Surr: Octacosane		50.3		50.00		101	70	130			

Sample ID:	CCV1-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:32 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		499	2.00	500.0	0	99.9	75	125			
Surr: Isopropylbenzene		26.2		25.00		105	70	130			
Surr: Octacosane		24.6		25.00		98.3	70	130			

Sample ID:	CCV2-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 11:27 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		509	2.00	500.0	0	102	75	125			
Surr: Isopropylbenzene		26.8		25.00		107	70	130			
Surr: Octacosane		25.2		25.00		101	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	1010173-25CMS	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:32 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00302	0.0000500	0.00400	0	75.5	50	110			
Acenaphthylene	0.00332	0.0000500	0.00400	0	82.9	55	110			
Anthracene	0.00325	0.0000500	0.00400	0	81.2	44	110			
Benzo[a]anthracene	0.00380	0.0000500	0.00400	0	95.1	48	115			
Benzo[a]pyrene	0.00381	0.0000500	0.00400	0	95.1	53	112			
Benzo[b]fluoranthene	0.00396	0.0000500	0.00400	0	99.0	52	117			
Benzo[g,h,i]perylene	0.00417	0.0000500	0.00400	0	104	60	114			
Benzo[k]fluoranthene	0.00378	0.0000500	0.00400	0	94.4	53	124			
Chrysene	0.00366	0.0000500	0.00400	0	91.5	54	122			
Dibenz[a,h]anthracene	0.00409	0.0000100	0.00400	0	102	51	120			
Fluoranthene	0.00361	0.0000500	0.00400	0	90.3	40	126			
Fluorene	0.00339	0.0000500	0.00400	0	84.7	54	110			
Indeno[1,2,3-cd]pyrene	0.00408	0.0000500	0.00400	0	102	57	116			
Naphthalene	0.00280	0.0000500	0.00400	0	70.1	44	110			
Phenanthrene	0.00320	0.0000500	0.00400	0	79.9	51	114			
Pyrene	0.00381	0.0000500	0.00400	0	95.2	53	120			
Surr: 2-Fluorobiphenyl	4.72		8.000		59.0	40	140			
Surr: 4-Terphenyl-d14	5.36		8.000		67.0	40	140			

Sample ID:	1010173-25CMSD	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MSD	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 12:02 PM	Prep Date:	10/25/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00312	0.0000500	0.00400	0	78.1	50	110	3.40	30	
Acenaphthylene	0.00349	0.0000500	0.00400	0	87.2	55	110	4.96	30	
Anthracene	0.00318	0.0000500	0.00400	0	79.5	44	110	2.07	30	
Benzo[a]anthracene	0.00383	0.0000500	0.00400	0	95.8	48	115	0.757	30	
Benzo[a]pyrene	0.00384	0.0000500	0.00400	0	96.0	53	112	0.933	30	
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	52	117	0.605	30	
Benzo[g,h,i]perylene	0.00410	0.0000500	0.00400	0	103	60	114	1.54	30	
Benzo[k]fluoranthene	0.00380	0.0000500	0.00400	0	95.0	53	124	0.631	30	
Chrysene	0.00375	0.0000500	0.00400	0	93.8	54	122	2.49	30	
Dibenz[a,h]anthracene	0.00398	0.0000100	0.00400	0	99.4	51	120	2.81	30	
Fluoranthene	0.00355	0.0000500	0.00400	0	88.7	40	126	1.78	30	
Fluorene	0.00342	0.0000500	0.00400	0	85.5	54	110	1.01	30	
Indeno[1,2,3-cd]pyrene	0.00398	0.0000500	0.00400	0	99.5	57	116	2.56	30	
Naphthalene	0.00318	0.0000500	0.00400	0	79.5	44	110	12.6	30	
Phenanthrene	0.00315	0.0000500	0.00400	0	78.7	51	114	1.54	30	
Pyrene	0.00383	0.0000500	0.00400	0	95.7	53	120	0.443	30	
Surr: 2-Fluorobiphenyl	4.49		8.000		56.1	40	140	0	0	
Surr: 4-Terphenyl-d14	5.07		8.000		63.4	40	140	0	0	

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958		TestNo:		SW8270C		Units:		mg/L
SampType:	ICV	Run ID:	GCMS6_101025A		Analysis Date:		10/25/10 10:30 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene		2.06	0.0000500	2.00	0	103	80	120			
Anthracene		1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene		2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene		1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene		2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene		2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene		1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene		1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene		2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene		2.12	0.0000500	2.00	0	106	80	120			
Fluorene		1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene		2.09	0.0000500	2.00	0	104	80	120			
Naphthalene		1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene		1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene		2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl		1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14		1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	LCS-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	LCS	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 11:53 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0215	0.00100	0.0232	0	92.8	67	132			
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128			
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.6	75	125			
1,1,2-Trichlorotrifluoroethane	0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane	0.0225	0.00100	0.0232	0	96.9	69	133			
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.1	68	130			
1,2,4-Trichlorobenzene	0.0204	0.00500	0.0232	0	88.1	66	134			
1,2-Dibromo-3-chloropropane	0.0224	0.0100	0.0232	0	96.6	50	132			
1,2-Dibromoethane	0.0242	0.00100	0.0232	0	104	80	121			
1,2-Dichlorobenzene	0.0250	0.00100	0.0232	0	108	75	122			
1,2-Dichloroethane	0.0208	0.00100	0.0232	0	89.8	69	132			
1,2-Dichloropropane	0.0229	0.00100	0.0232	0	98.6	75	125			
1,3-Dichlorobenzene	0.0252	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene	0.0245	0.00100	0.0232	0	106	74	123			
2-Butanone	0.0195	0.0150	0.0232	0	84.0	49	136			
2-Hexanone	0.0229	0.0150	0.0232	0	98.8	50	150			
4-Methyl-2-pentanone	0.0227	0.0150	0.0232	0	98.0	60	134			
Acetone	0.0201	0.0150	0.0232	0	86.6	40	135			
Benzene	0.0235	0.00100	0.0232	0	101	81	122			
Bromodichloromethane	0.0226	0.00100	0.0232	0	97.6	76	121			
Bromoform	0.0260	0.00100	0.0232	0	112	69	128			
Bromomethane	0.0225	0.00100	0.0232	0	96.9	53	141			
Carbon disulfide	0.0199	0.0150	0.0232	0	85.6	50	150			
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138			
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122			
Chloroethane	0.0208	0.00100	0.0232	0	89.6	58	133			
Chloroform	0.0218	0.00100	0.0232	0	94.0	69	128			
Chloromethane	0.0200	0.00100	0.0232	0	86.3	56	131			
cis-1,2-Dichloroethene	0.0227	0.00100	0.0232	0	97.8	72	126			
cis-1,3-Dichloropropene	0.0245	0.00100	0.0232	0	106	69	131			
Cyclohexane	0.0229	0.0150	0.0232	0	98.8	40	161			N
Dibromochloromethane	0.0241	0.00100	0.0232	0	104	66	133			
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.6	53	153			
Ethylbenzene	0.0251	0.00100	0.0232	0	108	80	120			
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127			
m,p-Xylene	0.0514	0.00200	0.0464	0	111	80	120			
Methyl Acetate	0.0197	0.0150	0.0232	0	85.0	50	150			
Methyl tert-butyl ether	0.0213	0.00100	0.0232	0	91.9	68	123			
Methylcyclohexane	0.0215	0.0150	0.0232	0	92.5	70	130			
Methylene chloride	0.0223	0.00250	0.0232	0	95.9	63	137			
o-Xylene	0.0262	0.00100	0.0232	0	113	80	120			
Styrene	0.0256	0.00100	0.0232	0	110	65	134			
Tetrachloroethene	0.0258	0.00200	0.0232	0	111	66	128			
Toluene	0.0232	0.00200	0.0232	0	99.8	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0224	0.00100	0.0232	0	96.7	63	137
trans-1,3-Dichloropropene	0.0240	0.00100	0.0232	0	103	59	135
Trichloroethene	0.0221	0.00200	0.0232	0	95.3	70	127
Trichlorofluoromethane	0.0212	0.00100	0.0232	0	91.4	57	129
Vinyl chloride	0.0216	0.00100	0.0232	0	93.1	50	134
Surr: 1,2-Dichloroethane-d4	183		200.0		91.3	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	188		200.0		93.9	85	115
Surr: Toluene-d8	204		200.0		102	81	120

Sample ID:	MB-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 01:10 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Isopropylbenzene	<0.000200	0.00100					
m,p-Xylene	<0.000600	0.00200					
Methyl Acetate	<0.00500	0.0150					
Methyl tert-butyl ether	<0.000300	0.00100					
Methylcyclohexane	<0.00500	0.0150					
Methylene chloride	<0.00250	0.00250					
o-Xylene	<0.000300	0.00100					
Styrene	<0.000200	0.00100					
Tetrachloroethene	<0.000600	0.00200					
Toluene	<0.000600	0.00200					
trans-1,2-Dichloroethene	<0.000200	0.00100					
trans-1,3-Dichloropropene	<0.000200	0.00100					
Trichloroethene	<0.000600	0.00200					
Trichlorofluoromethane	<0.000200	0.00100					
Vinyl chloride	<0.000100	0.00100					
Surr: 1,2-Dichloroethane-d4	182		200.0	91.0	72	119	
Surr: 4-Bromofluorobenzene	192		200.0	95.8	76	119	
Surr: Dibromofluoromethane	187		200.0	93.5	85	115	
Surr: Toluene-d8	204		200.0	102	81	120	

Sample ID:	1010155-03AMS	Batch ID:	43586	TestNo:	SW8260B		Units:	mg/L	
SampType:	MS	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 10:06 PM		Prep Date:	10/26/10	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0221	0.00100	0.0232	0	95.3	67	132			
1,1,2,2-Tetrachloroethane		0.0271	0.00100	0.0232	0	117	63	128			
1,1,2-Trichloroethane		0.0224	0.00100	0.0232	0	96.5	75	125			
1,1,2-Trichlorotrifluoroethane		0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane		0.0274	0.00100	0.0232	0.00506	96.4	69	133			
1,1-Dichloroethene		0.0290	0.00100	0.0232	0.00607	99.0	68	130			
1,2,4-Trichlorobenzene		0.0199	0.00500	0.0232	0	85.6	66	134			
1,2-Dibromo-3-chloropropane		0.0214	0.0100	0.0232	0	92.1	50	132			
1,2-Dibromoethane		0.0236	0.00100	0.0232	0	102	80	121			
1,2-Dichlorobenzene		0.0249	0.00100	0.0232	0	107	75	125			
1,2-Dichloroethane		0.0218	0.00100	0.0232	0	93.8	68	132			
1,2-Dichloropropane		0.0228	0.00100	0.0232	0	98.3	75	125			
1,3-Dichlorobenzene		0.0250	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene		0.0244	0.00100	0.0232	0	105	74	123			
2-Butanone		0.0201	0.0150	0.0232	0	86.7	49	136			
2-Hexanone		0.0218	0.0150	0.0232	0	93.8	50	150			
4-Methyl-2-pentanone		0.0223	0.0150	0.0232	0	96.1	60	135			
Acetone		0.0227	0.0150	0.0232	0	97.8	40	135			
Benzene		0.0237	0.00100	0.0232	0	102	81	120			
Bromodichloromethane		0.0229	0.00100	0.0232	0	98.8	76	121			
Bromoform		0.0241	0.00100	0.0232	0	104	69	128			
Bromomethane		0.0240	0.00100	0.0232	0	103	53	141			
Carbon disulfide		0.0188	0.0150	0.0232	0	80.9	50	150			
Carbon tetrachloride		0.0240	0.00100	0.0232	0	104	66	138			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Chlorobenzene	0.0242	0.00100	0.0232	0	104	81	122	
Chloroethane	0.0224	0.00100	0.0232	0	96.7	58	133	
Chloroform	0.0223	0.00100	0.0232	0	96.1	69	128	
Chloromethane	0.0202	0.00100	0.0232	0	87.3	56	131	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	99.0	72	126	
cis-1,3-Dichloropropene	0.0225	0.00100	0.0232	0	96.9	69	131	
Cyclohexane	0.0224	0.0150	0.0232	0	96.7	40	161	N
Dibromochloromethane	0.0233	0.00100	0.0232	0	101	66	133	
Dichlorodifluoromethane	0.0212	0.00100	0.0232	0	91.6	53	153	
Ethylbenzene	0.0248	0.00100	0.0232	0	107	80	120	
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127	
m,p-Xylene	0.0512	0.00200	0.0464	0	110	80	120	
Methyl Acetate	0.0163	0.0150	0.0232	0	70.4	50	150	
Methyl tert-butyl ether	0.0215	0.00100	0.0232	0	92.6	68	123	
Methylcyclohexane	0.0208	0.0150	0.0232	0	89.7	70	130	
Methylene chloride	0.0229	0.00250	0.0232	0	98.5	63	137	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	
Styrene	0.0245	0.00100	0.0232	0	106	65	134	
Tetrachloroethene	0.0255	0.00200	0.0232	0	110	66	128	
Toluene	0.0232	0.00200	0.0232	0	100	80	120	
trans-1,2-Dichloroethene	0.0226	0.00100	0.0232	0	97.5	63	137	
trans-1,3-Dichloropropene	0.0226	0.00100	0.0232	0	97.4	59	135	
Trichloroethene	0.0219	0.00200	0.0232	0	94.5	70	127	
Trichlorofluoromethane	0.0233	0.00100	0.0232	0	101	57	129	
Vinyl chloride	0.0214	0.00100	0.0232	0.00010	91.9	50	134	
Surr: 1,2-Dichloroethane-d4	186		200.0		93.2	72	119	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	
Surr: Dibromofluoromethane	190		200.0		95.1	85	115	
Surr: Toluene-d8	203		200.0		101	81	120	

Sample ID:	1010155-03AMSD	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MSD	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 10:32 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0220	0.00100	0.0232	0	94.8	67	132	0.454	20	
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128	0.844	20	
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.8	75	125	0.672	20	
1,1,2-Trichlorotrifluoroethane	0.0226	0.0150	0.0232	0	97.2	67	125	0.751	20	
1,1-Dichloroethane	0.0274	0.00100	0.0232	0.00506	96.1	69	133	0.219	20	
1,1-Dichloroethene	0.0291	0.00100	0.0232	0.00607	99.2	68	130	0.172	20	
1,2,4-Trichlorobenzene	0.0198	0.00500	0.0232	0	85.3	66	134	0.454	20	
1,2-Dibromo-3-chloropropane	0.0212	0.0100	0.0232	0	91.5	50	132	0.658	20	
1,2-Dibromoethane	0.0235	0.00100	0.0232	0	101	80	121	0.467	20	
1,2-Dichlorobenzene	0.0248	0.00100	0.0232	0	107	75	125	0.443	20	
1,2-Dichloroethane	0.0218	0.00100	0.0232	0	93.8	68	132	0.046	20	
1,2-Dichloropropane	0.0228	0.00100	0.0232	0	98.3	75	125	0	20	
1,3-Dichlorobenzene	0.0249	0.00100	0.0232	0	107	75	124	0.401	20	
1,4-Dichlorobenzene	0.0243	0.00100	0.0232	0	105	74	123	0.164	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

2-Butanone	0.0214	0.0150	0.0232	0	92.0	49	136	5.93	20	
2-Hexanone	0.0217	0.0150	0.0232	0	93.6	50	150	0.138	20	
4-Methyl-2-pentanone	0.0224	0.0150	0.0232	0	96.7	60	135	0.626	20	
Acetone	0.0227	0.0150	0.0232	0	97.7	40	135	0.132	20	
Benzene	0.0236	0.00100	0.0232	0	102	81	120	0.508	20	
Bromodichloromethane	0.0225	0.00100	0.0232	0	97.1	76	121	1.76	20	
Bromoform	0.0238	0.00100	0.0232	0	103	69	128	1.00	20	
Bromomethane	0.0240	0.00100	0.0232	0	103	53	141	0.125	20	
Carbon disulfide	0.0190	0.0150	0.0232	0	81.9	50	150	1.16	20	
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138	1.00	20	
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122	0.704	20	
Chloroethane	0.0219	0.00100	0.0232	0	94.2	58	133	2.57	20	
Chloroform	0.0225	0.00100	0.0232	0	96.9	69	128	0.804	20	
Chloromethane	0.0201	0.00100	0.0232	0	86.4	56	131	0.993	20	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	98.9	72	126	0.087	20	
cis-1,3-Dichloropropene	0.0227	0.00100	0.0232	0	97.9	69	131	0.973	20	
Cyclohexane	0.0220	0.0150	0.0232	0	94.7	40	161	2.12	20	N
Dibromochloromethane	0.0234	0.00100	0.0232	0	101	66	133	0.300	20	
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.7	53	153	2.09	20	
Ethylbenzene	0.0246	0.00100	0.0232	0	106	80	120	0.688	20	
Isopropylbenzene	0.0258	0.00100	0.0232	0	111	75	127	1.54	20	
m,p-Xylene	0.0507	0.00200	0.0464	0	109	80	120	1.08	20	
Methyl Acetate	0.0158	0.0150	0.0232	0	68.3	50	150	3.04	20	
Methyl tert-butyl ether	0.0217	0.00100	0.0232	0	93.5	68	123	0.972	20	
Methylcyclohexane	0.0206	0.0150	0.0232	0	88.6	70	130	1.21	20	
Methylene chloride	0.0226	0.00250	0.0232	0	97.4	63	137	1.14	20	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	0.116	20	
Styrene	0.0243	0.00100	0.0232	0	105	65	134	0.901	20	
Tetrachloroethene	0.0252	0.00200	0.0232	0	109	66	128	1.03	20	
Toluene	0.0234	0.00200	0.0232	0	101	80	120	0.643	20	
trans-1,2-Dichloroethene	0.0225	0.00100	0.0232	0	97.1	63	137	0.443	20	
trans-1,3-Dichloropropene	0.0222	0.00100	0.0232	0	95.6	59	135	1.83	20	
Trichloroethene	0.0220	0.00200	0.0232	0	94.9	70	127	0.410	20	
Trichlorofluoromethane	0.0226	0.00100	0.0232	0	97.5	57	129	3.13	20	
Vinyl chloride	0.0211	0.00100	0.0232	0.00010	90.3	50	134	1.74	20	
Surr: 1,2-Dichloroethane-d4	187		200.0		93.6	72	119	0	0	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	0	0	
Surr: Dibromofluoromethane	191		200.0		95.3	85	115	0	0	
Surr: Toluene-d8	205		200.0		102	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	ICV-101026	Batch ID:	R51980		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS7_101026A		Analysis Date:		10/26/10 11:18 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0435	0.00100	0.0464	0	93.8	70	130			
1,1,2,2-Tetrachloroethane		0.0550	0.00100	0.0464	0	118	70	130			
1,1,2-Trichloroethane		0.0440	0.00100	0.0464	0	94.9	70	130			
1,1,2-Trichlorotrifluoroethane		0.0444	0.0150	0.0464	0	95.6	70	130			
1,1-Dichloroethane		0.0451	0.00100	0.0464	0	97.2	70	130			
1,1-Dichloroethene		0.0446	0.00100	0.0464	0	96.2	80	120			
1,2,4-Trichlorobenzene		0.0427	0.00500	0.0464	0	92.0	70	130			
1,2-Dibromo-3-chloropropane		0.0466	0.0100	0.0464	0	100	70	130			
1,2-Dibromoethane		0.0495	0.00100	0.0464	0	107	70	130			
1,2-Dichlorobenzene		0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichloroethane		0.0420	0.00100	0.0464	0	90.5	70	130			
1,2-Dichloropropane		0.0462	0.00100	0.0464	0	99.5	70	130			
1,3-Dichlorobenzene		0.0510	0.00100	0.0464	0	110	70	130			
1,4-Dichlorobenzene		0.0490	0.00100	0.0464	0	106	70	130			
2-Butanone		0.0367	0.0150	0.0464	0	79.0	70	130			
2-Hexanone		0.0473	0.0150	0.0464	0	102	70	130			
4-Methyl-2-pentanone		0.0465	0.0150	0.0464	0	100	70	130			
Acetone		0.0403	0.0150	0.0464	0	86.8	70	130			
Benzene		0.0465	0.00100	0.0464	0	100	70	130			
Bromodichloromethane		0.0464	0.00100	0.0464	0	99.9	70	130			
Bromoform		0.0538	0.00100	0.0464	0	116	70	130			
Bromomethane		0.0374	0.00100	0.0464	0	80.7	70	130			
Carbon disulfide		0.0393	0.0150	0.0464	0	84.8	70	130			
Carbon tetrachloride		0.0494	0.00100	0.0464	0	106	70	130			
Chlorobenzene		0.0477	0.00100	0.0464	0	103	70	130			
Chloroethane		0.0330	0.00100	0.0464	0	71.1	70	130			
Chloroform		0.0439	0.00100	0.0464	0	94.7	80	120			
Chloromethane		0.0378	0.00100	0.0464	0	81.5	70	130			
cis-1,2-Dichloroethene		0.0454	0.00100	0.0464	0	97.9	70	130			
cis-1,3-Dichloropropene		0.0499	0.00100	0.0464	0	108	70	130			
Cyclohexane		0.0451	0.0150	0.0464	0	97.2	70	130			N
Dibromochloromethane		0.0517	0.00100	0.0464	0	111	70	130			
Dichlorodifluoromethane		0.0405	0.00100	0.0464	0	87.3	70	130			
Ethylbenzene		0.0498	0.00100	0.0464	0	107	80	120			
Isopropylbenzene		0.0510	0.00100	0.0464	0	110	70	130			
m,p-Xylene		0.100	0.00200	0.0928	0	108	70	130			
Methyl Acetate		0.0388	0.0150	0.0464	0	83.7	70	130			
Methyl tert-butyl ether		0.0432	0.00100	0.0464	0	93.1	70	130			
Methylcyclohexane		0.0424	0.0150	0.0464	0	91.3	70	130			
Methylene chloride		0.0454	0.00250	0.0464	0	97.8	70	130			
o-Xylene		0.0512	0.00100	0.0464	0	110	70	130			
Styrene		0.0501	0.00100	0.0464	0	108	70	130			
Tetrachloroethene		0.0530	0.00200	0.0464	0	114	70	130			
Toluene		0.0461	0.00200	0.0464	0	99.4	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0453	0.00100	0.0464	0	97.7	70	130
trans-1,3-Dichloropropene	0.0495	0.00100	0.0464	0	107	70	130
Trichloroethene	0.0442	0.00200	0.0464	0	95.3	70	130
Trichlorofluoromethane	0.0348	0.00100	0.0464	0	75.0	70	130
Vinyl chloride	0.0422	0.00100	0.0464	0	90.9	80	120
Surr: 1,2-Dichloroethane-d4	183		200.0		91.7	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	190		200.0		94.9	85	115
Surr: Toluene-d8	209		200.0		105	81	120

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010156
Project: Hillcrest CEI - Baseline

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

November 08, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

TEL: (210) 492-2558
FAX: (210) 492-8935

Order No: 1010157

RE: Hillcrest CEI

Dear Suzanne Green:

DHL Analytical received 10 sample(s) on 10/21/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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Sample Results 29

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MQL Summary Report 76

DHL ANALYTICAL COC 1981

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 46653

CHAIN-OF-CUSTODY

CLIENT: GEOSTRATA ENVIRONMENTAL INC
ADDRESS: 4118 College Park San Antonio TX 78249
PHONE: (210) 492-7282 FAX/E-MAIL: (210) 492-8935
DATA REPORTED TO: CHERI KRIEG
ADDITIONAL REPORT COPIES TO:

DATE: 10/20/10 PAGE 1 OF 1
PO #: 354757P DHL WORK ORDER #: 1010157
PROJECT LOCATION OR NAME:
CLENT PROJECT #: COLLECTOR:

Authorize 5% surcharge for TRRP Report? ☑ Yes ☐ No

S=SOIL W=WATER A=AIR L=LIQUID P=PAINT SL=SLUDGE O=OTHER SO=SOIL

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) ☐; TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐; GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐; VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐; SVOC 8270 ☐ 6/4 8270 ☐ HOLD PAH ☐ SVOC 625 ☐; 8081 PEST ☐ 608 PEST ☐ 8082 PCB ☐ 8270 PCB ☐; 8270 O-P PEST ☐ 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐; METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐; RCRA ☐ TX1 ☐ ☐; PH ☐ HEX CHROM ☐ ALKALINITY ☐ ☐; CHLORIDE ☐ ANIONS ☐ ☐; TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐; TCLP-METALS ☐ RCRA 8 ☐ TX1 ☐ Pb ☐; RCI ☐ TOX ☐ FLASHPOINT ☐; TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 / NaOH	ICE	UNPRESERVED	BTEX	MTBE	GRO	DRO	VOC 8260	VOC 624	SVOC 8270	6/4 8270	8081 PEST	608 PEST	8270 O-P PEST	8082 PCB	8270 PCB	8321 HERB	8330 EXPL	METALS 6020	METALS 200.8	RCRA	TX1	PH	HEX CHROM	CHLORIDE	ALKALINITY	ANIONS	TCLP-SVOC	VOC	PEST	HERB	TCLP-METALS	RCRA 8	TX1	Pb	RCI	TOX	FLASHPOINT	TDS	TSS	% MOISTURE	CYANIDE	FIELD NOTES
TRIP BLANK	01	10/20/10		W	40 ml VOA	2	✓			✓						✓																																			
50-MW4-01	02	10/20/10	830	S	VARIOUS	8				✓			✓			✓	✓																																		
50-MW7-01	03	10/20/10	1055	S	VARIOUS	8				✓			✓			✓	✓																																		
50 MW8-01	04	10/20/10	1432	S	VARIOUS	8				✓			✓			✓	✓																																		
50 MW8 02	05	10/20/10	1435	S	VARIOUS	8				✓			✓			✓	✓																																		
50 MW8-03	06	10/20/10	1435	S	VARIOUS	8				✓			✓			✓	✓																																		
TOTAL																																																			

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	10/20/10	[signature]
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	10/21/10 1015	[signature]
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 3.0 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #: [signature]
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

Coch 1982

№ 46673

CHAIN-OF-CUSTODY

CLIENT: Geo Strata
ADDRESS: 4719 College, San Antonio, TX 78249
PHONE: 210 492.7282 FAX/E-MAIL: 210-492.8935
DATA REPORTED TO: Cheri Kries
ADDITIONAL REPORT COPIES TO:

DATE: Oct. 20, 2010 PAGE 1 OF 1
PO #: 354758 P DHL WORK ORDER #: 1010157
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: 760 SL11 COLLECTOR:

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) ☐; TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐; GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐; VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐; SVOC 8270 ☐ HOLD PAH ☐ SVOC 625 ☐; 8081 PEST ☐ 608 PEST ☐ 8082 PCB ☐ 8270 PEST ☐ 8270 PCB ☐; 8270 O-P PEST ☐ 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐; METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐; RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ANIONS ☐ ALKALINITY ☐; CHLORIDE ☐ ANIONS ☐ VOC ☐ PEST ☐ HERB ☐; TCLP-SVOC ☐ TCLP-METALS ☐ RCRA 8 ☐ TX11 ☐ Pb ☐; RCI ☐ TOX ☐ FLASHPOINT ☐; TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐; Low Med High 500-8021 PS#

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	BTEX	MTBE	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS			FIELD NOTES
Trip Blank	07	10.20.10		W	Glass	2				X				X																
So MW-5 01	08	10.20.10	0855	S	Various	8				X			X	X	X	X											X			
GW FB-3	09	10.20.10	1630	W	Glass	3	X			X				X													X			
GW EB-4	10	10.20.10	1700	W	Glass	8	X			X			X	X	X												X			
TOTAL						21																								

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Cheri Kries	10/20/10	Shipper 1830
Fedex	10/21/10	1015

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 1.1 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx. US Airbill Express

FedEx Tracking Number 8705 3918 9606

0200 Recipients Copy

1 From
Date 10/20/10
Sender's Name R. TREEN Phone 3/6
Company SOUTHWEST ENVIRONMENTAL
Address 7118 Village Park Dept./Floor/Suite/Room
City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference HCET

3 To
Recipient's Name Phone 512 388 8229
Company DHL ANALYTICAL
HOLD Weekday Free FedEx location address below. NOT available for FedEx First Overnight.
HOLD Saturday Free FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.
Address Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address 336 Double Creek Dr
Free FedEx location address here if a HOLD option is selected.
City Round Rock State TX ZIP 78664

8705 3918 9606

4a Express Package Service * To most locations. Packages up to 150 lbs.
- [x] FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight Earlier next business morning Delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. Packages over 150 lbs.
- [ ] FedEx 1Day Freight Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.
- [ ] FedEx Envelope*
- [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options
- [ ] SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.
- [ ] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]
- [x] Sender Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 1 Total Weight 70 lbs. Total Declared Value† $ ____ .00 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

CUSTODY SEAL
DATE 10/20/10
SIGNATURE

QEC Quality Environmental Containers 800-255-3950 • 304-255-3900

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx. US Airbill Express

FedEx Tracking Number 8705 3918 9617

0200 Recipient's Copy

1 From

Date 10/20/10

Sender's Name R. GREEN Phone 210 492 7282

Company GEOSTRATA ENVIRONMENTAL

Address 4716 College PARK Dept./Floor/Suite/Room

City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference HCEI

3 To

Recipient's Name DHL ANALYTICAL Phone 512 388 8229

Company DHL Analytical

HOLD Weekday: Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday: Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 2300 Double Creek Dr. Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Print FedEx location address here if a HOLD option is selected.

City Round Rock State TX ZIP 78664

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check
- [ ] Obtain FedEx Acct.

Total Packages 1 Total Weight 110 lbs. Total Declared Value† $ ____ .00 Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

554

Rev. Date 2/09 • Part #156381 • ©1994-2009 FedEx • PRINTED IN U.S.A. SRY

8705 3918 9617

CUSTODY SEAL
DATE 10/20/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

fedex.com 1.800.GoFedEx 1.800.463.3339

DHL Analytical

Sample Receipt Checklist

Client Name Geo Strata Environmental Consultants

Date Received: 10/21/2010

Work Order Number 1010157

Received by JB

Checklist completed by: [signature] (Signature) 10/21/10 (Date)

Reviewed by SS (Initials) 10.21.10 (Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.0 °C , 1.1°
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

11/08/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 11/8/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010157
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-Custody (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			R4-02
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				R7-02
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 11/8/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010157

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			S2-02
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

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5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101022B	Prep Date:	10/21/2010
SampID:	DCS-43528	Anaysis Date:	10/22/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43528		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	7.57	20	10	75.7	50	200	

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

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DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	2.24	5	2.32	96.6	50	150	
1,1,1-Trichloroethane	2.30	5	2.32	99.1	60	140	
1,1,2,2-Tetrachloroethane	2.29	5	2.32	98.7	50	150	
1,1,2-Trichloroethane	2.17	5	2.32	93.5	40	160	
1,1,2-Trichlorotrifluoroethane	2.08	15	2.32	89.7	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	2.10	5	2.32	90.5	50	150	
1,1-Dichloropropene	2.22	5	2.32	95.7	30	170	
1,2,3-Trichlorobenzene	3.10	5	2.32	134	20	180	
1,2,3-Trichloropropane	2.16	5	2.32	93.1	20	180	
1,2,4-Trichlorobenzene	2.46	5	2.32	106	20	180	
1,2,4-Trimethylbenzene	2.26	5	2.32	97.4	20	180	
1,2-Dibromo-3-chloropropane	2.20	5	2.32	94.8	20	180	
1,2-Dibromoethane	2.26	5	2.32	97.4	40	160	
1,2-Dichlorobenzene	2.26	5	2.32	97.4	50	150	
1,2-Dichloroethane	2.39	5	2.32	103	50	150	
1,2-Dichloropropane	2.16	5	2.32	93.1	40	160	
1,3,5-Trimethylbenzene	2.27	5	2.32	97.8	20	180	
1,3-Dichlorobenzene	2.27	5	2.32	97.8	50	150	
1,3-Dichloropropane	2.39	5	2.32	103	50	150	
1,4-Dichloro-2-butene	2.07	5	2.32	89.2	20	180	
1,4-Dichlorobenzene	2.43	5	2.32	105	50	150	
1-Chlorohexane	3.23	5	2.32	139	20	180	
2,2-Dichloropropane	2.09	5	2.32	90.1	40	160	
2-Chloroethylvinylether	1.68	15	2.32	72.4	20	180	
2-Chlorotoluene	2.45	5	2.32	106	50	150	
4-Chlorotoluene	2.40	5	2.32	103	20	180	
Acrolein	4.98	50	5.8	85.9	20	200	
Acrylonitrile	4.24	10	4.64	91.4	30	170	
Benzene	2.16	5	2.32	93.1	50	150	
Bromobenzene	2.26	5	2.32	97.4	50	150	
Bromochloromethane	2.13	5	2.32	91.8	30	170	
Bromodichloromethane	2.17	5	2.32	93.5	50	150	
Bromoform	1.82	5	2.32	78.4	30	120	
Bromomethane	2.78	5	2.32	120	20	200	
Carbon disulfide	2.02	5	2.32	87.1	20	200	
Carbon tetrachloride	2.29	5	2.32	98.7	50	150	
Chlorobenzene	2.35	5	2.32	101	50	150	
Chloroethane	2.29	5	2.32	98.7	20	180	
Chloroform	2.32	5	2.32	100	50	150	
Chloromethane	2.45	5	2.32	106	40	180	
cis-1,2-Dichloroethene	2.10	5	2.32	90.5	50	150	
cis-1,3-Dichloropropene	2.03	5	2.32	87.5	40	160	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Cyclohexane	2.10	15	2.32	90.5	20	180	
Dibromochloromethane	2.04	5	2.32	87.9	40	160	
Dibromomethane	2.19	5	2.32	94.4	50	150	
Dichlorodifluoromethane	1.86	5	2.32	80.2	50	150	
Ethylbenzene	2.30	5	2.32	99.1	60	140	
Hexachlorobutadiene	2.60	5	2.32	112	20	200	
Iodomethane	2.08	5	2.32	89.7	20	200	
Isopropyl alcohol	7.06	50	5.8	122	20	200	
Isopropylbenzene	2.32	5	2.32	100	30	170	
m,p-Xylene	4.53	5	4.64	97.6	40	160	
Methyl Acetate	2.49	15	2.32	107	30	180	
Methyl tert-butyl ether	2.30	5	2.32	99.1	50	150	
Methylcyclohexane	2.11	15	2.32	90.9	20	200	
Methylene chloride	3.19	5	2.32	138	20	200	
n-Butylbenzene	2.19	5	2.32	94.4	20	180	
n-Propylbenzene	2.26	5	2.32	97.4	40	160	
Naphthalene	3.05	15	2.32	131	20	200	
o-Xylene	2.28	5	2.32	98.3	30	170	
p-Isopropyltoluene	2.22	5	2.32	95.7	20	180	
sec-Butylbenzene	2.29	5	2.32	98.7	30	170	
Styrene	2.09	5	2.32	90.1	20	200	
tert-Butylbenzene	2.33	5	2.32	100	20	180	
Tetrachloroethene	2.25	5	2.32	97.0	50	150	
Toluene	2.28	5	2.32	98.3	40	160	
Total Xylenes	6.81	5	6.96	97.8	30	170	
trans-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	
trans-1,3-Dichloropropene	1.95	5	2.32	84.1	40	160	
Trichloroethene	2.07	5	2.32	89.2	50	150	
Trichlorofluoromethane	2.33	15	2.32	100	50	150	
Vinyl acetate	5.59	15	5.8	96.4	20	200	
Vinyl chloride	2.04	5	2.32	87.9	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS2-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R50959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	2.82	15	2.32	122	40	160	
2-Hexanone	2.68	15	2.32	116	20	180	
4-Methyl-2-pentanone	2.35	15	2.32	101	50	150	
Acetone	2.25	50	2.32	97.0	20	200	

DCS REPORTING

RunID:	GCMS6_101008B	Prep Date:	10/8/2010
SampID:	DCS2-43366-PAH	Anaysis Date:	10/8/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	43366		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00395	0.01	0.01	39.5	10	200	
2-Methylnaphthalene	0.00486	0.01	0.01	48.6	10	200	
Acenaphthene	0.00743	0.01	0.01	74.3	10	200	
Acenaphthylene	0.00588	0.01	0.01	58.8	10	200	
Anthracene	0.00595	0.01	0.01	59.5	10	200	
Benzo[a]anthracene	0.00886	0.01	0.01	88.6	10	200	
Benzo[a]pyrene	0.00760	0.01	0.01	76.0	10	200	
Benzo[b]fluoranthene	0.00858	0.01	0.01	85.8	10	200	
Benzo[e]pyrene	0.00696	0.01	0.01	69.6	10	200	
Benzo[g,h,i]perylene	0.00827	0.01	0.01	82.7	10	200	
Benzo[k]fluoranthene	0.00735	0.01	0.01	73.5	10	200	
Biphenyl	0.00871	0.01	0.01	87.1	10	200	
Chrysene	0.00965	0.01	0.01	96.5	10	200	
Dibenz[a,h]anthracene	0.00966	0.01	0.01	96.6	10	200	
Fluoranthene	0.00775	0.01	0.01	77.5	10	200	
Fluorene	0.00526	0.01	0.01	52.6	10	200	
Indeno[1,2,3-cd]pyrene	0.00897	0.01	0.01	89.7	10	200	
Naphthalene	0.00770	0.01	0.01	77.0	10	200	
Phenanthrene	0.00720	0.01	0.01	72.0	10	200	
Pyrene	0.00779	0.01	0.01	77.9	10	200	
Quinoline	0.00580	0.01	0.01	58.0	10	200	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.200	1	0.232	86.2	50	150	
1,1,1-Trichloroethane	0.260	1	0.232	112	60	140	
1,1,2,2-Tetrachloroethane	0.210	1	0.232	90.5	50	150	
1,1,2-Trichloroethane	0.240	1	0.232	103	40	160	
1,1-Dichloroethane	0.270	1	0.232	116	50	150	
1,1-Dichloroethene	0.250	1	0.232	108	50	150	
1,1-Dichloropropene	0.200	1	0.232	86.2	30	170	
1,2,3-Trichloropropane	0.110	1	0.232	47.4	20	180	
1,2-Dibromoethane	0.210	1	0.232	90.5	40	160	
1,2-Dichlorobenzene	0.210	1	0.232	90.5	50	150	
1,2-Dichloropropane	0.180	1	0.232	77.6	40	160	
1,3-Dichlorobenzene	0.220	1	0.232	94.8	50	150	
1,3-Dichloropropane	0.240	1	0.232	103	50	150	
1,4-Dichlorobenzene	0.240	1	0.232	103	50	150	
2,2-Dichloropropane	0.160	1	0.232	69.0	40	160	
2-Chlorotoluene	0.240	1	0.232	103	50	150	
4-Chlorotoluene	0.220	1	0.232	94.8	20	180	
Acrylonitrile	0.150	3	0.464	32.3	30	170	
Benzene	0.300	1	0.232	129	50	150	
Bromobenzene	0.230	1	0.232	99.1	50	150	
Bromochloromethane	0.140	1	0.232	60.3	30	170	
Bromodichloromethane	0.300	1	0.232	129	50	150	
Carbon tetrachloride	0.200	1	0.232	86.2	50	150	
Chlorobenzene	0.260	1	0.232	112	50	150	
Chloroform	0.280	1	0.232	121	50	150	
Chloromethane	0.220	1	0.232	94.8	40	180	
cis-1,2-Dichloroethene	0.240	1	0.232	103	50	150	
cis-1,3-Dichloropropene	0.200	1	0.232	86.2	40	160	
Dibromochloromethane	0.330	1	0.232	142	40	160	
Dichlorodifluoromethane	0.210	1	0.232	90.5	50	150	
Ethylbenzene	0.250	1	0.232	108	60	140	
Isopropylbenzene	0.210	1	0.232	90.5	30	170	
Methyl tert-butyl ether	0.290	1	0.232	125	50	150	
n-Butylbenzene	0.200	1	0.232	86.2	20	180	
n-Propylbenzene	0.230	1	0.232	99.1	40	160	
o-Xylene	0.250	1	0.232	108	30	170	
p-Isopropyltoluene	0.190	1	0.232	81.9	20	180	
sec-Butylbenzene	0.210	1	0.232	90.5	30	170	
Styrene	0.210	1	0.232	90.5	20	200	
tert-Butylbenzene	0.220	1	0.232	94.8	20	180	
Total THMs	1.23	1	0.928	133	30	160	
Total Xylenes	0.450	1	0.696	64.7	30	170	
trans-1,2-Dichloroethene	0.260	1	0.232	112	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
trans-1,3-Dichloropropene	0.180	1	0.232	77.6	40	160	
Trichlorofluoromethane	0.250	1	0.232	108	50	150	
Vinyl chloride	0.160	1	0.232	69.0	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SamplID:	DCS2-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2-Dichloroethane	0.530	1	0.464	114	50	150	
Bromoform	0.540	1	0.464	116	30	120	
m,p-Xylene	0.930	2	0.928	100	40	160	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS3-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4-Trimethylbenzene	0.880	5	0.928	94.8	20	180	
1,3,5-Trimethylbenzene	0.890	5	0.928	95.9	20	180	
1,4-Dichloro-2-butene	0.440	2	0.928	47.4	20	180	
1-Chlorohexane	0.920	5	0.928	99.1	20	180	
Bromomethane	0.440	1	0.928	47.4	20	200	
Chloroethane	0.960	1	0.928	103	20	180	
Dibromomethane	0.710	1	0.928	76.5	50	150	
Hexachlorobutadiene	0.760	3	0.928	81.9	20	200	
Isopropyl ether (DIPE)	1.11	2	0.928	120	20	200	
Methylene chloride	1.65	2.5	0.928	178	20	200	
Tert-amyl methyl ether (TAME)	1.10	2	0.928	119	20	200	
Tert-butanol (TBA)	6.11	20	4.64	132	20	200	
Tetrachloroethene	0.900	2	0.928	97.0	50	150	
Toluene	1.10	2	0.928	119	40	160	
Trichloroethene	1.07	2	0.928	115	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS4-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	5.54	15	4.64	119	40	160	
1,2,3-Trichlorobenzene	5.19	5	4.64	112	20	180	
1,2,4-Trichlorobenzene	5.69	5	4.64	123	20	180	
1,2-Dibromo-3-chloropropane	5.83	10	4.64	126	20	180	
2-Butanone	5.82	15	4.64	125	40	160	
2-Chloroethylvinylether	5.30	15	4.64	114	20	180	
2-Hexanone	4.77	15	4.64	103	20	180	
4-Methyl-2-pentanone	4.79	15	4.64	103	50	150	
Acetone	7.97	15	4.64	172	20	200	
Carbon disulfide	5.02	15	4.64	108	20	200	
Cyclohexane	6.03	15	4.64	130	20	180	
Iodomethane	3.59	15	4.64	77.4	20	200	
Methyl Acetate	6.12	15	4.64	132	30	180	
Methylcyclohexane	4.97	15	4.64	107	20	200	
Naphthalene	5.90	15	4.64	127	20	200	

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics by GCMS (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS (soil & water)
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/21/2010. A total of 10 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R4-02

For Volatiles Analysis, the recovery of surrogate 4-Bromofluorobenzene for Sample SO-MW8-03 was slightly above the method control limits. This was flagged accordingly in the enclosed Analytical Data Report. The remaining surrogates for this sample were within the control limits. No further corrective actions were taken.

Exception Report R7-01

For TX1005 and PAH Organics Analysis, for soils, the reference samples designated for the MS/MSDs are Geostrata samples not from this workorder. An MS/MSD is not applicable for the Equipment Blank, Field Blank or Trip Blank.

Exception Report R7-02

For Volatiles Analysis, for soil batch 43549, an MS/MSD was not analyzed due to limited sample volume. An LCS/LCSD was analyzed instead.

Exception Report S2-02

For Volatiles Analysis, the recoveries of Chloroethane and Trichlorofluoromethane for the Initial Calibration Verification (ICV-101022) were slightly above the method control limits. This was flagged accordingly in the enclosed QC Summary Report. The associated LCS was within the control limits for these compounds. No further corrective actions were taken.

DHL Analytical

Date: 11/08/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010157-01	Trip Blank		10/20/10	10/21/10
1010157-02	SO-MW4-01		10/20/10 08:30 AM	10/21/10
1010157-03	SO-MW7-01		10/20/10 10:55 AM	10/21/10
1010157-04	SO-MW8-01		10/20/10 02:32 PM	10/21/10
1010157-05	SO-MW8-02		10/20/10 02:35 PM	10/21/10
1010157-06	SO-MW8-03		10/20/10 02:35 PM	10/21/10
1010157-07	Trip Blank		10/20/10	10/21/10
1010157-08	SO-MW5-01		10/20/10 08:55 AM	10/21/10
1010157-09	GW-FB-3		10/20/10 04:30 PM	10/21/10
1010157-10	GW-EB-4		10/20/10 05:00 PM	10/21/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010157-01A	Trip Blank	10/20/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010157-02A	SO-MW4-01	10/20/10 08:30 AM	Soil	SW5035	Purge and Trap 5035	10/22/10 01:35 PM	43549
1010157-02B	SO-MW4-01	10/20/10 08:30 AM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-02C	SO-MW4-01	10/20/10 08:30 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010157-02D	SO-MW4-01	10/20/10 08:30 AM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-03A	SO-MW7-01	10/20/10 10:55 AM	Soil	SW5035	Purge and Trap 5035	10/22/10 01:35 PM	43549
1010157-03B	SO-MW7-01	10/20/10 10:55 AM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-03C	SO-MW7-01	10/20/10 10:55 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010157-03D	SO-MW7-01	10/20/10 10:55 AM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-04A	SO-MW8-01	10/20/10 02:32 PM	Soil	SW5035	Purge and Trap 5035	10/22/10 01:35 PM	43549
1010157-04B	SO-MW8-01	10/20/10 02:32 PM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-04C	SO-MW8-01	10/20/10 02:32 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010157-04D	SO-MW8-01	10/20/10 02:32 PM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-05A	SO-MW8-02	10/20/10 02:35 PM	Soil	SW5035	Purge and Trap 5035	10/22/10 01:35 PM	43549
1010157-05B	SO-MW8-02	10/20/10 02:35 PM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-05C	SO-MW8-02	10/20/10 02:35 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/26/10 11:04 AM	43585
1010157-05D	SO-MW8-02	10/20/10 02:35 PM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-06A	SO-MW8-03	10/20/10 02:35 PM	Soil	SW5035	Purge and Trap 5035	10/22/10 01:35 PM	43549
1010157-06B	SO-MW8-03	10/20/10 02:35 PM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-06C	SO-MW8-03	10/20/10 02:35 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010157-06D	SO-MW8-03	10/20/10 02:35 PM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-07A	Trip Blank	10/20/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010157-08A	SO-MW5-01	10/20/10 08:55 AM	Soil	SW5035	Purge and Trap 5035	10/22/10 10:35 AM	43549
1010157-08B	SO-MW5-01	10/20/10 08:55 AM	Soil	TX1005	TX1005 Soil Prep	10/21/10 01:23 PM	43528
1010157-08C	SO-MW5-01	10/20/10 08:55 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010157-08D	SO-MW5-01	10/20/10 08:55 AM	Soil	D2216	Moisture Preparation	10/21/10 02:18 PM	43534
1010157-09A	GW-FB-3	10/20/10 04:30 PM	Field Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010157-10A	GW-EB-4	10/20/10 05:00 PM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010157-10B	GW-EB-4	10/20/10 05:00 PM	Equip Blank	TX1005	TX1005 Water Prep	10/21/10 03:34 PM	43535

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010157-10C	GW-EB-4	10/20/10 05:00 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010157-01A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 04:34 PM	GCMS7_101026A
1010157-02A	SO-MW4-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 02:07 PM	GCMS2_101022A
1010157-02B	SO-MW4-01	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 12:12 PM	GC12_101022B
1010157-02C	SO-MW4-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 07:18 PM	GCMS6_101027A
1010157-02D	SO-MW4-01	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-03A	SO-MW7-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 02:41 PM	GCMS2_101022A
1010157-03B	SO-MW7-01	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 12:38 PM	GC12_101022B
1010157-03C	SO-MW7-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 07:52 PM	GCMS6_101027A
1010157-03D	SO-MW7-01	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-04A	SO-MW8-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 03:14 PM	GCMS2_101022A
1010157-04B	SO-MW8-01	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 12:47 PM	GC12_101022B
1010157-04C	SO-MW8-01	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 08:25 PM	GCMS6_101027A
1010157-04D	SO-MW8-01	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-05A	SO-MW8-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 03:46 PM	GCMS2_101022A
1010157-05B	SO-MW8-02	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 12:56 PM	GC12_101022B
1010157-05C	SO-MW8-02	Soil	SW8270C	PAHs: GC/MS	43585	1	10/27/10 08:59 PM	GCMS6_101027A
1010157-05D	SO-MW8-02	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-06A	SO-MW8-03	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 04:20 PM	GCMS2_101022A
1010157-06B	SO-MW8-03	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 01:44 PM	GC12_101022B
1010157-06C	SO-MW8-03	Soil	SW8270C	PAHs: GC/MS	43603	1	10/27/10 09:34 PM	GCMS6_101027A
1010157-06D	SO-MW8-03	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-07A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 04:59 PM	GCMS7_101026A
1010157-08A	SO-MW5-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43549	1	10/22/10 04:52 PM	GCMS2_101022A
1010157-08B	SO-MW5-01	Soil	TX1005	Tx1005 TPH Soil	43528	1	10/22/10 01:53 PM	GC12_101022B
1010157-08C	SO-MW5-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/27/10 10:07 PM	GCMS6_101027A
1010157-08D	SO-MW5-01	Soil	D2216	Percent Moisture	43534	1	10/22/10 02:05 PM	PMOIST_101022A
1010157-09A	GW-FB-3	Field Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 05:25 PM	GCMS7_101026A
1010157-10A	GW-EB-4	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 02:52 PM	GCMS7_101026A
1010157-10B	GW-EB-4	Equip Blank	TX1005	Tx1005 TPH Water	43535	1	10/22/10 11:18 AM	GC12_101022A

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010157

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010157-10C	GW-EB-4	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 04:08 PM	GCMS6_101025A

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010157-01
Project No:	760 SL11	Collection Date:	10/20/10
Lab Order:	1010157	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 04:34 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 04:34 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
Acetone	0.00986	0.00500	0.0150	J	mg/L	1	10/26/10 04:34 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 04:34 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:34 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:34 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 04:34 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:34 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:34 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:34 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010157-01
Project No:	760 SL11	Collection Date:	10/20/10
Lab Order:	1010157	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:34 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:34 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 04:34 PM
Surr: 1,2-Dichloroethane-d4	91.5	0	72 - 119		%REC	1	10/26/10 04:34 PM
Surr: 4-Bromofluorobenzene	94.9	0	76 - 119		%REC	1	10/26/10 04:34 PM
Surr: Dibromofluoromethane	94.0	0	85 - 115		%REC	1	10/26/10 04:34 PM
Surr: Toluene-d8	103	0	81 - 120		%REC	1	10/26/10 04:34 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW4-01
Project:	Hillcrest CEI	Lab ID:	1010157-02
Project No:	760 SL11	Collection Date:	10/20/10 08:30 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.62	6.62	18.9		mg/Kg-dry	1	10/22/10 12:12 PM
T/R Hydrocarbons: >C12-C28	<6.62	6.62	18.9		mg/Kg-dry	1	10/22/10 12:12 PM
T/R Hydrocarbons: >C28-C35	<6.62	6.62	18.9		mg/Kg-dry	1	10/22/10 12:12 PM
T/R Hydrocarbons: C6-C35	<6.62	6.62	18.9		mg/Kg-dry	1	10/22/10 12:12 PM
Surr: Isopropylbenzene	93.9	0	70 - 130		%REC	1	10/22/10 12:12 PM
Surr: Octacosane	97.8	0	70 - 130		%REC	1	10/22/10 12:12 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Acenaphthylene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Anthracene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Benzo[a]anthracene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Benzo[a]pyrene	<0.0351	0.0351	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Benzo[b]fluoranthene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Benzo[g,h,i]perylene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Benzo[k]fluoranthene	<0.0351	0.0351	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Chrysene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Dibenz[a,h]anthracene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Fluoranthene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Fluorene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Naphthalene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Phenanthrene	<0.0117	0.0117	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Pyrene	<0.0234	0.0234	0.0586		mg/Kg-dry	1	10/27/10 07:18 PM
Surr: 2-Fluorobiphenyl	63.4	0	40 - 140		%REC	1	10/27/10 07:18 PM
Surr: 4-Terphenyl-d14	81.1	0	40 - 140		%REC	1	10/27/10 07:18 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,1,2-Trichlorotrifluoroethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
2-Butanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
2-Hexanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
4-Methyl-2-pentanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
Acetone	<0.0160	0.0160	0.0533		mg/Kg-dry	1	10/22/10 02:07 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW4-01
Project:	Hillcrest CEI	Lab ID:	1010157-02
Project No:	760 SL11	Collection Date:	10/20/10 08:30 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Bromodichloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Bromoform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Bromomethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Carbon disulfide	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Carbon tetrachloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Chlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Chloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Chloroform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Chloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Cyclohexane	<0.00533	0.00533	0.0160	N	mg/Kg-dry	1	10/22/10 02:07 PM
Dibromochloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Ethylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Isopropylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
m,p-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Methyl Acetate	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Methylcyclohexane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
Methylene chloride	<0.00533	0.00533	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
o-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Styrene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Tetrachloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Toluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Trichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Trichlorofluoromethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/22/10 02:07 PM
Vinyl chloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/22/10 02:07 PM
Surr: 1,2-Dichloroethane-d4	112	0	52 - 149		%REC	1	10/22/10 02:07 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/22/10 02:07 PM
Surr: Dibromofluoromethane	99.7	0	65 - 135		%REC	1	10/22/10 02:07 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/22/10 02:07 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	15.0	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW7-01
Project:	Hillcrest CEI	Lab ID:	1010157-03
Project No:	760 SL11	Collection Date:	10/20/10 10:55 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.35	6.35	18.2		mg/Kg-dry	1	10/22/10 12:38 PM
T/R Hydrocarbons: >C12-C28	<6.35	6.35	18.2		mg/Kg-dry	1	10/22/10 12:38 PM
T/R Hydrocarbons: >C28-C35	<6.35	6.35	18.2		mg/Kg-dry	1	10/22/10 12:38 PM
T/R Hydrocarbons: C6-C35	<6.35	6.35	18.2		mg/Kg-dry	1	10/22/10 12:38 PM
Surr: Isopropylbenzene	97.9	0	70 - 130		%REC	1	10/22/10 12:38 PM
Surr: Octacosane	97.0	0	70 - 130		%REC	1	10/22/10 12:38 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Acenaphthylene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Anthracene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Benzo[a]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Benzo[a]pyrene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Benzo[b]fluoranthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Benzo[g,h,i]perylene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Benzo[k]fluoranthene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Chrysene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Dibenz[a,h]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Fluoranthene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Fluorene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Naphthalene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Phenanthrene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Pyrene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/27/10 07:52 PM
Surr: 2-Fluorobiphenyl	60.9	0	40 - 140		%REC	1	10/27/10 07:52 PM
Surr: 4-Terphenyl-d14	75.3	0	40 - 140		%REC	1	10/27/10 07:52 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,1,2,2-Tetrachloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,1,2-Trichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,1,2-Trichlorotrifluoroethane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
1,1-Dichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,1-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2,4-Trichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2-Dibromo-3-chloropropane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2-Dibromoethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2-Dichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,2-Dichloropropane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,3-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
1,4-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
2-Butanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
2-Hexanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
4-Methyl-2-pentanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
Acetone	<0.0146	0.0146	0.0487		mg/Kg-dry	1	10/22/10 02:41 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW7-01
Project:	Hillcrest CEI	Lab ID:	1010157-03
Project No:	760 SL11	Collection Date:	10/20/10 10:55 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Bromodichloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Bromoform	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Bromomethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Carbon disulfide	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Carbon tetrachloride	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Chlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Chloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Chloroform	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Chloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
cis-1,2-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
cis-1,3-Dichloropropene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Cyclohexane	<0.00487	0.00487	0.0146	N	mg/Kg-dry	1	10/22/10 02:41 PM
Dibromochloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Dichlorodifluoromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Ethylbenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Isopropylbenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
m,p-Xylene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Methyl Acetate	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
Methyl tert-butyl ether	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Methylcyclohexane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
Methylene chloride	<0.00487	0.00487	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
o-Xylene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Styrene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Tetrachloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Toluene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
trans-1,2-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
trans-1,3-Dichloropropene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Trichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Trichlorofluoromethane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/22/10 02:41 PM
Vinyl chloride	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/22/10 02:41 PM
Surr: 1,2-Dichloroethane-d4	114	0	52 - 149		%REC	1	10/22/10 02:41 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/22/10 02:41 PM
Surr: Dibromofluoromethane	99.9	0	65 - 135		%REC	1	10/22/10 02:41 PM
Surr: Toluene-d8	105	0	84 - 116		%REC	1	10/22/10 02:41 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.6	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-01
Project:	Hillcrest CEI	Lab ID:	1010157-04
Project No:	760 SL11	Collection Date:	10/20/10 02:32 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.55	6.55	18.7		mg/Kg-dry	1	10/22/10 12:47 PM
T/R Hydrocarbons: >C12-C28	<6.55	6.55	18.7		mg/Kg-dry	1	10/22/10 12:47 PM
T/R Hydrocarbons: >C28-C35	<6.55	6.55	18.7		mg/Kg-dry	1	10/22/10 12:47 PM
T/R Hydrocarbons: C6-C35	<6.55	6.55	18.7		mg/Kg-dry	1	10/22/10 12:47 PM
Surr: Isopropylbenzene	99.5	0	70 - 130		%REC	1	10/22/10 12:47 PM
Surr: Octacosane	99.1	0	70 - 130		%REC	1	10/22/10 12:47 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Acenaphthylene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Anthracene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Benzo[a]anthracene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Benzo[a]pyrene	<0.0367	0.0367	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Benzo[b]fluoranthene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Benzo[g,h,i]perylene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Benzo[k]fluoranthene	<0.0367	0.0367	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Chrysene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Dibenz[a,h]anthracene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Fluoranthene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Fluorene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Indeno[1,2,3-cd]pyrene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Naphthalene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Phenanthrene	<0.0122	0.0122	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Pyrene	<0.0245	0.0245	0.0612		mg/Kg-dry	1	10/27/10 08:25 PM
Surr: 2-Fluorobiphenyl	62.8	0	40 - 140		%REC	1	10/27/10 08:25 PM
Surr: 4-Terphenyl-d14	77.1	0	40 - 140		%REC	1	10/27/10 08:25 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,1,2-Trichlorotrifluoroethane	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
1,1-Dichloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,1-Dichloroethene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2-Dibromoethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2-Dichloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,2-Dichloropropane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
2-Butanone	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
2-Hexanone	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
4-Methyl-2-pentanone	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
Acetone	<0.0158	0.0158	0.0525		mg/Kg-dry	1	10/22/10 03:14 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-01
Project:	Hillcrest CEI	Lab ID:	1010157-04
Project No:	760 SL11	Collection Date:	10/20/10 02:32 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Bromodichloromethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Bromoform	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Bromomethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Carbon disulfide	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Carbon tetrachloride	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Chlorobenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Chloroethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Chloroform	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Chloromethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Cyclohexane	<0.00525	0.00525	0.0158	N	mg/Kg-dry	1	10/22/10 03:14 PM
Dibromochloromethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Dichlorodifluoromethane	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Ethylbenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Isopropylbenzene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
m,p-Xylene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Methyl Acetate	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
Methyl tert-butyl ether	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Methylcyclohexane	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
Methylene chloride	<0.00525	0.00525	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
o-Xylene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Styrene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Tetrachloroethene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Toluene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Trichloroethene	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Trichlorofluoromethane	<0.00525	0.00525	0.0158		mg/Kg-dry	1	10/22/10 03:14 PM
Vinyl chloride	<0.00105	0.00105	0.00525		mg/Kg-dry	1	10/22/10 03:14 PM
Surr: 1,2-Dichloroethane-d4	118	0	52 - 149		%REC	1	10/22/10 03:14 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/22/10 03:14 PM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/22/10 03:14 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/22/10 03:14 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.9	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-02
Project:	Hillcrest CEI	Lab ID:	1010157-05
Project No:	760 SL11	Collection Date:	10/20/10 02:35 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.19	8.19	23.4		mg/Kg-dry	1	10/22/10 12:56 PM
T/R Hydrocarbons: >C12-C28	<8.19	8.19	23.4		mg/Kg-dry	1	10/22/10 12:56 PM
T/R Hydrocarbons: >C28-C35	<8.19	8.19	23.4		mg/Kg-dry	1	10/22/10 12:56 PM
T/R Hydrocarbons: C6-C35	<8.19	8.19	23.4		mg/Kg-dry	1	10/22/10 12:56 PM
Surr: Isopropylbenzene	97.8	0	70 - 130		%REC	1	10/22/10 12:56 PM
Surr: Octacosane	96.9	0	70 - 130		%REC	1	10/22/10 12:56 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Acenaphthylene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Anthracene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Benzo[a]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Benzo[a]pyrene	<0.0387	0.0387	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Benzo[b]fluoranthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Benzo[g,h,i]perylene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Benzo[k]fluoranthene	<0.0387	0.0387	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Chrysene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Dibenz[a,h]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Fluoranthene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Fluorene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Indeno[1,2,3-cd]pyrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Naphthalene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Phenanthrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Pyrene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/27/10 08:59 PM
Surr: 2-Fluorobiphenyl	63.3	0	40 - 140		%REC	1	10/27/10 08:59 PM
Surr: 4-Terphenyl-d14	76.6	0	40 - 140		%REC	1	10/27/10 08:59 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,1,2,2-Tetrachloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,1,2-Trichloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,1,2-Trichlorotrifluoroethane	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
1,1-Dichloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,1-Dichloroethene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2,4-Trichlorobenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2-Dibromo-3-chloropropane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2-Dibromoethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2-Dichlorobenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2-Dichloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,2-Dichloropropane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,3-Dichlorobenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
1,4-Dichlorobenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
2-Butanone	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
2-Hexanone	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
4-Methyl-2-pentanone	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
Acetone	<0.0179	0.0179	0.0598		mg/Kg-dry	1	10/22/10 03:46 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-02
Project:	Hillcrest CEI	Lab ID:	1010157-05
Project No:	760 SL11	Collection Date:	10/20/10 02:35 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Bromodichloromethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Bromoform	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Bromomethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Carbon disulfide	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Carbon tetrachloride	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Chlorobenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Chloroethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Chloroform	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Chloromethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
cis-1,2-Dichloroethene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
cis-1,3-Dichloropropene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Cyclohexane	<0.00598	0.00598	0.0179	N	mg/Kg-dry	1	10/22/10 03:46 PM
Dibromochloromethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Dichlorodifluoromethane	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Ethylbenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Isopropylbenzene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
m,p-Xylene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Methyl Acetate	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
Methyl tert-butyl ether	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Methylcyclohexane	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
Methylene chloride	<0.00598	0.00598	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
o-Xylene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Styrene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Tetrachloroethene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Toluene	0.00188	0.00120	0.00598	J	mg/Kg-dry	1	10/22/10 03:46 PM
trans-1,2-Dichloroethene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
trans-1,3-Dichloropropene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Trichloroethene	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Trichlorofluoromethane	<0.00598	0.00598	0.0179		mg/Kg-dry	1	10/22/10 03:46 PM
Vinyl chloride	<0.00120	0.00120	0.00598		mg/Kg-dry	1	10/22/10 03:46 PM
Surr: 1,2-Dichloroethane-d4	117	0	52 - 149		%REC	1	10/22/10 03:46 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/22/10 03:46 PM
Surr: Dibromofluoromethane	97.4	0	65 - 135		%REC	1	10/22/10 03:46 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/22/10 03:46 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	27.0	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-03
Project:	Hillcrest CEI	Lab ID:	1010157-06
Project No:	760 SL11	Collection Date:	10/20/10 02:35 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.34	6.34	18.1		mg/Kg-dry	1	10/22/10 01:44 PM
T/R Hydrocarbons: >C12-C28	<6.34	6.34	18.1		mg/Kg-dry	1	10/22/10 01:44 PM
T/R Hydrocarbons: >C28-C35	<6.34	6.34	18.1		mg/Kg-dry	1	10/22/10 01:44 PM
T/R Hydrocarbons: C6-C35	<6.34	6.34	18.1		mg/Kg-dry	1	10/22/10 01:44 PM
Surr: Isopropylbenzene	94.2	0	70 - 130		%REC	1	10/22/10 01:44 PM
Surr: Octacosane	103	0	70 - 130		%REC	1	10/22/10 01:44 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Acenaphthylene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Anthracene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Benzo[a]anthracene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Benzo[a]pyrene	<0.0358	0.0358	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Benzo[b]fluoranthene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Benzo[g,h,i]perylene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Benzo[k]fluoranthene	<0.0358	0.0358	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Chrysene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Dibenz[a,h]anthracene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Fluoranthene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Fluorene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Indeno[1,2,3-cd]pyrene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Naphthalene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Phenanthrene	<0.0119	0.0119	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Pyrene	<0.0238	0.0238	0.0596		mg/Kg-dry	1	10/27/10 09:34 PM
Surr: 2-Fluorobiphenyl	54.3	0	40 - 140		%REC	1	10/27/10 09:34 PM
Surr: 4-Terphenyl-d14	69.9	0	40 - 140		%REC	1	10/27/10 09:34 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,1,2,2-Tetrachloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,1,2-Trichloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,1,2-Trichlorotrifluoroethane	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
1,1-Dichloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,1-Dichloroethene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2,4-Trichlorobenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2-Dibromo-3-chloropropane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2-Dibromoethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2-Dichlorobenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2-Dichloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,2-Dichloropropane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,3-Dichlorobenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
1,4-Dichlorobenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
2-Butanone	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
2-Hexanone	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
4-Methyl-2-pentanone	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
Acetone	<0.0177	0.0177	0.0589		mg/Kg-dry	1	10/22/10 04:20 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW8-03
Project:	Hillcrest CEI	Lab ID:	1010157-06
Project No:	760 SL11	Collection Date:	10/20/10 02:35 PM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Bromodichloromethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Bromoform	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Bromomethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Carbon disulfide	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Carbon tetrachloride	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Chlorobenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Chloroethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Chloroform	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Chloromethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
cis-1,2-Dichloroethene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
cis-1,3-Dichloropropene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Cyclohexane	<0.00589	0.00589	0.0177	N	mg/Kg-dry	1	10/22/10 04:20 PM
Dibromochloromethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Dichlorodifluoromethane	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Ethylbenzene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Isopropylbenzene	0.00166	0.00118	0.00589	J	mg/Kg-dry	1	10/22/10 04:20 PM
m,p-Xylene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Methyl Acetate	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
Methyl tert-butyl ether	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Methylcyclohexane	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
Methylene chloride	<0.00589	0.00589	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
o-Xylene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Styrene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Tetrachloroethene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Toluene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
trans-1,2-Dichloroethene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
trans-1,3-Dichloropropene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Trichloroethene	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Trichlorofluoromethane	<0.00589	0.00589	0.0177		mg/Kg-dry	1	10/22/10 04:20 PM
Vinyl chloride	<0.00118	0.00118	0.00589		mg/Kg-dry	1	10/22/10 04:20 PM
Surr: 1,2-Dichloroethane-d4	116	0	52 - 149		%REC	1	10/22/10 04:20 PM
Surr: 4-Bromofluorobenzene	121	0	84 - 118	S	%REC	1	10/22/10 04:20 PM
Surr: Dibromofluoromethane	98.3	0	65 - 135		%REC	1	10/22/10 04:20 PM
Surr: Toluene-d8	101	0	84 - 116		%REC	1	10/22/10 04:20 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.6	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010157-07
Project No:	760 SL11	Collection Date:	10/20/10
Lab Order:	1010157	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 04:59 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 04:59 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 04:59 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:59 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 04:59 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 04:59 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 04:59 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:59 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:59 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010157-07
Project No:	760 SL11	Collection Date:	10/20/10
Lab Order:	1010157	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 04:59 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 04:59 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 04:59 PM
Surr: 1,2-Dichloroethane-d4	91.4	0	72 - 119		%REC	1	10/26/10 04:59 PM
Surr: 4-Bromofluorobenzene	95.3	0	76 - 119		%REC	1	10/26/10 04:59 PM
Surr: Dibromofluoromethane	93.3	0	85 - 115		%REC	1	10/26/10 04:59 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 04:59 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW5-01
Project:	Hillcrest CEI	Lab ID:	1010157-08
Project No:	760 SL11	Collection Date:	10/20/10 08:55 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.46	8.46	24.2		mg/Kg-dry	1	10/22/10 01:53 PM
T/R Hydrocarbons: >C12-C28	<8.46	8.46	24.2		mg/Kg-dry	1	10/22/10 01:53 PM
T/R Hydrocarbons: >C28-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/22/10 01:53 PM
T/R Hydrocarbons: C6-C35	<8.46	8.46	24.2		mg/Kg-dry	1	10/22/10 01:53 PM
Surr: Isopropylbenzene	94.8	0	70 - 130		%REC	1	10/22/10 01:53 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/22/10 01:53 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Acenaphthylene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Anthracene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Benzo[a]anthracene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Benzo[a]pyrene	<0.0348	0.0348	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Benzo[b]fluoranthene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Benzo[g,h,i]perylene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Benzo[k]fluoranthene	<0.0348	0.0348	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Chrysene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Dibenz[a,h]anthracene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Fluoranthene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Fluorene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Indeno[1,2,3-cd]pyrene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Naphthalene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Phenanthrene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Pyrene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/27/10 10:07 PM
Surr: 2-Fluorobiphenyl	54.7	0	40 - 140		%REC	1	10/27/10 10:07 PM
Surr: 4-Terphenyl-d14	74.8	0	40 - 140		%REC	1	10/27/10 10:07 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,1,2,2-Tetrachloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,1,2-Trichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,1,2-Trichlorotrifluoroethane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
1,1-Dichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,1-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2,4-Trichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2-Dibromo-3-chloropropane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2-Dibromoethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2-Dichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,2-Dichloropropane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,3-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
1,4-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
2-Butanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
2-Hexanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
4-Methyl-2-pentanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
Acetone	<0.0168	0.0168	0.0561		mg/Kg-dry	1	10/22/10 04:52 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-MW5-01
Project:	Hillcrest CEI	Lab ID:	1010157-08
Project No:	760 SL11	Collection Date:	10/20/10 08:55 AM
Lab Order:	1010157	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Bromodichloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Bromoform	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Bromomethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Carbon disulfide	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Carbon tetrachloride	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Chlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Chloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Chloroform	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Chloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
cis-1,2-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
cis-1,3-Dichloropropene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Cyclohexane	<0.00561	0.00561	0.0168	N	mg/Kg-dry	1	10/22/10 04:52 PM
Dibromochloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Dichlorodifluoromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Ethylbenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Isopropylbenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
m,p-Xylene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Methyl Acetate	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
Methyl tert-butyl ether	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Methylcyclohexane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
Methylene chloride	<0.00561	0.00561	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
o-Xylene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Styrene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Tetrachloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Toluene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
trans-1,2-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
trans-1,3-Dichloropropene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Trichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Trichlorofluoromethane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/22/10 04:52 PM
Vinyl chloride	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/22/10 04:52 PM
Surr: 1,2-Dichloroethane-d4	118	0	52 - 149		%REC	1	10/22/10 04:52 PM
Surr: 4-Bromofluorobenzene	107	0	84 - 118		%REC	1	10/22/10 04:52 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/22/10 04:52 PM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/22/10 04:52 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.4	0	0		WT%	1	10/22/10 02:05 PM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-3
Project:	Hillcrest CEI	Lab ID:	1010157-09
Project No:	760 SL11	Collection Date:	10/20/10 04:30 PM
Lab Order:	1010157	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 05:25 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 05:25 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
Chloroform	0.000410	0.000300	0.00100	J	mg/L	1	10/26/10 05:25 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 05:25 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 05:25 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 05:25 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 05:25 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 05:25 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 05:25 PM
Toluene	0.000630	0.000600	0.00200	J	mg/L	1	10/26/10 05:25 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-3
Project:	Hillcrest CEI	Lab ID:	1010157-09
Project No:	760 SL11	Collection Date:	10/20/10 04:30 PM
Lab Order:	1010157	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 05:25 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 05:25 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 05:25 PM
Surr: 1,2-Dichloroethane-d4	91.7	0	72 - 119		%REC	1	10/26/10 05:25 PM
Surr: 4-Bromofluorobenzene	95.4	0	76 - 119		%REC	1	10/26/10 05:25 PM
Surr: Dibromofluoromethane	93.8	0	85 - 115		%REC	1	10/26/10 05:25 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 05:25 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-4
Project:	Hillcrest CEI	Lab ID:	1010157-10
Project No:	760 SL11	Collection Date:	10/20/10 05:00 PM
Lab Order:	1010157	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.678	0.678	1.94		mg/L	1	10/22/10 11:18 AM
T/R Hydrocarbons: >C12-C28	<0.678	0.678	1.94		mg/L	1	10/22/10 11:18 AM
T/R Hydrocarbons: >C28-C35	<0.678	0.678	1.94		mg/L	1	10/22/10 11:18 AM
T/R Hydrocarbons: C6-C35	<0.678	0.678	1.94		mg/L	1	10/22/10 11:18 AM
Surr: Isopropylbenzene	104	0	70 - 130		%REC	1	10/22/10 11:18 AM
Surr: Octacosane	96.8	0	70 - 130		%REC	1	10/22/10 11:18 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 04:08 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:08 PM
Surr: 2-Fluorobiphenyl	53.5	0	40 - 140		%REC	1	10/25/10 04:08 PM
Surr: 4-Terphenyl-d14	71.6	0	40 - 140		%REC	1	10/25/10 04:08 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 02:52 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 02:52 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/08/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-4
Project:	Hillcrest CEI	Lab ID:	1010157-10
Project No:	760 SL11	Collection Date:	10/20/10 05:00 PM
Lab Order:	1010157	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
Chloroform	0.000380	0.000300	0.00100	J	mg/L	1	10/26/10 02:52 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 02:52 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:52 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:52 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 02:52 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:52 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:52 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:52 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:52 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:52 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 02:52 PM
Surr: 1,2-Dichloroethane-d4	91.4	0	72 - 119		%REC	1	10/26/10 02:52 PM
Surr: 4-Bromofluorobenzene	95.1	0	76 - 119		%REC	1	10/26/10 02:52 PM
Surr: Dibromofluoromethane	93.6	0	85 - 115		%REC	1	10/26/10 02:52 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 02:52 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	LCS-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:02 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.6	2.00	25.00	0	94.2	75	125			
Surr: Isopropylbenzene		2.47		2.500		98.9	70	130			
Surr: Octacosane		2.49		2.500		99.5	70	130			

Sample ID:	LCSD-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:11 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.3	2.00	25.00	0	93.0	75	125	1.29	20	
Surr: Isopropylbenzene		2.43		2.500		97.4	70	130	0	0	
Surr: Octacosane		2.48		2.500		99.1	70	130	0	0	

Sample ID:	MB-43535	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101022A		Analysis Date:		10/22/10 09:20 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.48		2.500		99.3	70	130			
Surr: Octacosane		2.53		2.500		101	70	130			

Sample ID:	1010155-03BMS	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:14 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.4	1.95	24.33	0	87.8	75	125			
Surr: Isopropylbenzene		2.36		2.433		97.1	70	130			
Surr: Octacosane		2.38		2.433		97.7	70	130			

Sample ID:	1010155-03BMSD	Batch ID:	43535		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:23 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.0	1.96	24.46	0	90.1	75	125	3.02	20	
Surr: Isopropylbenzene		2.46		2.446		101	70	130	0	0	
Surr: Octacosane		2.41		2.446		98.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022A

Sample ID:	ICV-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	ICV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 08:54 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		1030	2.00	1000	0	103	75	125			
Surr: Isopropylbenzene		52.6		50.00		105	70	130			
Surr: Octacosane		50.3		50.00		101	70	130			

Sample ID:	CCV1-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 10:32 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		499	2.00	500.0	0	99.9	75	125			
Surr: Isopropylbenzene		26.2		25.00		105	70	130			
Surr: Octacosane		24.6		25.00		98.3	70	130			

Sample ID:	CCV2-101022	Batch ID:	R51919		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101022A		Analysis Date:		10/22/10 11:27 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		509	2.00	500.0	0	102	75	125			
Surr: Isopropylbenzene		26.8		25.00		107	70	130			
Surr: Octacosane		25.2		25.00		101	70	130			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022B

Sample ID:	LCS-43528	Batch ID:	43528		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCS	Run ID:	GC12_101022B		Analysis Date:		10/22/10 11:36 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		266	20.0	250.0	0	106	75	125			
Surr: Isopropylbenzene		25.6		25.00		103	70	130			
Surr: Octacosane		24.0		25.00		96.0	70	130			

Sample ID:	LCSD-43528	Batch ID:	43528		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCSD	Run ID:	GC12_101022B		Analysis Date:		10/22/10 11:45 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		258	20.0	250.0	0	103	75	125	2.98	50	
Surr: Isopropylbenzene		25.1		25.00		100	70	130	0	0	
Surr: Octacosane		23.7		25.00		95.0	70	130	0	0	

Sample ID:	MB-43528	Batch ID:	43528		TestNo:		TX1005		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC12_101022B		Analysis Date:		10/22/10 11:54 AM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<7.00	20.0								
T/R Hydrocarbons: >C12-C28		<7.00	20.0								
T/R Hydrocarbons: >C28-C35		<7.00	20.0								
T/R Hydrocarbons: C6-C35		<7.00	20.0								
Surr: Isopropylbenzene		24.2		25.00		96.7	70	130			
Surr: Octacosane		23.7		25.00		94.9	70	130			

Sample ID:	1010157-02B-MS	Batch ID:	43528		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC12_101022B		Analysis Date:		10/22/10 12:21 PM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		211	17.2	214.8	0	98.3	75	125			
Surr: Isopropylbenzene		20.4		21.48		95.1	70	130			
Surr: Octacosane		20.3		21.48		94.4	70	130			

Sample ID:	1010157-02B-MSD	Batch ID:	43528		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC12_101022B		Analysis Date:		10/22/10 12:29 PM		Prep Date:		10/21/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		233	18.1	226.2	0	103	75	125	9.82	50	
Surr: Isopropylbenzene		21.6		22.62		95.4	70	130	0	0	
Surr: Octacosane		21.7		22.62		95.8	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101022B

Sample ID:	ICV-101022	Batch ID:	R51927		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101022B		Analysis Date:		10/22/10 08:54 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		1030	20.0	1000	0	103	75	125			
Surr: Isopropylbenzene		52.6		50.00		105	70	130			
Surr: Octacosane		50.3		50.00		101	70	130			

Sample ID:	CCV2-101022	Batch ID:	R51927		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101022B		Analysis Date:		10/22/10 11:27 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		509	20.0	500.0	0	102	75	125			
Surr: Isopropylbenzene		26.8		25.00		107	70	130			
Surr: Octacosane		25.2		25.00		101	70	130			

Sample ID:	CCV3-101022	Batch ID:	R51927		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101022B		Analysis Date:		10/22/10 01:35 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		430	20.0	500.0	0	86.1	75	125			
Surr: Isopropylbenzene		21.9		25.00		87.5	70	130			
Surr: Octacosane		20.5		25.00		82.1	70	130			

Sample ID:	CCV4-101022	Batch ID:	R51927		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101022B		Analysis Date:		10/22/10 02:34 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		491	20.0	500.0	0	98.2	75	125			
Surr: Isopropylbenzene		24.8		25.00		99.1	70	130			
Surr: Octacosane		25.7		25.00		103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	1010173-25CMS	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:32 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00302	0.0000500	0.00400	0	75.5	50	110			
Acenaphthylene	0.00332	0.0000500	0.00400	0	82.9	55	110			
Anthracene	0.00325	0.0000500	0.00400	0	81.2	44	110			
Benzo[a]anthracene	0.00380	0.0000500	0.00400	0	95.1	48	115			
Benzo[a]pyrene	0.00381	0.0000500	0.00400	0	95.1	53	112			
Benzo[b]fluoranthene	0.00396	0.0000500	0.00400	0	99.0	52	117			
Benzo[g,h,i]perylene	0.00417	0.0000500	0.00400	0	104	60	114			
Benzo[k]fluoranthene	0.00378	0.0000500	0.00400	0	94.4	53	124			
Chrysene	0.00366	0.0000500	0.00400	0	91.5	54	122			
Dibenz[a,h]anthracene	0.00409	0.0000100	0.00400	0	102	51	120			
Fluoranthene	0.00361	0.0000500	0.00400	0	90.3	40	126			
Fluorene	0.00339	0.0000500	0.00400	0	84.7	54	110			
Indeno[1,2,3-cd]pyrene	0.00408	0.0000500	0.00400	0	102	57	116			
Naphthalene	0.00280	0.0000500	0.00400	0	70.1	44	110			
Phenanthrene	0.00320	0.0000500	0.00400	0	79.9	51	114			
Pyrene	0.00381	0.0000500	0.00400	0	95.2	53	120			
Surr: 2-Fluorobiphenyl	4.72		8.000		59.0	40	140			
Surr: 4-Terphenyl-d14	5.36		8.000		67.0	40	140			

Sample ID:	1010173-25CMSD	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MSD	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 12:02 PM	Prep Date:	10/25/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00312	0.0000500	0.00400	0	78.1	50	110	3.40	30	
Acenaphthylene	0.00349	0.0000500	0.00400	0	87.2	55	110	4.96	30	
Anthracene	0.00318	0.0000500	0.00400	0	79.5	44	110	2.07	30	
Benzo[a]anthracene	0.00383	0.0000500	0.00400	0	95.8	48	115	0.757	30	
Benzo[a]pyrene	0.00384	0.0000500	0.00400	0	96.0	53	112	0.933	30	
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	52	117	0.605	30	
Benzo[g,h,i]perylene	0.00410	0.0000500	0.00400	0	103	60	114	1.54	30	
Benzo[k]fluoranthene	0.00380	0.0000500	0.00400	0	95.0	53	124	0.631	30	
Chrysene	0.00375	0.0000500	0.00400	0	93.8	54	122	2.49	30	
Dibenz[a,h]anthracene	0.00398	0.0000100	0.00400	0	99.4	51	120	2.81	30	
Fluoranthene	0.00355	0.0000500	0.00400	0	88.7	40	126	1.78	30	
Fluorene	0.00342	0.0000500	0.00400	0	85.5	54	110	1.01	30	
Indeno[1,2,3-cd]pyrene	0.00398	0.0000500	0.00400	0	99.5	57	116	2.56	30	
Naphthalene	0.00318	0.0000500	0.00400	0	79.5	44	110	12.6	30	
Phenanthrene	0.00315	0.0000500	0.00400	0	78.7	51	114	1.54	30	
Pyrene	0.00383	0.0000500	0.00400	0	95.7	53	120	0.443	30	
Surr: 2-Fluorobiphenyl	4.49		8.000		56.1	40	140	0	0	
Surr: 4-Terphenyl-d14	5.07		8.000		63.4	40	140	0	0	

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958	TestNo:	SW8270C		Units:	mg/L	
SampType:	ICV	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 10:30 AM		Prep Date:		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene	2.06	0.0000500	2.00	0	103	80	120			
Anthracene	1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene	2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene	1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene	2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene	2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene	1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene	1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene	2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene	2.12	0.0000500	2.00	0	106	80	120			
Fluorene	1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene	2.09	0.0000500	2.00	0	104	80	120			
Naphthalene	1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene	1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene	2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl	1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14	1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Sample ID:	LCS-43585	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 04:41 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.777	0.0500	1.000	0	77.7	56	114			
Acenaphthylene	0.853	0.0500	1.000	0	85.3	56	116			
Anthracene	0.821	0.0500	1.000	0	82.1	40	113			
Benzo[a]anthracene	0.945	0.0500	1.000	0	94.5	52	108			
Benzo[a]pyrene	0.913	0.0500	1.000	0	91.3	48	115			
Benzo[b]fluoranthene	0.996	0.0500	1.000	0	99.6	43	115			
Benzo[g,h,i]perylene	1.02	0.0500	1.000	0	102	47	123			
Benzo[k]fluoranthene	0.885	0.0500	1.000	0	88.5	54	118			
Chrysene	0.948	0.0500	1.000	0	94.8	56	115			
Dibenz[a,h]anthracene	0.993	0.0500	1.000	0	99.3	43	120			
Fluoranthene	0.902	0.0500	1.000	0	90.2	41	108			
Fluorene	0.831	0.0500	1.000	0	83.1	47	128			
Indeno[1,2,3-cd]pyrene	0.994	0.0500	1.000	0	99.4	46	119			
Naphthalene	0.807	0.0500	1.000	0	80.7	55	113			
Phenanthrene	0.797	0.0500	1.000	0	79.7	55	114			
Pyrene	0.956	0.0500	1.000	0	95.6	42	125			
Surr: 2-Fluorobiphenyl	2.81		4.000		70.2	40	140			
Surr: 4-Terphenyl-d14	3.59		4.000		89.8	40	140			

Sample ID:	1010145-15CMS	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 05:18 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.895	0.0578	1.156	0	77.4	56	114			
Acenaphthylene	0.970	0.0578	1.156	0	83.9	56	116			
Anthracene	0.925	0.0578	1.156	0	80.0	40	113			
Benzo[a]anthracene	1.07	0.0578	1.156	0	92.2	52	108			
Benzo[a]pyrene	1.01	0.0578	1.156	0	87.3	48	115			
Benzo[b]fluoranthene	1.08	0.0578	1.156	0	93.1	43	115			
Benzo[g,h,i]perylene	1.08	0.0578	1.156	0	93.8	47	123			
Benzo[k]fluoranthene	0.934	0.0578	1.156	0	80.8	54	118			
Chrysene	1.03	0.0578	1.156	0	89.2	56	115			
Dibenz[a,h]anthracene	1.09	0.0578	1.156	0	94.0	43	120			
Fluoranthene	1.01	0.0578	1.156	0	87.2	41	108			
Fluorene	0.948	0.0578	1.156	0	82.0	47	128			
Indeno[1,2,3-cd]pyrene	1.08	0.0578	1.156	0	93.4	46	119			
Naphthalene	0.913	0.0578	1.156	0	78.9	55	113			
Phenanthrene	0.896	0.0578	1.156	0	77.5	55	114			
Pyrene	1.09	0.0578	1.156	0	94.4	42	125			
Surr: 2-Fluorobiphenyl	3.02		4.626		65.3	40	140			
Surr: 4-Terphenyl-d14	3.66		4.626		79.1	40	140			

Sample ID:	1010145-15CMSD	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 05:49 PM	Prep Date:	10/26/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.884	0.0582	1.164	0	75.9	56	114	1.24	30	
Acenaphthylene	0.973	0.0582	1.164	0	83.6	56	116	0.290	30	
Anthracene	0.930	0.0582	1.164	0	79.8	40	113	0.491	30	
Benzo[a]anthracene	1.09	0.0582	1.164	0	93.9	52	108	2.47	30	
Benzo[a]pyrene	1.02	0.0582	1.164	0	87.4	48	115	0.755	30	
Benzo[b]fluoranthene	1.08	0.0582	1.164	0	92.5	43	115	0.070	30	
Benzo[g,h,i]perylene	1.10	0.0582	1.164	0	94.5	47	123	1.49	30	
Benzo[k]fluoranthene	1.02	0.0582	1.164	0	87.6	54	118	8.79	30	
Chrysene	1.05	0.0582	1.164	0	90.5	56	115	2.18	30	
Dibenz[a,h]anthracene	1.09	0.0582	1.164	0	93.6	43	120	0.213	30	
Fluoranthene	1.03	0.0582	1.164	0	88.1	41	108	1.67	30	
Fluorene	0.949	0.0582	1.164	0	81.5	47	128	0.122	30	
Indeno[1,2,3-cd]pyrene	1.11	0.0582	1.164	0	95.1	46	119	2.48	30	
Naphthalene	0.903	0.0582	1.164	0	77.6	55	113	1.08	30	
Phenanthrene	0.911	0.0582	1.164	0	78.2	55	114	1.57	30	
Pyrene	1.11	0.0582	1.164	0	95.0	42	125	1.23	30	
Surr: 2-Fluorobiphenyl	3.03		4.657		65.0	40	140	0	0	
Surr: 4-Terphenyl-d14	3.66		4.657		78.5	40	140	0	0	

Sample ID:	MB-43585	Batch ID:	43585	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101026A	Analysis Date:	10/27/10 10:11 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.70		4.000		67.6	40	140			
Surr: 4-Terphenyl-d14	3.48		4.000		87.0	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101026A

Sample ID:	ICV-101026	Batch ID:	R51995	TestNo:	SW8270C	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS6_101026A	Analysis Date:	10/26/10 04:06 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.92	0.0500	2.000	0	96.0	80	120			
Acenaphthylene	2.10	0.0500	2.000	0	105	80	120			
Anthracene	1.92	0.0500	2.000	0	95.9	80	120			
Benzo[a]anthracene	2.02	0.0500	2.000	0	101	80	120			
Benzo[a]pyrene	2.01	0.0500	2.000	0	100	80	120			
Benzo[b]fluoranthene	2.08	0.0500	2.000	0	104	80	120			
Benzo[g,h,i]perylene	2.15	0.0500	2.000	0	107	80	120			
Benzo[k]fluoranthene	1.93	0.0500	2.000	0	96.3	80	120			
Chrysene	1.95	0.0500	2.000	0	97.5	80	120			
Dibenz[a,h]anthracene	2.13	0.0500	2.000	0	106	80	120			
Fluoranthene	2.07	0.0500	2.000	0	104	80	120			
Fluorene	1.99	0.0500	2.000	0	99.3	80	120			
Indeno[1,2,3-cd]pyrene	2.10	0.0500	2.000	0	105	80	120			
Naphthalene	1.91	0.0500	2.000	0	95.6	80	120			
Phenanthrene	1.84	0.0500	2.000	0	91.9	80	120			
Pyrene	2.08	0.0500	2.000	0	104	80	120			
Surr: 2-Fluorobiphenyl	1.78		2.000		89.1	40	140			
Surr: 4-Terphenyl-d14	1.92		2.000		95.9	40	140			

Sample ID:	ICV-101027	Batch ID:	R51995	TestNo:	SW8270C	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS6_101026A	Analysis Date:	10/27/10 09:27 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.90	0.0500	2.000	0	95.2	80	120			
Acenaphthylene	2.06	0.0500	2.000	0	103	80	120			
Anthracene	1.84	0.0500	2.000	0	92.2	80	120			
Benzo[a]anthracene	2.02	0.0500	2.000	0	101	80	120			
Benzo[a]pyrene	1.99	0.0500	2.000	0	99.7	80	120			
Benzo[b]fluoranthene	2.04	0.0500	2.000	0	102	80	120			
Benzo[g,h,i]perylene	2.10	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene	1.93	0.0500	2.000	0	96.4	80	120			
Chrysene	1.96	0.0500	2.000	0	97.8	80	120			
Dibenz[a,h]anthracene	2.11	0.0500	2.000	0	105	80	120			
Fluoranthene	2.00	0.0500	2.000	0	99.9	80	120			
Fluorene	1.97	0.0500	2.000	0	98.5	80	120			
Indeno[1,2,3-cd]pyrene	2.12	0.0500	2.000	0	106	80	120			
Naphthalene	1.92	0.0500	2.000	0	95.9	80	120			
Phenanthrene	1.76	0.0500	2.000	0	88.2	80	120			
Pyrene	2.08	0.0500	2.000	0	104	80	120			
Surr: 2-Fluorobiphenyl	1.78		2.000		89.0	40	140			
Surr: 4-Terphenyl-d14	1.83		2.000		91.5	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Sample ID:	LCS-43603	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 05:10 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.646	0.0500	1.000	0	64.6	56	114			
Acenaphthylene	0.678	0.0500	1.000	0	67.8	56	116			
Anthracene	0.676	0.0500	1.000	0	67.6	40	113			
Benzo[a]anthracene	0.798	0.0500	1.000	0	79.8	52	108			
Benzo[a]pyrene	0.782	0.0500	1.000	0	78.2	48	115			
Benzo[b]fluoranthene	0.806	0.0500	1.000	0	80.6	43	115			
Benzo[g,h,i]perylene	0.857	0.0500	1.000	0	85.7	47	123			
Benzo[k]fluoranthene	0.771	0.0500	1.000	0	77.1	54	118			
Chrysene	0.793	0.0500	1.000	0	79.3	56	115			
Dibenz[a,h]anthracene	0.815	0.0500	1.000	0	81.5	43	120			
Fluoranthene	0.762	0.0500	1.000	0	76.2	41	108			
Fluorene	0.680	0.0500	1.000	0	68.0	47	128			
Indeno[1,2,3-cd]pyrene	0.835	0.0500	1.000	0	83.5	46	119			
Naphthalene	0.657	0.0500	1.000	0	65.7	55	113			
Phenanthrene	0.650	0.0500	1.000	0	65.0	55	114			
Pyrene	0.815	0.0500	1.000	0	81.5	42	125			
Surr: 2-Fluorobiphenyl	2.33		4.000		58.3	40	140			
Surr: 4-Terphenyl-d14	3.02		4.000		75.5	40	140			

Sample ID:	1010167-13CMS	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 05:42 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.648	0.0551	1.103	0	58.7	56	114			
Acenaphthylene	0.693	0.0551	1.103	0	62.8	56	116			
Anthracene	0.818	0.0551	1.103	0	74.2	40	113			
Benzo[a]anthracene	0.991	0.0551	1.103	0	89.8	52	108			
Benzo[a]pyrene	0.949	0.0551	1.103	0	86.0	48	115			
Benzo[b]fluoranthene	1.00	0.0551	1.103	0	90.8	43	115			
Benzo[g,h,i]perylene	1.05	0.0551	1.103	0	95.5	47	123			
Benzo[k]fluoranthene	0.958	0.0551	1.103	0	86.9	54	118			
Chrysene	0.975	0.0551	1.103	0	88.4	56	115			
Dibenz[a,h]anthracene	1.02	0.0551	1.103	0	92.5	43	120			
Fluoranthene	0.937	0.0551	1.103	0	84.9	41	108			
Fluorene	0.747	0.0551	1.103	0	67.8	47	128			
Indeno[1,2,3-cd]pyrene	1.03	0.0551	1.103	0	93.1	46	119			
Naphthalene	0.626	0.0551	1.103	0	56.7	55	113			
Phenanthrene	0.811	0.0551	1.103	0	73.5	55	114			
Pyrene	0.992	0.0551	1.103	0	90.0	42	125			
Surr: 2-Fluorobiphenyl	2.24		4.412		50.8	40	140			
Surr: 4-Terphenyl-d14	3.51		4.412		79.5	40	140			

Sample ID:	1010167-13CMSD	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 06:14 PM	Prep Date:	10/27/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.619	0.0548	1.096	0	56.5	56	114	4.47	30	
Acenaphthylene	0.668	0.0548	1.096	0	61.0	56	116	3.55	30	
Anthracene	0.808	0.0548	1.096	0	73.7	40	113	1.27	30	
Benzo[a]anthracene	0.997	0.0548	1.096	0	91.0	52	108	0.632	30	
Benzo[a]pyrene	0.942	0.0548	1.096	0	86.0	48	115	0.739	30	
Benzo[b]fluoranthene	0.992	0.0548	1.096	0	90.5	43	115	0.965	30	
Benzo[g,h,i]perylene	1.03	0.0548	1.096	0	94.0	47	123	2.22	30	
Benzo[k]fluoranthene	0.920	0.0548	1.096	0	84.0	54	118	4.01	30	
Chrysene	0.976	0.0548	1.096	0	89.0	56	115	0.087	30	
Dibenz[a,h]anthracene	0.977	0.0548	1.096	0	89.2	43	120	4.36	30	
Fluoranthene	0.914	0.0548	1.096	0	83.4	41	108	2.47	30	
Fluorene	0.704	0.0548	1.096	0	64.3	47	128	5.93	30	
Indeno[1,2,3-cd]pyrene	0.987	0.0548	1.096	0	90.1	46	119	3.88	30	
Naphthalene	0.599	0.0548	1.096	0	54.6	55	113	4.46	30	
Phenanthrene	0.780	0.0548	1.096	0	71.2	55	114	3.78	30	
Pyrene	0.989	0.0548	1.096	0	90.3	42	125	0.319	30	
Surr: 2-Fluorobiphenyl	2.09		4.384		47.6	40	140	0	0	
Surr: 4-Terphenyl-d14	3.42		4.384		78.0	40	140	0	0	

Sample ID:	MB-43603	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 06:46 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.62		4.000		65.5	40	140			
Surr: 4-Terphenyl-d14	3.37		4.000		84.2	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Sample ID:	ICV-101027	Batch ID:	R52004		TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS6_101027A		Analysis Date:		10/27/10 04:38 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.88	0.0500	2.000	0	93.8	80	120			
Acenaphthylene		2.00	0.0500	2.000	0	100	80	120			
Anthracene		1.89	0.0500	2.000	0	94.5	80	120			
Benzo[a]anthracene		2.00	0.0500	2.000	0	100	80	120			
Benzo[a]pyrene		1.94	0.0500	2.000	0	97.2	80	120			
Benzo[b]fluoranthene		1.97	0.0500	2.000	0	98.5	80	120			
Benzo[g,h,i]perylene		2.09	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene		1.90	0.0500	2.000	0	94.9	80	120			
Chrysene		1.94	0.0500	2.000	0	97.0	80	120			
Dibenz[a,h]anthracene		2.08	0.0500	2.000	0	104	80	120			
Fluoranthene		2.06	0.0500	2.000	0	103	80	120			
Fluorene		1.95	0.0500	2.000	0	97.3	80	120			
Indeno[1,2,3-cd]pyrene		2.10	0.0500	2.000	0	105	80	120			
Naphthalene		1.90	0.0500	2.000	0	95.0	80	120			
Phenanthrene		1.82	0.0500	2.000	0	90.8	80	120			
Pyrene		2.05	0.0500	2.000	0	102	80	120			
Surr: 2-Fluorobiphenyl		1.77		2.000		88.4	40	140			
Surr: 4-Terphenyl-d14		1.88		2.000		94.2	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

Sample ID:	LCS-43549	Batch ID:	43549		TestNo:		SW8260B		Units:		mg/Kg
SampType:	LCS	Run ID:	GCMS2_101022A		Analysis Date:		10/22/10 11:17 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0250	0.00500	0.0232	0	108	68	130			
1,1,2,2-Tetrachloroethane		0.0248	0.00500	0.0232	0	107	59	140			
1,1,2-Trichloroethane		0.0234	0.00500	0.0232	0	101	62	127			
1,1,2-Trichlorotrifluoroethane		0.0231	0.0150	0.0232	0	99.6	57	135			
1,1-Dichloroethane		0.0240	0.00500	0.0232	0	103	73	125			
1,1-Dichloroethene		0.0217	0.00500	0.0232	0	93.6	65	136			
1,2,4-Trichlorobenzene		0.0245	0.00500	0.0232	0	106	65	131			
1,2-Dibromo-3-chloropropane		0.0255	0.00500	0.0232	0	110	49	135			
1,2-Dibromoethane		0.0235	0.00500	0.0232	0	101	70	124			
1,2-Dichlorobenzene		0.0229	0.00500	0.0232	0	98.6	74	120			
1,2-Dichloroethane		0.0268	0.00500	0.0232	0	115	72	137			
1,2-Dichloropropane		0.0234	0.00500	0.0232	0	101	71	120			
1,3-Dichlorobenzene		0.0231	0.00500	0.0232	0	99.5	72	124			
1,4-Dichlorobenzene		0.0233	0.00500	0.0232	0	101	72	125			
2-Butanone		0.0677	0.0150	0.0580	0	117	60	135			
2-Hexanone		0.0684	0.0150	0.0580	0	118	50	150			
4-Methyl-2-pentanone		0.0654	0.0150	0.0580	0	113	60	135			
Acetone		0.0706	0.0500	0.0580	0	122	40	141			
Benzene		0.0223	0.00500	0.0232	0	96.2	73	126			
Bromodichloromethane		0.0240	0.00500	0.0232	0	103	72	128			
Bromoform		0.0226	0.00500	0.0232	0	97.5	66	137			
Bromomethane		0.0306	0.00500	0.0232	0	132	45	141			
Carbon disulfide		0.0211	0.00500	0.0232	0	90.9	50	150			
Carbon tetrachloride		0.0242	0.00500	0.0232	0	104	67	133			
Chlorobenzene		0.0236	0.00500	0.0232	0	102	75	123			
Chloroethane		0.0298	0.00500	0.0232	0	129	41	141			
Chloroform		0.0246	0.00500	0.0232	0	106	72	124			
Chloromethane		0.0220	0.00500	0.0232	0	94.9	51	129			
cis-1,2-Dichloroethene		0.0224	0.00500	0.0232	0	96.4	67	125			
cis-1,3-Dichloropropene		0.0232	0.00500	0.0232	0	100	72	126			
Cyclohexane		0.0240	0.0150	0.0232	0	103	40	158			N
Dibromochloromethane		0.0229	0.00500	0.0232	0	98.5	66	130			
Dichlorodifluoromethane		0.0184	0.00500	0.0232	0	79.5	34	136			
Ethylbenzene		0.0238	0.00500	0.0232	0	103	74	127			
Isopropylbenzene		0.0241	0.00500	0.0232	0	104	77	129			
m,p-Xylene		0.0481	0.00500	0.0464	0	104	79	126			
Methyl Acetate		0.0253	0.0150	0.0232	0	109	50	150			
Methyl tert-butyl ether		0.0249	0.00500	0.0232	0	107	50	135			
Methylcyclohexane		0.0254	0.0150	0.0232	0	109	50	150			
Methylene chloride		0.0230	0.00500	0.0232	0	98.9	63	137			
o-Xylene		0.0237	0.00500	0.0232	0	102	77	125			
Styrene		0.0231	0.00500	0.0232	0	99.4	74	128			
Tetrachloroethene		0.0228	0.00500	0.0232	0	98.4	67	139			
Toluene		0.0232	0.00500	0.0232	0	99.9	71	127			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

trans-1,2-Dichloroethene	0.0225	0.00500	0.0232	0	97.0	66	134
trans-1,3-Dichloropropene	0.0247	0.00500	0.0232	0	106	65	127
Trichloroethene	0.0221	0.00500	0.0232	0	95.3	77	124
Trichlorofluoromethane	0.0306	0.0150	0.0232	0	132	49	139
Vinyl chloride	0.0210	0.00500	0.0232	0	90.6	58	126
Surr: 1,2-Dichloroethane-d4	58.6		50.00		117	52	149
Surr: 4-Bromofluorobenzene	51.8		50.00		104	84	118
Surr: Dibromofluoromethane	50.8		50.00		102	65	135
Surr: Toluene-d8	50.9		50.00		102	84	116

Sample ID:	LCSD-43549	Batch ID:	43549	TestNo:	SW8260B	Units:	mg/Kg
SampType:	LCSD	Run ID:	GCMS2_101022A	Analysis Date:	10/22/10 12:22 PM	Prep Date:	10/22/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0247	0.00500	0.0232	0	107	68	130	1.09	30	
1,1,2,2-Tetrachloroethane	0.0240	0.00500	0.0232	0	103	59	140	3.04	30	
1,1,2-Trichloroethane	0.0226	0.00500	0.0232	0	97.4	62	127	3.39	30	
1,1,2-Trichlorotrifluoroethane	0.0219	0.0150	0.0232	0	94.3	57	135	5.42	30	
1,1-Dichloroethane	0.0238	0.00500	0.0232	0	103	73	125	0.796	30	
1,1-Dichloroethene	0.0202	0.00500	0.0232	0	87.2	65	136	7.06	30	
1,2,4-Trichlorobenzene	0.0235	0.00500	0.0232	0	101	65	131	4.04	30	
1,2-Dibromo-3-chloropropane	0.0241	0.00500	0.0232	0	104	49	135	5.52	30	
1,2-Dibromoethane	0.0233	0.00500	0.0232	0	101	70	124	0.683	30	
1,2-Dichlorobenzene	0.0228	0.00500	0.0232	0	98.2	74	120	0.350	30	
1,2-Dichloroethane	0.0264	0.00500	0.0232	0	114	72	137	1.35	30	
1,2-Dichloropropane	0.0229	0.00500	0.0232	0	98.5	71	120	2.51	30	
1,3-Dichlorobenzene	0.0228	0.00500	0.0232	0	98.3	72	124	1.22	30	
1,4-Dichlorobenzene	0.0230	0.00500	0.0232	0	99.4	72	125	1.16	30	
2-Butanone	0.0649	0.0150	0.0580	0	112	60	135	4.30	30	
2-Hexanone	0.0656	0.0150	0.0580	0	113	50	150	4.26	30	
4-Methyl-2-pentanone	0.0637	0.0150	0.0580	0	110	60	135	2.64	30	
Acetone	0.0687	0.0500	0.0580	0	119	40	141	2.73	30	
Benzene	0.0221	0.00500	0.0232	0	95.3	73	126	0.946	30	
Bromodichloromethane	0.0237	0.00500	0.0232	0	102	72	128	1.30	30	
Bromoform	0.0221	0.00500	0.0232	0	95.1	66	137	2.46	30	
Bromomethane	0.0272	0.00500	0.0232	0	117	45	141	11.6	30	
Carbon disulfide	0.0202	0.00500	0.0232	0	87.0	50	150	4.36	30	
Carbon tetrachloride	0.0237	0.00500	0.0232	0	102	67	133	2.30	30	
Chlorobenzene	0.0233	0.00500	0.0232	0	101	75	123	1.02	30	
Chloroethane	0.0288	0.00500	0.0232	0	124	41	141	3.51	30	
Chloroform	0.0235	0.00500	0.0232	0	101	72	124	4.83	30	
Chloromethane	0.0226	0.00500	0.0232	0	97.6	51	129	2.87	30	
cis-1,2-Dichloroethene	0.0223	0.00500	0.0232	0	96.1	67	125	0.358	30	
cis-1,3-Dichloropropene	0.0225	0.00500	0.0232	0	97.0	72	126	3.15	30	
Cyclohexane	0.0233	0.0150	0.0232	0	100	40	158	2.84	30	N
Dibromochloromethane	0.0228	0.00500	0.0232	0	98.2	66	130	0.307	30	
Dichlorodifluoromethane	0.0181	0.00500	0.0232	0	78.0	34	136	1.92	30	
Ethylbenzene	0.0234	0.00500	0.0232	0	101	74	127	1.82	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

Isopropylbenzene	0.0239	0.00500	0.0232	0	103	77	129	0.666	30
m,p-Xylene	0.0477	0.00500	0.0464	0	103	79	126	0.939	30
Methyl Acetate	0.0241	0.0150	0.0232	0	104	50	150	4.62	30
Methyl tert-butyl ether	0.0244	0.00500	0.0232	0	105	50	135	2.11	30
Methylcyclohexane	0.0245	0.0150	0.0232	0	106	50	150	3.37	30
Methylene chloride	0.0230	0.00500	0.0232	0	99.0	63	137	0.043	30
o-Xylene	0.0237	0.00500	0.0232	0	102	77	125	0.084	30
Styrene	0.0233	0.00500	0.0232	0	100	74	128	1.08	30
Tetrachloroethene	0.0228	0.00500	0.0232	0	98.1	67	139	0.351	30
Toluene	0.0226	0.00500	0.0232	0	97.4	71	127	2.53	30
trans-1,2-Dichloroethene	0.0222	0.00500	0.0232	0	95.5	66	134	1.52	30
trans-1,3-Dichloropropene	0.0237	0.00500	0.0232	0	102	65	127	3.80	30
Trichloroethene	0.0219	0.00500	0.0232	0	94.5	77	124	0.817	30
Trichlorofluoromethane	0.0301	0.0150	0.0232	0	130	49	139	1.88	30
Vinyl chloride	0.0209	0.00500	0.0232	0	90.2	58	126	0.477	30
Surr: 1,2-Dichloroethane-d4	58.6		50.00		117	52	149	0	0
Surr: 4-Bromofluorobenzene	51.9		50.00		104	84	118	0	0
Surr: Dibromofluoromethane	50.7		50.00		101	65	135	0	0
Surr: Toluene-d8	52.1		50.00		104	84	116	0	0

Sample ID:	MB-43549	Batch ID:	43549	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS2_101022A	Analysis Date:	10/22/10 01:28 PM	Prep Date:	10/22/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

Chlorobenzene	<0.00100	0.00500					
Chloroethane	<0.00100	0.00500					
Chloroform	<0.00100	0.00500					
Chloromethane	<0.00100	0.00500					
cis-1,2-Dichloroethene	<0.00100	0.00500					
cis-1,3-Dichloropropene	<0.00100	0.00500					
Cyclohexane	<0.00500	0.0150					N
Dibromochloromethane	<0.00100	0.00500					
Dichlorodifluoromethane	<0.00100	0.00500					
Ethylbenzene	<0.00100	0.00500					
Isopropylbenzene	<0.00100	0.00500					
m,p-Xylene	<0.00100	0.00500					
Methyl Acetate	<0.00500	0.0150					
Methyl tert-butyl ether	<0.00100	0.00500					
Methylcyclohexane	<0.00500	0.0150					
Methylene chloride	<0.00500	0.00500					
o-Xylene	<0.00100	0.00500					
Styrene	<0.00100	0.00500					
Tetrachloroethene	<0.00100	0.00500					
Toluene	<0.00100	0.00500					
trans-1,2-Dichloroethene	<0.00100	0.00500					
trans-1,3-Dichloropropene	<0.00100	0.00500					
Trichloroethene	<0.00100	0.00500					
Trichlorofluoromethane	<0.00500	0.0150					
Vinyl chloride	<0.00100	0.00500					
Surr: 1,2-Dichloroethane-d4	54.1		50.00	108	52	149	
Surr: 4-Bromofluorobenzene	53.4		50.00	107	84	118	
Surr: Dibromofluoromethane	49.0		50.00	98.0	65	135	
Surr: Toluene-d8	53.2		50.00	106	84	116	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

Sample ID:	ICV-101022	Batch ID:	R51926		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS2_101022A		Analysis Date:		10/22/10 10:43 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0506	0.00500	0.0464	0	109	70	130			
1,1,2,2-Tetrachloroethane		0.0495	0.00500	0.0464	0	107	70	130			
1,1,2-Trichloroethane		0.0467	0.00500	0.0464	0	101	70	130			
1,1,2-Trichlorotrifluoroethane		0.0456	0.0150	0.0464	0	98.3	70	130			
1,1-Dichloroethane		0.0483	0.00500	0.0464	0	104	70	130			
1,1-Dichloroethene		0.0431	0.00500	0.0464	0	93.0	80	120			
1,2,4-Trichlorobenzene		0.0491	0.00500	0.0464	0	106	70	130			
1,2-Dibromo-3-chloropropane		0.0528	0.00500	0.0464	0	114	70	130			
1,2-Dibromoethane		0.0468	0.00500	0.0464	0	101	70	130			
1,2-Dichlorobenzene		0.0458	0.00500	0.0464	0	98.6	70	130			
1,2-Dichloroethane		0.0552	0.00500	0.0464	0	119	70	130			
1,2-Dichloropropane		0.0469	0.00500	0.0464	0	101	80	120			
1,3-Dichlorobenzene		0.0454	0.00500	0.0464	0	97.9	70	130			
1,4-Dichlorobenzene		0.0463	0.00500	0.0464	0	99.7	70	130			
2-Butanone		0.138	0.0150	0.116	0	119	70	130			
2-Hexanone		0.138	0.0150	0.116	0	119	70	130			
4-Methyl-2-pentanone		0.134	0.0150	0.116	0	115	70	130			
Acetone		0.142	0.0500	0.116	0	122	70	130			
Benzene		0.0446	0.00500	0.0464	0	96.1	70	130			
Bromodichloromethane		0.0498	0.00500	0.0464	0	107	70	130			
Bromoform		0.0467	0.00500	0.0464	0	101	70	130			
Bromomethane		0.0599	0.00500	0.0464	0	129	70	130			
Carbon disulfide		0.0425	0.00500	0.0464	0	91.6	70	130			
Carbon tetrachloride		0.0481	0.00500	0.0464	0	104	70	130			
Chlorobenzene		0.0470	0.00500	0.0464	0	101	70	130			
Chloroethane		0.0626	0.00500	0.0464	0	135	70	130			S
Chloroform		0.0503	0.00500	0.0464	0	108	80	120			
Chloromethane		0.0440	0.00500	0.0464	0	94.8	70	130			
cis-1,2-Dichloroethene		0.0452	0.00500	0.0464	0	97.4	70	130			
cis-1,3-Dichloropropene		0.0478	0.00500	0.0464	0	103	70	130			
Cyclohexane		0.0476	0.0150	0.0464	0	103	70	130			N
Dibromochloromethane		0.0467	0.00500	0.0464	0	101	70	130			
Dichlorodifluoromethane		0.0341	0.00500	0.0464	0	73.6	70	130			
Ethylbenzene		0.0465	0.00500	0.0464	0	100	80	120			
Isopropylbenzene		0.0472	0.00500	0.0464	0	102	70	130			
m,p-Xylene		0.0961	0.00500	0.0928	0	104	70	130			
Methyl Acetate		0.0510	0.0150	0.0464	0	110	70	130			
Methyl tert-butyl ether		0.0511	0.00500	0.0464	0	110	70	130			
Methylcyclohexane		0.0503	0.0150	0.0464	0	108	70	130			
Methylene chloride		0.0446	0.00500	0.0464	0	96.1	70	130			
o-Xylene		0.0468	0.00500	0.0464	0	101	70	130			
Styrene		0.0465	0.00500	0.0464	0	100	70	130			
Tetrachloroethene		0.0452	0.00500	0.0464	0	97.5	70	130			
Toluene		0.0457	0.00500	0.0464	0	98.6	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101022A

trans-1,2-Dichloroethene	0.0450	0.00500	0.0464	0	97.1	70	130	
trans-1,3-Dichloropropene	0.0506	0.00500	0.0464	0	109	70	130	
Trichloroethene	0.0450	0.00500	0.0464	0	96.9	70	130	
Trichlorofluoromethane	0.0628	0.0150	0.0464	0	135	70	130	S
Vinyl chloride	0.0432	0.00500	0.0464	0	93.1	80	120	
Surr: 1,2-Dichloroethane-d4	62.7		50.00		125	52	149	
Surr: 4-Bromofluorobenzene	51.1		50.00		102	84	118	
Surr: Dibromofluoromethane	51.7		50.00		103	65	135	
Surr: Toluene-d8	50.6		50.00		101	84	116	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	LCS-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	LCS	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 11:53 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0215	0.00100	0.0232	0	92.8	67	132			
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128			
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.6	75	125			
1,1,2-Trichlorotrifluoroethane	0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane	0.0225	0.00100	0.0232	0	96.9	69	133			
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.1	68	130			
1,2,4-Trichlorobenzene	0.0204	0.00500	0.0232	0	88.1	66	134			
1,2-Dibromo-3-chloropropane	0.0224	0.0100	0.0232	0	96.6	50	132			
1,2-Dibromoethane	0.0242	0.00100	0.0232	0	104	80	121			
1,2-Dichlorobenzene	0.0250	0.00100	0.0232	0	108	75	122			
1,2-Dichloroethane	0.0208	0.00100	0.0232	0	89.8	69	132			
1,2-Dichloropropane	0.0229	0.00100	0.0232	0	98.6	75	125			
1,3-Dichlorobenzene	0.0252	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene	0.0245	0.00100	0.0232	0	106	74	123			
2-Butanone	0.0195	0.0150	0.0232	0	84.0	49	136			
2-Hexanone	0.0229	0.0150	0.0232	0	98.8	50	150			
4-Methyl-2-pentanone	0.0227	0.0150	0.0232	0	98.0	60	134			
Acetone	0.0201	0.0150	0.0232	0	86.6	40	135			
Benzene	0.0235	0.00100	0.0232	0	101	81	122			
Bromodichloromethane	0.0226	0.00100	0.0232	0	97.6	76	121			
Bromoform	0.0260	0.00100	0.0232	0	112	69	128			
Bromomethane	0.0225	0.00100	0.0232	0	96.9	53	141			
Carbon disulfide	0.0199	0.0150	0.0232	0	85.6	50	150			
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138			
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122			
Chloroethane	0.0208	0.00100	0.0232	0	89.6	58	133			
Chloroform	0.0218	0.00100	0.0232	0	94.0	69	128			
Chloromethane	0.0200	0.00100	0.0232	0	86.3	56	131			
cis-1,2-Dichloroethene	0.0227	0.00100	0.0232	0	97.8	72	126			
cis-1,3-Dichloropropene	0.0245	0.00100	0.0232	0	106	69	131			
Cyclohexane	0.0229	0.0150	0.0232	0	98.8	40	161			N
Dibromochloromethane	0.0241	0.00100	0.0232	0	104	66	133			
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.6	53	153			
Ethylbenzene	0.0251	0.00100	0.0232	0	108	80	120			
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127			
m,p-Xylene	0.0514	0.00200	0.0464	0	111	80	120			
Methyl Acetate	0.0197	0.0150	0.0232	0	85.0	50	150			
Methyl tert-butyl ether	0.0213	0.00100	0.0232	0	91.9	68	123			
Methylcyclohexane	0.0215	0.0150	0.0232	0	92.5	70	130			
Methylene chloride	0.0223	0.00250	0.0232	0	95.9	63	137			
o-Xylene	0.0262	0.00100	0.0232	0	113	80	120			
Styrene	0.0256	0.00100	0.0232	0	110	65	134			
Tetrachloroethene	0.0258	0.00200	0.0232	0	111	66	128			
Toluene	0.0232	0.00200	0.0232	0	99.8	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0224	0.00100	0.0232	0	96.7	63	137
trans-1,3-Dichloropropene	0.0240	0.00100	0.0232	0	103	59	135
Trichloroethene	0.0221	0.00200	0.0232	0	95.3	70	127
Trichlorofluoromethane	0.0212	0.00100	0.0232	0	91.4	57	129
Vinyl chloride	0.0216	0.00100	0.0232	0	93.1	50	134
Surr: 1,2-Dichloroethane-d4	183		200.0		91.3	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	188		200.0		93.9	85	115
Surr: Toluene-d8	204		200.0		102	81	120

Sample ID:	MB-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 01:10 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Isopropylbenzene	<0.000200	0.00100								
m,p-Xylene	<0.000600	0.00200								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.000300	0.00100								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00250	0.00250								
o-Xylene	<0.000300	0.00100								
Styrene	<0.000200	0.00100								
Tetrachloroethene	<0.000600	0.00200								
Toluene	<0.000600	0.00200								
trans-1,2-Dichloroethene	<0.000200	0.00100								
trans-1,3-Dichloropropene	<0.000200	0.00100								
Trichloroethene	<0.000600	0.00200								
Trichlorofluoromethane	<0.000200	0.00100								
Vinyl chloride	<0.000100	0.00100								
Surr: 1,2-Dichloroethane-d4	182		200.0		91.0	72	119			
Surr: 4-Bromofluorobenzene	192		200.0		95.8	76	119			
Surr: Dibromofluoromethane	187		200.0		93.5	85	115			
Surr: Toluene-d8	204		200.0		102	81	120			

Sample ID:	1010155-03AMS	Batch ID:	43586	TestNo:		SW8260B		Units:	mg/L	
SampType:	MS	Run ID:	GCMS7_101026A	Analysis Date:		10/26/10 10:06 PM		Prep Date:	10/26/10	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0221	0.00100	0.0232	0	95.3	67	132			
1,1,2,2-Tetrachloroethane		0.0271	0.00100	0.0232	0	117	63	128			
1,1,2-Trichloroethane		0.0224	0.00100	0.0232	0	96.5	75	125			
1,1,2-Trichlorotrifluoroethane		0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane		0.0274	0.00100	0.0232	0.00506	96.4	69	133			
1,1-Dichloroethene		0.0290	0.00100	0.0232	0.00607	99.0	68	130			
1,2,4-Trichlorobenzene		0.0199	0.00500	0.0232	0	85.6	66	134			
1,2-Dibromo-3-chloropropane		0.0214	0.0100	0.0232	0	92.1	50	132			
1,2-Dibromoethane		0.0236	0.00100	0.0232	0	102	80	121			
1,2-Dichlorobenzene		0.0249	0.00100	0.0232	0	107	75	125			
1,2-Dichloroethane		0.0218	0.00100	0.0232	0	93.8	68	132			
1,2-Dichloropropane		0.0228	0.00100	0.0232	0	98.3	75	125			
1,3-Dichlorobenzene		0.0250	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene		0.0244	0.00100	0.0232	0	105	74	123			
2-Butanone		0.0201	0.0150	0.0232	0	86.7	49	136			
2-Hexanone		0.0218	0.0150	0.0232	0	93.8	50	150			
4-Methyl-2-pentanone		0.0223	0.0150	0.0232	0	96.1	60	135			
Acetone		0.0227	0.0150	0.0232	0	97.8	40	135			
Benzene		0.0237	0.00100	0.0232	0	102	81	120			
Bromodichloromethane		0.0229	0.00100	0.0232	0	98.8	76	121			
Bromoform		0.0241	0.00100	0.0232	0	104	69	128			
Bromomethane		0.0240	0.00100	0.0232	0	103	53	141			
Carbon disulfide		0.0188	0.0150	0.0232	0	80.9	50	150			
Carbon tetrachloride		0.0240	0.00100	0.0232	0	104	66	138			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Chlorobenzene	0.0242	0.00100	0.0232	0	104	81	122	
Chloroethane	0.0224	0.00100	0.0232	0	96.7	58	133	
Chloroform	0.0223	0.00100	0.0232	0	96.1	69	128	
Chloromethane	0.0202	0.00100	0.0232	0	87.3	56	131	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	99.0	72	126	
cis-1,3-Dichloropropene	0.0225	0.00100	0.0232	0	96.9	69	131	
Cyclohexane	0.0224	0.0150	0.0232	0	96.7	40	161	N
Dibromochloromethane	0.0233	0.00100	0.0232	0	101	66	133	
Dichlorodifluoromethane	0.0212	0.00100	0.0232	0	91.6	53	153	
Ethylbenzene	0.0248	0.00100	0.0232	0	107	80	120	
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127	
m,p-Xylene	0.0512	0.00200	0.0464	0	110	80	120	
Methyl Acetate	0.0163	0.0150	0.0232	0	70.4	50	150	
Methyl tert-butyl ether	0.0215	0.00100	0.0232	0	92.6	68	123	
Methylcyclohexane	0.0208	0.0150	0.0232	0	89.7	70	130	
Methylene chloride	0.0229	0.00250	0.0232	0	98.5	63	137	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	
Styrene	0.0245	0.00100	0.0232	0	106	65	134	
Tetrachloroethene	0.0255	0.00200	0.0232	0	110	66	128	
Toluene	0.0232	0.00200	0.0232	0	100	80	120	
trans-1,2-Dichloroethene	0.0226	0.00100	0.0232	0	97.5	63	137	
trans-1,3-Dichloropropene	0.0226	0.00100	0.0232	0	97.4	59	135	
Trichloroethene	0.0219	0.00200	0.0232	0	94.5	70	127	
Trichlorofluoromethane	0.0233	0.00100	0.0232	0	101	57	129	
Vinyl chloride	0.0214	0.00100	0.0232	0.00010	91.9	50	134	
Surr: 1,2-Dichloroethane-d4	186		200.0		93.2	72	119	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	
Surr: Dibromofluoromethane	190		200.0		95.1	85	115	
Surr: Toluene-d8	203		200.0		101	81	120	

Sample ID:	1010155-03AMSD	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MSD	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 10:32 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0220	0.00100	0.0232	0	94.8	67	132	0.454	20	
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128	0.844	20	
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.8	75	125	0.672	20	
1,1,2-Trichlorotrifluoroethane	0.0226	0.0150	0.0232	0	97.2	67	125	0.751	20	
1,1-Dichloroethane	0.0274	0.00100	0.0232	0.00506	96.1	69	133	0.219	20	
1,1-Dichloroethene	0.0291	0.00100	0.0232	0.00607	99.2	68	130	0.172	20	
1,2,4-Trichlorobenzene	0.0198	0.00500	0.0232	0	85.3	66	134	0.454	20	
1,2-Dibromo-3-chloropropane	0.0212	0.0100	0.0232	0	91.5	50	132	0.658	20	
1,2-Dibromoethane	0.0235	0.00100	0.0232	0	101	80	121	0.467	20	
1,2-Dichlorobenzene	0.0248	0.00100	0.0232	0	107	75	125	0.443	20	
1,2-Dichloroethane	0.0218	0.00100	0.0232	0	93.8	68	132	0.046	20	
1,2-Dichloropropane	0.0228	0.00100	0.0232	0	98.3	75	125	0	20	
1,3-Dichlorobenzene	0.0249	0.00100	0.0232	0	107	75	124	0.401	20	
1,4-Dichlorobenzene	0.0243	0.00100	0.0232	0	105	74	123	0.164	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

2-Butanone	0.0214	0.0150	0.0232	0	92.0	49	136	5.93	20	
2-Hexanone	0.0217	0.0150	0.0232	0	93.6	50	150	0.138	20	
4-Methyl-2-pentanone	0.0224	0.0150	0.0232	0	96.7	60	135	0.626	20	
Acetone	0.0227	0.0150	0.0232	0	97.7	40	135	0.132	20	
Benzene	0.0236	0.00100	0.0232	0	102	81	120	0.508	20	
Bromodichloromethane	0.0225	0.00100	0.0232	0	97.1	76	121	1.76	20	
Bromoform	0.0238	0.00100	0.0232	0	103	69	128	1.00	20	
Bromomethane	0.0240	0.00100	0.0232	0	103	53	141	0.125	20	
Carbon disulfide	0.0190	0.0150	0.0232	0	81.9	50	150	1.16	20	
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138	1.00	20	
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122	0.704	20	
Chloroethane	0.0219	0.00100	0.0232	0	94.2	58	133	2.57	20	
Chloroform	0.0225	0.00100	0.0232	0	96.9	69	128	0.804	20	
Chloromethane	0.0201	0.00100	0.0232	0	86.4	56	131	0.993	20	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	98.9	72	126	0.087	20	
cis-1,3-Dichloropropene	0.0227	0.00100	0.0232	0	97.9	69	131	0.973	20	
Cyclohexane	0.0220	0.0150	0.0232	0	94.7	40	161	2.12	20	N
Dibromochloromethane	0.0234	0.00100	0.0232	0	101	66	133	0.300	20	
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.7	53	153	2.09	20	
Ethylbenzene	0.0246	0.00100	0.0232	0	106	80	120	0.688	20	
Isopropylbenzene	0.0258	0.00100	0.0232	0	111	75	127	1.54	20	
m,p-Xylene	0.0507	0.00200	0.0464	0	109	80	120	1.08	20	
Methyl Acetate	0.0158	0.0150	0.0232	0	68.3	50	150	3.04	20	
Methyl tert-butyl ether	0.0217	0.00100	0.0232	0	93.5	68	123	0.972	20	
Methylcyclohexane	0.0206	0.0150	0.0232	0	88.6	70	130	1.21	20	
Methylene chloride	0.0226	0.00250	0.0232	0	97.4	63	137	1.14	20	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	0.116	20	
Styrene	0.0243	0.00100	0.0232	0	105	65	134	0.901	20	
Tetrachloroethene	0.0252	0.00200	0.0232	0	109	66	128	1.03	20	
Toluene	0.0234	0.00200	0.0232	0	101	80	120	0.643	20	
trans-1,2-Dichloroethene	0.0225	0.00100	0.0232	0	97.1	63	137	0.443	20	
trans-1,3-Dichloropropene	0.0222	0.00100	0.0232	0	95.6	59	135	1.83	20	
Trichloroethene	0.0220	0.00200	0.0232	0	94.9	70	127	0.410	20	
Trichlorofluoromethane	0.0226	0.00100	0.0232	0	97.5	57	129	3.13	20	
Vinyl chloride	0.0211	0.00100	0.0232	0.00010	90.3	50	134	1.74	20	
Surr: 1,2-Dichloroethane-d4	187		200.0		93.6	72	119	0	0	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	0	0	
Surr: Dibromofluoromethane	191		200.0		95.3	85	115	0	0	
Surr: Toluene-d8	205		200.0		102	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	ICV-101026	Batch ID:	R51980		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS7_101026A		Analysis Date:		10/26/10 11:18 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0435	0.00100	0.0464	0	93.8	70	130			
1,1,2,2-Tetrachloroethane		0.0550	0.00100	0.0464	0	118	70	130			
1,1,2-Trichloroethane		0.0440	0.00100	0.0464	0	94.9	70	130			
1,1,2-Trichlorotrifluoroethane		0.0444	0.0150	0.0464	0	95.6	70	130			
1,1-Dichloroethane		0.0451	0.00100	0.0464	0	97.2	70	130			
1,1-Dichloroethene		0.0446	0.00100	0.0464	0	96.2	80	120			
1,2,4-Trichlorobenzene		0.0427	0.00500	0.0464	0	92.0	70	130			
1,2-Dibromo-3-chloropropane		0.0466	0.0100	0.0464	0	100	70	130			
1,2-Dibromoethane		0.0495	0.00100	0.0464	0	107	70	130			
1,2-Dichlorobenzene		0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichloroethane		0.0420	0.00100	0.0464	0	90.5	70	130			
1,2-Dichloropropane		0.0462	0.00100	0.0464	0	99.5	70	130			
1,3-Dichlorobenzene		0.0510	0.00100	0.0464	0	110	70	130			
1,4-Dichlorobenzene		0.0490	0.00100	0.0464	0	106	70	130			
2-Butanone		0.0367	0.0150	0.0464	0	79.0	70	130			
2-Hexanone		0.0473	0.0150	0.0464	0	102	70	130			
4-Methyl-2-pentanone		0.0465	0.0150	0.0464	0	100	70	130			
Acetone		0.0403	0.0150	0.0464	0	86.8	70	130			
Benzene		0.0465	0.00100	0.0464	0	100	70	130			
Bromodichloromethane		0.0464	0.00100	0.0464	0	99.9	70	130			
Bromoform		0.0538	0.00100	0.0464	0	116	70	130			
Bromomethane		0.0374	0.00100	0.0464	0	80.7	70	130			
Carbon disulfide		0.0393	0.0150	0.0464	0	84.8	70	130			
Carbon tetrachloride		0.0494	0.00100	0.0464	0	106	70	130			
Chlorobenzene		0.0477	0.00100	0.0464	0	103	70	130			
Chloroethane		0.0330	0.00100	0.0464	0	71.1	70	130			
Chloroform		0.0439	0.00100	0.0464	0	94.7	80	120			
Chloromethane		0.0378	0.00100	0.0464	0	81.5	70	130			
cis-1,2-Dichloroethene		0.0454	0.00100	0.0464	0	97.9	70	130			
cis-1,3-Dichloropropene		0.0499	0.00100	0.0464	0	108	70	130			
Cyclohexane		0.0451	0.0150	0.0464	0	97.2	70	130			N
Dibromochloromethane		0.0517	0.00100	0.0464	0	111	70	130			
Dichlorodifluoromethane		0.0405	0.00100	0.0464	0	87.3	70	130			
Ethylbenzene		0.0498	0.00100	0.0464	0	107	80	120			
Isopropylbenzene		0.0510	0.00100	0.0464	0	110	70	130			
m,p-Xylene		0.100	0.00200	0.0928	0	108	70	130			
Methyl Acetate		0.0388	0.0150	0.0464	0	83.7	70	130			
Methyl tert-butyl ether		0.0432	0.00100	0.0464	0	93.1	70	130			
Methylcyclohexane		0.0424	0.0150	0.0464	0	91.3	70	130			
Methylene chloride		0.0454	0.00250	0.0464	0	97.8	70	130			
o-Xylene		0.0512	0.00100	0.0464	0	110	70	130			
Styrene		0.0501	0.00100	0.0464	0	108	70	130			
Tetrachloroethene		0.0530	0.00200	0.0464	0	114	70	130			
Toluene		0.0461	0.00200	0.0464	0	99.4	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0453	0.00100	0.0464	0	97.7	70	130
trans-1,3-Dichloropropene	0.0495	0.00100	0.0464	0	107	70	130
Trichloroethene	0.0442	0.00200	0.0464	0	95.3	70	130
Trichlorofluoromethane	0.0348	0.00100	0.0464	0	75.0	70	130
Vinyl chloride	0.0422	0.00100	0.0464	0	90.9	80	120
Surr: 1,2-Dichloroethane-d4	183		200.0		91.7	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	190		200.0		94.9	85	115
Surr: Toluene-d8	209		200.0		105	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101022A

Sample ID:	1010145-15D-DUP	Batch ID:	43534	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101022A	Analysis Date:	10/22/10 02:05 PM	Prep Date:	10/21/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	17.6	0	0	17.96				2.23	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010157
Project: Hillcrest CEI

MQL SUMMARY REPORT

Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW8270C Analyte	MDL mg/Kg	MQL mg/Kg
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

November 01, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

Order No: 1010167

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI

Dear Suzanne Green:

DHL Analytical received 25 sample(s) on 10/22/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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DHL ANALYTICAL CDC 354846 H

2300 Double Creek Dr. ■ Round Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 46700
CHAIN-OF-CUSTODY

CLIENT: GEO STRATA ENVIRONMENTAL INC
ADDRESS: 4718 College Park San Antonio TX 78249
PHONE: (210) 492-7282 FAX/E-MAIL: (210) 492-8935
DATA REPORTED TO: Chris Haley
ADDITIONAL REPORT COPIES TO:

DATE: 10/21/10 PAGE 1 OF 1
PO #: 1983 DHL WORK ORDER #: 1010167
PROJECT LOCATION OR NAME: HCEI 760-SL-H
CLENT PROJECT #: HCEI COLLECTOR: PV Schwan

Authorize 5% surcharge for TRRP Report? ☑ Yes ☐ No

S=SOIL W=WATER A=AIR L=LIQUID P=PAINT SL=SLUDGE O=OTHER SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) ☐; TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐; GRO (METHOD 8015) ☐ DRO (METHOD 8015) ☐; VOC 8260 ☐ VOC 8260/5035 ☐; SVOC 8270 ☐ SVOC 625 ☐; VOC 624 ☐ VOC 8260/5035 ☐ HOLD PAH ☐ SVOC 625 ☐; 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PCB ☐; 8270 O-P PEST ☐ 8082 PCB ☐ 8270 PEST ☐; 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐; METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐; RCRA ☐ TX11 ☐ ☐; PH ☐ HEX CHROM ☐ ALKALINITY ☐; CHLORIDE ☐ ANIONS ☐; TCLP SVOC ☐ VOC ☐ PEST ☐ HERB ☐; TCLP METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐; RCI ☐ TOX ☐ FLASHPOINT ☐; TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	BTEX	TPH 1005	GRO (METHOD 8015)	VOC 8260	SVOC 8270	VOC 624	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP SVOC	TCLP METALS	RCI	TDS	FIELD NOTES
TRIP BLANK	01	10/21/10	–	W	PLASTIC	1	✓			✓					✓														
SOSB101	02	10/21/10	812	S	VARIOUS	8				✓			✓		✓	✓													
SOSB2601	03	10/21/10	930	S	VARIOUS	8				✓			✓		✓	✓													93 - Per Chain JB 10/22/10
SOSB2602	04	10/21/10	918	S	VARIOUS	8				✓			✓		✓	✓						X							
SOSB1101	05	10/21/10	1058	S	VARIOUS	8				✓			✓		✓	✓													
SOSB1102	06	10/21/10	1110	S	VARIOUS	8				✓			✓		✓	✓													
SOSB1501	07	10/21/10	1352	S	VARIOUS	8				✓			✓		✓	✓													
SOSB1701	08	10/21/10	1456	S	VARIOUS	8				✓			✓		✓	✓													
SOSB1801	09	10/21/10	1555	S	VARIOUS	8				✓			✓		✓	✓													
SOFD04	10	10/21/10	1300	S	VARIOUS	8				✓			✓		✓	✓													
SOFD05	11	10/21/10	1200	S	VARIOUS	8				✓			✓		✓	✓													
TOTAL																													

RELINQUISHED BY: (Signature) DATE/TIME 10/21/10 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 10/22/10 1015 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 3.0 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☑ INTACT ☐ NOT USED
☑ CARRIER BILL #: _____
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

COC# 1984

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

№ 46680

CHAIN-OF-CUSTODY

CLIENT: Geo Strata
ADDRESS: 4718 College Park, SA, TX 78249
PHONE: 210 492 7282 FAX/E-MAIL: 210 492 8935
DATA REPORTED TO: Cheri Kries
ADDITIONAL REPORT COPIES TO:

DATE: Oct 21, 2010 PAGE 1 OF 1
PO #: 354847 H DHL WORK ORDER #: 1010167
PROJECT LOCATION OR NAME: HCEI 760 SL11
CLENT PROJECT #: 760 SL11 COLLECTOR: Cheri Kries

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR O=OTHER
L=LIQUID SO=SOLID

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX☐ MTBE☐ [METHOD 8021]	TPH 1005☐ (circled) TPH 1006☐ HOLD 1006☐	GRO [METHOD 8015]☐ DRO [METHOD 8105]☐	VOC 8260☐ (circled) VOC 624☐ VOC 8260/5035☐	SVOC 8270☐ (circled) PAH 8270☐ HOLD PAH☐ SVOC 625☐	8081 PEST☐ 608 PEST/PCB☐ 8270 PEST☐	8270 O-P PEST☐ 8082 PCB☐ 8270 PCB☐	8321 HERB☐ 8330 EXPL☐ PERCHLORATE☐	METALS 6020☐ METALS 200.8☐ DISS. METALS☐	RCRA☐ TX11☐ ____☐	PH☐ HEX CHROM☐ ALKALINITY☐	CHLORIDE☐ ANIONS ____☐	TCLP-SVOC☐ VOC☐ PEST☐ HERB☐	TCLP-METALS☐ RCRA 8☐ TX-11☐ Pb☐	RCI☐ TOX☐ FLASHPOINT☐	TDS☐ TSS☐ % MOISTURE☐ CYANIDE☐	Low 0-500	Med 500 + PSH	High PSH	FIELD NOTES
Trip Blank	12	10-21-10		W	Glass	2	X			X					X													X			
SOSB-2 01	13	10-21-10	0824	S	Various 21	[illegible]				X			X		X	X												X			ms/msd
SOSB-2 02	14	10-21-10	0832	S	Various	8				X			X		X	X												X			
SOSB-3 01	15	10-21-10	1005	S	Various	8				X			X		X	X												X			
SOSB-12 01	16	10-21-10	1124	S	Various	8				X			X		X	X												X			
SOSB 14 01	17	10-21-10	1335	S	Various	8				X			X		X	X												X			
SOSB 14 02	18	10-21-10	1339	S	Various	8				X			X		X	X												X			
SOSB 16 01	19	10-21-10	1450	S	Various	8				X			X		X	X												X			
SOSB 19 01	20	10-21-10	1610	S	Various	8				X			X		X	X												X			
GWFB-4	21	10-21-10	1715	W	Glass	3	X			X					X													X			
GWEB-5	22	10-21-10	1720	W	Glass	8	X			X			X		X	X												X			
TOTAL																															

RELINQUISHED BY: (Signature) [signature] DATE/TIME 10/21/10 1830 RECEIVED BY: (Signature) Shipping Co.
RELINQUISHED BY: (Signature) FedEx DATE/TIME 10/22/10 1015 RECEIVED BY: (Signature) [signature]
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 4.2 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☑ INTACT ☐ NOT USED
☑ CARRIER BILL #: FedEx
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

COC# 1985

№ 46689

CHAIN-OF-CUSTODY

CLIENT: GEO STRATA
ADDRESS: 4718 College Park, S.A. TX 78249
PHONE: (210)492-7282 FAX/E-MAIL: 210-492-8935
DATA REPORTED TO: CHERI KRIEG
ADDITIONAL REPORT COPIES TO:

DATE: OCT 21, 2010 PAGE 1 OF 1
PO #: ~~1985~~ 354848H DHL WORK ORDER #: 10/0/67
PROJECT LOCATION OR NAME: HCEI 760-SL11
CLENT PROJECT #: 760-SL11 COLLECTOR: Ruby Arredondo

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOIL

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES BTEX ☐ MTBE ☐ (METHOD 8021)	TPH 1005 ✓ TPH 1006 ☐ HOLD 1006 ☐	GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐	VOC 8260 ✓ VOC 624 ☐ VOC 8260/5035 ☐	SVOC 8270 ☐ PAH 8270 ✓ HOLD PAH ☐ SVOC 625 ☐	8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐	8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐	8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐	METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐	RCRA ☐ TX11 ☐ ____	PH ☐ HEX. CHROM ☐ ALKALINITY ☐	CHLORIDE ☐ ANIONS ____ ☐	TCLP SVOC ☐ VOC ☐ PEST ☐ HERB ☐	TCLP METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐	RCI ☐ TOX ☐ FLASHPOINT ☐ CYANIDE ☐	TDS ☐ TSS ☐ % MOISTURE ☐	LOW 0-500	FIELD NOTES
TRIP BLANK	23	10/21/10		W	GLASS	2	X			X					X																		
GW-06	24	10/21/10	1510	W	GLASS	8	✓			✓			✓		✓	✓													✓				
GW-02	25	10/21/10	1650	W	GLASS	8	✓			✓			✓		✓	✓													✓				
Temp BLANK	26																																
TOTAL																																	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Ruby Arredondo	10/21/10 1830	SHIPPING
Jed Lee	10/22/10 1015	[illegible]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 1.9 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: Jed Lee
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express — *US Airbill*

FedEx Tracking Number 8705 3918 9639

Form ID No. 0200 — **Recipient's Copy**

1 From

Date 10/21/10

Sender's Name R GREEN Phone 210 492 7282

Company GeoSTRATA ENVIRONMENTAL

Address 4718 College PARK

Dept./Floor/Suite/Room

City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference HCEF

3 To

Recipient's Name Phone 512 388 8222

Company DHL Analytical

HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 2300 Double Creek

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Print FedEx location address here if a HOLD option is selected.

City Round Rock State TX ZIP 78664

8705 3918 9639

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages ____ Total Weight ____ lbs. Total Declared Value† $ ____ .00 * Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

CUSTODY SEAL
DATE 10.21.10
SIGNATURE

REC
Quality Environmental Containers
800-255-3950 • 304-255-3900

FedEx Express US Airbill

FedEx Tracking Number 8705 3918 9640

0200 Recipient's Copy

1 From

Date 10/21/10

Sender's Name R GREEN Phone 210 492 7282

Company GED STRATA

Address 4718 College PARK

Dept./Floor/Suite/Room

City SAN ANTONIO State TX ZIP 78249

2 Your Internal Billing Reference HCET

3 To

Recipient's Name Phone 512 388 8222

Company DHL Analytical

HOLD Weekday Print FedEx location address below. NOT available for FedEx First Overnight.

HOLD Saturday Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address 2300 Double CREEK DR.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Print FedEx location address here if a HOLD option is selected.

City Round Rock State TX ZIP 78664

8705 3918 9640

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

Obtain Recip. Acct. No. [ ]

- [ ] Sender Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Enter FedEx Acct. No. or Credit Card No. below.

Total Packages Total Weight lbs. Total Declared Value† Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

CUSTODY SEAL
DATE 10/21/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 · 304-255-3900

FedEx Express — US Airbill

FedEx Tracking Number: 8705 3918 9628

0200 — Recipient's Copy

1 From

Date: 10/21/10

Sender's Name: R. GREEN — Phone: 210 492 7282

Company: GeoSTRATA ENVIRONMENTAL

Address: 4718 College PARK — Dept./Floor/Suite/Room

City: SAN ANTONIO — State: TX — ZIP: 78249

2 Your Internal Billing Reference: HCEI

3 To

Recipient's Name — Phone: 512 388 8222

Company: DHL ENVIRONMENTAL

☐ HOLD Weekday — Print FedEx location address below. NOT available for FedEx First Overnight.

☐ HOLD Saturday — Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address: 3300 Double CREEK — Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address — Print FedEx location address here if a HOLD option is selected.

City: Round ROCK — State: TX — ZIP: 78664

8705 3918 9628

4a Express Package Service • To most locations. — *Packages up to 150 lbs.*

- ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service • To most locations. — *Packages over 150 lbs.*

- ☐ FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Sunrise lbs.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging • Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice — Dry Ice, 9, UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

☐ Sender — Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. — Obtain Recip. Acct. No. ☐

Total Packages: 1 — Total Weight: 57 lbs. — Total Declared Value: $ _____ .00 — Credit Card Auth.

*Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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CUSTODY SEAL
DATE 10/21/10
SIGNATURE

REC
Quality Environmental Containers
800-255-3980 • 304-255-3980

DHL Analytical

Sample Receipt Checklist

Client Name Geo Strata Environmental Consultants

Date Received: 10/22/2010

Work Order Number 1010167

Received by JB

Checklist completed by: JBarker 10/22/10 (Signature / Date)

Reviewed by SS 10.22.10 (Initials / Date)

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	3.0 °C, 4.2, 1.9°
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted GeoStrata Date contacted: 10/22/10 Person contacted Cheri Krieg

Contacted by: JBarker Regarding: SD-SB26-02

Comments: Per Cheri, analyze for RCRA metals only on sample SD-SB26-02.

Corrective Action Logged in for requested analysis.

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

11/01/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 11/1/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010167
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R7-03
		4) Were MS/MSD RPDs within laboratory QC limits?		X			R7-04
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 11/1/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010167

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			S9-01
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	**CETAC_HG_10102**	Prep Date:	**10/25/2010**
SampID:	**DCS-43563**	Anaysis Date:	**10/26/2010**
TestNo:	**SW7471A**	Units:	**mg/Kg**
BatchID:	**43563**		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Mercury	0.0188	0.04	0.02	94.0	60	140	

DCS REPORTING

RunID:	GC12_101022B	Prep Date:	10/21/2010
SampID:	DCS-43528	Anaysis Date:	10/22/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43528		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	7.57	20	10	75.7	50	200	

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	9/3/2010
SampID:	DCS-42896	Anaysis Date:	9/4/2010
TestNo:	SW8260B	Umits:	µg/Kg
BatchID:	42896		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	1.85	5	2.32	79.7	50	150	
1,1,1-Trichloroethane	2.15	5	2.32	92.7	60	140	
1,1,2,2-Tetrachloroethane	2.30	5	2.32	99.1	50	150	
1,1,2-Trichloroethane	1.99	5	2.32	85.8	40	160	
1,1,2-Trichlorotrifluoroethane	2.07	15	2.32	89.2	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	1.83	5	2.32	78.9	50	150	
1,1-Dichloropropene	2.01	5	2.32	86.6	30	170	
1,2,3-Trichlorobenzene	1.45	5	2.32	62.5	20	180	
1,2,3-Trichloropropane	1.82	5	2.32	78.4	20	180	
1,2,4-Trichlorobenzene	1.65	5	2.32	71.1	20	180	
1,2,4-Trimethylbenzene	1.83	5	2.32	78.9	20	180	
1,2-Dibromo-3-chloropropane	1.70	5	2.32	73.3	20	180	
1,2-Dibromoethane	1.82	5	2.32	78.4	40	160	
1,2-Dichlorobenzene	1.95	5	2.32	84.1	50	150	
1,2-Dichloroethane	2.28	5	2.32	98.3	50	150	
1,2-Dichloropropane	2.04	5	2.32	87.9	40	160	
1,3,5-Trimethylbenzene	1.93	5	2.32	83.2	20	180	
1,3-Dichlorobenzene	1.96	5	2.32	84.5	50	150	
1,3-Dichloropropane	1.94	5	2.32	83.6	50	150	
1,4-Dichloro-2-butene	1.33	5	2.32	57.3	20	180	
1,4-Dichlorobenzene	1.99	5	2.32	85.8	50	150	
1-Chlorohexane	3.15	5	2.32	136	20	180	
2,2-Dichloropropane	1.65	5	2.32	71.1	40	160	
2-Chloroethylvinylether	1.69	15	2.32	72.8	20	180	
2-Chlorotoluene	1.99	5	2.32	85.8	50	150	
4-Chlorotoluene	1.96	5	2.32	84.5	20	180	
Acetone	12.8	50	11.6	110	20	200	
Acrolein	4.54	50	5.8	78.3	20	200	
Acrylonitrile	3.71	10	4.64	80.0	30	170	
Benzene	2.20	5	2.32	94.8	50	150	
Bromobenzene	2.05	5	2.32	88.4	50	150	
Bromochloromethane	2.01	5	2.32	86.6	30	170	
Bromodichloromethane	1.99	5	2.32	85.8	50	150	
Bromoform	1.70	5	2.32	73.3	30	120	
Bromomethane	1.73	5	2.32	74.6	20	200	
Carbon disulfide	2.46	5	2.32	106	20	200	
Carbon tetrachloride	2.18	5	2.32	94.0	50	150	
Chlorobenzene	2.05	5	2.32	88.4	50	150	
Chloroethane	0.720	5	2.32	31.0	20	180	
Chloroform	2.20	5	2.32	94.8	50	150	
Chloromethane	2.24	5	2.32	96.6	40	180	
cis-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	9/3/2010
SampID:	DCS-42896	Anaysis Date:	9/4/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42896		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
cis-1,3-Dichloropropene	1.78	5	2.32	76.7	40	160	
Cyclohexane	2.20	15	2.32	94.8	20	180	
Dibromochloromethane	1.85	5	2.32	79.7	40	160	
Dibromomethane	2.12	5	2.32	91.4	50	150	
Dichlorodifluoromethane	2.12	5	2.32	91.4	50	150	
Ethylbenzene	1.92	5	2.32	82.8	60	140	
Hexachlorobutadiene	1.43	5	2.32	61.6	20	200	
Iodomethane	2.00	5	2.32	86.2	20	200	
Isopropylbenzene	1.85	5	2.32	79.7	30	170	
m,p-Xylene	3.79	5	4.64	81.7	40	160	
Methyl Acetate	2.89	15	2.32	125	30	180	
Methyl tert-butyl ether	2.10	5	2.32	90.5	50	150	
Methylcyclohexane	2.01	15	2.32	86.6	20	200	
Methylene chloride	2.69	5	2.32	116	20	200	
n-Butylbenzene	1.70	5	2.32	73.3	20	180	
n-Propylbenzene	2.08	5	2.32	89.7	40	160	
Naphthalene	1.96	15	2.32	84.5	20	200	
o-Xylene	1.79	5	2.32	77.2	30	170	
p-Isopropyltoluene	1.63	5	2.32	70.3	20	180	
sec-Butylbenzene	1.77	5	2.32	76.3	30	170	
Styrene	2.89	5	2.32	125	20	200	
tert-Butylbenzene	1.80	5	2.32	77.6	20	180	
Tetrachloroethene	1.87	5	2.32	80.6	50	150	
Toluene	2.11	5	2.32	90.9	40	160	
Total Xylenes	5.58	5	6.96	80.2	30	170	
trans-1,2-Dichloroethene	2.05	5	2.32	88.4	50	150	
trans-1,3-Dichloropropene	1.70	5	2.32	73.3	40	160	
Trichloroethene	1.97	5	2.32	84.9	50	150	
Trichlorofluoromethane	2.17	15	2.32	93.5	50	150	
Vinyl acetate	4.96	15	5.8	85.5	20	200	
Vinyl chloride	1.92	5	2.32	82.8	50	150	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	
SampID:	DCS2-42896	Anaysis Date:	9/7/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R51236		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	3.02	15	2.32	130	40	160	
2-Hexanone	2.10	15	2.32	90.5	20	180	
4-Methyl-2-pentanone	2.16	15	2.32	93.1	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	2.24	5	2.32	96.6	50	150	
1,1,1-Trichloroethane	2.30	5	2.32	99.1	60	140	
1,1,2,2-Tetrachloroethane	2.29	5	2.32	98.7	50	150	
1,1,2-Trichloroethane	2.17	5	2.32	93.5	40	160	
1,1,2-Trichlorotrifluoroethane	2.08	15	2.32	89.7	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	2.10	5	2.32	90.5	50	150	
1,1-Dichloropropene	2.22	5	2.32	95.7	30	170	
1,2,3-Trichlorobenzene	3.10	5	2.32	134	20	180	
1,2,3-Trichloropropane	2.16	5	2.32	93.1	20	180	
1,2,4-Trichlorobenzene	2.46	5	2.32	106	20	180	
1,2,4-Trimethylbenzene	2.26	5	2.32	97.4	20	180	
1,2-Dibromo-3-chloropropane	2.20	5	2.32	94.8	20	180	
1,2-Dibromoethane	2.26	5	2.32	97.4	40	160	
1,2-Dichlorobenzene	2.26	5	2.32	97.4	50	150	
1,2-Dichloroethane	2.39	5	2.32	103	50	150	
1,2-Dichloropropane	2.16	5	2.32	93.1	40	160	
1,3,5-Trimethylbenzene	2.27	5	2.32	97.8	20	180	
1,3-Dichlorobenzene	2.27	5	2.32	97.8	50	150	
1,3-Dichloropropane	2.39	5	2.32	103	50	150	
1,4-Dichloro-2-butene	2.07	5	2.32	89.2	20	180	
1,4-Dichlorobenzene	2.43	5	2.32	105	50	150	
1-Chlorohexane	3.23	5	2.32	139	20	180	
2,2-Dichloropropane	2.09	5	2.32	90.1	40	160	
2-Chloroethylvinylether	1.68	15	2.32	72.4	20	180	
2-Chlorotoluene	2.45	5	2.32	106	50	150	
4-Chlorotoluene	2.40	5	2.32	103	20	180	
Acrolein	4.98	50	5.8	85.9	20	200	
Acrylonitrile	4.24	10	4.64	91.4	30	170	
Benzene	2.16	5	2.32	93.1	50	150	
Bromobenzene	2.26	5	2.32	97.4	50	150	
Bromochloromethane	2.13	5	2.32	91.8	30	170	
Bromodichloromethane	2.17	5	2.32	93.5	50	150	
Bromoform	1.82	5	2.32	78.4	30	120	
Bromomethane	2.78	5	2.32	120	20	200	
Carbon disulfide	2.02	5	2.32	87.1	20	200	
Carbon tetrachloride	2.29	5	2.32	98.7	50	150	
Chlorobenzene	2.35	5	2.32	101	50	150	
Chloroethane	2.29	5	2.32	98.7	20	180	
Chloroform	2.32	5	2.32	100	50	150	
Chloromethane	2.45	5	2.32	106	40	180	
cis-1,2-Dichloroethene	2.10	5	2.32	90.5	50	150	
cis-1,3-Dichloropropene	2.03	5	2.32	87.5	40	160	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42633		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Cyclohexane	2.10	15	2.32	90.5	20	180	
Dibromochloromethane	2.04	5	2.32	87.9	40	160	
Dibromomethane	2.19	5	2.32	94.4	50	150	
Dichlorodifluoromethane	1.86	5	2.32	80.2	50	150	
Ethylbenzene	2.30	5	2.32	99.1	60	140	
Hexachlorobutadiene	2.60	5	2.32	112	20	200	
Iodomethane	2.08	5	2.32	89.7	20	200	
Isopropyl alcohol	7.06	50	5.8	122	20	200	
Isopropylbenzene	2.32	5	2.32	100	30	170	
m,p-Xylene	4.53	5	4.64	97.6	40	160	
Methyl Acetate	2.49	15	2.32	107	30	180	
Methyl tert-butyl ether	2.30	5	2.32	99.1	50	150	
Methylcyclohexane	2.11	15	2.32	90.9	20	200	
Methylene chloride	3.19	5	2.32	138	20	200	
n-Butylbenzene	2.19	5	2.32	94.4	20	180	
n-Propylbenzene	2.26	5	2.32	97.4	40	160	
Naphthalene	3.05	15	2.32	131	20	200	
o-Xylene	2.28	5	2.32	98.3	30	170	
p-Isopropyltoluene	2.22	5	2.32	95.7	20	180	
sec-Butylbenzene	2.29	5	2.32	98.7	30	170	
Styrene	2.09	5	2.32	90.1	20	200	
tert-Butylbenzene	2.33	5	2.32	100	20	180	
Tetrachloroethene	2.25	5	2.32	97.0	50	150	
Toluene	2.28	5	2.32	98.3	40	160	
Total Xylenes	6.81	5	6.96	97.8	30	170	
trans-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	
trans-1,3-Dichloropropene	1.95	5	2.32	84.1	40	160	
Trichloroethene	2.07	5	2.32	89.2	50	150	
Trichlorofluoromethane	2.33	15	2.32	100	50	150	
Vinyl acetate	5.59	15	5.8	96.4	20	200	
Vinyl chloride	2.04	5	2.32	87.9	50	150	

DCS REPORTING

RunID:	GCMS2_100817A	Prep Date:	8/18/2010
SampID:	DCS2-42633	Anaysis Date:	8/18/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R50959		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	2.82	15	2.32	122	40	160	
2-Hexanone	2.68	15	2.32	116	20	180	
4-Methyl-2-pentanone	2.35	15	2.32	101	50	150	
Acetone	2.25	50	2.32	97.0	20	200	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS3-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4-Trimethylbenzene	0.880	5	0.928	94.8	20	180	
1,3,5-Trimethylbenzene	0.890	5	0.928	95.9	20	180	
1,4-Dichloro-2-butene	0.440	2	0.928	47.4	20	180	
1-Chlorohexane	0.920	5	0.928	99.1	20	180	
Bromomethane	0.440	1	0.928	47.4	20	200	
Chloroethane	0.960	1	0.928	103	20	180	
Dibromomethane	0.710	1	0.928	76.5	50	150	
Hexachlorobutadiene	0.760	3	0.928	81.9	20	200	
Isopropyl ether (DIPE)	1.11	2	0.928	120	20	200	
Methylene chloride	1.65	2.5	0.928	178	20	200	
Tert-amyl methyl ether (TAME)	1.10	2	0.928	119	20	200	
Tert-butanol (TBA)	6.11	20	4.64	132	20	200	
Tetrachloroethene	0.900	2	0.928	97.0	50	150	
Toluene	1.10	2	0.928	119	40	160	
Trichloroethene	1.07	2	0.928	115	50	150	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Naphthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

DCS REPORTING

RunID:	GCMS6_101008B	Prep Date:	10/8/2010
SampID:	DCS2-43366-PAH	Anaysis Date:	10/8/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	43366		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00395	0.01	0.01	39.5	10	200	
2-Methylnaphthalene	0.00486	0.01	0.01	48.6	10	200	
Acenaphthene	0.00743	0.01	0.01	74.3	10	200	
Acenaphthylene	0.00588	0.01	0.01	58.8	10	200	
Anthracene	0.00595	0.01	0.01	59.5	10	200	
Benzo[a]anthracene	0.00886	0.01	0.01	88.6	10	200	
Benzo[a]pyrene	0.00760	0.01	0.01	76.0	10	200	
Benzo[b]fluoranthene	0.00858	0.01	0.01	85.8	10	200	
Benzo[e]pyrene	0.00696	0.01	0.01	69.6	10	200	
Benzo[g,h,i]perylene	0.00827	0.01	0.01	82.7	10	200	
Benzo[k]fluoranthene	0.00735	0.01	0.01	73.5	10	200	
Biphenyl	0.00871	0.01	0.01	87.1	10	200	
Chrysene	0.00965	0.01	0.01	96.5	10	200	
Dibenz[a,h]anthracene	0.00966	0.01	0.01	96.6	10	200	
Fluoranthene	0.00775	0.01	0.01	77.5	10	200	
Fluorene	0.00526	0.01	0.01	52.6	10	200	
Indeno[1,2,3-cd]pyrene	0.00897	0.01	0.01	89.7	10	200	
Naphthalene	0.00770	0.01	0.01	77.0	10	200	
Phenanthrene	0.00720	0.01	0.01	72.0	10	200	
Pyrene	0.00779	0.01	0.01	77.9	10	200	
Quinoline	0.00580	0.01	0.01	58.0	10	200	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.200	1	0.232	86.2	50	150	
1,1,1-Trichloroethane	0.260	1	0.232	112	60	140	
1,1,2,2-Tetrachloroethane	0.210	1	0.232	90.5	50	150	
1,1,2-Trichloroethane	0.240	1	0.232	103	40	160	
1,1-Dichloroethane	0.270	1	0.232	116	50	150	
1,1-Dichloroethene	0.250	1	0.232	108	50	150	
1,1-Dichloropropene	0.200	1	0.232	86.2	30	170	
1,2,3-Trichloropropane	0.110	1	0.232	47.4	20	180	
1,2-Dibromoethane	0.210	1	0.232	90.5	40	160	
1,2-Dichlorobenzene	0.210	1	0.232	90.5	50	150	
1,2-Dichloropropane	0.180	1	0.232	77.6	40	160	
1,3-Dichlorobenzene	0.220	1	0.232	94.8	50	150	
1,3-Dichloropropane	0.240	1	0.232	103	50	150	
1,4-Dichlorobenzene	0.240	1	0.232	103	50	150	
2,2-Dichloropropane	0.160	1	0.232	69.0	40	160	
2-Chlorotoluene	0.240	1	0.232	103	50	150	
4-Chlorotoluene	0.220	1	0.232	94.8	20	180	
Acrylonitrile	0.150	3	0.464	32.3	30	170	
Benzene	0.300	1	0.232	129	50	150	
Bromobenzene	0.230	1	0.232	99.1	50	150	
Bromochloromethane	0.140	1	0.232	60.3	30	170	
Bromodichloromethane	0.300	1	0.232	129	50	150	
Carbon tetrachloride	0.200	1	0.232	86.2	50	150	
Chlorobenzene	0.260	1	0.232	112	50	150	
Chloroform	0.280	1	0.232	121	50	150	
Chloromethane	0.220	1	0.232	94.8	40	180	
cis-1,2-Dichloroethene	0.240	1	0.232	103	50	150	
cis-1,3-Dichloropropene	0.200	1	0.232	86.2	40	160	
Dibromochloromethane	0.330	1	0.232	142	40	160	
Dichlorodifluoromethane	0.210	1	0.232	90.5	50	150	
Ethylbenzene	0.250	1	0.232	108	60	140	
Isopropylbenzene	0.210	1	0.232	90.5	30	170	
Methyl tert-butyl ether	0.290	1	0.232	125	50	150	
n-Butylbenzene	0.200	1	0.232	86.2	20	180	
n-Propylbenzene	0.230	1	0.232	99.1	40	160	
o-Xylene	0.250	1	0.232	108	30	170	
p-Isopropyltoluene	0.190	1	0.232	81.9	20	180	
sec-Butylbenzene	0.210	1	0.232	90.5	30	170	
Styrene	0.210	1	0.232	90.5	20	200	
tert-Butylbenzene	0.220	1	0.232	94.8	20	180	
Total THMs	1.23	1	0.928	133	30	160	
Total Xylenes	0.450	1	0.696	64.7	30	170	
trans-1,2-Dichloroethene	0.260	1	0.232	112	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
trans-1,3-Dichloropropene	0.180	1	0.232	77.6	40	160	
Trichlorofluoromethane	0.250	1	0.232	108	50	150	
Vinyl chloride	0.160	1	0.232	69.0	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS2-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2-Dichloroethane	0.530	1	0.464	114	50	150	
Bromoform	0.540	1	0.464	116	30	120	
m,p-Xylene	0.930	2	0.928	100	40	160	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SamplID:	DCS4-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	5.54	15	4.64	119	40	160	
1,2,3-Trichlorobenzene	5.19	5	4.64	112	20	180	
1,2,4-Trichlorobenzene	5.69	5	4.64	123	20	180	
1,2-Dibromo-3-chloropropane	5.83	10	4.64	126	20	180	
2-Butanone	5.82	15	4.64	125	40	160	
2-Chloroethylvinylether	5.30	15	4.64	114	20	180	
2-Hexanone	4.77	15	4.64	103	20	180	
4-Methyl-2-pentanone	4.79	15	4.64	103	50	150	
Acetone	7.97	15	4.64	172	20	200	
Carbon disulfide	5.02	15	4.64	108	20	200	
Cyclohexane	6.03	15	4.64	130	20	180	
Iodomethane	3.59	15	4.64	77.4	20	200	
Methyl Acetate	6.12	15	4.64	132	30	180	
Methylcyclohexane	4.97	15	4.64	107	20	200	
Naphthalene	5.90	15	4.64	127	20	200	

DCS REPORTING

RunID:	ICP-MS2_101025A	Prep Date:	10/25/2010
SampID:	DCS1-43552	Anaysis Date:	10/25/2010
TestNo:	SW6020	Units:	mg/Kg
BatchID:	43552		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Beryllium	0.167	0.3	0.15	112	60	140	
Cadmium	0.152	0.3	0.15	101	60	140	
Lead	0.166	0.3	0.15	110	60	140	
Selenium	0.173	0.5	0.15	115	60	140	
Silver	0.154	0.2	0.15	103	60	140	

DCS REPORTING

RunID:	ICP-MS2_101025A	Prep Date:	10/25/2010
SampID:	DCS2-43552	Anaysis Date:	10/25/2010
TestNo:	SW6020	Units:	mg/Kg
BatchID:	43552		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
Aluminum	14.5	13	12.5	116	60	140	
Antimony	1.05	1	1	105	60	140	
Arsenic	0.950	1	1	95.0	60	140	
Barium	1.03	2	1	103	60	140	
Boron	1.38	7.5	1	138	60	140	
Calcium	23.0	13	25	92.2	60	140	
Chromium	1.10	2	1	110	60	140	
Cobalt	0.968	2	1	96.8	60	140	
Copper	0.928	2	1	92.8	60	140	
Iron	15.6	13	12.5	125	60	140	
Lithium	1.18	2	1	118	60	140	
Magnesium	28.5	13	25	114	60	140	
Manganese	1.09	2	1	109	60	140	
Molybdenum	0.990	2	1	99.0	60	140	
Nickel	0.848	2	1	84.8	60	140	
Potassium	32.9	13	25	132	60	140	
Strontium	0.964	2.5	1	96.4	60	140	
Thallium	1.02	1	1	102	60	140	
Titanium	1.24	2.5	1	124	60	140	
Vanadium	1.06	2.5	1	106	60	140	

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics by GCMS (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS (soil & water)
Method SW6020 - Metals Analysis
Method SW7471A - Mercury Analysis
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/22/2010. A total of 25 samples were received. The samples arrived in good condition and were properly packaged. RCRA Metals was added to one of the samples per client's request, on 10/22/2010.

Exception Report R7-01

For Volatiles, TX1005 and PAH Organics Analysis, for soils, the reference sample designated for the MS/MSDs is SO-SB2-01 (1010167-13). For Metals, for soils, the reference sample designated for the MS/MSD was SO-SB26-02 (1010167-04). The reference sample selected for the, Mercury (soil) and the aqueous samples submitted, the MS/MSD is not from this workorder. An MS/MSD is not applicable for the Equipment Blank, Field Blank or Trip Blank.

Exception Report R7-03 and R7-04

For Volatiles Analysis, for soils batch 43564, the recoveries and RPD's of several compounds for the Matrix Spike and Matrix Spike Duplicate (1010167-13 MS/MSD) were outside of the method control limits. These are flagged in the QC Summary Report. These compounds are within control limits in the associated LCS. The reference sample selected for this MS/MSD was from this workorder. No further corrective action was taken.

For Metals Analysis, the recovery and RPD for Barium in the Matrix Spike and Matrix Spike Duplicate (1010167-04 MS/MSD) were outside of the method control limits. These are flagged in the QC Summary Report. This analyte is within control limits in the associated LCS. The reference sample selected for this MS/MSD was from this workorder. No further corrective action was taken.

Exception Report S9-01

For Metals Analysis, the recovery of Chromium for the Serial Dilution (1010167-04 SD) was slightly above the method control limits. This was flagged accordingly in the enclosed QC Summary Report. The associated LCS was within the control limits for this analyte. No further corrective actions were taken.

DHL Analytical

Date: 11/01/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010167-01	Trip Blank		10/21/10	10/22/10
1010167-02	SO-SB1-01		10/21/10 08:12 AM	10/22/10
1010167-03	SO-SB26-01		10/21/10 09:30 AM	10/22/10
1010167-04	SO-SB26-02		10/21/10 09:18 AM	10/22/10
1010167-05	SO-SB11-01		10/21/10 10:58 AM	10/22/10
1010167-06	SO-SB11-02		10/21/10 11:10 AM	10/22/10
1010167-07	SO-SB15-01		10/21/10 01:52 PM	10/22/10
1010167-08	SO-SB17-01		10/21/10 02:56 PM	10/22/10
1010167-09	SO-SB18-01		10/21/10 03:55 PM	10/22/10
1010167-10	SO-FD-04		10/21/10 01:00 PM	10/22/10
1010167-11	SO-FD-05		10/21/10 12:00 PM	10/22/10
1010167-12	Trip Blank		10/21/10	10/22/10
1010167-13	SO-SB2-01		10/21/10 08:24 AM	10/22/10
1010167-14	SO-SB2-02		10/21/10 08:32 AM	10/22/10
1010167-15	SO-SB3-01		10/21/10 10:05 AM	10/22/10
1010167-16	SO-SB12-01		10/21/10 11:24 AM	10/22/10
1010167-17	SO-SB14-01		10/21/10 01:35 PM	10/22/10
1010167-18	SO-SB14-02		10/21/10 01:39 PM	10/22/10
1010167-19	SO-SB16-01		10/21/10 02:50 PM	10/22/10
1010167-20	SO-SB19-01		10/21/10 04:10 PM	10/22/10
1010167-21	GW-FB-4		10/21/10 05:15 PM	10/22/10
1010167-22	GW-EB-5		10/21/10 05:20 PM	10/22/10
1010167-23	Trip Blank		10/21/10	10/22/10
1010167-24	GW-06		10/21/10 03:10 PM	10/22/10
1010167-25	GW-02		10/21/10 04:50 PM	10/22/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010167-01A	Trip Blank	10/21/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-02A	SO-SB1-01	10/21/10 08:12 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-02B	SO-SB1-01	10/21/10 08:12 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-02C	SO-SB1-01	10/21/10 08:12 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-02D	SO-SB1-01	10/21/10 08:12 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-03A	SO-SB26-01	10/21/10 09:30 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-03B	SO-SB26-01	10/21/10 09:30 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-03C	SO-SB26-01	10/21/10 09:30 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-03D	SO-SB26-01	10/21/10 09:30 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-04A	SO-SB26-02	10/21/10 09:18 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	10/26/10 09:00 AM	43580
	SO-SB26-02	10/21/10 09:18 AM	Soil	SW7471A	Mercury Soil Prep, Total	10/25/10 10:43 AM	43563
	SO-SB26-02	10/21/10 09:18 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-05A	SO-SB11-01	10/21/10 10:58 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-05B	SO-SB11-01	10/21/10 10:58 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-05C	SO-SB11-01	10/21/10 10:58 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-05D	SO-SB11-01	10/21/10 10:58 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-06A	SO-SB11-02	10/21/10 11:10 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-06B	SO-SB11-02	10/21/10 11:10 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-06C	SO-SB11-02	10/21/10 11:10 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-06D	SO-SB11-02	10/21/10 11:10 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-07A	SO-SB15-01	10/21/10 01:52 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-07B	SO-SB15-01	10/21/10 01:52 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-07C	SO-SB15-01	10/21/10 01:52 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-07D	SO-SB15-01	10/21/10 01:52 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-08A	SO-SB17-01	10/21/10 02:56 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-08B	SO-SB17-01	10/21/10 02:56 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-08C	SO-SB17-01	10/21/10 02:56 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-08D	SO-SB17-01	10/21/10 02:56 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-09A	SO-SB18-01	10/21/10 03:55 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010167-09B	SO-SB18-01	10/21/10 03:55 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-09C	SO-SB18-01	10/21/10 03:55 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-09D	SO-SB18-01	10/21/10 03:55 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-10A	SO-FD-04	10/21/10 01:00 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-10B	SO-FD-04	10/21/10 01:00 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-10C	SO-FD-04	10/21/10 01:00 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-10D	SO-FD-04	10/21/10 01:00 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-11A	SO-FD-05	10/21/10 12:00 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-11B	SO-FD-05	10/21/10 12:00 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-11C	SO-FD-05	10/21/10 12:00 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-11D	SO-FD-05	10/21/10 12:00 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-12A	Trip Blank	10/21/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-13A	SO-SB2-01	10/21/10 08:24 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-13B	SO-SB2-01	10/21/10 08:24 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-13C	SO-SB2-01	10/21/10 08:24 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-13D	SO-SB2-01	10/21/10 08:24 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-14A	SO-SB2-02	10/21/10 08:32 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-14B	SO-SB2-02	10/21/10 08:32 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-14C	SO-SB2-02	10/21/10 08:32 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-14D	SO-SB2-02	10/21/10 08:32 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-15A	SO-SB3-01	10/21/10 10:05 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-15B	SO-SB3-01	10/21/10 10:05 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-15C	SO-SB3-01	10/21/10 10:05 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-15D	SO-SB3-01	10/21/10 10:05 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-16A	SO-SB12-01	10/21/10 11:24 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-16B	SO-SB12-01	10/21/10 11:24 AM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-16C	SO-SB12-01	10/21/10 11:24 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-16D	SO-SB12-01	10/21/10 11:24 AM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-17A	SO-SB14-01	10/21/10 01:35 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010167-17B	SO-SB14-01	10/21/10 01:35 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-17C	SO-SB14-01	10/21/10 01:35 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-17D	SO-SB14-01	10/21/10 01:35 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-18A	SO-SB14-02	10/21/10 01:39 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-18B	SO-SB14-02	10/21/10 01:39 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-18C	SO-SB14-02	10/21/10 01:39 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-18D	SO-SB14-02	10/21/10 01:39 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-19A	SO-SB16-01	10/21/10 02:50 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-19B	SO-SB16-01	10/21/10 02:50 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-19C	SO-SB16-01	10/21/10 02:50 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-19D	SO-SB16-01	10/21/10 02:50 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-20A	SO-SB19-01	10/21/10 04:10 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:51 AM	43564
1010167-20B	SO-SB19-01	10/21/10 04:10 PM	Soil	TX1005	TX1005 Soil Prep	10/22/10 01:40 PM	43550
1010167-20C	SO-SB19-01	10/21/10 04:10 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/27/10 10:44 AM	43603
1010167-20D	SO-SB19-01	10/21/10 04:10 PM	Soil	D2216	Moisture Preparation	10/28/10 08:40 AM	43611
1010167-21A	GW-FB-4	10/21/10 05:15 PM	Field Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-22A	GW-EB-5	10/21/10 05:20 PM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-22B	GW-EB-5	10/21/10 05:20 PM	Equip Blank	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010167-22C	GW-EB-5	10/21/10 05:20 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010167-23A	Trip Blank	10/21/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-24A	GW-06	10/21/10 03:10 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-24B	GW-06	10/21/10 03:10 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010167-24C	GW-06	10/21/10 03:10 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010167-25A	GW-02	10/21/10 04:50 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/26/10 11:09 AM	43586
1010167-25B	GW-02	10/21/10 04:50 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010167-25C	GW-02	10/21/10 04:50 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010167-01A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 01:35 PM	GCMS7_101026A
1010167-02A	SO-SB1-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 01:50 PM	GCMS2_101025A
1010167-02B	SO-SB1-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 09:53 AM	GC12_101025A
1010167-02C	SO-SB1-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/27/10 10:40 PM	GCMS6_101027A
1010167-02D	SO-SB1-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-03A	SO-SB26-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 02:26 PM	GCMS2_101025A
1010167-03B	SO-SB26-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:02 AM	GC12_101025A
1010167-03C	SO-SB26-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/27/10 11:13 PM	GCMS6_101027A
1010167-03D	SO-SB26-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-04A	SO-SB26-02	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
	SO-SB26-02	Soil	SW7471A	Total Mercury: Soil/Solid	43563	1	10/26/10 03:25 PM	CETAC_HG_101026A
	SO-SB26-02	Soil	SW6020	Trace Metals: ICP-MS - Solid	43580	5	10/27/10 12:09 PM	ICP-MS2_101027A
1010167-05A	SO-SB11-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 02:59 PM	GCMS2_101025A
1010167-05B	SO-SB11-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:11 AM	GC12_101025A
1010167-05C	SO-SB11-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/27/10 11:46 PM	GCMS6_101027A
1010167-05D	SO-SB11-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-06A	SO-SB11-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 03:35 PM	GCMS2_101025A
1010167-06B	SO-SB11-02	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:20 AM	GC12_101025A
1010167-06C	SO-SB11-02	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 12:20 AM	GCMS6_101027A
1010167-06D	SO-SB11-02	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-07A	SO-SB15-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 04:09 PM	GCMS2_101025A
1010167-07B	SO-SB15-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:29 AM	GC12_101025A
1010167-07C	SO-SB15-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 12:55 AM	GCMS6_101027A
1010167-07D	SO-SB15-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-08A	SO-SB17-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 04:43 PM	GCMS2_101025A
1010167-08B	SO-SB17-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:38 AM	GC12_101025A
1010167-08C	SO-SB17-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 01:31 AM	GCMS6_101027A
1010167-08D	SO-SB17-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-09A	SO-SB18-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/26/10 08:47 PM	GCMS1_101026C

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010167-09B	SO-SB18-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 10:47 AM	GC12_101025A
1010167-09C	SO-SB18-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 12:21 PM	GCMS6_101028A
1010167-09D	SO-SB18-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-10A	SO-FD-04	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/26/10 09:21 PM	GCMS1_101026C
1010167-10B	SO-FD-04	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 11:06 AM	GC12_101025A
1010167-10C	SO-FD-04	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 12:51 PM	GCMS6_101028A
1010167-10D	SO-FD-04	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-11A	SO-FD-05	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/26/10 09:55 PM	GCMS1_101026C
1010167-11B	SO-FD-05	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 11:15 AM	GC12_101025A
1010167-11C	SO-FD-05	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 01:22 PM	GCMS6_101028A
1010167-11D	SO-FD-05	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-12A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 02:01 PM	GCMS7_101026A
1010167-13A	SO-SB2-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 01:18 PM	GCMS2_101025A
1010167-13B	SO-SB2-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 11:24 AM	GC12_101025A
1010167-13C	SO-SB2-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 02:06 AM	GCMS6_101027A
1010167-13D	SO-SB2-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-14A	SO-SB2-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 06:55 PM	GCMS2_101025A
1010167-14B	SO-SB2-02	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 11:51 AM	GC12_101025A
1010167-14C	SO-SB2-02	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 01:52 PM	GCMS6_101028A
1010167-14D	SO-SB2-02	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-15A	SO-SB3-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 07:28 PM	GCMS2_101025A
1010167-15B	SO-SB3-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:00 PM	GC12_101025A
1010167-15C	SO-SB3-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 02:23 PM	GCMS6_101028A
1010167-15D	SO-SB3-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-16A	SO-SB12-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 08:01 PM	GCMS2_101025A
1010167-16B	SO-SB12-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:09 PM	GC12_101025A
1010167-16C	SO-SB12-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 02:53 PM	GCMS6_101028A
1010167-16D	SO-SB12-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-17A	SO-SB14-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 08:34 PM	GCMS2_101025A

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010167

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010167-17B	SO-SB14-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:18 PM	GC12_101025A
1010167-17C	SO-SB14-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 03:24 PM	GCMS6_101028A
1010167-17D	SO-SB14-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-18A	SO-SB14-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 09:09 PM	GCMS2_101025A
1010167-18B	SO-SB14-02	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:27 PM	GC12_101025A
1010167-18C	SO-SB14-02	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 03:54 PM	GCMS6_101028A
1010167-18D	SO-SB14-02	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-19A	SO-SB16-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 09:41 PM	GCMS2_101025A
1010167-19B	SO-SB16-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:45 PM	GC12_101025A
1010167-19C	SO-SB16-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 04:25 PM	GCMS6_101028A
1010167-19D	SO-SB16-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-20A	SO-SB19-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43564	1	10/25/10 10:13 PM	GCMS2_101025A
1010167-20B	SO-SB19-01	Soil	TX1005	Tx1005 TPH Soil	43550	1	10/25/10 12:54 PM	GC12_101025A
1010167-20C	SO-SB19-01	Soil	SW8270C	PAHs: GC/MS	43603	1	10/28/10 04:56 PM	GCMS6_101028A
1010167-20D	SO-SB19-01	Soil	D2216	Percent Moisture	43611	1	10/28/10 04:30 PM	PMOIST_101028A
1010167-21A	GW-FB-4	Field Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 03:17 PM	GCMS7_101026A
1010167-22A	GW-EB-5	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 03:43 PM	GCMS7_101026A
1010167-22B	GW-EB-5	Equip Blank	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:09 PM	GC12_101025B
1010167-22C	GW-EB-5	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 04:38 PM	GCMS6_101025A
1010167-23A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 02:26 PM	GCMS7_101026A
1010167-24A	GW-06	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 08:49 PM	GCMS7_101026A
1010167-24B	GW-06	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:18 PM	GC12_101025B
1010167-24C	GW-06	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 05:10 PM	GCMS6_101025A
1010167-25A	GW-02	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43586	1	10/26/10 09:15 PM	GCMS7_101026A
1010167-25B	GW-02	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:27 PM	GC12_101025B
1010167-25C	GW-02	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 05:40 PM	GCMS6_101025A

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-01
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 01:35 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 01:35 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 01:35 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 01:35 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 01:35 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 01:35 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 01:35 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 01:35 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 01:35 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-01
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 01:35 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 01:35 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 01:35 PM
Surr: 1,2-Dichloroethane-d4	91.1	0	72 - 119		%REC	1	10/26/10 01:35 PM
Surr: 4-Bromofluorobenzene	95.1	0	76 - 119		%REC	1	10/26/10 01:35 PM
Surr: Dibromofluoromethane	93.1	0	85 - 115		%REC	1	10/26/10 01:35 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 01:35 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB1-01
Project:	Hillcrest CEI	Lab ID:	1010167-02
Project No:	760-SL11	Collection Date:	10/21/10 08:12 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 09:53 AM
T/R Hydrocarbons: >C12-C28	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 09:53 AM
T/R Hydrocarbons: >C28-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 09:53 AM
T/R Hydrocarbons: C6-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 09:53 AM
Surr: Isopropylbenzene	85.3	0	70 - 130		%REC	1	10/25/10 09:53 AM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 09:53 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Acenaphthylene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Anthracene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Benzo[a]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Benzo[a]pyrene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Benzo[b]fluoranthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Benzo[g,h,i]perylene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Benzo[k]fluoranthene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Chrysene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Dibenz[a,h]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Fluoranthene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Fluorene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Naphthalene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Phenanthrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Pyrene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/27/10 10:40 PM
Surr: 2-Fluorobiphenyl	53.1	0	40 - 140		%REC	1	10/27/10 10:40 PM
Surr: 4-Terphenyl-d14	80.7	0	40 - 140		%REC	1	10/27/10 10:40 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,1,2,2-Tetrachloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,1,2-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,1,2-Trichlorotrifluoroethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
1,1-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,1-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2,4-Trichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2-Dibromo-3-chloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2-Dibromoethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,2-Dichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,3-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
1,4-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
2-Butanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
2-Hexanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
4-Methyl-2-pentanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
Acetone	0.0207	0.0164	0.0546	J	mg/Kg-dry	1	10/25/10 01:50 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB1-01
Project:	Hillcrest CEI	Lab ID:	1010167-02
Project No:	760-SL11	Collection Date:	10/21/10 08:12 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Bromodichloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Bromoform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Bromomethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Carbon disulfide	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Carbon tetrachloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Chlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Chloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Chloroform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Chloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
cis-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
cis-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Cyclohexane	<0.00546	0.00546	0.0164	N	mg/Kg-dry	1	10/25/10 01:50 PM
Dibromochloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Dichlorodifluoromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Ethylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Isopropylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
m,p-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Methyl Acetate	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
Methyl tert-butyl ether	0.0129	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Methylcyclohexane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
Methylene chloride	<0.00546	0.00546	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
o-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Styrene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Tetrachloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Toluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
trans-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
trans-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Trichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Trichlorofluoromethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 01:50 PM
Vinyl chloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 01:50 PM
Surr: 1,2-Dichloroethane-d4	113	0	52 - 149		%REC	1	10/25/10 01:50 PM
Surr: 4-Bromofluorobenzene	103	0	84 - 118		%REC	1	10/25/10 01:50 PM
Surr: Dibromofluoromethane	98.3	0	65 - 135		%REC	1	10/25/10 01:50 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/25/10 01:50 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	17.8	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB26-01
Project:	Hillcrest CEI	Lab ID:	1010167-03
Project No:	760-SL11	Collection Date:	10/21/10 09:30 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.22	6.22	17.8		mg/Kg-dry	1	10/25/10 10:02 AM
T/R Hydrocarbons: >C12-C28	<6.22	6.22	17.8		mg/Kg-dry	1	10/25/10 10:02 AM
T/R Hydrocarbons: >C28-C35	<6.22	6.22	17.8		mg/Kg-dry	1	10/25/10 10:02 AM
T/R Hydrocarbons: C6-C35	<6.22	6.22	17.8		mg/Kg-dry	1	10/25/10 10:02 AM
Surr: Isopropylbenzene	91.0	0	70 - 130		%REC	1	10/25/10 10:02 AM
Surr: Octacosane	99.9	0	70 - 130		%REC	1	10/25/10 10:02 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Acenaphthylene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Anthracene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Benzo[a]anthracene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Benzo[a]pyrene	<0.0349	0.0349	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Benzo[b]fluoranthene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Benzo[g,h,i]perylene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Benzo[k]fluoranthene	<0.0349	0.0349	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Chrysene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Dibenz[a,h]anthracene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Fluoranthene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Fluorene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Indeno[1,2,3-cd]pyrene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Naphthalene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Phenanthrene	<0.0116	0.0116	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Pyrene	<0.0233	0.0233	0.0582		mg/Kg-dry	1	10/27/10 11:13 PM
Surr: 2-Fluorobiphenyl	49.1	0	40 - 140		%REC	1	10/27/10 11:13 PM
Surr: 4-Terphenyl-d14	71.9	0	40 - 140		%REC	1	10/27/10 11:13 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,1,2,2-Tetrachloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,1,2-Trichloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,1,2-Trichlorotrifluoroethane	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
1,1-Dichloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,1-Dichloroethene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2,4-Trichlorobenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2-Dibromo-3-chloropropane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2-Dibromoethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2-Dichlorobenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2-Dichloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,2-Dichloropropane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,3-Dichlorobenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
1,4-Dichlorobenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
2-Butanone	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
2-Hexanone	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
4-Methyl-2-pentanone	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
Acetone	<0.0146	0.0146	0.0488		mg/Kg-dry	1	10/25/10 02:26 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB26-01
Project:	Hillcrest CEI	Lab ID:	1010167-03
Project No:	760-SL11	Collection Date:	10/21/10 09:30 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Bromodichloromethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Bromoform	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Bromomethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Carbon disulfide	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Carbon tetrachloride	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Chlorobenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Chloroethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Chloroform	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Chloromethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
cis-1,2-Dichloroethene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
cis-1,3-Dichloropropene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Cyclohexane	<0.00488	0.00488	0.0146	N	mg/Kg-dry	1	10/25/10 02:26 PM
Dibromochloromethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Dichlorodifluoromethane	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Ethylbenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Isopropylbenzene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
m,p-Xylene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Methyl Acetate	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
Methyl tert-butyl ether	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Methylcyclohexane	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
Methylene chloride	<0.00488	0.00488	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
o-Xylene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Styrene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Tetrachloroethene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Toluene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
trans-1,2-Dichloroethene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
trans-1,3-Dichloropropene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Trichloroethene	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Trichlorofluoromethane	<0.00488	0.00488	0.0146		mg/Kg-dry	1	10/25/10 02:26 PM
Vinyl chloride	<0.000976	0.000976	0.00488		mg/Kg-dry	1	10/25/10 02:26 PM
Surr: 1,2-Dichloroethane-d4	132	0	52 - 149		%REC	1	10/25/10 02:26 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/25/10 02:26 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 02:26 PM
Surr: Toluene-d8	102	0	84 - 116		%REC	1	10/25/10 02:26 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	16.7	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB26-02
Project:	Hillcrest CEI	Lab ID:	1010167-04
Project No:	760-SL11	Collection Date:	10/21/10 09:18 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Trace Metals: ICP-MS - Solid		SW6020					Analyst: KL
Arsenic	3.71	0.566	1.13		mg/Kg-dry	5	10/27/10 12:09 PM
Barium	139	0.566	2.26		mg/Kg-dry	5	10/27/10 12:09 PM
Cadmium	0.370	0.113	0.340		mg/Kg-dry	5	10/27/10 12:09 PM
Chromium	15.8	0.566	2.26		mg/Kg-dry	5	10/27/10 12:09 PM
Lead	12.2	0.113	0.340		mg/Kg-dry	5	10/27/10 12:09 PM
Selenium	1.55	0.170	0.566		mg/Kg-dry	5	10/27/10 12:09 PM
Silver	0.210	0.113	0.226	J	mg/Kg-dry	5	10/27/10 12:09 PM
Total Mercury: Soil/Solid		SW7471A					Analyst: LM
Mercury	<0.0189	0.0189	0.0472		mg/Kg-dry	1	10/26/10 03:25 PM
Percent Moisture		D2216					Analyst: JCG
Percent Moisture	19.0	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB11-01
Project:	Hillcrest CEI	Lab ID:	1010167-05
Project No:	760-SL11	Collection Date:	10/21/10 10:58 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.86	6.86	19.6		mg/Kg-dry	1	10/25/10 10:11 AM
T/R Hydrocarbons: >C12-C28	<6.86	6.86	19.6		mg/Kg-dry	1	10/25/10 10:11 AM
T/R Hydrocarbons: >C28-C35	<6.86	6.86	19.6		mg/Kg-dry	1	10/25/10 10:11 AM
T/R Hydrocarbons: C6-C35	<6.86	6.86	19.6		mg/Kg-dry	1	10/25/10 10:11 AM
Surr: Isopropylbenzene	89.3	0	70 - 130		%REC	1	10/25/10 10:11 AM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 10:11 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Acenaphthylene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Anthracene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Benzo[a]anthracene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Benzo[a]pyrene	<0.0379	0.0379	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Benzo[b]fluoranthene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Benzo[g,h,i]perylene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Benzo[k]fluoranthene	<0.0379	0.0379	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Chrysene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Dibenz[a,h]anthracene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Fluoranthene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Fluorene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Indeno[1,2,3-cd]pyrene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Naphthalene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Phenanthrene	<0.0126	0.0126	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Pyrene	<0.0252	0.0252	0.0631		mg/Kg-dry	1	10/27/10 11:46 PM
Surr: 2-Fluorobiphenyl	53.6	0	40 - 140		%REC	1	10/27/10 11:46 PM
Surr: 4-Terphenyl-d14	77.7	0	40 - 140		%REC	1	10/27/10 11:46 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,1,2,2-Tetrachloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,1,2-Trichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,1,2-Trichlorotrifluoroethane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
1,1-Dichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,1-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2,4-Trichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2-Dibromo-3-chloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2-Dibromoethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2-Dichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,2-Dichloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,3-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
1,4-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
2-Butanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
2-Hexanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
4-Methyl-2-pentanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
Acetone	<0.0162	0.0162	0.0540		mg/Kg-dry	1	10/25/10 02:59 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB11-01
Project:	Hillcrest CEI	Lab ID:	1010167-05
Project No:	760-SL11	Collection Date:	10/21/10 10:58 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Bromodichloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Bromoform	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Bromomethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Carbon disulfide	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Carbon tetrachloride	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Chlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Chloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Chloroform	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Chloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
cis-1,2-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
cis-1,3-Dichloropropene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Cyclohexane	<0.00540	0.00540	0.0162	N	mg/Kg-dry	1	10/25/10 02:59 PM
Dibromochloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Dichlorodifluoromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Ethylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Isopropylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
m,p-Xylene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Methyl Acetate	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
Methyl tert-butyl ether	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Methylcyclohexane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
Methylene chloride	<0.00540	0.00540	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
o-Xylene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Styrene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Tetrachloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Toluene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
trans-1,2-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
trans-1,3-Dichloropropene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Trichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Trichlorofluoromethane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	10/25/10 02:59 PM
Vinyl chloride	<0.00108	0.00108	0.00540		mg/Kg-dry	1	10/25/10 02:59 PM
Surr: 1,2-Dichloroethane-d4	139	0	52 - 149		%REC	1	10/25/10 02:59 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/25/10 02:59 PM
Surr: Dibromofluoromethane	103	0	65 - 135		%REC	1	10/25/10 02:59 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/25/10 02:59 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	21.4	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB11-02
Project:	Hillcrest CEI	Lab ID:	1010167-06
Project No:	760-SL11	Collection Date:	10/21/10 11:10 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.56	6.56	18.7		mg/Kg-dry	1	10/25/10 10:20 AM
T/R Hydrocarbons: >C12-C28	<6.56	6.56	18.7		mg/Kg-dry	1	10/25/10 10:20 AM
T/R Hydrocarbons: >C28-C35	<6.56	6.56	18.7		mg/Kg-dry	1	10/25/10 10:20 AM
T/R Hydrocarbons: C6-C35	<6.56	6.56	18.7		mg/Kg-dry	1	10/25/10 10:20 AM
Surr: Isopropylbenzene	88.1	0	70 - 130		%REC	1	10/25/10 10:20 AM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 10:20 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Acenaphthylene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Anthracene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Benzo[a]anthracene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Benzo[a]pyrene	<0.0343	0.0343	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Benzo[b]fluoranthene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Benzo[g,h,i]perylene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Benzo[k]fluoranthene	<0.0343	0.0343	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Chrysene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Dibenz[a,h]anthracene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Fluoranthene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Fluorene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Indeno[1,2,3-cd]pyrene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Naphthalene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Phenanthrene	<0.0114	0.0114	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Pyrene	<0.0229	0.0229	0.0572		mg/Kg-dry	1	10/28/10 12:20 AM
Surr: 2-Fluorobiphenyl	46.7	0	40 - 140		%REC	1	10/28/10 12:20 AM
Surr: 4-Terphenyl-d14	70.6	0	40 - 140		%REC	1	10/28/10 12:20 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,1,2-Trichlorotrifluoroethane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
1,1-Dichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,1-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2-Dibromoethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2-Dichloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,2-Dichloropropane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
2-Butanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
2-Hexanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
4-Methyl-2-pentanone	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
Acetone	<0.0157	0.0157	0.0523		mg/Kg-dry	1	10/25/10 03:35 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB11-02
Project:	Hillcrest CEI	Lab ID:	1010167-06
Project No:	760-SL11	Collection Date:	10/21/10 11:10 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Bromodichloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Bromoform	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Bromomethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Carbon disulfide	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Carbon tetrachloride	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Chlorobenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Chloroethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Chloroform	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Chloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Cyclohexane	<0.00523	0.00523	0.0157	N	mg/Kg-dry	1	10/25/10 03:35 PM
Dibromochloromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Dichlorodifluoromethane	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Ethylbenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Isopropylbenzene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
m,p-Xylene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Methyl Acetate	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
Methyl tert-butyl ether	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Methylcyclohexane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
Methylene chloride	<0.00523	0.00523	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
o-Xylene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Styrene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Tetrachloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Toluene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Trichloroethene	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Trichlorofluoromethane	<0.00523	0.00523	0.0157		mg/Kg-dry	1	10/25/10 03:35 PM
Vinyl chloride	<0.00105	0.00105	0.00523		mg/Kg-dry	1	10/25/10 03:35 PM
Surr: 1,2-Dichloroethane-d4	126	0	52 - 149		%REC	1	10/25/10 03:35 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/25/10 03:35 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 03:35 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/25/10 03:35 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	20.1	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB15-01
Project:	Hillcrest CEI	Lab ID:	1010167-07
Project No:	760-SL11	Collection Date:	10/21/10 01:52 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.96	6.96	19.9		mg/Kg-dry	1	10/25/10 10:29 AM
T/R Hydrocarbons: >C12-C28	<6.96	6.96	19.9		mg/Kg-dry	1	10/25/10 10:29 AM
T/R Hydrocarbons: >C28-C35	<6.96	6.96	19.9		mg/Kg-dry	1	10/25/10 10:29 AM
T/R Hydrocarbons: C6-C35	<6.96	6.96	19.9		mg/Kg-dry	1	10/25/10 10:29 AM
Surr: Isopropylbenzene	91.8	0	70 - 130		%REC	1	10/25/10 10:29 AM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 10:29 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Acenaphthylene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Anthracene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Benzo[a]anthracene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Benzo[a]pyrene	<0.0350	0.0350	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Benzo[b]fluoranthene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Benzo[g,h,i]perylene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Benzo[k]fluoranthene	<0.0350	0.0350	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Chrysene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Dibenz[a,h]anthracene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Fluoranthene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Fluorene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Naphthalene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Phenanthrene	<0.0117	0.0117	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Pyrene	<0.0234	0.0234	0.0584		mg/Kg-dry	1	10/28/10 12:55 AM
Surr: 2-Fluorobiphenyl	49.3	0	40 - 140		%REC	1	10/28/10 12:55 AM
Surr: 4-Terphenyl-d14	77.1	0	40 - 140		%REC	1	10/28/10 12:55 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,1,2-Trichlorotrifluoroethane	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
2-Butanone	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
2-Hexanone	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
4-Methyl-2-pentanone	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
Acetone	<0.0160	0.0160	0.0534		mg/Kg-dry	1	10/25/10 04:09 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB15-01
Project:	Hillcrest CEI	Lab ID:	1010167-07
Project No:	760-SL11	Collection Date:	10/21/10 01:52 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Bromodichloromethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Bromoform	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Bromomethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Carbon disulfide	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Carbon tetrachloride	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Chlorobenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Chloroethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Chloroform	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Chloromethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Cyclohexane	<0.00534	0.00534	0.0160	N	mg/Kg-dry	1	10/25/10 04:09 PM
Dibromochloromethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Ethylbenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Isopropylbenzene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
m,p-Xylene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Methyl Acetate	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Methylcyclohexane	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
Methylene chloride	<0.00534	0.00534	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
o-Xylene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Styrene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Tetrachloroethene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Toluene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Trichloroethene	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Trichlorofluoromethane	<0.00534	0.00534	0.0160		mg/Kg-dry	1	10/25/10 04:09 PM
Vinyl chloride	<0.00107	0.00107	0.00534		mg/Kg-dry	1	10/25/10 04:09 PM
Surr: 1,2-Dichloroethane-d4	129	0	52 - 149		%REC	1	10/25/10 04:09 PM
Surr: 4-Bromofluorobenzene	109	0	84 - 118		%REC	1	10/25/10 04:09 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 04:09 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/25/10 04:09 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	19.6	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB17-01
Project:	Hillcrest CEI	Lab ID:	1010167-08
Project No:	760-SL11	Collection Date:	10/21/10 02:56 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 10:38 AM
T/R Hydrocarbons: >C12-C28	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 10:38 AM
T/R Hydrocarbons: >C28-C35	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 10:38 AM
T/R Hydrocarbons: C6-C35	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 10:38 AM
Surr: Isopropylbenzene	90.8	0	70 - 130		%REC	1	10/25/10 10:38 AM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 10:38 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Acenaphthylene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Anthracene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Benzo[a]anthracene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Benzo[a]pyrene	<0.0371	0.0371	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Benzo[b]fluoranthene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Benzo[g,h,i]perylene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Benzo[k]fluoranthene	<0.0371	0.0371	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Chrysene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Dibenz[a,h]anthracene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Fluoranthene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Fluorene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Indeno[1,2,3-cd]pyrene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Naphthalene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Phenanthrene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Pyrene	<0.0247	0.0247	0.0619		mg/Kg-dry	1	10/28/10 01:31 AM
Surr: 2-Fluorobiphenyl	61.7	0	40 - 140		%REC	1	10/28/10 01:31 AM
Surr: 4-Terphenyl-d14	80.2	0	40 - 140		%REC	1	10/28/10 01:31 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,1,2,2-Tetrachloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,1,2-Trichloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,1,2-Trichlorotrifluoroethane	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
1,1-Dichloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,1-Dichloroethene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2,4-Trichlorobenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2-Dibromo-3-chloropropane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2-Dibromoethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2-Dichlorobenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2-Dichloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,2-Dichloropropane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,3-Dichlorobenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
1,4-Dichlorobenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
2-Butanone	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
2-Hexanone	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
4-Methyl-2-pentanone	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
Acetone	<0.0177	0.0177	0.0591		mg/Kg-dry	1	10/25/10 04:43 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB17-01
Project:	Hillcrest CEI	Lab ID:	1010167-08
Project No:	760-SL11	Collection Date:	10/21/10 02:56 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Bromodichloromethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Bromoform	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Bromomethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Carbon disulfide	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Carbon tetrachloride	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Chlorobenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Chloroethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Chloroform	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Chloromethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
cis-1,2-Dichloroethene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
cis-1,3-Dichloropropene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Cyclohexane	<0.00591	0.00591	0.0177	N	mg/Kg-dry	1	10/25/10 04:43 PM
Dibromochloromethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Dichlorodifluoromethane	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Ethylbenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Isopropylbenzene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
m,p-Xylene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Methyl Acetate	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
Methyl tert-butyl ether	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Methylcyclohexane	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
Methylene chloride	<0.00591	0.00591	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
o-Xylene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Styrene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Tetrachloroethene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Toluene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
trans-1,2-Dichloroethene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
trans-1,3-Dichloropropene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Trichloroethene	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Trichlorofluoromethane	<0.00591	0.00591	0.0177		mg/Kg-dry	1	10/25/10 04:43 PM
Vinyl chloride	<0.00118	0.00118	0.00591		mg/Kg-dry	1	10/25/10 04:43 PM
Surr: 1,2-Dichloroethane-d4	124	0	52 - 149		%REC	1	10/25/10 04:43 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/25/10 04:43 PM
Surr: Dibromofluoromethane	63.7	0	65 - 135	S	%REC	1	10/25/10 04:43 PM
Surr: Toluene-d8	105	0	84 - 116		%REC	1	10/25/10 04:43 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	20.8	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB18-01
Project:	Hillcrest CEI	Lab ID:	1010167-09
Project No:	760-SL11	Collection Date:	10/21/10 03:55 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.77	6.77	19.3		mg/Kg-dry	1	10/25/10 10:47 AM
T/R Hydrocarbons: >C12-C28	<6.77	6.77	19.3		mg/Kg-dry	1	10/25/10 10:47 AM
T/R Hydrocarbons: >C28-C35	<6.77	6.77	19.3		mg/Kg-dry	1	10/25/10 10:47 AM
T/R Hydrocarbons: C6-C35	<6.77	6.77	19.3		mg/Kg-dry	1	10/25/10 10:47 AM
Surr: Isopropylbenzene	91.6	0	70 - 130		%REC	1	10/25/10 10:47 AM
Surr: Octacosane	103	0	70 - 130		%REC	1	10/25/10 10:47 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Acenaphthylene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Anthracene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Benzo[a]anthracene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Benzo[a]pyrene	<0.0354	0.0354	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Benzo[b]fluoranthene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Benzo[g,h,i]perylene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Benzo[k]fluoranthene	<0.0354	0.0354	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Chrysene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Dibenz[a,h]anthracene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Fluoranthene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Fluorene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Naphthalene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Phenanthrene	<0.0118	0.0118	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Pyrene	<0.0236	0.0236	0.0591		mg/Kg-dry	1	10/28/10 12:21 PM
Surr: 2-Fluorobiphenyl	57.7	0	40 - 140		%REC	1	10/28/10 12:21 PM
Surr: 4-Terphenyl-d14	79.8	0	40 - 140		%REC	1	10/28/10 12:21 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,1,2,2-Tetrachloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,1,2-Trichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,1,2-Trichlorotrifluoroethane	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
1,1-Dichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,1-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2,4-Trichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2-Dibromo-3-chloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2-Dibromoethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2-Dichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,2-Dichloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,3-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
1,4-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
2-Butanone	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
2-Hexanone	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
4-Methyl-2-pentanone	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
Acetone	<0.0152	0.0152	0.0505		mg/Kg-dry	1	10/26/10 08:47 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB18-01
Project:	Hillcrest CEI	Lab ID:	1010167-09
Project No:	760-SL11	Collection Date:	10/21/10 03:55 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Bromodichloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Bromoform	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Bromomethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Carbon disulfide	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Carbon tetrachloride	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Chlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Chloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Chloroform	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Chloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
cis-1,2-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
cis-1,3-Dichloropropene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Cyclohexane	<0.00505	0.00505	0.0152	N	mg/Kg-dry	1	10/26/10 08:47 PM
Dibromochloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Dichlorodifluoromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Ethylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Isopropylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
m,p-Xylene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Methyl Acetate	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
Methyl tert-butyl ether	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Methylcyclohexane	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
Methylene chloride	<0.00505	0.00505	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
o-Xylene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Styrene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Tetrachloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Toluene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
trans-1,2-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
trans-1,3-Dichloropropene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Trichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Trichlorofluoromethane	<0.00505	0.00505	0.0152		mg/Kg-dry	1	10/26/10 08:47 PM
Vinyl chloride	<0.00101	0.00101	0.00505		mg/Kg-dry	1	10/26/10 08:47 PM
Surr: 1,2-Dichloroethane-d4	85.4	0	52 - 149		%REC	1	10/26/10 08:47 PM
Surr: 4-Bromofluorobenzene	99.0	0	84 - 118		%REC	1	10/26/10 08:47 PM
Surr: Dibromofluoromethane	88.0	0	65 - 135		%REC	1	10/26/10 08:47 PM
Surr: Toluene-d8	96.1	0	84 - 116		%REC	1	10/26/10 08:47 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	17.0	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-04
Project:	Hillcrest CEI	Lab ID:	1010167-10
Project No:	760-SL11	Collection Date:	10/21/10 01:00 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	7.65	6.76	19.3	J	mg/Kg-dry	1	10/25/10 11:06 AM
T/R Hydrocarbons: >C12-C28	<6.76	6.76	19.3		mg/Kg-dry	1	10/25/10 11:06 AM
T/R Hydrocarbons: >C28-C35	<6.76	6.76	19.3		mg/Kg-dry	1	10/25/10 11:06 AM
T/R Hydrocarbons: C6-C35	7.65	6.76	19.3	J	mg/Kg-dry	1	10/25/10 11:06 AM
Surr: Isopropylbenzene	83.2	0	70 - 130		%REC	1	10/25/10 11:06 AM
Surr: Octacosane	97.0	0	70 - 130		%REC	1	10/25/10 11:06 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Acenaphthylene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Anthracene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Benzo[a]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Benzo[a]pyrene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Benzo[b]fluoranthene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Benzo[g,h,i]perylene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Benzo[k]fluoranthene	<0.0338	0.0338	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Chrysene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Dibenz[a,h]anthracene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Fluoranthene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Fluorene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Naphthalene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Phenanthrene	<0.0113	0.0113	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Pyrene	<0.0225	0.0225	0.0563		mg/Kg-dry	1	10/28/10 12:51 PM
Surr: 2-Fluorobiphenyl	59.1	0	40 - 140		%REC	1	10/28/10 12:51 PM
Surr: 4-Terphenyl-d14	78.9	0	40 - 140		%REC	1	10/28/10 12:51 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,1,2,2-Tetrachloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,1,2-Trichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,1,2-Trichlorotrifluoroethane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
1,1-Dichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,1-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2,4-Trichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2-Dibromo-3-chloropropane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2-Dibromoethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2-Dichloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,2-Dichloropropane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,3-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
1,4-Dichlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
2-Butanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
2-Hexanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
4-Methyl-2-pentanone	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
Acetone	<0.0168	0.0168	0.0561		mg/Kg-dry	1	10/26/10 09:21 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-04
Project:	Hillcrest CEI	Lab ID:	1010167-10
Project No:	760-SL11	Collection Date:	10/21/10 01:00 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Bromodichloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Bromoform	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Bromomethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Carbon disulfide	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Carbon tetrachloride	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Chlorobenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Chloroethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Chloroform	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Chloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
cis-1,2-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
cis-1,3-Dichloropropene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Cyclohexane	<0.00561	0.00561	0.0168	N	mg/Kg-dry	1	10/26/10 09:21 PM
Dibromochloromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Dichlorodifluoromethane	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Ethylbenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Isopropylbenzene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
m,p-Xylene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Methyl Acetate	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
Methyl tert-butyl ether	0.00913	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Methylcyclohexane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
Methylene chloride	<0.00561	0.00561	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
o-Xylene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Styrene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Tetrachloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Toluene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
trans-1,2-Dichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
trans-1,3-Dichloropropene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Trichloroethene	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Trichlorofluoromethane	<0.00561	0.00561	0.0168		mg/Kg-dry	1	10/26/10 09:21 PM
Vinyl chloride	<0.00112	0.00112	0.00561		mg/Kg-dry	1	10/26/10 09:21 PM
Surr: 1,2-Dichloroethane-d4	76.9	0	52 - 149		%REC	1	10/26/10 09:21 PM
Surr: 4-Bromofluorobenzene	96.5	0	84 - 118		%REC	1	10/26/10 09:21 PM
Surr: Dibromofluoromethane	85.8	0	65 - 135		%REC	1	10/26/10 09:21 PM
Surr: Toluene-d8	95.6	0	84 - 116		%REC	1	10/26/10 09:21 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	17.5	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-05
Project:	Hillcrest CEI	Lab ID:	1010167-11
Project No:	760-SL11	Collection Date:	10/21/10 12:00 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.55	6.55	18.7		mg/Kg-dry	1	10/25/10 11:15 AM
T/R Hydrocarbons: >C12-C28	<6.55	6.55	18.7		mg/Kg-dry	1	10/25/10 11:15 AM
T/R Hydrocarbons: >C28-C35	<6.55	6.55	18.7		mg/Kg-dry	1	10/25/10 11:15 AM
T/R Hydrocarbons: C6-C35	<6.55	6.55	18.7		mg/Kg-dry	1	10/25/10 11:15 AM
Surr: Isopropylbenzene	92.6	0	70 - 130		%REC	1	10/25/10 11:15 AM
Surr: Octacosane	98.7	0	70 - 130		%REC	1	10/25/10 11:15 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Acenaphthylene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Anthracene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Benzo[a]anthracene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Benzo[a]pyrene	<0.0348	0.0348	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Benzo[b]fluoranthene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Benzo[g,h,i]perylene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Benzo[k]fluoranthene	<0.0348	0.0348	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Chrysene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Dibenz[a,h]anthracene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Fluoranthene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Fluorene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Indeno[1,2,3-cd]pyrene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Naphthalene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Phenanthrene	<0.0116	0.0116	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Pyrene	<0.0232	0.0232	0.0580		mg/Kg-dry	1	10/28/10 01:22 PM
Surr: 2-Fluorobiphenyl	63.7	0	40 - 140		%REC	1	10/28/10 01:22 PM
Surr: 4-Terphenyl-d14	77.9	0	40 - 140		%REC	1	10/28/10 01:22 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,1,2-Trichlorotrifluoroethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
2-Butanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
2-Hexanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
4-Methyl-2-pentanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
Acetone	<0.0160	0.0160	0.0533		mg/Kg-dry	1	10/26/10 09:55 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-05
Project:	Hillcrest CEI	Lab ID:	1010167-11
Project No:	760-SL11	Collection Date:	10/21/10 12:00 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Bromodichloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Bromoform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Bromomethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Carbon disulfide	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Carbon tetrachloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Chlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Chloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Chloroform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Chloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Cyclohexane	<0.00533	0.00533	0.0160	N	mg/Kg-dry	1	10/26/10 09:55 PM
Dibromochloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Ethylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Isopropylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
m,p-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Methyl Acetate	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Methylcyclohexane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
Methylene chloride	<0.00533	0.00533	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
o-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Styrene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Tetrachloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Toluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Trichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Trichlorofluoromethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	10/26/10 09:55 PM
Vinyl chloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	10/26/10 09:55 PM
Surr: 1,2-Dichloroethane-d4	89.4	0	52 - 149		%REC	1	10/26/10 09:55 PM
Surr: 4-Bromofluorobenzene	95.2	0	84 - 118		%REC	1	10/26/10 09:55 PM
Surr: Dibromofluoromethane	87.8	0	65 - 135		%REC	1	10/26/10 09:55 PM
Surr: Toluene-d8	93.7	0	84 - 116		%REC	1	10/26/10 09:55 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	17.9	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-12
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 02:01 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 02:01 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 02:01 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:01 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:01 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 02:01 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:01 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:01 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:01 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-12
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:01 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:01 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 02:01 PM
Surr: 1,2-Dichloroethane-d4	91.4	0	72 - 119		%REC	1	10/26/10 02:01 PM
Surr: 4-Bromofluorobenzene	95.1	0	76 - 119		%REC	1	10/26/10 02:01 PM
Surr: Dibromofluoromethane	93.3	0	85 - 115		%REC	1	10/26/10 02:01 PM
Surr: Toluene-d8	102	0	81 - 120		%REC	1	10/26/10 02:01 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB2-01
Project:	Hillcrest CEI	Lab ID:	1010167-13
Project No:	760-SL11	Collection Date:	10/21/10 08:24 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.1	10.1	28.8		mg/Kg-dry	1	10/25/10 11:24 AM
T/R Hydrocarbons: >C12-C28	<10.1	10.1	28.8		mg/Kg-dry	1	10/25/10 11:24 AM
T/R Hydrocarbons: >C28-C35	<10.1	10.1	28.8		mg/Kg-dry	1	10/25/10 11:24 AM
T/R Hydrocarbons: C6-C35	<10.1	10.1	28.8		mg/Kg-dry	1	10/25/10 11:24 AM
Surr: Isopropylbenzene	89.7	0	70 - 130		%REC	1	10/25/10 11:24 AM
Surr: Octacosane	100	0	70 - 130		%REC	1	10/25/10 11:24 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Acenaphthylene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Anthracene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Benzo[a]anthracene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Benzo[a]pyrene	<0.0326	0.0326	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Benzo[b]fluoranthene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Benzo[g,h,i]perylene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Benzo[k]fluoranthene	<0.0326	0.0326	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Chrysene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Dibenz[a,h]anthracene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Fluoranthene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Fluorene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Indeno[1,2,3-cd]pyrene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Naphthalene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Phenanthrene	<0.0109	0.0109	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Pyrene	<0.0217	0.0217	0.0543		mg/Kg-dry	1	10/28/10 02:06 AM
Surr: 2-Fluorobiphenyl	58.4	0	40 - 140		%REC	1	10/28/10 02:06 AM
Surr: 4-Terphenyl-d14	73.7	0	40 - 140		%REC	1	10/28/10 02:06 AM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,1,2,2-Tetrachloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,1,2-Trichloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,1,2-Trichlorotrifluoroethane	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
1,1-Dichloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,1-Dichloroethene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2,4-Trichlorobenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2-Dibromo-3-chloropropane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2-Dibromoethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2-Dichlorobenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2-Dichloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,2-Dichloropropane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,3-Dichlorobenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
1,4-Dichlorobenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
2-Butanone	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
2-Hexanone	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
4-Methyl-2-pentanone	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
Acetone	0.587	0.0205	0.0684		mg/Kg-dry	1	10/25/10 01:18 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB2-01
Project:	Hillcrest CEI	Lab ID:	1010167-13
Project No:	760-SL11	Collection Date:	10/21/10 08:24 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Bromodichloromethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Bromoform	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Bromomethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Carbon disulfide	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Carbon tetrachloride	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Chlorobenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Chloroethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Chloroform	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Chloromethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
cis-1,2-Dichloroethene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
cis-1,3-Dichloropropene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Cyclohexane	<0.00684	0.00684	0.0205	N	mg/Kg-dry	1	10/25/10 01:18 PM
Dibromochloromethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Dichlorodifluoromethane	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Ethylbenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Isopropylbenzene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
m,p-Xylene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Methyl Acetate	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
Methyl tert-butyl ether	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Methylcyclohexane	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
Methylene chloride	<0.00684	0.00684	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
o-Xylene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Styrene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Tetrachloroethene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Toluene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
trans-1,2-Dichloroethene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
trans-1,3-Dichloropropene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Trichloroethene	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Trichlorofluoromethane	<0.00684	0.00684	0.0205		mg/Kg-dry	1	10/25/10 01:18 PM
Vinyl chloride	<0.00137	0.00137	0.00684		mg/Kg-dry	1	10/25/10 01:18 PM
Surr: 1,2-Dichloroethane-d4	131	0	52 - 149		%REC	1	10/25/10 01:18 PM
Surr: 4-Bromofluorobenzene	107	0	84 - 118		%REC	1	10/25/10 01:18 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 01:18 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/25/10 01:18 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	16.2	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB2-02
Project:	Hillcrest CEI	Lab ID:	1010167-14
Project No:	760-SL11	Collection Date:	10/21/10 08:32 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.57	8.57	24.5		mg/Kg-dry	1	10/25/10 11:51 AM
T/R Hydrocarbons: >C12-C28	<8.57	8.57	24.5		mg/Kg-dry	1	10/25/10 11:51 AM
T/R Hydrocarbons: >C28-C35	<8.57	8.57	24.5		mg/Kg-dry	1	10/25/10 11:51 AM
T/R Hydrocarbons: C6-C35	<8.57	8.57	24.5		mg/Kg-dry	1	10/25/10 11:51 AM
Surr: Isopropylbenzene	94.1	0	70 - 130		%REC	1	10/25/10 11:51 AM
Surr: Octacosane	98.8	0	70 - 130		%REC	1	10/25/10 11:51 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Acenaphthylene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Anthracene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Benzo[a]anthracene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Benzo[a]pyrene	<0.0355	0.0355	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Benzo[b]fluoranthene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Benzo[g,h,i]perylene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Benzo[k]fluoranthene	<0.0355	0.0355	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Chrysene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Dibenz[a,h]anthracene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Fluoranthene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Fluorene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Naphthalene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Phenanthrene	<0.0118	0.0118	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Pyrene	<0.0237	0.0237	0.0592		mg/Kg-dry	1	10/28/10 01:52 PM
Surr: 2-Fluorobiphenyl	60.6	0	40 - 140		%REC	1	10/28/10 01:52 PM
Surr: 4-Terphenyl-d14	74.8	0	40 - 140		%REC	1	10/28/10 01:52 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,1,2,2-Tetrachloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,1,2-Trichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,1,2-Trichlorotrifluoroethane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
1,1-Dichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,1-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2,4-Trichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2-Dibromo-3-chloropropane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2-Dibromoethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2-Dichloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,2-Dichloropropane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,3-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
1,4-Dichlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
2-Butanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
2-Hexanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
4-Methyl-2-pentanone	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
Acetone	0.109	0.0166	0.0552		mg/Kg-dry	1	10/25/10 06:55 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB2-02
Project:	Hillcrest CEI	Lab ID:	1010167-14
Project No:	760-SL11	Collection Date:	10/21/10 08:32 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Bromodichloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Bromoform	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Bromomethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Carbon disulfide	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Carbon tetrachloride	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Chlorobenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Chloroethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Chloroform	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Chloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
cis-1,2-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
cis-1,3-Dichloropropene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Cyclohexane	<0.00552	0.00552	0.0166	N	mg/Kg-dry	1	10/25/10 06:55 PM
Dibromochloromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Dichlorodifluoromethane	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Ethylbenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Isopropylbenzene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
m,p-Xylene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Methyl Acetate	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
Methyl tert-butyl ether	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Methylcyclohexane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
Methylene chloride	<0.00552	0.00552	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
o-Xylene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Styrene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Tetrachloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Toluene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
trans-1,2-Dichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
trans-1,3-Dichloropropene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Trichloroethene	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Trichlorofluoromethane	<0.00552	0.00552	0.0166		mg/Kg-dry	1	10/25/10 06:55 PM
Vinyl chloride	<0.00110	0.00110	0.00552		mg/Kg-dry	1	10/25/10 06:55 PM
Surr: 1,2-Dichloroethane-d4	130	0	52 - 149		%REC	1	10/25/10 06:55 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/25/10 06:55 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 06:55 PM
Surr: Toluene-d8	105	0	84 - 116		%REC	1	10/25/10 06:55 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	18.1	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB3-01
Project:	Hillcrest CEI	Lab ID:	1010167-15
Project No:	760-SL11	Collection Date:	10/21/10 10:05 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 12:00 PM
T/R Hydrocarbons: >C12-C28	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 12:00 PM
T/R Hydrocarbons: >C28-C35	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 12:00 PM
T/R Hydrocarbons: C6-C35	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 12:00 PM
Surr: Isopropylbenzene	94.0	0	70 - 130		%REC	1	10/25/10 12:00 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 12:00 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Acenaphthylene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Anthracene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Benzo[a]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Benzo[a]pyrene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Benzo[b]fluoranthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Benzo[g,h,i]perylene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Benzo[k]fluoranthene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Chrysene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Dibenz[a,h]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Fluoranthene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Fluorene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Indeno[1,2,3-cd]pyrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Naphthalene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Phenanthrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Pyrene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 02:23 PM
Surr: 2-Fluorobiphenyl	62.8	0	40 - 140		%REC	1	10/28/10 02:23 PM
Surr: 4-Terphenyl-d14	75.6	0	40 - 140		%REC	1	10/28/10 02:23 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,1,2-Trichlorotrifluoroethane	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
1,1-Dichloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,1-Dichloroethene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2-Dibromoethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2-Dichloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,2-Dichloropropane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
2-Butanone	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
2-Hexanone	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
4-Methyl-2-pentanone	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
Acetone	<0.0157	0.0157	0.0524		mg/Kg-dry	1	10/25/10 07:28 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB3-01
Project:	Hillcrest CEI	Lab ID:	1010167-15
Project No:	760-SL11	Collection Date:	10/21/10 10:05 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Bromodichloromethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Bromoform	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Bromomethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Carbon disulfide	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Carbon tetrachloride	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Chlorobenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Chloroethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Chloroform	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Chloromethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Cyclohexane	<0.00524	0.00524	0.0157	N	mg/Kg-dry	1	10/25/10 07:28 PM
Dibromochloromethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Dichlorodifluoromethane	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Ethylbenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Isopropylbenzene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
m,p-Xylene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Methyl Acetate	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
Methyl tert-butyl ether	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Methylcyclohexane	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
Methylene chloride	<0.00524	0.00524	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
o-Xylene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Styrene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Tetrachloroethene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Toluene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Trichloroethene	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Trichlorofluoromethane	<0.00524	0.00524	0.0157		mg/Kg-dry	1	10/25/10 07:28 PM
Vinyl chloride	<0.00105	0.00105	0.00524		mg/Kg-dry	1	10/25/10 07:28 PM
Surr: 1,2-Dichloroethane-d4	135	0	52 - 149		%REC	1	10/25/10 07:28 PM
Surr: 4-Bromofluorobenzene	108	0	84 - 118		%REC	1	10/25/10 07:28 PM
Surr: Dibromofluoromethane	98.9	0	65 - 135		%REC	1	10/25/10 07:28 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/25/10 07:28 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	20.9	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB12-01
Project:	Hillcrest CEI	Lab ID:	1010167-16
Project No:	760-SL11	Collection Date:	10/21/10 11:24 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.75	7.75	22.1		mg/Kg-dry	1	10/25/10 12:09 PM
T/R Hydrocarbons: >C12-C28	<7.75	7.75	22.1		mg/Kg-dry	1	10/25/10 12:09 PM
T/R Hydrocarbons: >C28-C35	<7.75	7.75	22.1		mg/Kg-dry	1	10/25/10 12:09 PM
T/R Hydrocarbons: C6-C35	<7.75	7.75	22.1		mg/Kg-dry	1	10/25/10 12:09 PM
Surr: Isopropylbenzene	95.7	0	70 - 130		%REC	1	10/25/10 12:09 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 12:09 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Acenaphthylene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Anthracene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Benzo[a]anthracene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Benzo[a]pyrene	<0.0317	0.0317	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Benzo[b]fluoranthene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Benzo[g,h,i]perylene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Benzo[k]fluoranthene	<0.0317	0.0317	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Chrysene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Dibenz[a,h]anthracene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Fluoranthene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Fluorene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Indeno[1,2,3-cd]pyrene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Naphthalene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Phenanthrene	<0.0106	0.0106	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Pyrene	<0.0212	0.0212	0.0529		mg/Kg-dry	1	10/28/10 02:53 PM
Surr: 2-Fluorobiphenyl	63.4	0	40 - 140		%REC	1	10/28/10 02:53 PM
Surr: 4-Terphenyl-d14	77.7	0	40 - 140		%REC	1	10/28/10 02:53 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,1,2,2-Tetrachloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,1,2-Trichloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,1,2-Trichlorotrifluoroethane	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
1,1-Dichloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,1-Dichloroethene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2,4-Trichlorobenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2-Dibromo-3-chloropropane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2-Dibromoethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2-Dichlorobenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2-Dichloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,2-Dichloropropane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,3-Dichlorobenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
1,4-Dichlorobenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
2-Butanone	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
2-Hexanone	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
4-Methyl-2-pentanone	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
Acetone	<0.0184	0.0184	0.0613		mg/Kg-dry	1	10/25/10 08:01 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB12-01
Project:	Hillcrest CEI	Lab ID:	1010167-16
Project No:	760-SL11	Collection Date:	10/21/10 11:24 AM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Bromodichloromethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Bromoform	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Bromomethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Carbon disulfide	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Carbon tetrachloride	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Chlorobenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Chloroethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Chloroform	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Chloromethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
cis-1,2-Dichloroethene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
cis-1,3-Dichloropropene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Cyclohexane	<0.00613	0.00613	0.0184	N	mg/Kg-dry	1	10/25/10 08:01 PM
Dibromochloromethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Dichlorodifluoromethane	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Ethylbenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Isopropylbenzene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
m,p-Xylene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Methyl Acetate	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
Methyl tert-butyl ether	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Methylcyclohexane	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
Methylene chloride	<0.00613	0.00613	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
o-Xylene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Styrene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Tetrachloroethene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Toluene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
trans-1,2-Dichloroethene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
trans-1,3-Dichloropropene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Trichloroethene	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Trichlorofluoromethane	<0.00613	0.00613	0.0184		mg/Kg-dry	1	10/25/10 08:01 PM
Vinyl chloride	<0.00123	0.00123	0.00613		mg/Kg-dry	1	10/25/10 08:01 PM
Surr: 1,2-Dichloroethane-d4	138	0	52 - 149		%REC	1	10/25/10 08:01 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/25/10 08:01 PM
Surr: Dibromofluoromethane	99.8	0	65 - 135		%REC	1	10/25/10 08:01 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/25/10 08:01 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	14.0	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB14-01
Project:	Hillcrest CEI	Lab ID:	1010167-17
Project No:	760-SL11	Collection Date:	10/21/10 01:35 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<11.4	11.4	32.5		mg/Kg-dry	1	10/25/10 12:18 PM
T/R Hydrocarbons: >C12-C28	<11.4	11.4	32.5		mg/Kg-dry	1	10/25/10 12:18 PM
T/R Hydrocarbons: >C28-C35	<11.4	11.4	32.5		mg/Kg-dry	1	10/25/10 12:18 PM
T/R Hydrocarbons: C6-C35	<11.4	11.4	32.5		mg/Kg-dry	1	10/25/10 12:18 PM
Surr: Isopropylbenzene	94.5	0	70 - 130		%REC	1	10/25/10 12:18 PM
Surr: Octacosane	99.0	0	70 - 130		%REC	1	10/25/10 12:18 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Acenaphthylene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Anthracene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Benzo[a]anthracene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Benzo[a]pyrene	<0.0371	0.0371	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Benzo[b]fluoranthene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Benzo[g,h,i]perylene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Benzo[k]fluoranthene	<0.0371	0.0371	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Chrysene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Dibenz[a,h]anthracene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Fluoranthene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Fluorene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Indeno[1,2,3-cd]pyrene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Naphthalene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Phenanthrene	<0.0124	0.0124	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Pyrene	<0.0248	0.0248	0.0619		mg/Kg-dry	1	10/28/10 03:24 PM
Surr: 2-Fluorobiphenyl	66.2	0	40 - 140		%REC	1	10/28/10 03:24 PM
Surr: 4-Terphenyl-d14	85.8	0	40 - 140		%REC	1	10/28/10 03:24 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,1,2,2-Tetrachloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,1,2-Trichloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,1,2-Trichlorotrifluoroethane	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
1,1-Dichloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,1-Dichloroethene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2,4-Trichlorobenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2-Dibromo-3-chloropropane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2-Dibromoethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2-Dichlorobenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2-Dichloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,2-Dichloropropane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,3-Dichlorobenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
1,4-Dichlorobenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
2-Butanone	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
2-Hexanone	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
4-Methyl-2-pentanone	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
Acetone	<0.0173	0.0173	0.0576		mg/Kg-dry	1	10/25/10 08:34 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB14-01
Project:	Hillcrest CEI	Lab ID:	1010167-17
Project No:	760-SL11	Collection Date:	10/21/10 01:35 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Bromodichloromethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Bromoform	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Bromomethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Carbon disulfide	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Carbon tetrachloride	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Chlorobenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Chloroethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Chloroform	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Chloromethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
cis-1,2-Dichloroethene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
cis-1,3-Dichloropropene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Cyclohexane	<0.00576	0.00576	0.0173	N	mg/Kg-dry	1	10/25/10 08:34 PM
Dibromochloromethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Dichlorodifluoromethane	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Ethylbenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Isopropylbenzene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
m,p-Xylene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Methyl Acetate	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
Methyl tert-butyl ether	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Methylcyclohexane	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
Methylene chloride	<0.00576	0.00576	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
o-Xylene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Styrene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Tetrachloroethene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Toluene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
trans-1,2-Dichloroethene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
trans-1,3-Dichloropropene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Trichloroethene	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Trichlorofluoromethane	<0.00576	0.00576	0.0173		mg/Kg-dry	1	10/25/10 08:34 PM
Vinyl chloride	<0.00115	0.00115	0.00576		mg/Kg-dry	1	10/25/10 08:34 PM
Surr: 1,2-Dichloroethane-d4	141	0	52 - 149		%REC	1	10/25/10 08:34 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/25/10 08:34 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 08:34 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/25/10 08:34 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	22.8	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB14-02
Project:	Hillcrest CEI	Lab ID:	1010167-18
Project No:	760-SL11	Collection Date:	10/21/10 01:39 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<9.06	9.06	25.9		mg/Kg-dry	1	10/25/10 12:27 PM
T/R Hydrocarbons: >C12-C28	<9.06	9.06	25.9		mg/Kg-dry	1	10/25/10 12:27 PM
T/R Hydrocarbons: >C28-C35	<9.06	9.06	25.9		mg/Kg-dry	1	10/25/10 12:27 PM
T/R Hydrocarbons: C6-C35	<9.06	9.06	25.9		mg/Kg-dry	1	10/25/10 12:27 PM
Surr: Isopropylbenzene	92.4	0	70 - 130		%REC	1	10/25/10 12:27 PM
Surr: Octacosane	99.3	0	70 - 130		%REC	1	10/25/10 12:27 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Acenaphthylene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Anthracene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Benzo[a]anthracene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Benzo[a]pyrene	<0.0375	0.0375	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Benzo[b]fluoranthene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Benzo[g,h,i]perylene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Benzo[k]fluoranthene	<0.0375	0.0375	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Chrysene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Dibenz[a,h]anthracene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Fluoranthene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Fluorene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Indeno[1,2,3-cd]pyrene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Naphthalene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Phenanthrene	<0.0125	0.0125	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Pyrene	<0.0250	0.0250	0.0625		mg/Kg-dry	1	10/28/10 03:54 PM
Surr: 2-Fluorobiphenyl	63.4	0	40 - 140		%REC	1	10/28/10 03:54 PM
Surr: 4-Terphenyl-d14	83.3	0	40 - 140		%REC	1	10/28/10 03:54 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,1,2,2-Tetrachloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,1,2-Trichloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,1,2-Trichlorotrifluoroethane	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
1,1-Dichloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,1-Dichloroethene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2,4-Trichlorobenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2-Dibromo-3-chloropropane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2-Dibromoethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2-Dichlorobenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2-Dichloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,2-Dichloropropane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,3-Dichlorobenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
1,4-Dichlorobenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
2-Butanone	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
2-Hexanone	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
4-Methyl-2-pentanone	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
Acetone	<0.0173	0.0173	0.0577		mg/Kg-dry	1	10/25/10 09:09 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB14-02
Project:	Hillcrest CEI	Lab ID:	1010167-18
Project No:	760-SL11	Collection Date:	10/21/10 01:39 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Bromodichloromethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Bromoform	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Bromomethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Carbon disulfide	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Carbon tetrachloride	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Chlorobenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Chloroethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Chloroform	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Chloromethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
cis-1,2-Dichloroethene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
cis-1,3-Dichloropropene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Cyclohexane	<0.00577	0.00577	0.0173	N	mg/Kg-dry	1	10/25/10 09:09 PM
Dibromochloromethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Dichlorodifluoromethane	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Ethylbenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Isopropylbenzene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
m,p-Xylene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Methyl Acetate	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
Methyl tert-butyl ether	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Methylcyclohexane	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
Methylene chloride	<0.00577	0.00577	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
o-Xylene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Styrene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Tetrachloroethene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Toluene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
trans-1,2-Dichloroethene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
trans-1,3-Dichloropropene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Trichloroethene	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Trichlorofluoromethane	<0.00577	0.00577	0.0173		mg/Kg-dry	1	10/25/10 09:09 PM
Vinyl chloride	<0.00115	0.00115	0.00577		mg/Kg-dry	1	10/25/10 09:09 PM
Surr: 1,2-Dichloroethane-d4	142	0	52 - 149		%REC	1	10/25/10 09:09 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/25/10 09:09 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 09:09 PM
Surr: Toluene-d8	103	0	84 - 116		%REC	1	10/25/10 09:09 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	22.4	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB16-01
Project:	Hillcrest CEI	Lab ID:	1010167-19
Project No:	760-SL11	Collection Date:	10/21/10 02:50 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.2	10.2	29.2		mg/Kg-dry	1	10/25/10 12:45 PM
T/R Hydrocarbons: >C12-C28	<10.2	10.2	29.2		mg/Kg-dry	1	10/25/10 12:45 PM
T/R Hydrocarbons: >C28-C35	<10.2	10.2	29.2		mg/Kg-dry	1	10/25/10 12:45 PM
T/R Hydrocarbons: C6-C35	<10.2	10.2	29.2		mg/Kg-dry	1	10/25/10 12:45 PM
Surr: Isopropylbenzene	93.4	0	70 - 130		%REC	1	10/25/10 12:45 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 12:45 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Acenaphthylene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Anthracene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Benzo[a]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Benzo[a]pyrene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Benzo[b]fluoranthene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Benzo[g,h,i]perylene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Benzo[k]fluoranthene	<0.0366	0.0366	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Chrysene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Dibenz[a,h]anthracene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Fluoranthene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Fluorene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Indeno[1,2,3-cd]pyrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Naphthalene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Phenanthrene	<0.0122	0.0122	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Pyrene	<0.0244	0.0244	0.0609		mg/Kg-dry	1	10/28/10 04:25 PM
Surr: 2-Fluorobiphenyl	53.7	0	40 - 140		%REC	1	10/28/10 04:25 PM
Surr: 4-Terphenyl-d14	74.7	0	40 - 140		%REC	1	10/28/10 04:25 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,1,2,2-Tetrachloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,1,2-Trichloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,1,2-Trichlorotrifluoroethane	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
1,1-Dichloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,1-Dichloroethene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2,4-Trichlorobenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2-Dibromo-3-chloropropane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2-Dibromoethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2-Dichlorobenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2-Dichloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,2-Dichloropropane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,3-Dichlorobenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
1,4-Dichlorobenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
2-Butanone	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
2-Hexanone	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
4-Methyl-2-pentanone	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
Acetone	<0.0169	0.0169	0.0565		mg/Kg-dry	1	10/25/10 09:41 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB16-01
Project:	Hillcrest CEI	Lab ID:	1010167-19
Project No:	760-SL11	Collection Date:	10/21/10 02:50 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Bromodichloromethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Bromoform	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Bromomethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Carbon disulfide	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Carbon tetrachloride	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Chlorobenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Chloroethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Chloroform	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Chloromethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
cis-1,2-Dichloroethene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
cis-1,3-Dichloropropene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Cyclohexane	<0.00565	0.00565	0.0169	N	mg/Kg-dry	1	10/25/10 09:41 PM
Dibromochloromethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Dichlorodifluoromethane	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Ethylbenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Isopropylbenzene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
m,p-Xylene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Methyl Acetate	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
Methyl tert-butyl ether	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Methylcyclohexane	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
Methylene chloride	<0.00565	0.00565	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
o-Xylene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Styrene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Tetrachloroethene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Toluene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
trans-1,2-Dichloroethene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
trans-1,3-Dichloropropene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Trichloroethene	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Trichlorofluoromethane	<0.00565	0.00565	0.0169		mg/Kg-dry	1	10/25/10 09:41 PM
Vinyl chloride	<0.00113	0.00113	0.00565		mg/Kg-dry	1	10/25/10 09:41 PM
Surr: 1,2-Dichloroethane-d4	142	0	52 - 149		%REC	1	10/25/10 09:41 PM
Surr: 4-Bromofluorobenzene	105	0	84 - 118		%REC	1	10/25/10 09:41 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 09:41 PM
Surr: Toluene-d8	106	0	84 - 116		%REC	1	10/25/10 09:41 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	20.1	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB19-01
Project:	Hillcrest CEI	Lab ID:	1010167-20
Project No:	760-SL11	Collection Date:	10/21/10 04:10 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<9.82	9.82	28.1		mg/Kg-dry	1	10/25/10 12:54 PM
T/R Hydrocarbons: >C12-C28	<9.82	9.82	28.1		mg/Kg-dry	1	10/25/10 12:54 PM
T/R Hydrocarbons: >C28-C35	<9.82	9.82	28.1		mg/Kg-dry	1	10/25/10 12:54 PM
T/R Hydrocarbons: C6-C35	<9.82	9.82	28.1		mg/Kg-dry	1	10/25/10 12:54 PM
Surr: Isopropylbenzene	89.5	0	70 - 130		%REC	1	10/25/10 12:54 PM
Surr: Octacosane	98.9	0	70 - 130		%REC	1	10/25/10 12:54 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Acenaphthylene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Anthracene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Benzo[a]anthracene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Benzo[a]pyrene	<0.0393	0.0393	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Benzo[b]fluoranthene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Benzo[g,h,i]perylene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Benzo[k]fluoranthene	<0.0393	0.0393	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Chrysene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Dibenz[a,h]anthracene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Fluoranthene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Fluorene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Indeno[1,2,3-cd]pyrene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Naphthalene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Phenanthrene	<0.0131	0.0131	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Pyrene	<0.0262	0.0262	0.0655		mg/Kg-dry	1	10/28/10 04:56 PM
Surr: 2-Fluorobiphenyl	60.5	0	40 - 140		%REC	1	10/28/10 04:56 PM
Surr: 4-Terphenyl-d14	79.8	0	40 - 140		%REC	1	10/28/10 04:56 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,1,2,2-Tetrachloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,1,2-Trichloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,1,2-Trichlorotrifluoroethane	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
1,1-Dichloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,1-Dichloroethene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2,4-Trichlorobenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2-Dibromo-3-chloropropane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2-Dibromoethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2-Dichlorobenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2-Dichloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,2-Dichloropropane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,3-Dichlorobenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
1,4-Dichlorobenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
2-Butanone	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
2-Hexanone	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
4-Methyl-2-pentanone	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
Acetone	<0.0178	0.0178	0.0594		mg/Kg-dry	1	10/25/10 10:13 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB19-01
Project:	Hillcrest CEI	Lab ID:	1010167-20
Project No:	760-SL11	Collection Date:	10/21/10 04:10 PM
Lab Order:	1010167	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Bromodichloromethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Bromoform	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Bromomethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Carbon disulfide	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Carbon tetrachloride	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Chlorobenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Chloroethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Chloroform	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Chloromethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
cis-1,2-Dichloroethene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
cis-1,3-Dichloropropene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Cyclohexane	<0.00594	0.00594	0.0178	N	mg/Kg-dry	1	10/25/10 10:13 PM
Dibromochloromethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Dichlorodifluoromethane	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Ethylbenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Isopropylbenzene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
m,p-Xylene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Methyl Acetate	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
Methyl tert-butyl ether	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Methylcyclohexane	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
Methylene chloride	<0.00594	0.00594	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
o-Xylene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Styrene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Tetrachloroethene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Toluene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
trans-1,2-Dichloroethene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
trans-1,3-Dichloropropene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Trichloroethene	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Trichlorofluoromethane	<0.00594	0.00594	0.0178		mg/Kg-dry	1	10/25/10 10:13 PM
Vinyl chloride	<0.00119	0.00119	0.00594		mg/Kg-dry	1	10/25/10 10:13 PM
Surr: 1,2-Dichloroethane-d4	147	0	52 - 149		%REC	1	10/25/10 10:13 PM
Surr: 4-Bromofluorobenzene	103	0	84 - 118		%REC	1	10/25/10 10:13 PM
Surr: Dibromofluoromethane	104	0	65 - 135		%REC	1	10/25/10 10:13 PM
Surr: Toluene-d8	104	0	84 - 116		%REC	1	10/25/10 10:13 PM
Percent Moisture		**D2216**					**Analyst: JCG**
Percent Moisture	24.5	0	0		WT%	1	10/28/10 04:30 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-4
Project:	Hillcrest CEI	Lab ID:	1010167-21
Project No:	760-SL11	Collection Date:	10/21/10 05:15 PM
Lab Order:	1010167	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 03:17 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 03:17 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
Chloroform	0.000350	0.000300	0.00100	J	mg/L	1	10/26/10 03:17 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 03:17 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:17 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:17 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 03:17 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:17 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:17 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:17 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-4
Project:	Hillcrest CEI	Lab ID:	1010167-21
Project No:	760-SL11	Collection Date:	10/21/10 05:15 PM
Lab Order:	1010167	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:17 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:17 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 03:17 PM
Surr: 1,2-Dichloroethane-d4	91.6	0	72 - 119		%REC	1	10/26/10 03:17 PM
Surr: 4-Bromofluorobenzene	95.3	0	76 - 119		%REC	1	10/26/10 03:17 PM
Surr: Dibromofluoromethane	94.0	0	85 - 115		%REC	1	10/26/10 03:17 PM
Surr: Toluene-d8	100	0	81 - 120		%REC	1	10/26/10 03:17 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-5
Project:	Hillcrest CEI	Lab ID:	1010167-22
Project No:	760-SL11	Collection Date:	10/21/10 05:20 PM
Lab Order:	1010167	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.670	0.670	1.92		mg/L	1	10/25/10 02:09 PM
T/R Hydrocarbons: >C12-C28	<0.670	0.670	1.92		mg/L	1	10/25/10 02:09 PM
T/R Hydrocarbons: >C28-C35	<0.670	0.670	1.92		mg/L	1	10/25/10 02:09 PM
T/R Hydrocarbons: C6-C35	<0.670	0.670	1.92		mg/L	1	10/25/10 02:09 PM
Surr: Isopropylbenzene	99.0	0	70 - 130		%REC	1	10/25/10 02:09 PM
Surr: Octacosane	98.5	0	70 - 130		%REC	1	10/25/10 02:09 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 04:38 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 04:38 PM
Surr: 2-Fluorobiphenyl	57.0	0	40 - 140		%REC	1	10/25/10 04:38 PM
Surr: 4-Terphenyl-d14	67.2	0	40 - 140		%REC	1	10/25/10 04:38 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 03:43 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 03:43 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-5
Project:	Hillcrest CEI	Lab ID:	1010167-22
Project No:	760-SL11	Collection Date:	10/21/10 05:20 PM
Lab Order:	1010167	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 03:43 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:43 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 03:43 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 03:43 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 03:43 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:43 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:43 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 03:43 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 03:43 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 03:43 PM
Surr: 1,2-Dichloroethane-d4	91.3	0	72 - 119		%REC	1	10/26/10 03:43 PM
Surr: 4-Bromofluorobenzene	95.4	0	76 - 119		%REC	1	10/26/10 03:43 PM
Surr: Dibromofluoromethane	94.5	0	85 - 115		%REC	1	10/26/10 03:43 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 03:43 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-23
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 02:26 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 02:26 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 02:26 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:26 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 02:26 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 02:26 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 02:26 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:26 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:26 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010167-23
Project No:	760-SL11	Collection Date:	10/21/10
Lab Order:	1010167	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 02:26 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 02:26 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 02:26 PM
Surr: 1,2-Dichloroethane-d4	90.9	0	72 - 119		%REC	1	10/26/10 02:26 PM
Surr: 4-Bromofluorobenzene	95.6	0	76 - 119		%REC	1	10/26/10 02:26 PM
Surr: Dibromofluoromethane	93.4	0	85 - 115		%REC	1	10/26/10 02:26 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 02:26 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-06
Project:	Hillcrest CEI	Lab ID:	1010167-24
Project No:	760-SL11	Collection Date:	10/21/10 03:10 PM
Lab Order:	1010167	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.666	0.666	1.90		mg/L	1	10/25/10 02:18 PM
T/R Hydrocarbons: >C12-C28	<0.666	0.666	1.90		mg/L	1	10/25/10 02:18 PM
T/R Hydrocarbons: >C28-C35	<0.666	0.666	1.90		mg/L	1	10/25/10 02:18 PM
T/R Hydrocarbons: C6-C35	<0.666	0.666	1.90		mg/L	1	10/25/10 02:18 PM
Surr: Isopropylbenzene	98.0	0	70 - 130		%REC	1	10/25/10 02:18 PM
Surr: Octacosane	98.7	0	70 - 130		%REC	1	10/25/10 02:18 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 05:10 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:10 PM
Surr: 2-Fluorobiphenyl	72.9	0	40 - 140		%REC	1	10/25/10 05:10 PM
Surr: 4-Terphenyl-d14	84.2	0	40 - 140		%REC	1	10/25/10 05:10 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: AJR**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 08:49 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 08:49 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-06
Project:	Hillcrest CEI	Lab ID:	1010167-24
Project No:	760-SL11	Collection Date:	10/21/10 03:10 PM
Lab Order:	1010167	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 08:49 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:49 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 08:49 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 08:49 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 08:49 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:49 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:49 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 08:49 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 08:49 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 08:49 PM
Surr: 1,2-Dichloroethane-d4	93.4	0	72 - 119		%REC	1	10/26/10 08:49 PM
Surr: 4-Bromofluorobenzene	94.4	0	76 - 119		%REC	1	10/26/10 08:49 PM
Surr: Dibromofluoromethane	94.6	0	85 - 115		%REC	1	10/26/10 08:49 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 08:49 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-02
Project:	Hillcrest CEI	Lab ID:	1010167-25
Project No:	760-SL11	Collection Date:	10/21/10 04:50 PM
Lab Order:	1010167	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<0.659	0.659	1.88		mg/L	1	10/25/10 02:27 PM
T/R Hydrocarbons: >C12-C28	<0.659	0.659	1.88		mg/L	1	10/25/10 02:27 PM
T/R Hydrocarbons: >C28-C35	<0.659	0.659	1.88		mg/L	1	10/25/10 02:27 PM
T/R Hydrocarbons: C6-C35	<0.659	0.659	1.88		mg/L	1	10/25/10 02:27 PM
Surr: Isopropylbenzene	96.8	0	70 - 130		%REC	1	10/25/10 02:27 PM
Surr: Octacosane	98.2	0	70 - 130		%REC	1	10/25/10 02:27 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 05:40 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Naphthalene	0.0000374	0.0000250	0.0000500	J	mg/L	1	10/25/10 05:40 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 05:40 PM
Surr: 2-Fluorobiphenyl	69.3	0	40 - 140		%REC	1	10/25/10 05:40 PM
Surr: 4-Terphenyl-d14	80.2	0	40 - 140		%REC	1	10/25/10 05:40 PM
8260 Water Volatiles by GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/26/10 09:15 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/26/10 09:15 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/01/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-02
Project:	Hillcrest CEI	Lab ID:	1010167-25
Project No:	760-SL11	Collection Date:	10/21/10 04:50 PM
Lab Order:	1010167	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Bromoform	0.000220	0.000200	0.00100	J	mg/L	1	10/26/10 09:15 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/26/10 09:15 PM
Dibromochloromethane	0.000240	0.000200	0.00100	J	mg/L	1	10/26/10 09:15 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 09:15 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/26/10 09:15 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/26/10 09:15 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/26/10 09:15 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 09:15 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 09:15 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/26/10 09:15 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/26/10 09:15 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/26/10 09:15 PM
Surr: 1,2-Dichloroethane-d4	93.7	0	72 - 119		%REC	1	10/26/10 09:15 PM
Surr: 4-Bromofluorobenzene	95.1	0	76 - 119		%REC	1	10/26/10 09:15 PM
Surr: Dibromofluoromethane	95.0	0	85 - 115		%REC	1	10/26/10 09:15 PM
Surr: Toluene-d8	101	0	81 - 120		%REC	1	10/26/10 09:15 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025A

Sample ID:	LCS-43550	Batch ID:	43550		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCS	Run ID:	GC12_101025A		Analysis Date:		10/25/10 09:26 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		235	20.0	250.0	0	94.0	75	125			
Surr: Isopropylbenzene		23.1		25.00		92.2	70	130			
Surr: Octacosane		24.5		25.00		97.9	70	130			

Sample ID:	LCSD-43550	Batch ID:	43550		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCSD	Run ID:	GC12_101025A		Analysis Date:		10/25/10 09:35 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		238	20.0	250.0	0	95.2	75	125	1.25	50	
Surr: Isopropylbenzene		23.0		25.00		92.1	70	130	0	0	
Surr: Octacosane		25.3		25.00		101	70	130	0	0	

Sample ID:	MB-43550	Batch ID:	43550		TestNo:		TX1005		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC12_101025A		Analysis Date:		10/25/10 09:44 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<7.00	20.0								
T/R Hydrocarbons: >C12-C28		<7.00	20.0								
T/R Hydrocarbons: >C28-C35		<7.00	20.0								
T/R Hydrocarbons: C6-C35		<7.00	20.0								
Surr: Isopropylbenzene		23.2		25.00		92.6	70	130			
Surr: Octacosane		25.8		25.00		103	70	130			

Sample ID:	1010167-13BMS	Batch ID:	43550		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC12_101025A		Analysis Date:		10/25/10 11:33 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		292	25.3	316.7	0	92.2	75	125			
Surr: Isopropylbenzene		28.8		31.67		91.0	70	130			
Surr: Octacosane		30.6		31.67		96.7	70	130			

Sample ID:	1010167-13BMSD	Batch ID:	43550		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC12_101025A		Analysis Date:		10/25/10 11:42 AM		Prep Date:		10/22/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		353	30.0	375.3	0	93.9	75	125	18.8	50	
Surr: Isopropylbenzene		34.3		37.53		91.5	70	130	0	0	
Surr: Octacosane		36.9		37.53		98.3	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025A

Sample ID:	ICV-101025	Batch ID:	R51943		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101025A		Analysis Date:		10/25/10 09:08 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		859	20.0	1000	0	85.9	75	125			
Surr: Isopropylbenzene		45.6		50.00		91.1	70	130			
Surr: Octacosane		47.3		50.00		94.7	70	130			

Sample ID:	CCV1-101025	Batch ID:	R51943		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025A		Analysis Date:		10/25/10 10:56 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		478	20.0	500.0	0	95.7	75	125			
Surr: Isopropylbenzene		24.4		25.00		97.6	70	130			
Surr: Octacosane		25.8		25.00		103	70	130			

Sample ID:	CCV2-101025	Batch ID:	R51943		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025A		Analysis Date:		10/25/10 12:36 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		491	20.0	500.0	0	98.3	75	125			
Surr: Isopropylbenzene		25.0		25.00		99.8	70	130			
Surr: Octacosane		26.1		25.00		104	70	130			

Sample ID:	CCV3-101025	Batch ID:	R51943		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025A		Analysis Date:		10/25/10 01:31 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		490	20.0	500.0	0	98.1	75	125			
Surr: Isopropylbenzene		25.0		25.00		99.9	70	130			
Surr: Octacosane		26.3		25.00		105	70	130			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025B

Sample ID:	LCS-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:42 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.3	2.00	25.00	0	89.1	75	125			
Surr: Isopropylbenzene		2.30		2.500		91.9	70	130			
Surr: Octacosane		2.56		2.500		102	70	130			

Sample ID:	LCSD-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:51 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.5	2.00	25.00	0	90.0	75	125	1.03	20	
Surr: Isopropylbenzene		2.42		2.500		96.9	70	130	0	0	
Surr: Octacosane		2.51		2.500		100	70	130	0	0	

Sample ID:	MB-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101025B		Analysis Date:		10/25/10 02:00 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.39		2.500		95.8	70	130			
Surr: Octacosane		2.51		2.500		100	70	130			

Sample ID:	1010173-25BMS	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:03 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		20.8	1.89	23.66	0	87.7	75	125			
Surr: Isopropylbenzene		2.27		2.366		95.9	70	130			
Surr: Octacosane		2.34		2.366		99.1	70	130			

Sample ID:	1010173-25BMSD	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:47 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		19.7	1.89	23.63	0	83.3	75	125	5.33	20	
Surr: Isopropylbenzene		2.27		2.363		96.2	70	130	0	0	
Surr: Octacosane		2.36		2.363		99.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025B

Sample ID:	ICV-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	ICV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 09:08 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		859	2.00	1000	0	85.9	75	125			
Surr: Isopropylbenzene		45.6		50.00		91.1	70	130			
Surr: Octacosane		47.3		50.00		94.7	70	130			

Sample ID:	CCV3-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:31 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		490	2.00	500.0	0	98.1	75	125			
Surr: Isopropylbenzene		25.0		25.00		99.9	70	130			
Surr: Octacosane		26.3		25.00		105	70	130			

Sample ID:	CCV4-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:12 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		498	2.00	500.0	0	99.7	75	125			
Surr: Isopropylbenzene		25.6		25.00		103	70	130			
Surr: Octacosane		26.7		25.00		107	70	130			

Sample ID:	CCV5-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 04:41 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		474	2.00	500.0	0	94.7	75	125			
Surr: Isopropylbenzene		24.6		25.00		98.4	70	130			
Surr: Octacosane		25.9		25.00		104	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC_HG_101026A

Sample ID:	MB-43563	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg
SampType:	MBLK	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 02:56 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		<0.0160	0.0400								

Sample ID:	LCS-43563	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg
SampType:	LCS	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 02:58 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.208	0.0400	0.2000	0	104	85	115			

Sample ID:	LCSD-43563	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg
SampType:	LCSD	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:00 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.204	0.0400	0.2000	0	102	85	115	1.94	25	

Sample ID:	1010172-02A SD	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg-dry
SampType:	SD	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:06 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		<0.0764	0.191	0	0				0	10	

Sample ID:	1010172-02A PDS	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg-dry
SampType:	PDS	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:08 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.245	0.0382	0.2388	0	102	85	115			

Sample ID:	1010172-02A MS	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg-dry
SampType:	MS	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:10 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.192	0.0383	0.1913	0	101	80	120			

Sample ID:	1010172-02A MSD	Batch ID:	43563		TestNo:		SW7471A		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:12 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.197	0.0383	0.1917	0	103	80	120	2.19	25	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC_HG_101026A

Sample ID:	ICV-101026	Batch ID:	R51967		TestNo:		SW7471A		Units:		mg/Kg
SampType:	ICV	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 02:52 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00423	0.0400	0.004000	0	106	90	110			

Sample ID:	CCV1-101026	Batch ID:	R51967		TestNo:		SW7471A		Units:		mg/Kg
SampType:	CCV	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:17 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00203	0.0400	0.002000	0	102	90	110			

Sample ID:	CCV2-101026	Batch ID:	R51967		TestNo:		SW7471A		Units:		mg/Kg
SampType:	CCV	Run ID:	CETAC_HG_101026A		Analysis Date:		10/26/10 03:31 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Mercury		0.00213	0.0400	0.002000	0	106	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_101027A

Sample ID:	MB-43580	Batch ID:	43580		TestNo:		SW6020		Units:		mg/Kg
SampType:	MBLK	Run ID:	ICP-MS2_101027A		Analysis Date:		10/27/10 11:42 AM		Prep Date:		10/26/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		<0.500	1.00								
Barium		<0.500	2.00								
Cadmium		<0.100	0.300								
Chromium		<0.500	2.00								
Lead		<0.100	0.300								
Selenium		<0.150	0.500								
Silver		<0.100	0.200								

Sample ID:	LCS-43580	Batch ID:	43580		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCS	Run ID:	ICP-MS2_101027A		Analysis Date:		10/27/10 11:47 AM		Prep Date:		10/26/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		47.4	1.00	50.00	0	94.9	80	120			
Barium		49.6	2.00	50.00	0	99.2	80	120			
Cadmium		49.0	0.300	50.00	0	98.0	80	120			
Chromium		51.4	2.00	50.00	0	103	80	120			
Lead		49.5	0.300	50.00	0	99.0	80	120			
Selenium		49.6	0.500	50.00	0	99.2	80	120			
Silver		50.8	0.200	50.00	0	102	80	120			

Sample ID:	LCSD-43580	Batch ID:	43580		TestNo:		SW6020		Units:		mg/Kg
SampType:	LCSD	Run ID:	ICP-MS2_101027A		Analysis Date:		10/27/10 11:53 AM		Prep Date:		10/26/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		48.5	1.00	50.00	0	97.0	80	120	2.24	25	
Barium		49.8	2.00	50.00	0	99.5	80	120	0.352	25	
Cadmium		49.0	0.300	50.00	0	98.0	80	120	0.051	25	
Chromium		51.7	2.00	50.00	0	103	80	120	0.534	25	
Lead		49.5	0.300	50.00	0	99.0	80	120	0.050	25	
Selenium		50.2	0.500	50.00	0	101	80	120	1.35	25	
Silver		51.7	0.200	50.00	0	103	80	120	1.71	25	

Sample ID:	1010167-04A SD	Batch ID:	43580		TestNo:		SW6020		Units:		mg/Kg-dry
SampType:	SD	Run ID:	ICP-MS2_101027A		Analysis Date:		10/27/10 12:15 PM		Prep Date:		10/26/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic		3.72	5.66	0	3.706				0.419	10	
Barium		136	11.3	0	139.4				2.40	10	
Cadmium		<0.566	1.70	0	0.3700				0	10	
Chromium		18.0	11.3	0	15.84				12.9	10	R
Lead		11.9	1.70	0	12.24				2.74	10	
Selenium		1.66	2.83	0	1.553				6.66	10	
Silver		<0.566	1.13	0	0.2101				0	10	

Sample ID:	1010167-04A PDS	Batch ID:	43580	TestNo:	SW6020	Units:	mg/Kg-dry
SampType:	PDS	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 12:20 PM	Prep Date:	10/26/10

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_101027A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	58.0	1.13	56.62	3.706	95.9	80	120			
Barium	197	2.26	56.62	139.4	102	80	120			
Cadmium	56.3	0.340	56.62	0.3700	98.7	80	120			
Chromium	63.3	2.26	56.62	15.84	83.9	80	120			
Lead	69.6	0.340	56.62	12.24	101	80	120			
Selenium	58.1	0.566	56.62	1.553	99.9	80	120			
Silver	58.6	0.226	56.62	0.2101	103	80	120			

Sample ID:	1010167-04A MS	Batch ID:	43580	TestNo:	SW6020	Units:	mg/Kg-dry
SampType:	MS	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 12:25 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	52.0	1.11	55.60	3.706	86.9	80	120			
Barium	224	2.22	55.60	139.4	152	80	120			S
Cadmium	52.6	0.334	55.60	0.3700	93.9	80	120			
Chromium	61.2	2.22	55.60	15.84	81.6	80	120			
Lead	63.9	0.334	55.60	12.24	92.9	80	120			
Selenium	51.0	0.556	55.60	1.553	89.0	80	120			
Silver	54.2	0.222	55.60	0.2101	97.2	80	120			

Sample ID:	1010167-04A MSD	Batch ID:	43580	TestNo:	SW6020	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 12:31 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	55.0	1.15	57.68	3.706	88.9	80	120	5.47	25	
Barium	337	2.31	57.68	139.4	343	80	120	40.3	25	SR
Cadmium	56.2	0.346	57.68	0.3700	96.7	80	120	6.59	25	
Chromium	65.6	2.31	57.68	15.84	86.2	80	120	6.89	25	
Lead	72.9	0.346	57.68	12.24	105	80	120	13.2	25	
Selenium	54.2	0.577	57.68	1.553	91.3	80	120	6.04	25	
Silver	57.4	0.231	57.68	0.2101	99.2	80	120	5.70	25	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_101027A

Sample ID:	LLICV1-101027	Batch ID:	R51997	TestNo:	SW6020	Units:	mg/Kg
SampType:	LCVL	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 11:36 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	0.000880	0.200	0.001000	0	88.0	70	130			
Barium	0.000960	0.400	0.001000	0	96.0	70	130			
Cadmium	0.000925	0.0600	0.001000	0	92.5	70	130			
Chromium	0.00103	0.400	0.001000	0	103	70	130			
Lead	0.000929	0.0600	0.001000	0	92.9	70	130			
Selenium	0.00121	0.100	0.001000	0	121	70	130			
Silver	0.000976	0.0400	0.001000	0	97.6	70	130			

Sample ID:	LLCCV1-101027	Batch ID:	R51997	TestNo:	SW6020	Units:	mg/Kg
SampType:	LCVL	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 12:53 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	0.000958	0.200	0.001000	0	95.8	70	130			
Barium	0.00119	0.400	0.001000	0	119	70	130			
Cadmium	0.000897	0.0600	0.001000	0	89.7	70	130			
Chromium	0.00106	0.400	0.001000	0	106	70	130			
Lead	0.000957	0.0600	0.001000	0	95.7	70	130			
Selenium	0.00103	0.100	0.001000	0	103	70	130			
Silver	0.000964	0.0400	0.001000	0	96.4	70	130			

Sample ID:	ICV1-101027	Batch ID:	R51997	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 11:20 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	0.0998	0.00600	0.100	0	99.8	90	110			
Barium	0.0982	0.0100	0.100	0	98.2	90	110			
Cadmium	0.0954	0.00100	0.100	0	95.4	90	110			
Chromium	0.104	0.00600	0.100	0	104	90	110			
Lead	0.0977	0.00100	0.100	0	97.6	90	110			
Selenium	0.103	0.00600	0.100	0	103	90	110			
Silver	0.0989	0.00200	0.100	0	98.9	90	110			

Sample ID:	CCV1-101027	Batch ID:	R51997	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_101027A	Analysis Date:	10/27/10 12:36 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Arsenic	0.196	0.00600	0.200	0	98.2	90	110			
Barium	0.196	0.0100	0.200	0	97.8	90	110			
Cadmium	0.194	0.00100	0.200	0	97.0	90	110			
Chromium	0.208	0.00600	0.200	0	104	90	110			
Lead	0.192	0.00100	0.200	0	96.2	90	110			
Selenium	0.204	0.00600	0.200	0	102	90	110			
Silver	0.199	0.00200	0.200	0	99.4	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	1010173-25CMS	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:32 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00302	0.0000500	0.00400	0	75.5	50	110			
Acenaphthylene	0.00332	0.0000500	0.00400	0	82.9	55	110			
Anthracene	0.00325	0.0000500	0.00400	0	81.2	44	110			
Benzo[a]anthracene	0.00380	0.0000500	0.00400	0	95.1	48	115			
Benzo[a]pyrene	0.00381	0.0000500	0.00400	0	95.1	53	112			
Benzo[b]fluoranthene	0.00396	0.0000500	0.00400	0	99.0	52	117			
Benzo[g,h,i]perylene	0.00417	0.0000500	0.00400	0	104	60	114			
Benzo[k]fluoranthene	0.00378	0.0000500	0.00400	0	94.4	53	124			
Chrysene	0.00366	0.0000500	0.00400	0	91.5	54	122			
Dibenz[a,h]anthracene	0.00409	0.0000100	0.00400	0	102	51	120			
Fluoranthene	0.00361	0.0000500	0.00400	0	90.3	40	126			
Fluorene	0.00339	0.0000500	0.00400	0	84.7	54	110			
Indeno[1,2,3-cd]pyrene	0.00408	0.0000500	0.00400	0	102	57	116			
Naphthalene	0.00280	0.0000500	0.00400	0	70.1	44	110			
Phenanthrene	0.00320	0.0000500	0.00400	0	79.9	51	114			
Pyrene	0.00381	0.0000500	0.00400	0	95.2	53	120			
Surr: 2-Fluorobiphenyl	4.72		8.000		59.0	40	140			
Surr: 4-Terphenyl-d14	5.36		8.000		67.0	40	140			

Sample ID:	1010173-25CMSD	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MSD	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 12:02 PM	Prep Date:	10/25/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00312	0.0000500	0.00400	0	78.1	50	110	3.40	30	
Acenaphthylene	0.00349	0.0000500	0.00400	0	87.2	55	110	4.96	30	
Anthracene	0.00318	0.0000500	0.00400	0	79.5	44	110	2.07	30	
Benzo[a]anthracene	0.00383	0.0000500	0.00400	0	95.8	48	115	0.757	30	
Benzo[a]pyrene	0.00384	0.0000500	0.00400	0	96.0	53	112	0.933	30	
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	52	117	0.605	30	
Benzo[g,h,i]perylene	0.00410	0.0000500	0.00400	0	103	60	114	1.54	30	
Benzo[k]fluoranthene	0.00380	0.0000500	0.00400	0	95.0	53	124	0.631	30	
Chrysene	0.00375	0.0000500	0.00400	0	93.8	54	122	2.49	30	
Dibenz[a,h]anthracene	0.00398	0.0000100	0.00400	0	99.4	51	120	2.81	30	
Fluoranthene	0.00355	0.0000500	0.00400	0	88.7	40	126	1.78	30	
Fluorene	0.00342	0.0000500	0.00400	0	85.5	54	110	1.01	30	
Indeno[1,2,3-cd]pyrene	0.00398	0.0000500	0.00400	0	99.5	57	116	2.56	30	
Naphthalene	0.00318	0.0000500	0.00400	0	79.5	44	110	12.6	30	
Phenanthrene	0.00315	0.0000500	0.00400	0	78.7	51	114	1.54	30	
Pyrene	0.00383	0.0000500	0.00400	0	95.7	53	120	0.443	30	
Surr: 2-Fluorobiphenyl	4.49		8.000		56.1	40	140	0	0	
Surr: 4-Terphenyl-d14	5.07		8.000		63.4	40	140	0	0	

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958	TestNo:	SW8270C			Units:	mg/L
SampType:	ICV	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 10:30 AM			Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene	2.06	0.0000500	2.00	0	103	80	120			
Anthracene	1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene	2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene	1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene	2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene	2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene	1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene	1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene	2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene	2.12	0.0000500	2.00	0	106	80	120			
Fluorene	1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene	2.09	0.0000500	2.00	0	104	80	120			
Naphthalene	1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene	1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene	2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl	1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14	1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Sample ID:	LCS-43603	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 05:10 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.646	0.0500	1.000	0	64.6	56	114			
Acenaphthylene	0.678	0.0500	1.000	0	67.8	56	116			
Anthracene	0.676	0.0500	1.000	0	67.6	40	113			
Benzo[a]anthracene	0.798	0.0500	1.000	0	79.8	52	108			
Benzo[a]pyrene	0.782	0.0500	1.000	0	78.2	48	115			
Benzo[b]fluoranthene	0.806	0.0500	1.000	0	80.6	43	115			
Benzo[g,h,i]perylene	0.857	0.0500	1.000	0	85.7	47	123			
Benzo[k]fluoranthene	0.771	0.0500	1.000	0	77.1	54	118			
Chrysene	0.793	0.0500	1.000	0	79.3	56	115			
Dibenz[a,h]anthracene	0.815	0.0500	1.000	0	81.5	43	120			
Fluoranthene	0.762	0.0500	1.000	0	76.2	41	108			
Fluorene	0.680	0.0500	1.000	0	68.0	47	128			
Indeno[1,2,3-cd]pyrene	0.835	0.0500	1.000	0	83.5	46	119			
Naphthalene	0.657	0.0500	1.000	0	65.7	55	113			
Phenanthrene	0.650	0.0500	1.000	0	65.0	55	114			
Pyrene	0.815	0.0500	1.000	0	81.5	42	125			
Surr: 2-Fluorobiphenyl	2.33		4.000		58.3	40	140			
Surr: 4-Terphenyl-d14	3.02		4.000		75.5	40	140			

Sample ID:	1010167-13CMS	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 05:42 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.648	0.0551	1.103	0	58.7	56	114			
Acenaphthylene	0.693	0.0551	1.103	0	62.8	56	116			
Anthracene	0.818	0.0551	1.103	0	74.2	40	113			
Benzo[a]anthracene	0.991	0.0551	1.103	0	89.8	52	108			
Benzo[a]pyrene	0.949	0.0551	1.103	0	86.0	48	115			
Benzo[b]fluoranthene	1.00	0.0551	1.103	0	90.8	43	115			
Benzo[g,h,i]perylene	1.05	0.0551	1.103	0	95.5	47	123			
Benzo[k]fluoranthene	0.958	0.0551	1.103	0	86.9	54	118			
Chrysene	0.975	0.0551	1.103	0	88.4	56	115			
Dibenz[a,h]anthracene	1.02	0.0551	1.103	0	92.5	43	120			
Fluoranthene	0.937	0.0551	1.103	0	84.9	41	108			
Fluorene	0.747	0.0551	1.103	0	67.8	47	128			
Indeno[1,2,3-cd]pyrene	1.03	0.0551	1.103	0	93.1	46	119			
Naphthalene	0.626	0.0551	1.103	0	56.7	55	113			
Phenanthrene	0.811	0.0551	1.103	0	73.5	55	114			
Pyrene	0.992	0.0551	1.103	0	90.0	42	125			
Surr: 2-Fluorobiphenyl	2.24		4.412		50.8	40	140			
Surr: 4-Terphenyl-d14	3.51		4.412		79.5	40	140			

Sample ID:	1010167-13CMSD	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 06:14 PM	Prep Date:	10/27/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.619	0.0548	1.096	0	56.5	56	114	4.47	30	
Acenaphthylene	0.668	0.0548	1.096	0	61.0	56	116	3.55	30	
Anthracene	0.808	0.0548	1.096	0	73.7	40	113	1.27	30	
Benzo[a]anthracene	0.997	0.0548	1.096	0	91.0	52	108	0.632	30	
Benzo[a]pyrene	0.942	0.0548	1.096	0	86.0	48	115	0.739	30	
Benzo[b]fluoranthene	0.992	0.0548	1.096	0	90.5	43	115	0.965	30	
Benzo[g,h,i]perylene	1.03	0.0548	1.096	0	94.0	47	123	2.22	30	
Benzo[k]fluoranthene	0.920	0.0548	1.096	0	84.0	54	118	4.01	30	
Chrysene	0.976	0.0548	1.096	0	89.0	56	115	0.087	30	
Dibenz[a,h]anthracene	0.977	0.0548	1.096	0	89.2	43	120	4.36	30	
Fluoranthene	0.914	0.0548	1.096	0	83.4	41	108	2.47	30	
Fluorene	0.704	0.0548	1.096	0	64.3	47	128	5.93	30	
Indeno[1,2,3-cd]pyrene	0.987	0.0548	1.096	0	90.1	46	119	3.88	30	
Naphthalene	0.599	0.0548	1.096	0	54.6	55	113	4.46	30	
Phenanthrene	0.780	0.0548	1.096	0	71.2	55	114	3.78	30	
Pyrene	0.989	0.0548	1.096	0	90.3	42	125	0.319	30	
Surr: 2-Fluorobiphenyl	2.09		4.384		47.6	40	140	0	0	
Surr: 4-Terphenyl-d14	3.42		4.384		78.0	40	140	0	0	

Sample ID:	MB-43603	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101027A	Analysis Date:	10/27/10 06:46 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.62		4.000		65.5	40	140			
Surr: 4-Terphenyl-d14	3.37		4.000		84.2	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101027A

Sample ID:	ICV-101027	Batch ID:	R52004		TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS6_101027A		Analysis Date:		10/27/10 04:38 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.88	0.0500	2.000	0	93.8	80	120			
Acenaphthylene		2.00	0.0500	2.000	0	100	80	120			
Anthracene		1.89	0.0500	2.000	0	94.5	80	120			
Benzo[a]anthracene		2.00	0.0500	2.000	0	100	80	120			
Benzo[a]pyrene		1.94	0.0500	2.000	0	97.2	80	120			
Benzo[b]fluoranthene		1.97	0.0500	2.000	0	98.5	80	120			
Benzo[g,h,i]perylene		2.09	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene		1.90	0.0500	2.000	0	94.9	80	120			
Chrysene		1.94	0.0500	2.000	0	97.0	80	120			
Dibenz[a,h]anthracene		2.08	0.0500	2.000	0	104	80	120			
Fluoranthene		2.06	0.0500	2.000	0	103	80	120			
Fluorene		1.95	0.0500	2.000	0	97.3	80	120			
Indeno[1,2,3-cd]pyrene		2.10	0.0500	2.000	0	105	80	120			
Naphthalene		1.90	0.0500	2.000	0	95.0	80	120			
Phenanthrene		1.82	0.0500	2.000	0	90.8	80	120			
Pyrene		2.05	0.0500	2.000	0	102	80	120			
Surr: 2-Fluorobiphenyl		1.77		2.000		88.4	40	140			
Surr: 4-Terphenyl-d14		1.88		2.000		94.2	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101028A

Sample ID:	SYS BLANK-101028	Batch ID:	43603	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101028A	Analysis Date:	10/28/10 11:50 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101028A

Sample ID:	ICV-101028	Batch ID:	R52015	TestNo:	SW8270C		Units:	mg/Kg	
SampType:	ICV	Run ID:	GCMS6_101028A	Analysis Date:	10/28/10 10:49 AM		Prep Date:		
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.92	0.0500	2.000	0	96.0	80	120			
Acenaphthylene	2.01	0.0500	2.000	0	100	80	120			
Anthracene	1.87	0.0500	2.000	0	93.5	80	120			
Benzo[a]anthracene	2.01	0.0500	2.000	0	100	80	120			
Benzo[a]pyrene	1.97	0.0500	2.000	0	98.4	80	120			
Benzo[b]fluoranthene	2.00	0.0500	2.000	0	100	80	120			
Benzo[g,h,i]perylene	2.09	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene	1.96	0.0500	2.000	0	98.1	80	120			
Chrysene	1.90	0.0500	2.000	0	95.1	80	120			
Dibenz[a,h]anthracene	2.09	0.0500	2.000	0	104	80	120			
Fluoranthene	2.02	0.0500	2.000	0	101	80	120			
Fluorene	1.95	0.0500	2.000	0	97.7	80	120			
Indeno[1,2,3-cd]pyrene	2.11	0.0500	2.000	0	106	80	120			
Naphthalene	1.90	0.0500	2.000	0	95.2	80	120			
Phenanthrene	1.79	0.0500	2.000	0	89.4	80	120			
Pyrene	2.04	0.0500	2.000	0	102	80	120			
Surr: 2-Fluorobiphenyl	1.77		2.000		88.5	40	140			
Surr: 4-Terphenyl-d14	1.89		2.000		94.4	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026C

Sample ID:	SYS BL-43564	Batch ID:	43564	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS1_101026C	Analysis Date:	10/26/10 04:26 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
o-Xylene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026C

trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	40.6		50.00	81.3	52	149
Surr: 4-Bromofluorobenzene	51.9		50.00	104	84	118
Surr: Dibromofluoromethane	42.8		50.00	85.6	65	135
Surr: Toluene-d8	49.0		50.00	98.0	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026C

Sample ID:	ICV-101026	Batch ID:	R51989	TestNo:	SW8260B	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS1_101026C	Analysis Date:	10/26/10 02:38 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0396	0.00500	0.0464	0	85.4	70	130			
1,1,2,2-Tetrachloroethane	0.0385	0.00500	0.0464	0	83.0	70	130			
1,1,2-Trichloroethane	0.0475	0.00500	0.0464	0	102	70	130			
1,1,2-Trichlorotrifluoroethane	0.0411	0.0150	0.0464	0	88.6	70	130			
1,1-Dichloroethane	0.0458	0.00500	0.0464	0	98.7	70	130			
1,1-Dichloroethene	0.0465	0.00500	0.0464	0	100	80	120			
1,2,4-Trichlorobenzene	0.0402	0.00500	0.0464	0	86.7	70	130			
1,2-Dibromo-3-chloropropane	0.0389	0.00500	0.0464	0	83.9	70	130			
1,2-Dibromoethane	0.0423	0.00500	0.0464	0	91.1	70	130			
1,2-Dichlorobenzene	0.0441	0.00500	0.0464	0	95.0	70	130			
1,2-Dichloroethane	0.0396	0.00500	0.0464	0	85.3	70	130			
1,2-Dichloropropane	0.0481	0.00500	0.0464	0	104	80	120			
1,3-Dichlorobenzene	0.0454	0.00500	0.0464	0	97.8	70	130			
1,4-Dichlorobenzene	0.0454	0.00500	0.0464	0	97.9	70	130			
2-Butanone	0.122	0.0150	0.116	0	105	70	130			
2-Hexanone	0.109	0.0150	0.116	0	94.0	70	130			
4-Methyl-2-pentanone	0.121	0.0150	0.116	0	104	70	130			
Acetone	0.122	0.0500	0.116	0	105	70	130			
Benzene	0.0486	0.00500	0.0464	0	105	70	130			
Bromodichloromethane	0.0394	0.00500	0.0464	0	84.8	70	130			
Bromoform	0.0378	0.00500	0.0464	0	81.4	70	130			
Bromomethane	0.0449	0.00500	0.0464	0	96.8	70	130			
Carbon disulfide	0.0450	0.00500	0.0464	0	97.1	70	130			
Carbon tetrachloride	0.0372	0.00500	0.0464	0	80.1	70	130			
Chlorobenzene	0.0463	0.00500	0.0464	0	99.8	70	130			
Chloroethane	0.0488	0.00500	0.0464	0	105	70	130			
Chloroform	0.0408	0.00500	0.0464	0	87.9	80	120			
Chloromethane	0.0464	0.00500	0.0464	0	100	70	130			
cis-1,2-Dichloroethene	0.0459	0.00500	0.0464	0	98.9	70	130			
cis-1,3-Dichloropropene	0.0445	0.00500	0.0464	0	95.9	70	130			
Cyclohexane	0.0483	0.0150	0.0464	0	104	70	130			N
Dibromochloromethane	0.0384	0.00500	0.0464	0	82.7	70	130			
Dichlorodifluoromethane	0.0332	0.00500	0.0464	0	71.5	70	130			
Ethylbenzene	0.0477	0.00500	0.0464	0	103	80	120			
Isopropylbenzene	0.0461	0.00500	0.0464	0	99.4	70	130			
m,p-Xylene	0.0949	0.00500	0.0928	0	102	70	130			
Methyl Acetate	0.0467	0.0150	0.0464	0	101	70	130			
Methyl tert-butyl ether	0.0425	0.00500	0.0464	0	91.6	70	130			
Methylcyclohexane	0.0498	0.0150	0.0464	0	107	70	130			
Methylene chloride	0.0433	0.00500	0.0464	0	93.4	70	130			
o-Xylene	0.0462	0.00500	0.0464	0	99.5	70	130			
Styrene	0.0452	0.00500	0.0464	0	97.3	70	130			
Tetrachloroethene	0.0442	0.00500	0.0464	0	95.3	70	130			
Toluene	0.0484	0.00500	0.0464	0	104	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026C

trans-1,2-Dichloroethene	0.0466	0.00500	0.0464	0	100	70	130
trans-1,3-Dichloropropene	0.0420	0.00500	0.0464	0	90.5	70	130
Trichloroethene	0.0487	0.00500	0.0464	0	105	70	130
Trichlorofluoromethane	0.0349	0.0150	0.0464	0	75.3	70	130
Vinyl chloride	0.0456	0.00500	0.0464	0	98.3	80	120
Surr: 1,2-Dichloroethane-d4	41.0		50.00		82.0	52	149
Surr: 4-Bromofluorobenzene	50.8		50.00		102	84	118
Surr: Dibromofluoromethane	43.3		50.00		86.6	65	135
Surr: Toluene-d8	50.2		50.00		100	84	116

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

Sample ID:	LCS-43564	Batch ID:	43564		TestNo:		SW8260B		Units:		mg/Kg
SampType:	LCS	Run ID:	GCMS2_101025A		Analysis Date:		10/25/10 11:38 AM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0253	0.00500	0.0232	0	109	68	130			
1,1,2,2-Tetrachloroethane		0.0230	0.00500	0.0232	0	99.1	59	140			
1,1,2-Trichloroethane		0.0228	0.00500	0.0232	0	98.1	62	127			
1,1,2-Trichlorotrifluoroethane		0.0233	0.0150	0.0232	0	100	57	135			
1,1-Dichloroethane		0.0242	0.00500	0.0232	0	104	73	125			
1,1-Dichloroethene		0.0221	0.00500	0.0232	0	95.4	65	136			
1,2,4-Trichlorobenzene		0.0241	0.00500	0.0232	0	104	65	131			
1,2-Dibromo-3-chloropropane		0.0241	0.00500	0.0232	0	104	49	135			
1,2-Dibromoethane		0.0231	0.00500	0.0232	0	99.6	70	124			
1,2-Dichlorobenzene		0.0226	0.00500	0.0232	0	97.2	74	120			
1,2-Dichloroethane		0.0260	0.00500	0.0232	0	112	72	137			
1,2-Dichloropropane		0.0234	0.00500	0.0232	0	101	71	120			
1,3-Dichlorobenzene		0.0226	0.00500	0.0232	0	97.3	72	124			
1,4-Dichlorobenzene		0.0225	0.00500	0.0232	0	96.9	72	125			
2-Butanone		0.0633	0.0150	0.0580	0	109	60	135			
2-Hexanone		0.0632	0.0150	0.0580	0	109	50	150			
4-Methyl-2-pentanone		0.0615	0.0150	0.0580	0	106	60	135			
Acetone		0.0659	0.0500	0.0580	0	114	40	141			
Benzene		0.0226	0.00500	0.0232	0	97.3	73	126			
Bromodichloromethane		0.0245	0.00500	0.0232	0	105	72	128			
Bromoform		0.0228	0.00500	0.0232	0	98.1	66	137			
Bromomethane		0.0254	0.00500	0.0232	0	109	45	141			
Carbon disulfide		0.0212	0.00500	0.0232	0	91.3	50	150			
Carbon tetrachloride		0.0248	0.00500	0.0232	0	107	67	133			
Chlorobenzene		0.0232	0.00500	0.0232	0	100	75	123			
Chloroethane		0.0288	0.00500	0.0232	0	124	41	141			
Chloroform		0.0248	0.00500	0.0232	0	107	72	124			
Chloromethane		0.0230	0.00500	0.0232	0	99.0	51	129			
cis-1,2-Dichloroethene		0.0229	0.00500	0.0232	0	98.5	67	125			
cis-1,3-Dichloropropene		0.0237	0.00500	0.0232	0	102	72	126			
Cyclohexane		0.0236	0.0150	0.0232	0	102	40	158			N
Dibromochloromethane		0.0229	0.00500	0.0232	0	98.7	66	130			
Dichlorodifluoromethane		0.0260	0.00500	0.0232	0	112	34	136			
Ethylbenzene		0.0233	0.00500	0.0232	0	100	74	127			
Isopropylbenzene		0.0241	0.00500	0.0232	0	104	77	129			
m,p-Xylene		0.0473	0.00500	0.0464	0	102	79	126			
Methyl Acetate		0.0236	0.0150	0.0232	0	102	50	150			
Methyl tert-butyl ether		0.0251	0.00500	0.0232	0	108	50	135			
Methylcyclohexane		0.0249	0.0150	0.0232	0	107	50	150			
Methylene chloride		0.0231	0.00500	0.0232	0	99.4	63	137			
o-Xylene		0.0234	0.00500	0.0232	0	101	77	125			
Styrene		0.0229	0.00500	0.0232	0	98.8	74	128			
Tetrachloroethene		0.0234	0.00500	0.0232	0	101	67	139			
Toluene		0.0231	0.00500	0.0232	0	99.7	71	127			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

trans-1,2-Dichloroethene	0.0230	0.00500	0.0232	0	99.2	66	134
trans-1,3-Dichloropropene	0.0246	0.00500	0.0232	0	106	65	127
Trichloroethene	0.0229	0.00500	0.0232	0	98.7	77	124
Trichlorofluoromethane	0.0295	0.0150	0.0232	0	127	49	139
Vinyl chloride	0.0224	0.00500	0.0232	0	96.4	58	126
Surr: 1,2-Dichloroethane-d4	57.3		50.00		115	52	149
Surr: 4-Bromofluorobenzene	51.6		50.00		103	84	118
Surr: Dibromofluoromethane	51.4		50.00		103	65	135
Surr: Toluene-d8	51.6		50.00		103	84	116

Sample ID:	MB-43564	Batch ID:	43564	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS2_101025A	Analysis Date:	10/25/10 12:45 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

Isopropylbenzene	<0.00100	0.00500
m,p-Xylene	<0.00100	0.00500
Methyl Acetate	<0.00500	0.0150
Methyl tert-butyl ether	<0.00100	0.00500
Methylcyclohexane	<0.00500	0.0150
Methylene chloride	<0.00500	0.00500
o-Xylene	<0.00100	0.00500
Styrene	<0.00100	0.00500
Tetrachloroethene	<0.00100	0.00500
Toluene	<0.00100	0.00500
trans-1,2-Dichloroethene	<0.00100	0.00500
trans-1,3-Dichloropropene	<0.00100	0.00500
Trichloroethene	<0.00100	0.00500
Trichlorofluoromethane	<0.00500	0.0150
Vinyl chloride	<0.00100	0.00500

Surr: 1,2-Dichloroethane-d4	52.8	50.00	106	52	149
Surr: 4-Bromofluorobenzene	53.6	50.00	107	84	118
Surr: Dibromofluoromethane	49.1	50.00	98.3	65	135
Surr: Toluene-d8	52.5	50.00	105	84	116

Sample ID:	1010167-13AMS	Batch ID:	43564	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS2_101025A	Analysis Date:	10/25/10 10:47 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0263	0.00591	0.0274	0	95.9	68	130			
1,1,2,2-Tetrachloroethane	0.0242	0.00591	0.0274	0	88.1	59	140			
1,1,2-Trichloroethane	0.0253	0.00591	0.0274	0	92.2	62	127			
1,1,2-Trichlorotrifluoroethane	0.0139	0.0177	0.0274	0	50.8	57	135			S
1,1-Dichloroethane	0.0244	0.00591	0.0274	0	88.8	73	125			
1,1-Dichloroethene	0.0123	0.00591	0.0274	0	44.7	65	136			S
1,2,4-Trichlorobenzene	0.0200	0.00591	0.0274	0	73.0	65	131			
1,2-Dibromo-3-chloropropane	0.0278	0.00591	0.0274	0	102	49	135			
1,2-Dibromoethane	0.0239	0.00591	0.0274	0	87.2	70	124			
1,2-Dichlorobenzene	0.0218	0.00591	0.0274	0	79.6	74	120			
1,2-Dichloroethane	0.0319	0.00591	0.0274	0	116	72	137			
1,2-Dichloropropane	0.0236	0.00591	0.0274	0	86.2	71	120			
1,3-Dichlorobenzene	0.0213	0.00591	0.0274	0	77.6	72	124			
1,4-Dichlorobenzene	0.0222	0.00591	0.0274	0	80.9	72	125			
2-Butanone	0.0827	0.0177	0.0685	0	121	60	135			
2-Hexanone	0.0775	0.0177	0.0685	0	113	50	150			
4-Methyl-2-pentanone	0.0797	0.0177	0.0685	0	116	60	135			
Acetone	0.246	0.0591	0.0685	0.587	-498	40	141			S
Benzene	0.0224	0.00591	0.0274	0	81.6	73	126			
Bromodichloromethane	0.0258	0.00591	0.0274	0	94.1	72	128			
Bromoform	0.0253	0.00591	0.0274	0	92.4	66	137			
Bromomethane	0.0365	0.00591	0.0274	0	133	45	141			
Carbon disulfide	0.0120	0.00591	0.0274	0	43.9	50	150			S
Carbon tetrachloride	0.0250	0.00591	0.0274	0	91.4	67	133			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

Chlorobenzene	0.0234	0.00591	0.0274	0	85.3	75	123	
Chloroethane	0.0375	0.00591	0.0274	0	137	41	141	
Chloroform	0.0258	0.00591	0.0274	0	94.2	72	124	
Chloromethane	0.0135	0.00591	0.0274	0	49.1	51	129	S
cis-1,2-Dichloroethene	0.0216	0.00591	0.0274	0	79.0	67	125	
cis-1,3-Dichloropropene	0.0229	0.00591	0.0274	0	83.5	72	126	
Cyclohexane	0.0231	0.0177	0.0274	0	84.4	40	158	N
Dibromochloromethane	0.0228	0.00591	0.0274	0	83.2	66	130	
Dichlorodifluoromethane	0.0122	0.00591	0.0274	0	44.7	34	136	
Ethylbenzene	0.0232	0.00591	0.0274	0	84.6	74	127	
Isopropylbenzene	0.0238	0.00591	0.0274	0	87.0	77	129	
m,p-Xylene	0.0472	0.00591	0.0548	0	86.1	79	126	
Methyl Acetate	0.0245	0.0177	0.0274	0	89.4	50	150	
Methyl tert-butyl ether	0.0264	0.00591	0.0274	0	96.3	50	135	
Methylcyclohexane	0.0256	0.0177	0.0274	0	93.5	50	150	
Methylene chloride	0.0141	0.00591	0.0274	0	51.5	63	137	S
o-Xylene	0.0229	0.00591	0.0274	0	83.5	77	125	
Styrene	0.0232	0.00591	0.0274	0	84.6	74	128	
Tetrachloroethene	0.0222	0.00591	0.0274	0	81.0	67	139	
Toluene	0.0239	0.00591	0.0274	0	87.3	71	127	
trans-1,2-Dichloroethene	0.0214	0.00591	0.0274	0	78.0	66	134	
trans-1,3-Dichloropropene	0.0263	0.00591	0.0274	0	95.8	65	127	
Trichloroethene	0.0237	0.00591	0.0274	0	86.3	77	124	
Trichlorofluoromethane	0.0398	0.0177	0.0274	0	145	49	139	S
Vinyl chloride	0.0144	0.00591	0.0274	0	52.5	58	126	S
Surr: 1,2-Dichloroethane-d4	84.7		59.08		143	52	149	
Surr: 4-Bromofluorobenzene	60.4		59.08		102	84	118	
Surr: Dibromofluoromethane	61.1		59.08		103	65	135	
Surr: Toluene-d8	59.2		59.08		100	84	116	

Sample ID:	1010167-13AMSD	Batch ID:	43564	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS2_101025A	Analysis Date:	10/25/10 11:20 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0276	0.00644	0.0299	0	92.3	68	130	4.79	30	
1,1,2,2-Tetrachloroethane	0.0244	0.00644	0.0299	0	81.6	59	140	1.01	30	
1,1,2-Trichloroethane	0.0263	0.00644	0.0299	0	87.8	62	127	3.85	30	
1,1,2-Trichlorotrifluoroethane	0.0233	0.0193	0.0299	0	78.0	57	135	50.4	30	R
1,1-Dichloroethane	0.0253	0.00644	0.0299	0	84.7	73	125	3.91	30	
1,1-Dichloroethene	0.0182	0.00644	0.0299	0	60.8	65	136	38.8	30	SR
1,2,4-Trichlorobenzene	0.0209	0.00644	0.0299	0	69.9	65	131	4.34	30	
1,2-Dibromo-3-chloropropane	0.0300	0.00644	0.0299	0	100	49	135	7.48	30	
1,2-Dibromoethane	0.0255	0.00644	0.0299	0	85.2	70	124	6.38	30	
1,2-Dichlorobenzene	0.0228	0.00644	0.0299	0	76.1	74	120	4.25	30	
1,2-Dichloroethane	0.0335	0.00644	0.0299	0	112	72	137	4.72	30	
1,2-Dichloropropane	0.0247	0.00644	0.0299	0	82.5	71	120	4.29	30	
1,3-Dichlorobenzene	0.0220	0.00644	0.0299	0	73.7	72	124	3.49	30	
1,4-Dichlorobenzene	0.0229	0.00644	0.0299	0	76.7	72	125	3.38	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

2-Butanone	0.0891	0.0193	0.0747	0	119	60	135	7.37	30	
2-Hexanone	0.0856	0.0193	0.0747	0	115	50	150	9.92	30	
4-Methyl-2-pentanone	0.0865	0.0193	0.0747	0	116	60	135	8.26	30	
Acetone	0.205	0.0644	0.0747	0.587	-511	40	141	18.1	30	S
Benzene	0.0234	0.00644	0.0299	0	78.1	73	126	4.36	30	
Bromodichloromethane	0.0268	0.00644	0.0299	0	89.6	72	128	3.80	30	
Bromoform	0.0269	0.00644	0.0299	0	90.0	66	137	6.13	30	
Bromomethane	0.0388	0.00644	0.0299	0	130	45	141	5.93	30	
Carbon disulfide	0.0206	0.00644	0.0299	0	68.7	50	150	52.3	30	R
Carbon tetrachloride	0.0265	0.00644	0.0299	0	88.7	67	133	5.66	30	
Chlorobenzene	0.0246	0.00644	0.0299	0	82.2	75	123	4.87	30	
Chloroethane	0.0395	0.00644	0.0299	0	132	41	141	5.32	30	
Chloroform	0.0272	0.00644	0.0299	0	91.0	72	124	5.28	30	
Chloromethane	0.0148	0.00644	0.0299	0	49.5	51	129	9.55	30	S
cis-1,2-Dichloroethene	0.0231	0.00644	0.0299	0	77.2	67	125	6.36	30	
cis-1,3-Dichloropropene	0.0241	0.00644	0.0299	0	80.6	72	126	5.11	30	
Cyclohexane	0.0239	0.0193	0.0299	0	79.8	40	158	3.07	30	N
Dibromochloromethane	0.0243	0.00644	0.0299	0	81.2	66	130	6.27	30	
Dichlorodifluoromethane	0.0130	0.00644	0.0299	0	43.4	34	136	5.94	30	
Ethylbenzene	0.0244	0.00644	0.0299	0	81.6	74	127	5.15	30	
Isopropylbenzene	0.0249	0.00644	0.0299	0	83.2	77	129	4.22	30	
m,p-Xylene	0.0491	0.00644	0.0598	0	82.1	79	126	3.97	30	
Methyl Acetate	0.0273	0.0193	0.0299	0	91.4	50	150	10.9	30	
Methyl tert-butyl ether	0.0281	0.00644	0.0299	0	94.0	50	135	6.24	30	
Methylcyclohexane	0.0269	0.0193	0.0299	0	90.0	50	150	4.83	30	
Methylene chloride	0.0238	0.00644	0.0299	0	79.7	63	137	51.2	30	R
o-Xylene	0.0239	0.00644	0.0299	0	79.8	77	125	4.14	30	
Styrene	0.0242	0.00644	0.0299	0	81.0	74	128	4.36	30	
Tetrachloroethene	0.0229	0.00644	0.0299	0	76.7	67	139	3.21	30	
Toluene	0.0252	0.00644	0.0299	0	84.1	71	127	4.96	30	
trans-1,2-Dichloroethene	0.0224	0.00644	0.0299	0	74.9	66	134	4.57	30	
trans-1,3-Dichloropropene	0.0276	0.00644	0.0299	0	92.3	65	127	4.97	30	
Trichloroethene	0.0251	0.00644	0.0299	0	84.0	77	124	5.95	30	
Trichlorofluoromethane	0.0423	0.0193	0.0299	0	142	49	139	6.15	30	S
Vinyl chloride	0.0157	0.00644	0.0299	0	52.7	58	126	8.92	30	S
Surr: 1,2-Dichloroethane-d4	93.8		64.44		146	52	149	0	0	
Surr: 4-Bromofluorobenzene	65.4		64.44		101	84	118	0	0	
Surr: Dibromofluoromethane	68.0		64.44		106	65	135	0	0	
Surr: Toluene-d8	64.1		64.44		99.5	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

Sample ID:	ICV-101025	Batch ID:	R51955	TestNo:	SW8260B	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS2_101025A	Analysis Date:	10/25/10 10:54 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0507	0.00500	0.0464	0	109	70	130			
1,1,2,2-Tetrachloroethane	0.0450	0.00500	0.0464	0	96.9	70	130			
1,1,2-Trichloroethane	0.0457	0.00500	0.0464	0	98.6	70	130			
1,1,2-Trichlorotrifluoroethane	0.0455	0.0150	0.0464	0	98.0	70	130			
1,1-Dichloroethane	0.0485	0.00500	0.0464	0	104	70	130			
1,1-Dichloroethene	0.0431	0.00500	0.0464	0	92.9	80	120			
1,2,4-Trichlorobenzene	0.0448	0.00500	0.0464	0	96.6	70	130			
1,2-Dibromo-3-chloropropane	0.0480	0.00500	0.0464	0	103	70	130			
1,2-Dibromoethane	0.0454	0.00500	0.0464	0	97.9	70	130			
1,2-Dichlorobenzene	0.0442	0.00500	0.0464	0	95.4	70	130			
1,2-Dichloroethane	0.0520	0.00500	0.0464	0	112	70	130			
1,2-Dichloropropane	0.0468	0.00500	0.0464	0	101	80	120			
1,3-Dichlorobenzene	0.0444	0.00500	0.0464	0	95.6	70	130			
1,4-Dichlorobenzene	0.0451	0.00500	0.0464	0	97.2	70	130			
2-Butanone	0.128	0.0150	0.116	0	110	70	130			
2-Hexanone	0.122	0.0150	0.116	0	105	70	130			
4-Methyl-2-pentanone	0.116	0.0150	0.116	0	100	70	130			
Acetone	0.134	0.0500	0.116	0	116	70	130			
Benzene	0.0454	0.00500	0.0464	0	97.8	70	130			
Bromodichloromethane	0.0488	0.00500	0.0464	0	105	70	130			
Bromoform	0.0462	0.00500	0.0464	0	99.7	70	130			
Bromomethane	0.0501	0.00500	0.0464	0	108	70	130			
Carbon disulfide	0.0421	0.00500	0.0464	0	90.6	70	130			
Carbon tetrachloride	0.0506	0.00500	0.0464	0	109	70	130			
Chlorobenzene	0.0459	0.00500	0.0464	0	98.9	70	130			
Chloroethane	0.0571	0.00500	0.0464	0	123	70	130			
Chloroform	0.0494	0.00500	0.0464	0	106	80	120			
Chloromethane	0.0471	0.00500	0.0464	0	102	70	130			
cis-1,2-Dichloroethene	0.0455	0.00500	0.0464	0	98.0	70	130			
cis-1,3-Dichloropropene	0.0481	0.00500	0.0464	0	104	70	130			
Cyclohexane	0.0478	0.0150	0.0464	0	103	70	130			N
Dibromochloromethane	0.0459	0.00500	0.0464	0	98.9	70	130			
Dichlorodifluoromethane	0.0543	0.00500	0.0464	0	117	70	130			
Ethylbenzene	0.0462	0.00500	0.0464	0	99.6	80	120			
Isopropylbenzene	0.0470	0.00500	0.0464	0	101	70	130			
m,p-Xylene	0.0946	0.00500	0.0928	0	102	70	130			
Methyl Acetate	0.0470	0.0150	0.0464	0	101	70	130			
Methyl tert-butyl ether	0.0495	0.00500	0.0464	0	107	70	130			
Methylcyclohexane	0.0499	0.0150	0.0464	0	107	70	130			
Methylene chloride	0.0452	0.00500	0.0464	0	97.4	70	130			
o-Xylene	0.0465	0.00500	0.0464	0	100	70	130			
Styrene	0.0455	0.00500	0.0464	0	98.1	70	130			
Tetrachloroethene	0.0463	0.00500	0.0464	0	99.8	70	130			
Toluene	0.0458	0.00500	0.0464	0	98.7	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_101025A

trans-1,2-Dichloroethene	0.0464	0.00500	0.0464	0	100	70	130
trans-1,3-Dichloropropene	0.0499	0.00500	0.0464	0	108	70	130
Trichloroethene	0.0461	0.00500	0.0464	0	99.3	70	130
Trichlorofluoromethane	0.0584	0.0150	0.0464	0	126	70	130
Vinyl chloride	0.0467	0.00500	0.0464	0	101	80	120
Surr: 1,2-Dichloroethane-d4	56.0		50.00		112	52	149
Surr: 4-Bromofluorobenzene	50.9		50.00		102	84	118
Surr: Dibromofluoromethane	51.8		50.00		104	65	135
Surr: Toluene-d8	49.7		50.00		99.3	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	LCS-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	LCS	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 11:53 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0215	0.00100	0.0232	0	92.8	67	132			
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128			
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.6	75	125			
1,1,2-Trichlorotrifluoroethane	0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane	0.0225	0.00100	0.0232	0	96.9	69	133			
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.1	68	130			
1,2,4-Trichlorobenzene	0.0204	0.00500	0.0232	0	88.1	66	134			
1,2-Dibromo-3-chloropropane	0.0224	0.0100	0.0232	0	96.6	50	132			
1,2-Dibromoethane	0.0242	0.00100	0.0232	0	104	80	121			
1,2-Dichlorobenzene	0.0250	0.00100	0.0232	0	108	75	122			
1,2-Dichloroethane	0.0208	0.00100	0.0232	0	89.8	69	132			
1,2-Dichloropropane	0.0229	0.00100	0.0232	0	98.6	75	125			
1,3-Dichlorobenzene	0.0252	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene	0.0245	0.00100	0.0232	0	106	74	123			
2-Butanone	0.0195	0.0150	0.0232	0	84.0	49	136			
2-Hexanone	0.0229	0.0150	0.0232	0	98.8	50	150			
4-Methyl-2-pentanone	0.0227	0.0150	0.0232	0	98.0	60	134			
Acetone	0.0201	0.0150	0.0232	0	86.6	40	135			
Benzene	0.0235	0.00100	0.0232	0	101	81	122			
Bromodichloromethane	0.0226	0.00100	0.0232	0	97.6	76	121			
Bromoform	0.0260	0.00100	0.0232	0	112	69	128			
Bromomethane	0.0225	0.00100	0.0232	0	96.9	53	141			
Carbon disulfide	0.0199	0.0150	0.0232	0	85.6	50	150			
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138			
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122			
Chloroethane	0.0208	0.00100	0.0232	0	89.6	58	133			
Chloroform	0.0218	0.00100	0.0232	0	94.0	69	128			
Chloromethane	0.0200	0.00100	0.0232	0	86.3	56	131			
cis-1,2-Dichloroethene	0.0227	0.00100	0.0232	0	97.8	72	126			
cis-1,3-Dichloropropene	0.0245	0.00100	0.0232	0	106	69	131			
Cyclohexane	0.0229	0.0150	0.0232	0	98.8	40	161			N
Dibromochloromethane	0.0241	0.00100	0.0232	0	104	66	133			
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.6	53	153			
Ethylbenzene	0.0251	0.00100	0.0232	0	108	80	120			
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127			
m,p-Xylene	0.0514	0.00200	0.0464	0	111	80	120			
Methyl Acetate	0.0197	0.0150	0.0232	0	85.0	50	150			
Methyl tert-butyl ether	0.0213	0.00100	0.0232	0	91.9	68	123			
Methylcyclohexane	0.0215	0.0150	0.0232	0	92.5	70	130			
Methylene chloride	0.0223	0.00250	0.0232	0	95.9	63	137			
o-Xylene	0.0262	0.00100	0.0232	0	113	80	120			
Styrene	0.0256	0.00100	0.0232	0	110	65	134			
Tetrachloroethene	0.0258	0.00200	0.0232	0	111	66	128			
Toluene	0.0232	0.00200	0.0232	0	99.8	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0224	0.00100	0.0232	0	96.7	63	137
trans-1,3-Dichloropropene	0.0240	0.00100	0.0232	0	103	59	135
Trichloroethene	0.0221	0.00200	0.0232	0	95.3	70	127
Trichlorofluoromethane	0.0212	0.00100	0.0232	0	91.4	57	129
Vinyl chloride	0.0216	0.00100	0.0232	0	93.1	50	134
Surr: 1,2-Dichloroethane-d4	183		200.0		91.3	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	188		200.0		93.9	85	115
Surr: Toluene-d8	204		200.0		102	81	120

Sample ID:	MB-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 01:10 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Isopropylbenzene	<0.000200	0.00100				
m,p-Xylene	<0.000600	0.00200				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.000300	0.00100				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00250	0.00250				
o-Xylene	<0.000300	0.00100				
Styrene	<0.000200	0.00100				
Tetrachloroethene	<0.000600	0.00200				
Toluene	<0.000600	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000600	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	182		200.0	91.0	72	119
Surr: 4-Bromofluorobenzene	192		200.0	95.8	76	119
Surr: Dibromofluoromethane	187		200.0	93.5	85	115
Surr: Toluene-d8	204		200.0	102	81	120

Sample ID:	1010155-03AMS	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MS	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 10:06 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0221	0.00100	0.0232	0	95.3	67	132			
1,1,2,2-Tetrachloroethane	0.0271	0.00100	0.0232	0	117	63	128			
1,1,2-Trichloroethane	0.0224	0.00100	0.0232	0	96.5	75	125			
1,1,2-Trichlorotrifluoroethane	0.0227	0.0150	0.0232	0	98.0	67	125			
1,1-Dichloroethane	0.0274	0.00100	0.0232	0.00506	96.4	69	133			
1,1-Dichloroethene	0.0290	0.00100	0.0232	0.00607	99.0	68	130			
1,2,4-Trichlorobenzene	0.0199	0.00500	0.0232	0	85.6	66	134			
1,2-Dibromo-3-chloropropane	0.0214	0.0100	0.0232	0	92.1	50	132			
1,2-Dibromoethane	0.0236	0.00100	0.0232	0	102	80	121			
1,2-Dichlorobenzene	0.0249	0.00100	0.0232	0	107	75	125			
1,2-Dichloroethane	0.0218	0.00100	0.0232	0	93.8	68	132			
1,2-Dichloropropane	0.0228	0.00100	0.0232	0	98.3	75	125			
1,3-Dichlorobenzene	0.0250	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene	0.0244	0.00100	0.0232	0	105	74	123			
2-Butanone	0.0201	0.0150	0.0232	0	86.7	49	136			
2-Hexanone	0.0218	0.0150	0.0232	0	93.8	50	150			
4-Methyl-2-pentanone	0.0223	0.0150	0.0232	0	96.1	60	135			
Acetone	0.0227	0.0150	0.0232	0	97.8	40	135			
Benzene	0.0237	0.00100	0.0232	0	102	81	120			
Bromodichloromethane	0.0229	0.00100	0.0232	0	98.8	76	121			
Bromoform	0.0241	0.00100	0.0232	0	104	69	128			
Bromomethane	0.0240	0.00100	0.0232	0	103	53	141			
Carbon disulfide	0.0188	0.0150	0.0232	0	80.9	50	150			
Carbon tetrachloride	0.0240	0.00100	0.0232	0	104	66	138			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Chlorobenzene	0.0242	0.00100	0.0232	0	104	81	122	
Chloroethane	0.0224	0.00100	0.0232	0	96.7	58	133	
Chloroform	0.0223	0.00100	0.0232	0	96.1	69	128	
Chloromethane	0.0202	0.00100	0.0232	0	87.3	56	131	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	99.0	72	126	
cis-1,3-Dichloropropene	0.0225	0.00100	0.0232	0	96.9	69	131	
Cyclohexane	0.0224	0.0150	0.0232	0	96.7	40	161	N
Dibromochloromethane	0.0233	0.00100	0.0232	0	101	66	133	
Dichlorodifluoromethane	0.0212	0.00100	0.0232	0	91.6	53	153	
Ethylbenzene	0.0248	0.00100	0.0232	0	107	80	120	
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127	
m,p-Xylene	0.0512	0.00200	0.0464	0	110	80	120	
Methyl Acetate	0.0163	0.0150	0.0232	0	70.4	50	150	
Methyl tert-butyl ether	0.0215	0.00100	0.0232	0	92.6	68	123	
Methylcyclohexane	0.0208	0.0150	0.0232	0	89.7	70	130	
Methylene chloride	0.0229	0.00250	0.0232	0	98.5	63	137	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	
Styrene	0.0245	0.00100	0.0232	0	106	65	134	
Tetrachloroethene	0.0255	0.00200	0.0232	0	110	66	128	
Toluene	0.0232	0.00200	0.0232	0	100	80	120	
trans-1,2-Dichloroethene	0.0226	0.00100	0.0232	0	97.5	63	137	
trans-1,3-Dichloropropene	0.0226	0.00100	0.0232	0	97.4	59	135	
Trichloroethene	0.0219	0.00200	0.0232	0	94.5	70	127	
Trichlorofluoromethane	0.0233	0.00100	0.0232	0	101	57	129	
Vinyl chloride	0.0214	0.00100	0.0232	0.00010	91.9	50	134	
Surr: 1,2-Dichloroethane-d4	186		200.0		93.2	72	119	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	
Surr: Dibromofluoromethane	190		200.0		95.1	85	115	
Surr: Toluene-d8	203		200.0		101	81	120	

Sample ID:	1010155-03AMSD	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MSD	Run ID:	GCMS7_101026A	Analysis Date:	10/26/10 10:32 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0220	0.00100	0.0232	0	94.8	67	132	0.454	20	
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128	0.844	20	
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.8	75	125	0.672	20	
1,1,2-Trichlorotrifluoroethane	0.0226	0.0150	0.0232	0	97.2	67	125	0.751	20	
1,1-Dichloroethane	0.0274	0.00100	0.0232	0.00506	96.1	69	133	0.219	20	
1,1-Dichloroethene	0.0291	0.00100	0.0232	0.00607	99.2	68	130	0.172	20	
1,2,4-Trichlorobenzene	0.0198	0.00500	0.0232	0	85.3	66	134	0.454	20	
1,2-Dibromo-3-chloropropane	0.0212	0.0100	0.0232	0	91.5	50	132	0.658	20	
1,2-Dibromoethane	0.0235	0.00100	0.0232	0	101	80	121	0.467	20	
1,2-Dichlorobenzene	0.0248	0.00100	0.0232	0	107	75	125	0.443	20	
1,2-Dichloroethane	0.0218	0.00100	0.0232	0	93.8	68	132	0.046	20	
1,2-Dichloropropane	0.0228	0.00100	0.0232	0	98.3	75	125	0	20	
1,3-Dichlorobenzene	0.0249	0.00100	0.0232	0	107	75	124	0.401	20	
1,4-Dichlorobenzene	0.0243	0.00100	0.0232	0	105	74	123	0.164	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

2-Butanone	0.0214	0.0150	0.0232	0	92.0	49	136	5.93	20	
2-Hexanone	0.0217	0.0150	0.0232	0	93.6	50	150	0.138	20	
4-Methyl-2-pentanone	0.0224	0.0150	0.0232	0	96.7	60	135	0.626	20	
Acetone	0.0227	0.0150	0.0232	0	97.7	40	135	0.132	20	
Benzene	0.0236	0.00100	0.0232	0	102	81	120	0.508	20	
Bromodichloromethane	0.0225	0.00100	0.0232	0	97.1	76	121	1.76	20	
Bromoform	0.0238	0.00100	0.0232	0	103	69	128	1.00	20	
Bromomethane	0.0240	0.00100	0.0232	0	103	53	141	0.125	20	
Carbon disulfide	0.0190	0.0150	0.0232	0	81.9	50	150	1.16	20	
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138	1.00	20	
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122	0.704	20	
Chloroethane	0.0219	0.00100	0.0232	0	94.2	58	133	2.57	20	
Chloroform	0.0225	0.00100	0.0232	0	96.9	69	128	0.804	20	
Chloromethane	0.0201	0.00100	0.0232	0	86.4	56	131	0.993	20	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0	98.9	72	126	0.087	20	
cis-1,3-Dichloropropene	0.0227	0.00100	0.0232	0	97.9	69	131	0.973	20	
Cyclohexane	0.0220	0.0150	0.0232	0	94.7	40	161	2.12	20	N
Dibromochloromethane	0.0234	0.00100	0.0232	0	101	66	133	0.300	20	
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.7	53	153	2.09	20	
Ethylbenzene	0.0246	0.00100	0.0232	0	106	80	120	0.688	20	
Isopropylbenzene	0.0258	0.00100	0.0232	0	111	75	127	1.54	20	
m,p-Xylene	0.0507	0.00200	0.0464	0	109	80	120	1.08	20	
Methyl Acetate	0.0158	0.0150	0.0232	0	68.3	50	150	3.04	20	
Methyl tert-butyl ether	0.0217	0.00100	0.0232	0	93.5	68	123	0.972	20	
Methylcyclohexane	0.0206	0.0150	0.0232	0	88.6	70	130	1.21	20	
Methylene chloride	0.0226	0.00250	0.0232	0	97.4	63	137	1.14	20	
o-Xylene	0.0258	0.00100	0.0232	0	111	80	120	0.116	20	
Styrene	0.0243	0.00100	0.0232	0	105	65	134	0.901	20	
Tetrachloroethene	0.0252	0.00200	0.0232	0	109	66	128	1.03	20	
Toluene	0.0234	0.00200	0.0232	0	101	80	120	0.643	20	
trans-1,2-Dichloroethene	0.0225	0.00100	0.0232	0	97.1	63	137	0.443	20	
trans-1,3-Dichloropropene	0.0222	0.00100	0.0232	0	95.6	59	135	1.83	20	
Trichloroethene	0.0220	0.00200	0.0232	0	94.9	70	127	0.410	20	
Trichlorofluoromethane	0.0226	0.00100	0.0232	0	97.5	57	129	3.13	20	
Vinyl chloride	0.0211	0.00100	0.0232	0.00010	90.3	50	134	1.74	20	
Surr: 1,2-Dichloroethane-d4	187		200.0		93.6	72	119	0	0	
Surr: 4-Bromofluorobenzene	187		200.0		93.7	76	119	0	0	
Surr: Dibromofluoromethane	191		200.0		95.3	85	115	0	0	
Surr: Toluene-d8	205		200.0		102	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

Sample ID:	ICV-101026	Batch ID:	R51980		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS7_101026A		Analysis Date:		10/26/10 11:18 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0435	0.00100	0.0464	0	93.8	70	130			
1,1,2,2-Tetrachloroethane		0.0550	0.00100	0.0464	0	118	70	130			
1,1,2-Trichloroethane		0.0440	0.00100	0.0464	0	94.9	70	130			
1,1,2-Trichlorotrifluoroethane		0.0444	0.0150	0.0464	0	95.6	70	130			
1,1-Dichloroethane		0.0451	0.00100	0.0464	0	97.2	70	130			
1,1-Dichloroethene		0.0446	0.00100	0.0464	0	96.2	80	120			
1,2,4-Trichlorobenzene		0.0427	0.00500	0.0464	0	92.0	70	130			
1,2-Dibromo-3-chloropropane		0.0466	0.0100	0.0464	0	100	70	130			
1,2-Dibromoethane		0.0495	0.00100	0.0464	0	107	70	130			
1,2-Dichlorobenzene		0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichloroethane		0.0420	0.00100	0.0464	0	90.5	70	130			
1,2-Dichloropropane		0.0462	0.00100	0.0464	0	99.5	70	130			
1,3-Dichlorobenzene		0.0510	0.00100	0.0464	0	110	70	130			
1,4-Dichlorobenzene		0.0490	0.00100	0.0464	0	106	70	130			
2-Butanone		0.0367	0.0150	0.0464	0	79.0	70	130			
2-Hexanone		0.0473	0.0150	0.0464	0	102	70	130			
4-Methyl-2-pentanone		0.0465	0.0150	0.0464	0	100	70	130			
Acetone		0.0403	0.0150	0.0464	0	86.8	70	130			
Benzene		0.0465	0.00100	0.0464	0	100	70	130			
Bromodichloromethane		0.0464	0.00100	0.0464	0	99.9	70	130			
Bromoform		0.0538	0.00100	0.0464	0	116	70	130			
Bromomethane		0.0374	0.00100	0.0464	0	80.7	70	130			
Carbon disulfide		0.0393	0.0150	0.0464	0	84.8	70	130			
Carbon tetrachloride		0.0494	0.00100	0.0464	0	106	70	130			
Chlorobenzene		0.0477	0.00100	0.0464	0	103	70	130			
Chloroethane		0.0330	0.00100	0.0464	0	71.1	70	130			
Chloroform		0.0439	0.00100	0.0464	0	94.7	80	120			
Chloromethane		0.0378	0.00100	0.0464	0	81.5	70	130			
cis-1,2-Dichloroethene		0.0454	0.00100	0.0464	0	97.9	70	130			
cis-1,3-Dichloropropene		0.0499	0.00100	0.0464	0	108	70	130			
Cyclohexane		0.0451	0.0150	0.0464	0	97.2	70	130			N
Dibromochloromethane		0.0517	0.00100	0.0464	0	111	70	130			
Dichlorodifluoromethane		0.0405	0.00100	0.0464	0	87.3	70	130			
Ethylbenzene		0.0498	0.00100	0.0464	0	107	80	120			
Isopropylbenzene		0.0510	0.00100	0.0464	0	110	70	130			
m,p-Xylene		0.100	0.00200	0.0928	0	108	70	130			
Methyl Acetate		0.0388	0.0150	0.0464	0	83.7	70	130			
Methyl tert-butyl ether		0.0432	0.00100	0.0464	0	93.1	70	130			
Methylcyclohexane		0.0424	0.0150	0.0464	0	91.3	70	130			
Methylene chloride		0.0454	0.00250	0.0464	0	97.8	70	130			
o-Xylene		0.0512	0.00100	0.0464	0	110	70	130			
Styrene		0.0501	0.00100	0.0464	0	108	70	130			
Tetrachloroethene		0.0530	0.00200	0.0464	0	114	70	130			
Toluene		0.0461	0.00200	0.0464	0	99.4	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026A

trans-1,2-Dichloroethene	0.0453	0.00100	0.0464	0	97.7	70	130
trans-1,3-Dichloropropene	0.0495	0.00100	0.0464	0	107	70	130
Trichloroethene	0.0442	0.00200	0.0464	0	95.3	70	130
Trichlorofluoromethane	0.0348	0.00100	0.0464	0	75.0	70	130
Vinyl chloride	0.0422	0.00100	0.0464	0	90.9	80	120
Surr: 1,2-Dichloroethane-d4	183		200.0		91.7	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	190		200.0		94.9	85	115
Surr: Toluene-d8	209		200.0		105	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026B

Sample ID:	LCS-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	LCS	Run ID:	GCMS7_101026B	Analysis Date:	10/26/10 11:53 AM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0215	0.00100	0.0232	0	92.8	67	132			
1,1,2,2-Tetrachloroethane	0.0274	0.00100	0.0232	0	118	63	128			
1,1,2-Trichloroethane	0.0222	0.00100	0.0232	0	95.6	75	125			
1,1-Dichloroethane	0.0225	0.00100	0.0232	0	96.9	69	133			
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.1	68	130			
1,2,4-Trichlorobenzene	0.0204	0.00500	0.0232	0	88.1	66	134			
1,2-Dibromo-3-chloropropane	0.0224	0.00500	0.0232	0	96.6	50	132			
1,2-Dibromoethane	0.0242	0.00100	0.0232	0	104	80	121			
1,2-Dichlorobenzene	0.0250	0.00100	0.0232	0	108	75	125			
1,2-Dichloroethane	0.0208	0.00100	0.0232	0	89.8	68	127			
1,2-Dichloropropane	0.0229	0.00100	0.0232	0	98.6	75	125			
1,3-Dichlorobenzene	0.0252	0.00100	0.0232	0	108	75	124			
1,4-Dichlorobenzene	0.0245	0.00100	0.0232	0	106	74	123			
2-Butanone	0.0195	0.0150	0.0232	0	84.0	49	136			
2-Hexanone	0.0229	0.0150	0.0232	0	98.8	50	150			
4-Methyl-2-pentanone	0.0227	0.0150	0.0232	0	98.0	58	134			
Acetone	0.0201	0.0150	0.0232	0	86.6	40	135			
Benzene	0.0235	0.00100	0.0232	0	101	81	120			
Bromodichloromethane	0.0226	0.00100	0.0232	0	97.6	76	121			
Bromoform	0.0260	0.00100	0.0232	0	112	69	128			
Bromomethane	0.0225	0.00100	0.0232	0	96.9	53	141			
Carbon disulfide	0.0199	0.0150	0.0232	0	85.6	50	150			
Carbon tetrachloride	0.0238	0.00100	0.0232	0	103	66	138			
Chlorobenzene	0.0241	0.00100	0.0232	0	104	81	122			
Chloroethane	0.0208	0.00100	0.0232	0	89.6	58	133			
Chloroform	0.0218	0.00100	0.0232	0	94.0	69	128			
Chloromethane	0.0200	0.00100	0.0232	0	86.3	56	131			
cis-1,2-Dichloroethene	0.0227	0.00100	0.0232	0	97.8	72	126			
cis-1,3-Dichloropropene	0.0245	0.00100	0.0232	0	106	69	131			
Dibromochloromethane	0.0241	0.00100	0.0232	0	104	66	133			
Dichlorodifluoromethane	0.0208	0.00100	0.0232	0	89.6	53	153			
Ethylbenzene	0.0251	0.00100	0.0232	0	108	80	120			
Isopropylbenzene	0.0262	0.00100	0.0232	0	113	75	127			
m,p-Xylene	0.0514	0.00200	0.0464	0	111	80	120			
Methyl tert-butyl ether	0.0213	0.00100	0.0232	0	91.9	68	123			
Methylene chloride	0.0223	0.00250	0.0232	0	95.9	63	137			
o-Xylene	0.0262	0.00100	0.0232	0	113	80	120			
Styrene	0.0256	0.00100	0.0232	0	110	65	134			
Tetrachloroethene	0.0258	0.00200	0.0232	0	111	66	128			
Toluene	0.0232	0.00200	0.0232	0	99.8	80	120			
trans-1,2-Dichloroethene	0.0224	0.00100	0.0232	0	96.7	63	137			
trans-1,3-Dichloropropene	0.0240	0.00100	0.0232	0	103	59	135			
Trichloroethene	0.0221	0.00200	0.0232	0	95.3	70	127			
Trichlorofluoromethane	0.0212	0.00100	0.0232	0	91.4	57	129			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026B

Vinyl chloride	0.0216	0.00100	0.0232	0	93.1	50	134
Surr: 1,2-Dichloroethane-d4	183		200.0		91.3	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	188		200.0		93.9	85	115
Surr: Toluene-d8	204		200.0		102	81	120

Sample ID:	MB-43586	Batch ID:	43586	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS7_101026B	Analysis Date:	10/26/10 01:10 PM	Prep Date:	10/26/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00200	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.00500								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								
Isopropylbenzene	<0.000200	0.00100								
m,p-Xylene	<0.000600	0.00200								
Methyl tert-butyl ether	<0.000300	0.00100								
Methylene chloride	<0.00250	0.00250								
o-Xylene	<0.000300	0.00100								
Styrene	<0.000200	0.00100								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

Tetrachloroethene	<0.000700	0.00200				
Toluene	<0.000700	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000700	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	182		200.0	91.0	72	119
Surr: 4-Bromofluorobenzene	192		200.0	95.8	76	119
Surr: Dibromofluoromethane	187		200.0	93.5	85	115
Surr: Toluene-d8	204		200.0	102	81	120

Sample ID:	1010155-03AMS	Batch ID:	43586	TestNo:	SW8260B		Units:	mg/L	
SampType:	MS	Run ID:	GCMS7_101026B	Analysis Date:	10/26/10 10:06 PM		Prep Date:	10/26/10	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1-Dichloroethene		0.0290	0.00100	0.0232	0.00607	99.0	68	130			
Benzene		0.0237	0.00100	0.0232	0	102	81	120			
Chlorobenzene		0.0242	0.00100	0.0232	0	104	81	122			
Toluene		0.0232	0.00200	0.0232	0	100	80	120			
Trichloroethene		0.0219	0.00200	0.0232	0	94.5	70	127			
Surr: 1,2-Dichloroethane-d4		186		200.0		93.2	72	119			
Surr: 4-Bromofluorobenzene		187		200.0		93.7	76	119			
Surr: Dibromofluoromethane		190		200.0		95.1	85	115			
Surr: Toluene-d8		203		200.0		101	81	120			

Sample ID:	1010155-03AMSD	Batch ID:	43586	TestNo:	SW8260B		Units:	mg/L	
SampType:	MSD	Run ID:	GCMS7_101026B	Analysis Date:	10/26/10 10:32 PM		Prep Date:	10/26/10	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1-Dichloroethene		0.0291	0.00100	0.0232	0.00607	99.2	68	130	0.172	20	
Benzene		0.0236	0.00100	0.0232	0	102	81	120	0.508	20	
Chlorobenzene		0.0241	0.00100	0.0232	0	104	81	122	0.704	20	
Toluene		0.0234	0.00200	0.0232	0	101	80	120	0.643	20	
Trichloroethene		0.0220	0.00200	0.0232	0	94.9	70	127	0.410	20	
Surr: 1,2-Dichloroethane-d4		187		200.0		93.6	72	119	0	0	
Surr: 4-Bromofluorobenzene		187		200.0		93.7	76	119	0	0	
Surr: Dibromofluoromethane		191		200.0		95.3	85	115	0	0	
Surr: Toluene-d8		205		200.0		102	81	120	0	0	

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026B

Sample ID:	ICV-101026	Batch ID:	R51981	TestNo:	SW8260B	Units:	mg/L
SampType:	ICV	Run ID:	GCMS7_101026B	Analysis Date:	10/26/10 11:18 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0435	0.00100	0.0464	0	93.8	70	130			
1,1,2,2-Tetrachloroethane	0.0550	0.00100	0.0464	0	118	70	130			
1,1,2-Trichloroethane	0.0440	0.00100	0.0464	0	94.9	70	130			
1,1-Dichloroethane	0.0451	0.00100	0.0464	0	97.2	70	130			
1,1-Dichloroethene	0.0446	0.00100	0.0464	0	96.2	80	120			
1,2,4-Trichlorobenzene	0.0427	0.00500	0.0464	0	92.0	70	130			
1,2-Dibromo-3-chloropropane	0.0466	0.00500	0.0464	0	100	70	130			
1,2-Dibromoethane	0.0495	0.00100	0.0464	0	107	70	130			
1,2-Dichlorobenzene	0.0508	0.00100	0.0464	0	109	70	130			
1,2-Dichloroethane	0.0420	0.00100	0.0464	0	90.5	70	130			
1,2-Dichloropropane	0.0462	0.00100	0.0464	0	99.5	80	120			
1,3-Dichlorobenzene	0.0510	0.00100	0.0464	0	110	70	130			
1,4-Dichlorobenzene	0.0490	0.00100	0.0464	0	106	70	130			
2-Butanone	0.0367	0.0150	0.0464	0	79.0	70	130			
2-Hexanone	0.0473	0.0150	0.0464	0	102	70	130			
4-Methyl-2-pentanone	0.0465	0.0150	0.0464	0	100	70	130			
Acetone	0.0403	0.0150	0.0464	0	86.8	70	130			
Benzene	0.0465	0.00100	0.0464	0	100	70	130			
Bromodichloromethane	0.0464	0.00100	0.0464	0	99.9	70	130			
Bromoform	0.0538	0.00100	0.0464	0	116	70	130			
Bromomethane	0.0374	0.00100	0.0464	0	80.7	70	130			
Carbon disulfide	0.0393	0.0150	0.0464	0	84.8	70	130			
Carbon tetrachloride	0.0494	0.00100	0.0464	0	106	70	130			
Chlorobenzene	0.0477	0.00100	0.0464	0	103	70	130			
Chloroethane	0.0330	0.00100	0.0464	0	71.1	70	130			
Chloroform	0.0439	0.00100	0.0464	0	94.7	80	120			
Chloromethane	0.0378	0.00100	0.0464	0	81.5	70	130			
cis-1,2-Dichloroethene	0.0454	0.00100	0.0464	0	97.9	70	130			
cis-1,3-Dichloropropene	0.0499	0.00100	0.0464	0	108	70	130			
Dibromochloromethane	0.0517	0.00100	0.0464	0	111	70	130			
Dichlorodifluoromethane	0.0405	0.00100	0.0464	0	87.3	70	130			
Ethylbenzene	0.0498	0.00100	0.0464	0	107	80	120			
Isopropylbenzene	0.0510	0.00100	0.0464	0	110	70	130			
m,p-Xylene	0.100	0.00200	0.0928	0	108	70	130			
Methyl tert-butyl ether	0.0432	0.00100	0.0464	0	93.1	70	130			
Methylene chloride	0.0454	0.00250	0.0464	0	97.8	70	130			
o-Xylene	0.0512	0.00100	0.0464	0	110	70	130			
Styrene	0.0501	0.00100	0.0464	0	108	70	130			
Tetrachloroethene	0.0530	0.00200	0.0464	0	114	70	130			
Toluene	0.0461	0.00200	0.0464	0	99.4	80	120			
trans-1,2-Dichloroethene	0.0453	0.00100	0.0464	0	97.7	70	130			
trans-1,3-Dichloropropene	0.0495	0.00100	0.0464	0	107	70	130			
Trichloroethene	0.0442	0.00200	0.0464	0	95.3	70	130			
Trichlorofluoromethane	0.0348	0.00100	0.0464	0	75.0	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101026B

Vinyl chloride	0.0422	0.00100	0.0464	0	90.9	80	120
Surr: 1,2-Dichloroethane-d4	183		200.0		91.7	72	119
Surr: 4-Bromofluorobenzene	189		200.0		94.5	76	119
Surr: Dibromofluoromethane	190		200.0		94.9	85	115
Surr: Toluene-d8	209		200.0		105	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101028A

Sample ID:	1010167-04A-DUP	Batch ID:	43611	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101028A	Analysis Date:	10/28/10 04:30 PM	Prep Date:	10/28/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	19.1	0	0	18.99				0.392	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW6020 Analyte	MDL mg/Kg	MQL mg/Kg
Arsenic	0.500	1.00
Barium	0.500	2.00
Cadmium	0.100	0.300
Chromium	0.500	2.00
Lead	0.100	0.300
Selenium	0.150	0.500
Silver	0.100	0.200

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010167
Project: Hillcrest CEI

MQL SUMMARY REPORT

1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500
Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW7471A Analyte	MDL mg/Kg	MQL mg/Kg
Mercury	0.0160	0.0400

TestNo: SW8270C Analyte	MDL mg/Kg	MQL mg/Kg
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

November 02, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, TX 78249

Order No: 1010173

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI

Dear Suzanne Green:

DHL Analytical received 29 sample(s) on 10/23/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

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DHL ANALYTICAL

2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

CDC# 1986

№ 46682

CHAIN-OF-CUSTODY

CLIENT: GeoStrata
ADDRESS: 4718 College Park, SA Tx 78249
PHONE: 210 492 7282 FAX/E-MAIL: 210 492 8935
DATA REPORTED TO: Cheri Krig
ADDITIONAL REPORT COPIES TO:

DATE: October 22 2010 PAGE 1 OF 1
PO #: 354760 P DHL WORK ORDER #: 1010173
PROJECT LOCATION OR NAME:
CLENT PROJECT #: COLLECTOR:

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL W=WATER A=AIR L=LIQUID P=PAINT SL=SLUDGE O=OTHER SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ (METHOD 8021) TPH (1005) ☐ TPH 1006 ☐ HOLD 1006 ☐ GRO (METHOD 8015) ☐ DRO (METHOD 8105) ☐ VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐ SVOC 8270 ☐ (PAH 8270) ☐ HOLD PAH ☐ SVOC 625 ☐ 8081 PEST ☐ 8270 PEST ☐ 608 PEST/PCB ☐ 8270 PCB ☐ 8270 PCB ☐ 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐ METALS 6020 ☐ METALS 200.8 ☐ DISS METALS ☐ RCRA ☐ TX11 ☐ PH ☐ HEX CHROM ☐ ALKALINITY ☐ CHLORIDE ☐ ANIONS ☐ TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ Low 0-500 Mid 500-5,000 pm High 5,000-PSU

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX	TPH (1005)	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	Low	Mid	High	FIELD NOTES
Trip Blank	01	10.22.10		W	Glass	2	X			X				X																	
SOSB 32 01	02		0834	S	Various	8				X		X		X	X												X				
SOSB 5 01	03		0925	S	Various	8				X		X		X	X													X			
SOSB 5 02	04		0930	S	Various	8				X		X		X	X													X			
SOSB 36 01	05		1120	S	Various	8				X		X		X	X												X				
GW FB 5	06		1230	W	Various	3				X				X													X				
SOSB 37 01	07		1345	S	Various	8				X		X		X	X												X				
SOSB 40 01	08		1440	S	Various	8				X		X		X	X												X				
SOSB 38 01	09		1661	S	Various	8				X		X		X	X												X				
SOSB 39 01	10		1658	S	Various	8				X		X		X	X												X				
~~SOSB~~	~~OR~~	CHK	~~0920~~	~~S~~	~~Various~~	~~8~~																									
SOFD-6	1211	0920	~~1340~~	S	Various	8				X		X		X	X												X				
SOFD-7	1312		1340	S	Various	8				X		X		X	X												X				
~~Auger Cuttings~~	~~1413~~		~~1830~~	S	Various	2				X		X		X													X				Per Carrie 10/25/10
TOTAL																															

RELINQUISHED BY: (Signature) DATE/TIME 10/22/10 1900 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 10/23/10 1218 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 4.2, 3.7, 1.1, 2.4 THERM #: 59
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #:
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
Phone (512) 388-8222 ■ FAX (512) 388-8229
Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

COC: 1987

№ 46699

CHAIN-OF-CUSTODY

CLIENT: GEOSTRATA ENVIRONMENTAL INC.
ADDRESS: 4718 College PARK SAN ANTONIO, TX 78249
PHONE: (210) 492-7282 FAX/E-MAIL: (210) 492-8935
DATA REPORTED TO: CHERI KRIEG
ADDITIONAL REPORT COPIES TO:

DATE: 10/22/2010 PAGE 1 OF 1
PO #: 354760P DHL WORK ORDER #: 101073
PROJECT LOCATION OR NAME: HCE1
CLENT PROJECT #: 760.SL.11 COLLECTOR: PV Schram

Authorize 5% surcharge for TRRP Report? ☑ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8021] / TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ / GRO [METHOD 8015] ☐ DRO [METHOD 8105] ☐ / VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐ / SVOC 8270 ☐ PAH 8270 ☐ HOLD PAH ☐ SVOC 625 ☐ / 8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐ / 8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐ / 8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐ / METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐ / RCRA ☐ TX11 ☐ ___ / PH ☐ HEX CHROM ☐ ALKALINITY ☐ ___ / CHLORIDE ☐ ANIONS ___ ☐ / TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ / TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ / RCI ☐ TOX ☐ FLASHPOINT ☐ / TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ / Lab MEDIUM HIGH

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	BTEX	TPH 1005	GRO	VOC 8260	SVOC 8270	8081 PEST	8270 O-P PEST	8321 HERB	METALS 6020	RCRA	PH	CHLORIDE	TCLP-SVOC	TCLP-METALS	RCI	TDS	Lab	FIELD NOTES
GW-TB	15	10/22/10	—	W	40ml VOA	2	✓			✓					✓														
505B2101 15	16	10/22/10	821	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B401 16	17	10/22/10	954	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B2301 17	18	10/22/10	1128	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B2501 18	19	10/22/10	1308	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B2701 19	20	10/22/10	1435	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B2901 20	21	10/22/10	1538	S	VARIOUS	8				✓			✓		✓	✓											✓		
505B2801 21	22	10/22/10	1631	S	VARIOUS	8				✓			✓		✓	✓											✓		
TOTAL																													

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	10/22/10 1955	[signature]
[signature]	10/23/10 1218	[signature]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: #2, 3, 7, 11 2.4 THERM #: S
CUSTODY SEALS: ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #: _____
☐ APC DELIVERY
☑ HAND DELIVERED

DHL ANALYTICAL
2300 Double Creek Dr. ■ Round Rock, TX 78664
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Web: www.dhlanalytical.com
E-Mail: login@dhlanalytical.com

COC # 1988

№ 46692

CHAIN-OF-CUSTODY

CLIENT: GEO STRATA
ADDRESS: 4718 College Park
PHONE: 210-492-7282 FAX/E-MAIL: 210-492-8938
DATA REPORTED TO: Cheri Krieg
ADDITIONAL REPORT COPIES TO:

DATE: OCT 22, 2010 PAGE 1 OF 1
PO #: 354760P DHL WORK ORDER #: 1010173
PROJECT LOCATION OR NAME: HCEI
CLENT PROJECT #: 760-SL11 COLLECTOR: R. Arredondo

Authorize 5% surcharge for TRRP Report? ☐ Yes ☐ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR O=OTHER L=LIQUID SO=SOLID

	Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type 124	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: 8TEX ☐ MTBE ☐ [METHOD 8021]	TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐	GRO [METHOD 8015] ☐ DRO [METHOD 8105] ☐	VOC 8260 ☐ VOC 624 ☐ VOC 8260/5035 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLD PAH ☐ SVOC 625 ☐	8081 PEST ☐ 608 PEST/PCB ☐ 8270 PEST ☐	8270 O-P PEST ☐ 8082 PCB ☐ 8270 PCB ☐	8321 HERB ☐ 8330 EXPL ☐ PERCHLORATE ☐	METALS 6020 ☐ METALS 200.8 ☐ DISS. METALS ☐	RCRA ☐ TX11 ☐	PH ☐ HEX CHROM ☐ ALKALINITY ☐	CHLORIDE ☐ ANIONS	TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐	TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	MS/MSD LOW	MS/MSD MEDIUM	FIELD NOTES
22	Trip Blank	23	10/22/10		W	40ml Sorbent	2	✓			✓					✓															
23	GW-01	24	10/22/10	1015	W	40ml Sorbent	8	✓			✓			✓		✓		✓											✓		
24	GW-04	25	10/22/10	1510	W		8	✓			✓			✓		✓		✓											✓		
25	GW-05	26	10/22/10	1210	W		24	✓			✓			✓		✓		✓										✓	✓		
26	GW-07	27	10/22/10	1635	W		8	✓			✓			✓		✓		✓											✓		
27	GW-08	28	10/22/10	1805	W		8	✓			✓			✓		✓		✓												✓	
28	GW-Dup-1	29	10/22/10	1345	W		8	✓			✓			✓		✓		✓											✓		
29	GW-EB-1	30	10/22/10	1910	W		8	✓			✓			✓		✓		✓											✓		
30	~~PURGE WATER~~	~~31~~	~~10/22/10~~	~~1940~~	~~W~~		~~8~~	~~✓~~			~~✓~~			~~✓~~		~~✓~~		~~✓~~											~~✓~~		Per Carrie DB 10/25/10
31	Trip Blank		10/22/10		W		2									✓															Per Carrie 10/25/10
	TOTAL																														

RELINQUISHED BY: (Signature) Andy Arredondo DATE/TIME 10/22/10 1218 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☐
OTHER ☐ _____

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2, 3.2, 4.1 24 THERM #: 57
CUSTODY SEALS: ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #: _____
☐ APC DELIVERY
☐ HAND DELIVERED

CUSTODY SEAL
DATE 10/23/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

CUSTODY SEAL
DATE 10/23/10
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

CUSTODY SEAL
DATE 10/23/10
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Quality Environmental Containers
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QEC
Quality Environmental Containers
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DHL Analytical

Sample Receipt Checklist

Client Name Geo Strata Environmental Consultants — Date Received: 10/23/2010

Work Order Number 1010173 — Received by JB

Checklist completed by: [signature] (Signature) 10/25/10 (Date) — Reviewed by SS (Initials) 10-25-10 (Date)

Carrier name: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	4.2 °C, 3.7, 2.4, 1.0
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Adjusted? _____ Checked by _____

Any No response must be detailed in the comments section below.

Client contacted GeoStrata Date contacted: 10/25/10 Person contacted Carrie

Contacted by: [signature] Regarding: Fourth set of Trip Blanks

Comments: Per Carrie, add trip blank to COC and analyze for 8260.

Corrective Action Added trip blank to COC and logged in for requested analysis.

Page 1 of 1

Laboratory Data Package Signature Page – RG-366/TRRP-13
Revised May 2010

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
  - a) Items consistent with NELAC Chapter 5,
  - b) dilution factors,
  - c) preparation methods,
  - d) cleanup methods, and
  - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
  - a) Calculated recovery (%R), and
  - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  - a) LCS spiking amounts,
  - b) Calculated %R for each analyte, and
  - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  - a) Samples associated with the MS/MSD clearly identified,
  - b) MS/MSD spiking amounts,
  - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  - d) Calculated %Rs and relative percent differences (RPDs), and
  - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  - a) The amount of analyte measured in the duplicate,
  - b) The calculated RPD, and
  - c) The laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) and detectability check sample results (DCS results can be found with the Miscellaneous Documents) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on April 6-8, 2009. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

John DuPont – General Manager
Scott Schroeder – Technical Director

Signature

11/02/10
Date

DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Hillcrest CEI	Date: 11/2/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010173
Prep Batch Number(s): See Prep Dates Report	Run Batch: See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				R1-01
		2) Were all departures from standard conditions described in an exception report?			X		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample detection limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	X				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	X				
		9) If required for the project, TICs reported?			X		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			R4-02
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		6) Was the LCSD RPD within QC limits (if applicable)?	X				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				R7-01
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			R7-03
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				R10-01
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	X				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Hillcrest CEI	Date: 11/2/2010
Reviewer Name: Angie O'Donnell	Laboratory Work Order: 1010173

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?			X		
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

DCS REPORTING

RunID:	GC12_101022B	Prep Date:	10/21/2010
SampID:	DCS-43528	Anaysis Date:	10/22/2010
TestNo:	TX1005	Units:	mg/Kg
BatchID:	43528		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	7.57	20	10	75.7	50	200	

DCS REPORTING

RunID:	GC12_101014A	Prep Date:	10/14/2010
SampID:	DCS-43428	Anaysis Date:	10/14/2010
TestNo:	TX1005	Units:	mg/L
BatchID:	43428		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
T/R Hydrocarbons: C6-C35	0.789	2	1	78.9	20	500	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	9/3/2010
SampID:	DCS-42896	Anaysis Date:	9/4/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42896		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	1.85	5	2.32	79.7	50	150	
1,1,1-Trichloroethane	2.15	5	2.32	92.7	60	140	
1,1,2,2-Tetrachloroethane	2.30	5	2.32	99.1	50	150	
1,1,2-Trichloroethane	1.99	5	2.32	85.8	40	160	
1,1,2-Trichlorotrifluoroethane	2.07	15	2.32	89.2	40	160	
1,1-Dichloroethane	2.18	5	2.32	94.0	50	150	
1,1-Dichloroethene	1.83	5	2.32	78.9	50	150	
1,1-Dichloropropene	2.01	5	2.32	86.6	30	170	
1,2,3-Trichlorobenzene	1.45	5	2.32	62.5	20	180	
1,2,3-Trichloropropane	1.82	5	2.32	78.4	20	180	
1,2,4-Trichlorobenzene	1.65	5	2.32	71.1	20	180	
1,2,4-Trimethylbenzene	1.83	5	2.32	78.9	20	180	
1,2-Dibromo-3-chloropropane	1.70	5	2.32	73.3	20	180	
1,2-Dibromoethane	1.82	5	2.32	78.4	40	160	
1,2-Dichlorobenzene	1.95	5	2.32	84.1	50	150	
1,2-Dichloroethane	2.28	5	2.32	98.3	50	150	
1,2-Dichloropropane	2.04	5	2.32	87.9	40	160	
1,3,5-Trimethylbenzene	1.93	5	2.32	83.2	20	180	
1,3-Dichlorobenzene	1.96	5	2.32	84.5	50	150	
1,3-Dichloropropane	1.94	5	2.32	83.6	50	150	
1,4-Dichloro-2-butene	1.33	5	2.32	57.3	20	180	
1,4-Dichlorobenzene	1.99	5	2.32	85.8	50	150	
1-Chlorohexane	3.15	5	2.32	136	20	180	
2,2-Dichloropropane	1.65	5	2.32	71.1	40	160	
2-Chloroethylvinylether	1.69	15	2.32	72.8	20	180	
2-Chlorotoluene	1.99	5	2.32	85.8	50	150	
4-Chlorotoluene	1.96	5	2.32	84.5	20	180	
Acetone	12.8	50	11.6	110	20	200	
Acrolein	4.54	50	5.8	78.3	20	200	
Acrylonitrile	3.71	10	4.64	80.0	30	170	
Benzene	2.20	5	2.32	94.8	50	150	
Bromobenzene	2.05	5	2.32	88.4	50	150	
Bromochloromethane	2.01	5	2.32	86.6	30	170	
Bromodichloromethane	1.99	5	2.32	85.8	50	150	
Bromoform	1.70	5	2.32	73.3	30	120	
Bromomethane	1.73	5	2.32	74.6	20	200	
Carbon disulfide	2.46	5	2.32	106	20	200	
Carbon tetrachloride	2.18	5	2.32	94.0	50	150	
Chlorobenzene	2.05	5	2.32	88.4	50	150	
Chloroethane	0.720	5	2.32	31.0	20	180	
Chloroform	2.20	5	2.32	94.8	50	150	
Chloromethane	2.24	5	2.32	96.6	40	180	
cis-1,2-Dichloroethene	2.07	5	2.32	89.2	50	150	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	9/3/2010
SampID:	DCS-42896	Anaysis Date:	9/4/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	42896		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
cis-1,3-Dichloropropene	1.78	5	2.32	76.7	40	160	
Cyclohexane	2.20	15	2.32	94.8	20	180	
Dibromochloromethane	1.85	5	2.32	79.7	40	160	
Dibromomethane	2.12	5	2.32	91.4	50	150	
Dichlorodifluoromethane	2.12	5	2.32	91.4	50	150	
Ethylbenzene	1.92	5	2.32	82.8	60	140	
Hexachlorobutadiene	1.43	5	2.32	61.6	20	200	
Iodomethane	2.00	5	2.32	86.2	20	200	
Isopropylbenzene	1.85	5	2.32	79.7	30	170	
m,p-Xylene	3.79	5	4.64	81.7	40	160	
Methyl Acetate	2.89	15	2.32	125	30	180	
Methyl tert-butyl ether	2.10	5	2.32	90.5	50	150	
Methylcyclohexane	2.01	15	2.32	86.6	20	200	
Methylene chloride	2.69	5	2.32	116	20	200	
n-Butylbenzene	1.70	5	2.32	73.3	20	180	
n-Propylbenzene	2.08	5	2.32	89.7	40	160	
Naphthalene	1.96	15	2.32	84.5	20	200	
o-Xylene	1.79	5	2.32	77.2	30	170	
p-Isopropyltoluene	1.63	5	2.32	70.3	20	180	
sec-Butylbenzene	1.77	5	2.32	76.3	30	170	
Styrene	2.89	5	2.32	125	20	200	
tert-Butylbenzene	1.80	5	2.32	77.6	20	180	
Tetrachloroethene	1.87	5	2.32	80.6	50	150	
Toluene	2.11	5	2.32	90.9	40	160	
Total Xylenes	5.58	5	6.96	80.2	30	170	
trans-1,2-Dichloroethene	2.05	5	2.32	88.4	50	150	
trans-1,3-Dichloropropene	1.70	5	2.32	73.3	40	160	
Trichloroethene	1.97	5	2.32	84.9	50	150	
Trichlorofluoromethane	2.17	15	2.32	93.5	50	150	
Vinyl acetate	4.96	15	5.8	85.5	20	200	
Vinyl chloride	1.92	5	2.32	82.8	50	150	

DCS REPORTING

RunID:	GCMS1_100903A	Prep Date:	
SampID:	DCS2-42896	Anaysis Date:	9/7/2010
TestNo:	SW8260B	Units:	µg/Kg
BatchID:	R51236		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
2-Butanone	3.02	15	2.32	130	40	160	
2-Hexanone	2.10	15	2.32	90.5	20	180	
4-Methyl-2-pentanone	2.16	15	2.32	93.1	50	150	

DCS REPORTING

RunID:	GCMS6_100917A	Prep Date:	9/16/2010
SampID:	DCS2-43025-PAH	Anaysis Date:	9/17/2010
TestNo:	SW8270C	Units:	µg/L
BatchID:	43025		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.0159	0.05	0.02	79.6	10	250	
2-Methylnaphthalene	0.0137	0.05	0.02	68.6	10	250	
Acenaphthene	0.0127	0.05	0.02	63.6	10	250	
Acenaphthylene	0.0127	0.05	0.02	63.3	10	250	
Anthracene	0.0157	0.05	0.02	78.5	10	250	
Benzo[a]anthracene	0.0170	0.05	0.02	84.8	10	250	
Benzo[a]pyrene	0.0149	0.05	0.02	74.6	10	250	
Benzo[b]fluoranthene	0.0170	0.05	0.02	85.1	10	250	
Benzo[e]pyrene	0.0236	0.05	0.02	118	10	250	
Benzo[g,h,i]perylene	0.00678	0.05	0.02	33.9	10	250	
Benzo[k]fluoranthene	0.0173	0.05	0.02	86.5	10	250	
Biphenyl	0.0165	0.05	0.02	82.3	10	250	
Chrysene	0.0151	0.05	0.02	75.3	10	250	
Dibenz[a,h]anthracene	0.0178	0.01	0.02	88.9	10	250	
Fluoranthene	0.0185	0.05	0.02	92.7	10	250	
Fluorene	0.0155	0.05	0.02	77.5	10	250	
Indeno[1,2,3-cd]pyrene	0.0159	0.05	0.02	79.5	10	250	
Napbthalene	0.0225	0.05	0.02	112	10	250	
Phenanthrene	0.0180	0.05	0.02	89.8	10	250	
Pyrene	0.0181	0.05	0.02	90.7	10	250	
Quinoline	0.0151	0.05	0.02	75.4	10	250	

DCS REPORTING

RunID:	GCMS6_101008B	Prep Date:	10/8/2010
SampID:	DCS2-43366-PAH	Anaysis Date:	10/8/2010
TestNo:	SW8270C	Units:	mg/Kg
BatchID:	43366		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1-Methylnaphthalene	0.00395	0.01	0.01	39.5	10	200	
2-Methylnaphthalene	0.00486	0.01	0.01	48.6	10	200	
Acenaphthene	0.00743	0.01	0.01	74.3	10	200	
Acenaphthylene	0.00588	0.01	0.01	58.8	10	200	
Anthracene	0.00595	0.01	0.01	59.5	10	200	
Benzo[a]anthracene	0.00886	0.01	0.01	88.6	10	200	
Benzo[a]pyrene	0.00760	0.01	0.01	76.0	10	200	
Benzo[b]fluoranthene	0.00858	0.01	0.01	85.8	10	200	
Benzo[e]pyrene	0.00696	0.01	0.01	69.6	10	200	
Benzo[g,h,i]perylene	0.00827	0.01	0.01	82.7	10	200	
Benzo[k]fluoranthene	0.00735	0.01	0.01	73.5	10	200	
Biphenyl	0.00871	0.01	0.01	87.1	10	200	
Chrysene	0.00965	0.01	0.01	96.5	10	200	
Dibenz[a,h]anthracene	0.00966	0.01	0.01	96.6	10	200	
Fluoranthene	0.00775	0.01	0.01	77.5	10	200	
Fluorene	0.00526	0.01	0.01	52.6	10	200	
Indeno[1,2,3-cd]pyrene	0.00897	0.01	0.01	89.7	10	200	
Naphthalene	0.00770	0.01	0.01	77.0	10	200	
Phenanthrene	0.00720	0.01	0.01	72.0	10	200	
Pyrene	0.00779	0.01	0.01	77.9	10	200	
Quinoline	0.00580	0.01	0.01	58.0	10	200	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,1,2-Tetrachloroethane	0.200	1	0.232	86.2	50	150	
1,1,1-Trichloroethane	0.260	1	0.232	112	60	140	
1,1,2,2-Tetrachloroethane	0.210	1	0.232	90.5	50	150	
1,1,2-Trichloroethane	0.240	1	0.232	103	40	160	
1,1-Dichloroethane	0.270	1	0.232	116	50	150	
1,1-Dichloroethene	0.250	1	0.232	108	50	150	
1,1-Dichloropropene	0.200	1	0.232	86.2	30	170	
1,2,3-Trichloropropane	0.110	1	0.232	47.4	20	180	
1,2-Dibromoethane	0.210	1	0.232	90.5	40	160	
1,2-Dichlorobenzene	0.210	1	0.232	90.5	50	150	
1,2-Dichloropropane	0.180	1	0.232	77.6	40	160	
1,3-Dichlorobenzene	0.220	1	0.232	94.8	50	150	
1,3-Dichloropropane	0.240	1	0.232	103	50	150	
1,4-Dichlorobenzene	0.240	1	0.232	103	50	150	
2,2-Dichloropropane	0.160	1	0.232	69.0	40	160	
2-Chlorotoluene	0.240	1	0.232	103	50	150	
4-Chlorotoluene	0.220	1	0.232	94.8	20	180	
Acrylonitrile	0.150	3	0.464	32.3	30	170	
Benzene	0.300	1	0.232	129	50	150	
Bromobenzene	0.230	1	0.232	99.1	50	150	
Bromochloromethane	0.140	1	0.232	60.3	30	170	
Bromodichloromethane	0.300	1	0.232	129	50	150	
Carbon tetrachloride	0.200	1	0.232	86.2	50	150	
Chlorobenzene	0.260	1	0.232	112	50	150	
Chloroform	0.280	1	0.232	121	50	150	
Chloromethane	0.220	1	0.232	94.8	40	180	
cis-1,2-Dichloroethene	0.240	1	0.232	103	50	150	
cis-1,3-Dichloropropene	0.200	1	0.232	86.2	40	160	
Dibromochloromethane	0.330	1	0.232	142	40	160	
Dichlorodifluoromethane	0.210	1	0.232	90.5	50	150	
Ethylbenzene	0.250	1	0.232	108	60	140	
Isopropylbenzene	0.210	1	0.232	90.5	30	170	
Methyl tert-butyl ether	0.290	1	0.232	125	50	150	
n-Butylbenzene	0.200	1	0.232	86.2	20	180	
n-Propylbenzene	0.230	1	0.232	99.1	40	160	
o-Xylene	0.250	1	0.232	108	30	170	
p-Isopropyltoluene	0.190	1	0.232	81.9	20	180	
sec-Butylbenzene	0.210	1	0.232	90.5	30	170	
Styrene	0.210	1	0.232	90.5	20	200	
tert-Butylbenzene	0.220	1	0.232	94.8	20	180	
Total THMs	1.23	1	0.928	133	30	160	
Total Xylenes	0.450	1	0.696	64.7	30	170	
trans-1,2-Dichloroethene	0.260	1	0.232	112	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
trans-1,3-Dichloropropene	0.180	1	0.232	77.6	40	160	
Trichlorofluoromethane	0.250	1	0.232	108	50	150	
Vinyl chloride	0.160	1	0.232	69.0	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS2-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2-Dichloroethane	0.530	1	0.464	114	50	150	
Bromoform	0.540	1	0.464	116	30	120	
m,p-Xylene	0.930	2	0.928	100	40	160	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS3-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,2,4-Trimethylbenzene	0.880	5	0.928	94.8	20	180	
1,3,5-Trimethylbenzene	0.890	5	0.928	95.9	20	180	
1,4-Dichloro-2-butene	0.440	2	0.928	47.4	20	180	
1-Chlorohexane	0.920	5	0.928	99.1	20	180	
Bromomethane	0.440	1	0.928	47.4	20	200	
Chloroethane	0.960	1	0.928	103	20	180	
Dibromomethane	0.710	1	0.928	76.5	50	150	
Hexachlorobutadiene	0.760	3	0.928	81.9	20	200	
Isopropyl ether (DIPE)	1.11	2	0.928	120	20	200	
Methylene chloride	1.65	2.5	0.928	178	20	200	
Tert-amyl methyl ether (TAME)	1.10	2	0.928	119	20	200	
Tert-butanol (TBA)	6.11	20	4.64	132	20	200	
Tetrachloroethene	0.900	2	0.928	97.0	50	150	
Toluene	1.10	2	0.928	119	40	160	
Trichloroethene	1.07	2	0.928	115	50	150	

DCS REPORTING

RunID:	GCMS7_100805C	Prep Date:	8/5/2010
SampID:	DCS4-42362	Anaysis Date:	8/6/2010
TestNo:	SW8260B	Units:	µg/L
BatchID:	42362		

Analyte	Result	RL	SPK Val	%REC	Low Limit	High Limit	Flag
1,1,2-Trichlorotrifluoroethane	5.54	15	4.64	119	40	160	
1,2,3-Trichlorobenzene	5.19	5	4.64	112	20	180	
1,2,4-Trichlorobenzene	5.69	5	4.64	123	20	180	
1,2-Dibromo-3-chloropropane	5.83	10	4.64	126	20	180	
2-Butanone	5.82	15	4.64	125	40	160	
2-Chloroethylvinylether	5.30	15	4.64	114	20	180	
2-Hexanone	4.77	15	4.64	103	20	180	
4-Methyl-2-pentanone	4.79	15	4.64	103	50	150	
Acetone	7.97	15	4.64	172	20	200	
Carbon disulfide	5.02	15	4.64	108	20	200	
Cyclohexane	6.03	15	4.64	130	20	180	
Iodomethane	3.59	15	4.64	77.4	20	200	
Methyl Acetate	6.12	15	4.64	132	30	180	
Methylcyclohexane	4.97	15	4.64	107	20	200	
Naphthalene	5.90	15	4.64	127	20	200	

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010173

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons (soil & water)
Method SW8260B - Volatile Organics by GCMS (soil & water) (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS (soil & water)
Method D2216 - Percent Moisture

Exception Report R1-01

Samples were received and log-in performed on 10/23/2010. A total of 31 samples were received. The samples arrived in good condition and were properly packaged. A Trip Blank was added to one of the Chains of Custody per client's request, on 10/25/2010.

Exception Report R4-02

For Volatiles Analysis, the recoveries of surrogates 4-Bromofluorobenzene and Toluene-d8 for Samples SO-SB5-01 and SO-SB5-02 were above the method control limits. These were flagged accordingly in the enclosed Analytical Data Report. The remaining surrogates for these samples were within control limits. No further corrective actions were taken.

For TPH Analysis, the recovery of surrogate Isopropylbenzene for Sample SO-SB5-02 was above the method control limits. This was flagged accordingly in the enclosed Analytical Data Report. The remaining surrogate for this sample was within control limits. No further corrective actions were taken.

Exception Report R7-01

For Volatiles, TX1005 and PAH Organics Analysis, for soils, the reference sample designated for the MS/MSD was SO-SB39-01 (1010173-10).
For Volatiles, TX1005 and PAH Organics Analysis, for waters, the reference sample designated for the MS/MSD was GW-05 (1010173-25). An MS/MSD is not applicable for the Equipment Blank, Field Blank or Trip Blank.

Exception Report R7-03

For Volatiles Analysis, for batch 43565, the recovery of Carbon Tetrachloride for the Matrix Spike Duplicate (1010173-10 MSD) was slightly below the method control limits. This is flagged in the QC Summary Report. This compound is within control limits in the associated LCS. The reference sample selected for this MS/MSD was from this workorder. No further corrective action was taken.

Exception Report R10-01

For Volatiles Analysis, the final soil plug, for Sample SO-SB5-01, was compromised in the laboratory. Approximately 5 grams of sample was taken from the 4 ounce sample jar of the same sample. The Methanol extraction was then performed and analyzed for Volatiles at a 50X dilution.

DHL Analytical

Date: 11/02/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010173

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
1010173-01	Trip Blank		10/22/10	10/23/10
1010173-02	SO-SB32-01		10/22/10 08:34 AM	10/23/10
1010173-03	SO-SB5-01		10/22/10 09:25 AM	10/23/10
1010173-04	SO-SB5-02		10/22/10 09:30 AM	10/23/10
1010173-05	SO-SB36-01		10/22/10 11:20 AM	10/23/10
1010173-06	GW-FB-5		10/22/10 12:30 PM	10/23/10
1010173-07	SO-SB37-01		10/22/10 01:45 PM	10/23/10
1010173-08	SO-SB40-01		10/22/10 02:40 PM	10/23/10
1010173-09	SO-SB38-01		10/22/10 04:01 PM	10/23/10
1010173-10	SO-SB39-01		10/22/10 04:58 PM	10/23/10
1010173-11	SO-FD-6		10/22/10 09:20 AM	10/23/10
1010173-12	SO-FD-7		10/22/10 01:40 PM	10/23/10
1010173-14	GW-TB		10/22/10	10/23/10
1010173-15	SO-SB21-01		10/22/10 08:21 AM	10/23/10
1010173-16	SO-SB4-01		10/22/10 09:54 AM	10/23/10
1010173-17	SO-SB23-01		10/22/10 11:28 AM	10/23/10
1010173-18	SO-SB25-01		10/22/10 01:08 PM	10/23/10
1010173-19	SO-SB27-01		10/22/10 02:35 PM	10/23/10
1010173-20	SO-SB29-01		10/22/10 03:38 PM	10/23/10
1010173-21	SO-SB28-01		10/22/10 04:31 PM	10/23/10
1010173-22	Trip Blank		10/22/10	10/23/10
1010173-23	GW-01		10/22/10 10:15 AM	10/23/10
1010173-24	GW-04		10/22/10 03:10 PM	10/23/10
1010173-25	GW-05		10/22/10 12:10 PM	10/23/10
1010173-26	GW-07		10/22/10 04:35 PM	10/23/10
1010173-27	GW-08		10/22/10 06:05 PM	10/23/10
1010173-28	GW-DUP-1		10/22/10 01:45 PM	10/23/10
1010173-29	GW-EB-1		10/22/10 07:10 PM	10/23/10
1010173-31	Trip Blank		10/22/10	10/23/10

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010173

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010173-01A	Trip Blank	10/22/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-02A	SO-SB32-01	10/22/10 08:34 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-02B	SO-SB32-01	10/22/10 08:34 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-02C	SO-SB32-01	10/22/10 08:34 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-02D	SO-SB32-01	10/22/10 08:34 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-03A	SO-SB5-01	10/22/10 09:25 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
	SO-SB5-01	10/22/10 09:25 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
	SO-SB5-01	10/22/10 09:25 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-03B	SO-SB5-01	10/22/10 09:25 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-03C	SO-SB5-01	10/22/10 09:25 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-03D	SO-SB5-01	10/22/10 09:25 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-04A	SO-SB5-02	10/22/10 09:30 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
	SO-SB5-02	10/22/10 09:30 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
	SO-SB5-02	10/22/10 09:30 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-04B	SO-SB5-02	10/22/10 09:30 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
	SO-SB5-02	10/22/10 09:30 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-04C	SO-SB5-02	10/22/10 09:30 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-04D	SO-SB5-02	10/22/10 09:30 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-05A	SO-SB36-01	10/22/10 11:20 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-05B	SO-SB36-01	10/22/10 11:20 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-05C	SO-SB36-01	10/22/10 11:20 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-05D	SO-SB36-01	10/22/10 11:20 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-06A	GW-FB-5	10/22/10 12:30 PM	Field Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-07A	SO-SB37-01	10/22/10 01:45 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-07B	SO-SB37-01	10/22/10 01:45 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-07C	SO-SB37-01	10/22/10 01:45 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-07D	SO-SB37-01	10/22/10 01:45 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-08A	SO-SB40-01	10/22/10 02:40 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-08B	SO-SB40-01	10/22/10 02:40 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010173

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010173-08C	SO-SB40-01	10/22/10 02:40 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-08D	SO-SB40-01	10/22/10 02:40 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-09A	SO-SB38-01	10/22/10 04:01 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-09B	SO-SB38-01	10/22/10 04:01 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-09C	SO-SB38-01	10/22/10 04:01 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-09D	SO-SB38-01	10/22/10 04:01 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-10A	SO-SB39-01	10/22/10 04:58 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-10B	SO-SB39-01	10/22/10 04:58 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-10C	SO-SB39-01	10/22/10 04:58 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-10D	SO-SB39-01	10/22/10 04:58 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-11A	SO-FD-6	10/22/10 09:20 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-11B	SO-FD-6	10/22/10 09:20 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-11C	SO-FD-6	10/22/10 09:20 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-11D	SO-FD-6	10/22/10 09:20 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-12A	SO-FD-7	10/22/10 01:40 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-12B	SO-FD-7	10/22/10 01:40 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-12C	SO-FD-7	10/22/10 01:40 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-12D	SO-FD-7	10/22/10 01:40 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-14A	GW-TB	10/22/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-15A	SO-SB21-01	10/22/10 08:21 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-15B	SO-SB21-01	10/22/10 08:21 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-15C	SO-SB21-01	10/22/10 08:21 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-15D	SO-SB21-01	10/22/10 08:21 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-16A	SO-SB4-01	10/22/10 09:54 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-16B	SO-SB4-01	10/22/10 09:54 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-16C	SO-SB4-01	10/22/10 09:54 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-16D	SO-SB4-01	10/22/10 09:54 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-17A	SO-SB23-01	10/22/10 11:28 AM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-17B	SO-SB23-01	10/22/10 11:28 AM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567

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PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010173-17C	SO-SB23-01	10/22/10 11:28 AM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-17D	SO-SB23-01	10/22/10 11:28 AM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-18A	SO-SB25-01	10/22/10 01:08 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-18B	SO-SB25-01	10/22/10 01:08 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-18C	SO-SB25-01	10/22/10 01:08 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-18D	SO-SB25-01	10/22/10 01:08 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-19A	SO-SB27-01	10/22/10 02:35 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-19B	SO-SB27-01	10/22/10 02:35 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-19C	SO-SB27-01	10/22/10 02:35 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-19D	SO-SB27-01	10/22/10 02:35 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-20A	SO-SB29-01	10/22/10 03:38 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-20B	SO-SB29-01	10/22/10 03:38 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-20C	SO-SB29-01	10/22/10 03:38 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-20D	SO-SB29-01	10/22/10 03:38 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-21A	SO-SB28-01	10/22/10 04:31 PM	Soil	SW5035	Purge and Trap 5035	10/25/10 10:52 AM	43565
1010173-21B	SO-SB28-01	10/22/10 04:31 PM	Soil	TX1005	TX1005 Soil Prep	10/25/10 12:58 PM	43567
1010173-21C	SO-SB28-01	10/22/10 04:31 PM	Soil	SW3550B	Soil Prep Sonication: PAH	10/28/10 08:53 AM	43612
1010173-21D	SO-SB28-01	10/22/10 04:31 PM	Soil	D2216	Moisture Preparation	10/29/10 02:56 PM	43646
1010173-22A	Trip Blank	10/22/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-23A	GW-01	10/22/10 10:15 AM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-23B	GW-01	10/22/10 10:15 AM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-23C	GW-01	10/22/10 10:15 AM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-24A	GW-04	10/22/10 03:10 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-24B	GW-04	10/22/10 03:10 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-24C	GW-04	10/22/10 03:10 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-25A	GW-05	10/22/10 12:10 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-25B	GW-05	10/22/10 12:10 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-25C	GW-05	10/22/10 12:10 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-26A	GW-07	10/22/10 04:35 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600

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PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
1010173-26B	GW-07	10/22/10 04:35 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-26C	GW-07	10/22/10 04:35 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-27A	GW-08	10/22/10 06:05 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-27B	GW-08	10/22/10 06:05 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-27C	GW-08	10/22/10 06:05 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-28A	GW-DUP-1	10/22/10 01:45 PM	Aqueous	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-28B	GW-DUP-1	10/22/10 01:45 PM	Aqueous	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-28C	GW-DUP-1	10/22/10 01:45 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-29A	GW-EB-1	10/22/10 07:10 PM	Equip Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600
1010173-29B	GW-EB-1	10/22/10 07:10 PM	Equip Blank	TX1005	TX1005 Water Prep	10/25/10 09:37 AM	43561
1010173-29C	GW-EB-1	10/22/10 07:10 PM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	10/25/10 08:59 AM	43558
1010173-31A	Trip Blank	10/22/10	Trip Blank	SW5030B	Purge and Trap Water GC/MS	10/27/10 09:47 AM	43600

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ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010173-01A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 03:29 PM	GCMS7_101027B
1010173-02A	SO-SB32-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 01:23 PM	GCMS1_101025A
1010173-02B	SO-SB32-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 05:34 PM	GC12_101025C
1010173-02C	SO-SB32-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 06:27 PM	GCMS6_101028A
1010173-02D	SO-SB32-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-03A	SO-SB5-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 09:00 PM	GCMS1_101025A
	SO-SB5-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/27/10 12:08 AM	GCMS1_101026B
	SO-SB5-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	50	10/29/10 05:14 PM	GCMS1_101029A
1010173-03B	SO-SB5-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 05:43 PM	GC12_101025C
1010173-03C	SO-SB5-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 06:58 PM	GCMS6_101028A
1010173-03D	SO-SB5-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-04A	SO-SB5-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 09:33 PM	GCMS1_101025A
	SO-SB5-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	5000	10/26/10 10:28 PM	GCMS1_101026B
	SO-SB5-02	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	50	10/27/10 03:13 PM	GCMS1_101027A
1010173-04B	SO-SB5-02	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 05:52 PM	GC12_101025C
	SO-SB5-02	Soil	TX1005	Tx1005 TPH Soil	43567	5	10/26/10 09:17 AM	GC12_101025C
1010173-04C	SO-SB5-02	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 07:28 PM	GCMS6_101028A
1010173-04D	SO-SB5-02	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-05A	SO-SB36-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 01:55 PM	GCMS1_101025A
1010173-05B	SO-SB36-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 06:10 PM	GC12_101025C
1010173-05C	SO-SB36-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 07:59 PM	GCMS6_101028A
1010173-05D	SO-SB36-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-06A	GW-FB-5	Field Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 03:55 PM	GCMS7_101027B
1010173-07A	SO-SB37-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 02:28 PM	GCMS1_101025A
1010173-07B	SO-SB37-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 06:19 PM	GC12_101025C
1010173-07C	SO-SB37-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 08:30 PM	GCMS6_101028A
1010173-07D	SO-SB37-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-08A	SO-SB40-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 03:01 PM	GCMS1_101025A
1010173-08B	SO-SB40-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 06:28 PM	GC12_101025C

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ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010173-08C	SO-SB40-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 09:00 PM	GCMS6_101028A
1010173-08D	SO-SB40-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-09A	SO-SB38-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 03:33 PM	GCMS1_101025A
1010173-09B	SO-SB38-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 06:37 PM	GC12_101025C
1010173-09C	SO-SB38-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 09:31 PM	GCMS6_101028A
1010173-09D	SO-SB38-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-10A	SO-SB39-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 12:51 PM	GCMS1_101025A
1010173-10B	SO-SB39-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 06:55 PM	GC12_101025C
1010173-10C	SO-SB39-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 10:01 PM	GCMS6_101028A
1010173-10D	SO-SB39-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-11A	SO-FD-6	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 08:26 PM	GCMS1_101025A
1010173-11B	SO-FD-6	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 07:21 PM	GC12_101025C
1010173-11C	SO-FD-6	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 10:32 PM	GCMS6_101028A
1010173-11D	SO-FD-6	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-12A	SO-FD-7	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 04:05 PM	GCMS1_101025A
1010173-12B	SO-FD-7	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 07:30 PM	GC12_101025C
1010173-12C	SO-FD-7	Soil	SW8270C	PAHs: GC/MS	43612	1	10/28/10 11:02 PM	GCMS6_101028A
1010173-12D	SO-FD-7	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-14A	GW-TB	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 04:20 PM	GCMS7_101027B
1010173-15A	SO-SB21-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 04:37 PM	GCMS1_101025A
1010173-15B	SO-SB21-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 07:39 PM	GC12_101025C
1010173-15C	SO-SB21-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 01:47 PM	GCMS6_101029A
1010173-15D	SO-SB21-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-16A	SO-SB4-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 05:09 PM	GCMS1_101025A
1010173-16B	SO-SB4-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 07:48 PM	GC12_101025C
1010173-16C	SO-SB4-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 02:18 PM	GCMS6_101029A
1010173-16D	SO-SB4-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-17A	SO-SB23-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 05:41 PM	GCMS1_101025A
1010173-17B	SO-SB23-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 07:57 PM	GC12_101025C

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ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010173-17C	SO-SB23-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 02:48 PM	GCMS6_101029A
1010173-17D	SO-SB23-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-18A	SO-SB25-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 06:14 PM	GCMS1_101025A
1010173-18B	SO-SB25-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 08:06 PM	GC12_101025C
1010173-18C	SO-SB25-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 03:19 PM	GCMS6_101029A
1010173-18D	SO-SB25-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-19A	SO-SB27-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 06:47 PM	GCMS1_101025A
1010173-19B	SO-SB27-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/25/10 08:15 PM	GC12_101025C
1010173-19C	SO-SB27-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 03:49 PM	GCMS6_101029A
1010173-19D	SO-SB27-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-20A	SO-SB29-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 07:19 PM	GCMS1_101025A
1010173-20B	SO-SB29-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/26/10 09:40 AM	GC12_101025C
1010173-20C	SO-SB29-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 04:20 PM	GCMS6_101029A
1010173-20D	SO-SB29-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-21A	SO-SB28-01	Soil	SW8260B	Volatiles by 8260/5035 GC/MS	43565	1	10/25/10 07:53 PM	GCMS1_101025A
1010173-21B	SO-SB28-01	Soil	TX1005	Tx1005 TPH Soil	43567	1	10/26/10 09:48 AM	GC12_101025C
1010173-21C	SO-SB28-01	Soil	SW8270C	PAHs: GC/MS	43612	1	10/29/10 04:51 PM	GCMS6_101029A
1010173-21D	SO-SB28-01	Soil	D2216	Percent Moisture	43646	1	11/01/10 10:20 AM	PMOIST_101029B
1010173-22A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 04:46 PM	GCMS7_101027B
1010173-23A	GW-01	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 06:54 PM	GCMS7_101027B
1010173-23B	GW-01	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:36 PM	GC12_101025B
1010173-23C	GW-01	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 06:11 PM	GCMS6_101025A
1010173-24A	GW-04	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 07:19 PM	GCMS7_101027B
1010173-24B	GW-04	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:45 PM	GC12_101025B
1010173-24C	GW-04	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 06:42 PM	GCMS6_101025A
1010173-25A	GW-05	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 06:03 PM	GCMS7_101027B
1010173-25B	GW-05	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 02:54 PM	GC12_101025B
1010173-25C	GW-05	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 03:06 PM	GCMS6_101025A
1010173-26A	GW-07	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 07:45 PM	GCMS7_101027B

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ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
1010173-26B	GW-07	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 03:56 PM	GC12_101025B
1010173-26C	GW-07	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 07:12 PM	GCMS6_101025A
1010173-27A	GW-08	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 08:10 PM	GCMS7_101027B
1010173-27B	GW-08	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 04:05 PM	GC12_101025B
1010173-27C	GW-08	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 07:43 PM	GCMS6_101025A
1010173-28A	GW-DUP-1	Aqueous	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 08:36 PM	GCMS7_101027B
1010173-28B	GW-DUP-1	Aqueous	TX1005	Tx1005 TPH Water	43561	1	10/25/10 04:14 PM	GC12_101025B
1010173-28C	GW-DUP-1	Aqueous	SW8270C	PAHs: GC/MS	43558	1	10/25/10 08:15 PM	GCMS6_101025A
1010173-29A	GW-EB-1	Equip Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 05:12 PM	GCMS7_101027B
1010173-29B	GW-EB-1	Equip Blank	TX1005	Tx1005 TPH Water	43561	1	10/25/10 04:23 PM	GC12_101025B
1010173-29C	GW-EB-1	Equip Blank	SW8270C	PAHs: GC/MS	43558	1	10/25/10 08:46 PM	GCMS6_101025A
1010173-31A	Trip Blank	Trip Blank	SW8260B	8260 Water Volatiles by GC/MS	43600	1	10/27/10 05:37 PM	GCMS7_101027B

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-01
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 03:29 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 03:29 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 03:29 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:29 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:29 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 03:29 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:29 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:29 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:29 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-01
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:29 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:29 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 03:29 PM
Surr: 1,2-Dichloroethane-d4	95.6	0	72 - 119		%REC	1	10/27/10 03:29 PM
Surr: 4-Bromofluorobenzene	95.1	0	76 - 119		%REC	1	10/27/10 03:29 PM
Surr: Dibromofluoromethane	94.4	0	85 - 115		%REC	1	10/27/10 03:29 PM
Surr: Toluene-d8	100	0	81 - 120		%REC	1	10/27/10 03:29 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB32-01
Project:	Hillcrest CEI	Lab ID:	1010173-02
Project No:	760-SL11	Collection Date:	10/22/10 08:34 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<9.04	9.04	25.8		mg/Kg-dry	1	10/25/10 05:34 PM
T/R Hydrocarbons: >C12-C28	<9.04	9.04	25.8		mg/Kg-dry	1	10/25/10 05:34 PM
T/R Hydrocarbons: >C28-C35	<9.04	9.04	25.8		mg/Kg-dry	1	10/25/10 05:34 PM
T/R Hydrocarbons: C6-C35	<9.04	9.04	25.8		mg/Kg-dry	1	10/25/10 05:34 PM
Surr: Isopropylbenzene	93.0	0	70 - 130		%REC	1	10/25/10 05:34 PM
Surr: Octacosane	104	0	70 - 130		%REC	1	10/25/10 05:34 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Acenaphthylene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Anthracene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Benzo[a]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Benzo[a]pyrene	<0.0386	0.0386	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Benzo[b]fluoranthene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Benzo[g,h,i]perylene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Benzo[k]fluoranthene	<0.0386	0.0386	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Chrysene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Dibenz[a,h]anthracene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Fluoranthene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Fluorene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Indeno[1,2,3-cd]pyrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Naphthalene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Phenanthrene	<0.0129	0.0129	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Pyrene	<0.0258	0.0258	0.0644		mg/Kg-dry	1	10/28/10 06:27 PM
Surr: 2-Fluorobiphenyl	59.2	0	40 - 140		%REC	1	10/28/10 06:27 PM
Surr: 4-Terphenyl-d14	82.5	0	40 - 140		%REC	1	10/28/10 06:27 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,1,2,2-Tetrachloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,1,2-Trichloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,1,2-Trichlorotrifluoroethane	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
1,1-Dichloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,1-Dichloroethene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2,4-Trichlorobenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2-Dibromo-3-chloropropane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2-Dibromoethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2-Dichlorobenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2-Dichloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,2-Dichloropropane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,3-Dichlorobenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
1,4-Dichlorobenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
2-Butanone	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
2-Hexanone	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
4-Methyl-2-pentanone	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
Acetone	<0.0175	0.0175	0.0585		mg/Kg-dry	1	10/25/10 01:23 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: 760-SL11
Lab Order: 1010173

Client Sample ID: SO-SB32-01
Lab ID: 1010173-02
Collection Date: 10/22/10 08:34 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Bromodichloromethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Bromoform	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Bromomethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Carbon disulfide	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Carbon tetrachloride	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Chlorobenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Chloroethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Chloroform	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Chloromethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
cis-1,2-Dichloroethene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
cis-1,3-Dichloropropene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Cyclohexane	<0.00585	0.00585	0.0175	N	mg/Kg-dry	1	10/25/10 01:23 PM
Dibromochloromethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Dichlorodifluoromethane	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Ethylbenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Isopropylbenzene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
m,p-Xylene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Methyl Acetate	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
Methyl tert-butyl ether	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Methylcyclohexane	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
Methylene chloride	<0.00585	0.00585	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
o-Xylene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Styrene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Tetrachloroethene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Toluene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
trans-1,2-Dichloroethene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
trans-1,3-Dichloropropene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Trichloroethene	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Trichlorofluoromethane	<0.00585	0.00585	0.0175		mg/Kg-dry	1	10/25/10 01:23 PM
Vinyl chloride	<0.00117	0.00117	0.00585		mg/Kg-dry	1	10/25/10 01:23 PM
Surr: 1,2-Dichloroethane-d4	116	0	52 - 149		%REC	1	10/25/10 01:23 PM
Surr: 4-Bromofluorobenzene	97.9	0	84 - 118		%REC	1	10/25/10 01:23 PM
Surr: Dibromofluoromethane	96.4	0	65 - 135		%REC	1	10/25/10 01:23 PM
Surr: Toluene-d8	97.5	0	84 - 116		%REC	1	10/25/10 01:23 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	22.8	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB5-01
Project:	Hillcrest CEI	Lab ID:	1010173-03
Project No:	760-SL11	Collection Date:	10/22/10 09:25 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.1	10.1	28.9		mg/Kg-dry	1	10/25/10 05:43 PM
T/R Hydrocarbons: >C12-C28	<10.1	10.1	28.9		mg/Kg-dry	1	10/25/10 05:43 PM
T/R Hydrocarbons: >C28-C35	<10.1	10.1	28.9		mg/Kg-dry	1	10/25/10 05:43 PM
T/R Hydrocarbons: C6-C35	<10.1	10.1	28.9		mg/Kg-dry	1	10/25/10 05:43 PM
Surr: Isopropylbenzene	92.7	0	70 - 130		%REC	1	10/25/10 05:43 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 05:43 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	0.145	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Acenaphthylene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Anthracene	0.0132	0.0117	0.0585	J	mg/Kg-dry	1	10/28/10 06:58 PM
Benzo[a]anthracene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Benzo[a]pyrene	<0.0351	0.0351	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Benzo[b]fluoranthene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Benzo[g,h,i]perylene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Benzo[k]fluoranthene	<0.0351	0.0351	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Chrysene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Dibenz[a,h]anthracene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Fluoranthene	0.0129	0.0117	0.0585	J	mg/Kg-dry	1	10/28/10 06:58 PM
Fluorene	0.0758	0.0117	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Naphthalene	0.273	0.0117	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Phenanthrene	0.104	0.0117	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Pyrene	<0.0234	0.0234	0.0585		mg/Kg-dry	1	10/28/10 06:58 PM
Surr: 2-Fluorobiphenyl	59.3	0	40 - 140		%REC	1	10/28/10 06:58 PM
Surr: 4-Terphenyl-d14	78.2	0	40 - 140		%REC	1	10/28/10 06:58 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,1,2,2-Tetrachloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,1,2-Trichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,1,2-Trichlorotrifluoroethane	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
1,1-Dichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,1-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2,4-Trichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2-Dibromo-3-chloropropane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2-Dibromoethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2-Dichloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,2-Dichloropropane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,3-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
1,4-Dichlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
2-Butanone	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
2-Hexanone	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
4-Methyl-2-pentanone	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Acetone	<0.0155	0.0155	0.0518		mg/Kg-dry	1	10/27/10 12:08 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB5-01
Project:	Hillcrest CEI	Lab ID:	1010173-03
Project No:	760-SL11	Collection Date:	10/22/10 09:25 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	0.00110	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromodichloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromoform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromomethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Carbon disulfide	0.00284	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Carbon tetrachloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Cyclohexane	<0.00518	0.00518	0.0155	N	mg/Kg-dry	1	10/27/10 12:08 AM
Dibromochloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Dichlorodifluoromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Ethylbenzene	0.433	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Isopropylbenzene	0.329	0.0609	0.305		mg/Kg-dry	50	10/29/10 05:14 PM
m,p-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl Acetate	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl tert-butyl ether	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methylcyclohexane	2.30	0.305	0.914		mg/Kg-dry	50	10/29/10 05:14 PM
Methylene chloride	<0.00518	0.00518	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
o-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Styrene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Tetrachloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Toluene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichlorofluoromethane	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Vinyl chloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Surr: 1,2-Dichloroethane-d4	85.1	0	52 - 149		%REC	1	10/27/10 12:08 AM
Surr: 4-Bromofluorobenzene	422	0	84 - 118	S	%REC	1	10/27/10 12:08 AM
Surr: Dibromofluoromethane	71.6	0	65 - 135		%REC	1	10/27/10 12:08 AM
Surr: Toluene-d8	150	0	84 - 116	S	%REC	1	10/27/10 12:08 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.9	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB5-02
Project:	Hillcrest CEI	Lab ID:	1010173-04
Project No:	760-SL11	Collection Date:	10/22/10 09:30 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	5440	45.7	131		mg/Kg-dry	5	10/26/10 09:17 AM
T/R Hydrocarbons: >C12-C28	1130	45.7	131		mg/Kg-dry	5	10/26/10 09:17 AM
T/R Hydrocarbons: >C28-C35	<45.7	45.7	131		mg/Kg-dry	5	10/26/10 09:17 AM
T/R Hydrocarbons: C6-C35	6570	45.7	131		mg/Kg-dry	5	10/26/10 09:17 AM
Surr: Isopropylbenzene	461	0	70 - 130	S	%REC	5	10/26/10 09:17 AM
Surr: Octacosane	98.9	0	70 - 130		%REC	5	10/26/10 09:17 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	0.129	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Acenaphthylene	<0.0116	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Anthracene	0.0482	0.0116	0.0578	J	mg/Kg-dry	1	10/28/10 07:28 PM
Benzo[a]anthracene	0.0354	0.0231	0.0578	J	mg/Kg-dry	1	10/28/10 07:28 PM
Benzo[a]pyrene	<0.0347	0.0347	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Benzo[b]fluoranthene	<0.0231	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Benzo[g,h,i]perylene	<0.0231	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Benzo[k]fluoranthene	<0.0347	0.0347	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Chrysene	<0.0231	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Dibenz[a,h]anthracene	<0.0231	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Fluoranthene	0.112	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Fluorene	0.182	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Indeno[1,2,3-cd]pyrene	<0.0116	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Naphthalene	1.50	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Phenanthrene	0.334	0.0116	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Pyrene	0.0878	0.0231	0.0578		mg/Kg-dry	1	10/28/10 07:28 PM
Surr: 2-Fluorobiphenyl	60.6	0	40 - 140		%REC	1	10/28/10 07:28 PM
Surr: 4-Terphenyl-d14	79.9	0	40 - 140		%REC	1	10/28/10 07:28 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,1,2,2-Tetrachloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,1,2-Trichloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,1,2-Trichlorotrifluoroethane	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
1,1-Dichloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,1-Dichloroethene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2,4-Trichlorobenzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2-Dibromo-3-chloropropane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2-Dibromoethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2-Dichlorobenzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2-Dichloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,2-Dichloropropane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,3-Dichlorobenzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
1,4-Dichlorobenzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
2-Butanone	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
2-Hexanone	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
4-Methyl-2-pentanone	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
Acetone	<0.826	0.826	2.75		mg/Kg-dry	50	10/27/10 03:13 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB5-02
Project:	Hillcrest CEI	Lab ID:	1010173-04
Project No:	760-SL11	Collection Date:	10/22/10 09:30 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Bromodichloromethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Bromoform	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Bromomethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Carbon disulfide	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Carbon tetrachloride	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Chlorobenzene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Chloroethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Chloroform	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Chloromethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
cis-1,2-Dichloroethene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
cis-1,3-Dichloropropene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Cyclohexane	1.36	0.275	0.826	N	mg/Kg-dry	50	10/27/10 03:13 PM
Dibromochloromethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Dichlorodifluoromethane	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Ethylbenzene	0.661	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Isopropylbenzene	9.09	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
m,p-Xylene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Methyl Acetate	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
Methyl tert-butyl ether	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Methylcyclohexane	367	31.5	94.5		mg/Kg-dry	5000	10/26/10 10:28 PM
Methylene chloride	<0.275	0.275	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
o-Xylene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Styrene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Tetrachloroethene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Toluene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
trans-1,2-Dichloroethene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
trans-1,3-Dichloropropene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Trichloroethene	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Trichlorofluoromethane	<0.275	0.275	0.826		mg/Kg-dry	50	10/27/10 03:13 PM
Vinyl chloride	<0.0551	0.0551	0.275		mg/Kg-dry	50	10/27/10 03:13 PM
Surr: 1,2-Dichloroethane-d4	75.0	0	52 - 149		%REC	50	10/27/10 03:13 PM
Surr: 1,2-Dichloroethane-d4	79.7	0	52 - 149		%REC	5000	10/26/10 10:28 PM
Surr: 4-Bromofluorobenzene	200	0	84 - 118	S	%REC	50	10/27/10 03:13 PM
Surr: 4-Bromofluorobenzene	93.2	0	84 - 118		%REC	5000	10/26/10 10:28 PM
Surr: Dibromofluoromethane	83.9	0	65 - 135		%REC	50	10/27/10 03:13 PM
Surr: Dibromofluoromethane	87.9	0	65 - 135		%REC	5000	10/26/10 10:28 PM
Surr: Toluene-d8	131	0	84 - 116	S	%REC	50	10/27/10 03:13 PM
Surr: Toluene-d8	97.7	0	84 - 116		%REC	5000	10/26/10 10:28 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	20.6	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB36-01
Project:	Hillcrest CEI	Lab ID:	1010173-05
Project No:	760-SL11	Collection Date:	10/22/10 11:20 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<9.39	9.39	26.8		mg/Kg-dry	1	10/25/10 06:10 PM
T/R Hydrocarbons: >C12-C28	<9.39	9.39	26.8		mg/Kg-dry	1	10/25/10 06:10 PM
T/R Hydrocarbons: >C28-C35	<9.39	9.39	26.8		mg/Kg-dry	1	10/25/10 06:10 PM
T/R Hydrocarbons: C6-C35	<9.39	9.39	26.8		mg/Kg-dry	1	10/25/10 06:10 PM
Surr: Isopropylbenzene	91.5	0	70 - 130		%REC	1	10/25/10 06:10 PM
Surr: Octacosane	99.3	0	70 - 130		%REC	1	10/25/10 06:10 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Acenaphthylene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Anthracene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Benzo[a]anthracene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Benzo[a]pyrene	<0.0369	0.0369	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Benzo[b]fluoranthene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Benzo[g,h,i]perylene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Benzo[k]fluoranthene	<0.0369	0.0369	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Chrysene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Dibenz[a,h]anthracene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Fluoranthene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Fluorene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Indeno[1,2,3-cd]pyrene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Naphthalene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Phenanthrene	<0.0123	0.0123	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Pyrene	<0.0246	0.0246	0.0615		mg/Kg-dry	1	10/28/10 07:59 PM
Surr: 2-Fluorobiphenyl	60.6	0	40 - 140		%REC	1	10/28/10 07:59 PM
Surr: 4-Terphenyl-d14	83.4	0	40 - 140		%REC	1	10/28/10 07:59 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,1,2,2-Tetrachloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,1,2-Trichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,1,2-Trichlorotrifluoroethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
1,1-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,1-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2,4-Trichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2-Dibromo-3-chloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2-Dibromoethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2-Dichloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,2-Dichloropropane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,3-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
1,4-Dichlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
2-Butanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
2-Hexanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
4-Methyl-2-pentanone	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
Acetone	<0.0169	0.0169	0.0563		mg/Kg-dry	1	10/25/10 01:55 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB36-01
Project:	Hillcrest CEI	Lab ID:	1010173-05
Project No:	760-SL11	Collection Date:	10/22/10 11:20 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Bromodichloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Bromoform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Bromomethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Carbon disulfide	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Carbon tetrachloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Chlorobenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Chloroethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Chloroform	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Chloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
cis-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
cis-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Cyclohexane	<0.00563	0.00563	0.0169	N	mg/Kg-dry	1	10/25/10 01:55 PM
Dibromochloromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Dichlorodifluoromethane	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Ethylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Isopropylbenzene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
m,p-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Methyl Acetate	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
Methyl tert-butyl ether	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Methylcyclohexane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
Methylene chloride	<0.00563	0.00563	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
o-Xylene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Styrene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Tetrachloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Toluene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
trans-1,2-Dichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
trans-1,3-Dichloropropene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Trichloroethene	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Trichlorofluoromethane	<0.00563	0.00563	0.0169		mg/Kg-dry	1	10/25/10 01:55 PM
Vinyl chloride	<0.00113	0.00113	0.00563		mg/Kg-dry	1	10/25/10 01:55 PM
Surr: 1,2-Dichloroethane-d4	113	0	52 - 149		%REC	1	10/25/10 01:55 PM
Surr: 4-Bromofluorobenzene	99.1	0	84 - 118		%REC	1	10/25/10 01:55 PM
Surr: Dibromofluoromethane	98.2	0	65 - 135		%REC	1	10/25/10 01:55 PM
Surr: Toluene-d8	96.6	0	84 - 116		%REC	1	10/25/10 01:55 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.5	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-5
Project:	Hillcrest CEI	Lab ID:	1010173-06
Project No:	760-SL11	Collection Date:	10/22/10 12:30 PM
Lab Order:	1010173	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 03:55 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 03:55 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 03:55 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:55 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 03:55 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 03:55 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 03:55 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:55 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:55 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-FB-5
Project:	Hillcrest CEI	Lab ID:	1010173-06
Project No:	760-SL11	Collection Date:	10/22/10 12:30 PM
Lab Order:	1010173	Matrix:	Field Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 03:55 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 03:55 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 03:55 PM
Surr: 1,2-Dichloroethane-d4	96.0	0	72 - 119		%REC	1	10/27/10 03:55 PM
Surr: 4-Bromofluorobenzene	94.2	0	76 - 119		%REC	1	10/27/10 03:55 PM
Surr: Dibromofluoromethane	94.9	0	85 - 115		%REC	1	10/27/10 03:55 PM
Surr: Toluene-d8	99.9	0	81 - 120		%REC	1	10/27/10 03:55 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB37-01
Project:	Hillcrest CEI	Lab ID:	1010173-07
Project No:	760-SL11	Collection Date:	10/22/10 01:45 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.39	8.39	24.0		mg/Kg-dry	1	10/25/10 06:19 PM
T/R Hydrocarbons: >C12-C28	<8.39	8.39	24.0		mg/Kg-dry	1	10/25/10 06:19 PM
T/R Hydrocarbons: >C28-C35	<8.39	8.39	24.0		mg/Kg-dry	1	10/25/10 06:19 PM
T/R Hydrocarbons: C6-C35	<8.39	8.39	24.0		mg/Kg-dry	1	10/25/10 06:19 PM
Surr: Isopropylbenzene	93.4	0	70 - 130		%REC	1	10/25/10 06:19 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 06:19 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Acenaphthylene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Anthracene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Benzo[a]anthracene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Benzo[a]pyrene	<0.0348	0.0348	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Benzo[b]fluoranthene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Benzo[g,h,i]perylene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Benzo[k]fluoranthene	<0.0348	0.0348	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Chrysene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Dibenz[a,h]anthracene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Fluoranthene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Fluorene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Indeno[1,2,3-cd]pyrene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Naphthalene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Phenanthrene	<0.0116	0.0116	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Pyrene	<0.0232	0.0232	0.0579		mg/Kg-dry	1	10/28/10 08:30 PM
Surr: 2-Fluorobiphenyl	61.9	0	40 - 140		%REC	1	10/28/10 08:30 PM
Surr: 4-Terphenyl-d14	79.7	0	40 - 140		%REC	1	10/28/10 08:30 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,1,2,2-Tetrachloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,1,2-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,1,2-Trichlorotrifluoroethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
1,1-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,1-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2,4-Trichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2-Dibromo-3-chloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2-Dibromoethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,2-Dichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,3-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
1,4-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
2-Butanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
2-Hexanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
4-Methyl-2-pentanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
Acetone	<0.0164	0.0164	0.0546		mg/Kg-dry	1	10/25/10 02:28 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB37-01
Project:	Hillcrest CEI	Lab ID:	1010173-07
Project No:	760-SL11	Collection Date:	10/22/10 01:45 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Bromodichloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Bromoform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Bromomethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Carbon disulfide	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Carbon tetrachloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Chlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Chloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Chloroform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Chloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
cis-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
cis-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Cyclohexane	<0.00546	0.00546	0.0164	N	mg/Kg-dry	1	10/25/10 02:28 PM
Dibromochloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Dichlorodifluoromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Ethylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Isopropylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
m,p-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Methyl Acetate	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
Methyl tert-butyl ether	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Methylcyclohexane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
Methylene chloride	<0.00546	0.00546	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
o-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Styrene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Tetrachloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Toluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
trans-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
trans-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Trichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Trichlorofluoromethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	10/25/10 02:28 PM
Vinyl chloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	10/25/10 02:28 PM
Surr: 1,2-Dichloroethane-d4	103	0	52 - 149		%REC	1	10/25/10 02:28 PM
Surr: 4-Bromofluorobenzene	101	0	84 - 118		%REC	1	10/25/10 02:28 PM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/25/10 02:28 PM
Surr: Toluene-d8	97.3	0	84 - 116		%REC	1	10/25/10 02:28 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.4	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB40-01
Project:	Hillcrest CEI	Lab ID:	1010173-08
Project No:	760-SL11	Collection Date:	10/22/10 02:40 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: >C12-C28	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: >C28-C35	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: C6-C35	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
Surr: Isopropylbenzene	91.5	0	70 - 130		%REC	1	10/25/10 06:28 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 06:28 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Acenaphthylene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Anthracene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[a]anthracene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[a]pyrene	<0.0403	0.0403	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[b]fluoranthene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[g,h,i]perylene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[k]fluoranthene	<0.0403	0.0403	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Chrysene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Dibenz[a,h]anthracene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Fluoranthene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Fluorene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Indeno[1,2,3-cd]pyrene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Naphthalene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Phenanthrene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Pyrene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Surr: 2-Fluorobiphenyl	64.4	0	40 - 140		%REC	1	10/28/10 09:00 PM
Surr: 4-Terphenyl-d14	82.6	0	40 - 140		%REC	1	10/28/10 09:00 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2,2-Tetrachloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2-Trichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2-Trichlorotrifluoroethane	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
1,1-Dichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1-Dichloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2,4-Trichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dibromo-3-chloropropane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dibromoethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichloropropane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,3-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,4-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
2-Butanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
2-Hexanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
4-Methyl-2-pentanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
Acetone	0.0357	0.0209	0.0697		mg/Kg-dry	1	10/25/10 03:01 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB40-01
Project:	Hillcrest CEI	Lab ID:	1010173-08
Project No:	760-SL11	Collection Date:	10/22/10 02:40 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Bromodichloromethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Bromoform	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Bromomethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Carbon disulfide	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Carbon tetrachloride	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Chlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Chloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Chloroform	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Chloromethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
cis-1,2-Dichloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
cis-1,3-Dichloropropene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Cyclohexane	<0.00697	0.00697	0.0209	N	mg/Kg-dry	1	10/25/10 03:01 PM
Dibromochloromethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Dichlorodifluoromethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Ethylbenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Isopropylbenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
m,p-Xylene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Methyl Acetate	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
Methyl tert-butyl ether	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Methylcyclohexane	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
Methylene chloride	<0.00697	0.00697	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
o-Xylene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Styrene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Tetrachloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Toluene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
trans-1,2-Dichloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
trans-1,3-Dichloropropene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Trichloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Trichlorofluoromethane	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
Vinyl chloride	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
Surr: 1,2-Dichloroethane-d4	109	0	52 - 149		%REC	1	10/25/10 03:01 PM
Surr: 4-Bromofluorobenzene	101	0	84 - 118		%REC	1	10/25/10 03:01 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 03:01 PM
Surr: Toluene-d8	95.1	0	84 - 116		%REC	1	10/25/10 03:01 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	28.7	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB38-01
Project:	Hillcrest CEI	Lab ID:	1010173-09
Project No:	760-SL11	Collection Date:	10/22/10 04:01 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.41	8.41	24.0		mg/Kg-dry	1	10/25/10 06:37 PM
T/R Hydrocarbons: >C12-C28	<8.41	8.41	24.0		mg/Kg-dry	1	10/25/10 06:37 PM
T/R Hydrocarbons: >C28-C35	<8.41	8.41	24.0		mg/Kg-dry	1	10/25/10 06:37 PM
T/R Hydrocarbons: C6-C35	<8.41	8.41	24.0		mg/Kg-dry	1	10/25/10 06:37 PM
Surr: Isopropylbenzene	92.6	0	70 - 130		%REC	1	10/25/10 06:37 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 06:37 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Acenaphthylene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Anthracene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Benzo[a]anthracene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Benzo[a]pyrene	<0.0346	0.0346	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Benzo[b]fluoranthene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Benzo[g,h,i]perylene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Benzo[k]fluoranthene	<0.0346	0.0346	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Chrysene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Dibenz[a,h]anthracene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Fluoranthene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Fluorene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Naphthalene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Phenanthrene	<0.0115	0.0115	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Pyrene	<0.0231	0.0231	0.0577		mg/Kg-dry	1	10/28/10 09:31 PM
Surr: 2-Fluorobiphenyl	64.1	0	40 - 140		%REC	1	10/28/10 09:31 PM
Surr: 4-Terphenyl-d14	83.4	0	40 - 140		%REC	1	10/28/10 09:31 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,1,2,2-Tetrachloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,1,2-Trichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,1,2-Trichlorotrifluoroethane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
1,1-Dichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,1-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2,4-Trichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2-Dibromo-3-chloropropane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2-Dibromoethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2-Dichloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,2-Dichloropropane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,3-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
1,4-Dichlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
2-Butanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
2-Hexanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
4-Methyl-2-pentanone	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
Acetone	<0.0158	0.0158	0.0526		mg/Kg-dry	1	10/25/10 03:33 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB38-01
Project:	Hillcrest CEI	Lab ID:	1010173-09
Project No:	760-SL11	Collection Date:	10/22/10 04:01 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Bromodichloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Bromoform	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Bromomethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Carbon disulfide	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Carbon tetrachloride	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Chlorobenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Chloroethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Chloroform	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Chloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
cis-1,2-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
cis-1,3-Dichloropropene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Cyclohexane	<0.00526	0.00526	0.0158	N	mg/Kg-dry	1	10/25/10 03:33 PM
Dibromochloromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Dichlorodifluoromethane	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Ethylbenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Isopropylbenzene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
m,p-Xylene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Methyl Acetate	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
Methyl tert-butyl ether	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Methylcyclohexane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
Methylene chloride	<0.00526	0.00526	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
o-Xylene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Styrene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Tetrachloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Toluene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
trans-1,2-Dichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
trans-1,3-Dichloropropene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Trichloroethene	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Trichlorofluoromethane	<0.00526	0.00526	0.0158		mg/Kg-dry	1	10/25/10 03:33 PM
Vinyl chloride	<0.00105	0.00105	0.00526		mg/Kg-dry	1	10/25/10 03:33 PM
Surr: 1,2-Dichloroethane-d4	111	0	52 - 149		%REC	1	10/25/10 03:33 PM
Surr: 4-Bromofluorobenzene	103	0	84 - 118		%REC	1	10/25/10 03:33 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 03:33 PM
Surr: Toluene-d8	94.1	0	84 - 116		%REC	1	10/25/10 03:33 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	16.6	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB39-01
Project:	Hillcrest CEI	Lab ID:	1010173-10
Project No:	760-SL11	Collection Date:	10/22/10 04:58 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.11	8.11	23.2		mg/Kg-dry	1	10/25/10 06:55 PM
T/R Hydrocarbons: >C12-C28	<8.11	8.11	23.2		mg/Kg-dry	1	10/25/10 06:55 PM
T/R Hydrocarbons: >C28-C35	<8.11	8.11	23.2		mg/Kg-dry	1	10/25/10 06:55 PM
T/R Hydrocarbons: C6-C35	<8.11	8.11	23.2		mg/Kg-dry	1	10/25/10 06:55 PM
Surr: Isopropylbenzene	92.7	0	70 - 130		%REC	1	10/25/10 06:55 PM
Surr: Octacosane	103	0	70 - 130		%REC	1	10/25/10 06:55 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Acenaphthylene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Anthracene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Benzo[a]anthracene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Benzo[a]pyrene	<0.0339	0.0339	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Benzo[b]fluoranthene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Benzo[g,h,i]perylene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Benzo[k]fluoranthene	<0.0339	0.0339	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Chrysene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Dibenz[a,h]anthracene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Fluoranthene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Fluorene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Naphthalene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Phenanthrene	<0.0113	0.0113	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Pyrene	<0.0226	0.0226	0.0565		mg/Kg-dry	1	10/28/10 10:01 PM
Surr: 2-Fluorobiphenyl	64.0	0	40 - 140		%REC	1	10/28/10 10:01 PM
Surr: 4-Terphenyl-d14	81.8	0	40 - 140		%REC	1	10/28/10 10:01 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,1,2,2-Tetrachloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,1,2-Trichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,1,2-Trichlorotrifluoroethane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
1,1-Dichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,1-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2,4-Trichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2-Dibromo-3-chloropropane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2-Dibromoethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2-Dichloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,2-Dichloropropane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,3-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
1,4-Dichlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
2-Butanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
2-Hexanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
4-Methyl-2-pentanone	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
Acetone	<0.0153	0.0153	0.0510		mg/Kg-dry	1	10/25/10 12:51 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB39-01
Project:	Hillcrest CEI	Lab ID:	1010173-10
Project No:	760-SL11	Collection Date:	10/22/10 04:58 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Bromodichloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Bromoform	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Bromomethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Carbon disulfide	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Carbon tetrachloride	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Chlorobenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Chloroethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Chloroform	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Chloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
cis-1,2-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
cis-1,3-Dichloropropene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Cyclohexane	<0.00510	0.00510	0.0153	N	mg/Kg-dry	1	10/25/10 12:51 PM
Dibromochloromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Dichlorodifluoromethane	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Ethylbenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Isopropylbenzene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
m,p-Xylene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Methyl Acetate	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
Methyl tert-butyl ether	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Methylcyclohexane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
Methylene chloride	<0.00510	0.00510	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
o-Xylene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Styrene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Tetrachloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Toluene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
trans-1,2-Dichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
trans-1,3-Dichloropropene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Trichloroethene	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Trichlorofluoromethane	<0.00510	0.00510	0.0153		mg/Kg-dry	1	10/25/10 12:51 PM
Vinyl chloride	<0.00102	0.00102	0.00510		mg/Kg-dry	1	10/25/10 12:51 PM
Surr: 1,2-Dichloroethane-d4	105	0	52 - 149		%REC	1	10/25/10 12:51 PM
Surr: 4-Bromofluorobenzene	104	0	84 - 118		%REC	1	10/25/10 12:51 PM
Surr: Dibromofluoromethane	95.9	0	65 - 135		%REC	1	10/25/10 12:51 PM
Surr: Toluene-d8	96.7	0	84 - 116		%REC	1	10/25/10 12:51 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.8	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-6
Project:	Hillcrest CEI	Lab ID:	1010173-11
Project No:	760-SL11	Collection Date:	10/22/10 09:20 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<8.24	8.24	23.5		mg/Kg-dry	1	10/25/10 07:21 PM
T/R Hydrocarbons: >C12-C28	<8.24	8.24	23.5		mg/Kg-dry	1	10/25/10 07:21 PM
T/R Hydrocarbons: >C28-C35	<8.24	8.24	23.5		mg/Kg-dry	1	10/25/10 07:21 PM
T/R Hydrocarbons: C6-C35	<8.24	8.24	23.5		mg/Kg-dry	1	10/25/10 07:21 PM
Surr: Isopropylbenzene	91.3	0	70 - 130		%REC	1	10/25/10 07:21 PM
Surr: Octacosane	97.9	0	70 - 130		%REC	1	10/25/10 07:21 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Acenaphthylene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Anthracene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Benzo[a]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Benzo[a]pyrene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Benzo[b]fluoranthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Benzo[g,h,i]perylene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Benzo[k]fluoranthene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Chrysene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Dibenz[a,h]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Fluoranthene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Fluorene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Naphthalene	0.0356	0.0118	0.0590	J	mg/Kg-dry	1	10/28/10 10:32 PM
Phenanthrene	0.0281	0.0118	0.0590	J	mg/Kg-dry	1	10/28/10 10:32 PM
Pyrene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/28/10 10:32 PM
Surr: 2-Fluorobiphenyl	60.2	0	40 - 140		%REC	1	10/28/10 10:32 PM
Surr: 4-Terphenyl-d14	77.1	0	40 - 140		%REC	1	10/28/10 10:32 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,1,2,2-Tetrachloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,1,2-Trichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,1,2-Trichlorotrifluoroethane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
1,1-Dichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,1-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2,4-Trichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2-Dibromo-3-chloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2-Dibromoethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2-Dichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,2-Dichloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,3-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
1,4-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
2-Butanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
2-Hexanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
4-Methyl-2-pentanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
Acetone	0.0615	0.0149	0.0496		mg/Kg-dry	1	10/25/10 08:26 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-6
Project:	Hillcrest CEI	Lab ID:	1010173-11
Project No:	760-SL11	Collection Date:	10/22/10 09:20 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Bromodichloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Bromoform	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Bromomethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Carbon disulfide	0.00249	0.000992	0.00496	J	mg/Kg-dry	1	10/25/10 08:26 PM
Carbon tetrachloride	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Chlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Chloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Chloroform	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Chloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
cis-1,2-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
cis-1,3-Dichloropropene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Cyclohexane	<0.00496	0.00496	0.0149	N	mg/Kg-dry	1	10/25/10 08:26 PM
Dibromochloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Dichlorodifluoromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Ethylbenzene	0.00271	0.000992	0.00496	J	mg/Kg-dry	1	10/25/10 08:26 PM
Isopropylbenzene	0.00302	0.000992	0.00496	J	mg/Kg-dry	1	10/25/10 08:26 PM
m,p-Xylene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Methyl Acetate	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
Methyl tert-butyl ether	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Methylcyclohexane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
Methylene chloride	<0.00496	0.00496	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
o-Xylene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Styrene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Tetrachloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Toluene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
trans-1,2-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
trans-1,3-Dichloropropene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Trichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Trichlorofluoromethane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	10/25/10 08:26 PM
Vinyl chloride	<0.000992	0.000992	0.00496		mg/Kg-dry	1	10/25/10 08:26 PM
Surr: 1,2-Dichloroethane-d4	109	0	52 - 149		%REC	1	10/25/10 08:26 PM
Surr: 4-Bromofluorobenzene	106	0	84 - 118		%REC	1	10/25/10 08:26 PM
Surr: Dibromofluoromethane	98.1	0	65 - 135		%REC	1	10/25/10 08:26 PM
Surr: Toluene-d8	95.2	0	84 - 116		%REC	1	10/25/10 08:26 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.5	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-7
Project:	Hillcrest CEI	Lab ID:	1010173-12
Project No:	760-SL11	Collection Date:	10/22/10 01:40 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 07:30 PM
T/R Hydrocarbons: >C12-C28	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 07:30 PM
T/R Hydrocarbons: >C28-C35	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 07:30 PM
T/R Hydrocarbons: C6-C35	<10.9	10.9	31.2		mg/Kg-dry	1	10/25/10 07:30 PM
Surr: Isopropylbenzene	94.1	0	70 - 130		%REC	1	10/25/10 07:30 PM
Surr: Octacosane	104	0	70 - 130		%REC	1	10/25/10 07:30 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Acenaphthylene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Anthracene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Benzo[a]anthracene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Benzo[a]pyrene	<0.0435	0.0435	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Benzo[b]fluoranthene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Benzo[g,h,i]perylene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Benzo[k]fluoranthene	<0.0435	0.0435	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Chrysene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Dibenz[a,h]anthracene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Fluoranthene	0.0189	0.0145	0.0725	J	mg/Kg-dry	1	10/28/10 11:02 PM
Fluorene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Indeno[1,2,3-cd]pyrene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Naphthalene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Phenanthrene	<0.0145	0.0145	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Pyrene	<0.0290	0.0290	0.0725		mg/Kg-dry	1	10/28/10 11:02 PM
Surr: 2-Fluorobiphenyl	59.7	0	40 - 140		%REC	1	10/28/10 11:02 PM
Surr: 4-Terphenyl-d14	76.2	0	40 - 140		%REC	1	10/28/10 11:02 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,1,2,2-Tetrachloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,1,2-Trichloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,1,2-Trichlorotrifluoroethane	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
1,1-Dichloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,1-Dichloroethene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2,4-Trichlorobenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2-Dibromo-3-chloropropane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2-Dibromoethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2-Dichlorobenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2-Dichloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,2-Dichloropropane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,3-Dichlorobenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
1,4-Dichlorobenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
2-Butanone	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
2-Hexanone	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
4-Methyl-2-pentanone	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
Acetone	0.0386	0.0220	0.0734	J	mg/Kg-dry	1	10/25/10 04:05 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-FD-7
Project:	Hillcrest CEI	Lab ID:	1010173-12
Project No:	760-SL11	Collection Date:	10/22/10 01:40 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Bromodichloromethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Bromoform	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Bromomethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Carbon disulfide	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Carbon tetrachloride	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Chlorobenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Chloroethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Chloroform	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Chloromethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
cis-1,2-Dichloroethene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
cis-1,3-Dichloropropene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Cyclohexane	<0.00734	0.00734	0.0220	N	mg/Kg-dry	1	10/25/10 04:05 PM
Dibromochloromethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Dichlorodifluoromethane	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Ethylbenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Isopropylbenzene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
m,p-Xylene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Methyl Acetate	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
Methyl tert-butyl ether	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Methylcyclohexane	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
Methylene chloride	<0.00734	0.00734	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
o-Xylene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Styrene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Tetrachloroethene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Toluene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
trans-1,2-Dichloroethene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
trans-1,3-Dichloropropene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Trichloroethene	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Trichlorofluoromethane	<0.00734	0.00734	0.0220		mg/Kg-dry	1	10/25/10 04:05 PM
Vinyl chloride	<0.00147	0.00147	0.00734		mg/Kg-dry	1	10/25/10 04:05 PM
Surr: 1,2-Dichloroethane-d4	109	0	52 - 149		%REC	1	10/25/10 04:05 PM
Surr: 4-Bromofluorobenzene	103	0	84 - 118		%REC	1	10/25/10 04:05 PM
Surr: Dibromofluoromethane	100	0	65 - 135		%REC	1	10/25/10 04:05 PM
Surr: Toluene-d8	95.7	0	84 - 116		%REC	1	10/25/10 04:05 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	32.8	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:				
		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB
Project:	Hillcrest CEI	Lab ID:	1010173-14
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 04:20 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 04:20 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 04:20 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:20 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:20 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 04:20 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:20 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:20 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:20 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-TB
Project:	Hillcrest CEI	Lab ID:	1010173-14
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:20 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:20 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 04:20 PM
Surr: 1,2-Dichloroethane-d4	95.9	0	72 - 119		%REC	1	10/27/10 04:20 PM
Surr: 4-Bromofluorobenzene	95.0	0	76 - 119		%REC	1	10/27/10 04:20 PM
Surr: Dibromofluoromethane	94.8	0	85 - 115		%REC	1	10/27/10 04:20 PM
Surr: Toluene-d8	100	0	81 - 120		%REC	1	10/27/10 04:20 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB21-01
Project:	Hillcrest CEI	Lab ID:	1010173-15
Project No:	760-SL11	Collection Date:	10/22/10 08:21 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 07:39 PM
T/R Hydrocarbons: >C12-C28	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 07:39 PM
T/R Hydrocarbons: >C28-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 07:39 PM
T/R Hydrocarbons: C6-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 07:39 PM
Surr: Isopropylbenzene	91.2	0	70 - 130		%REC	1	10/25/10 07:39 PM
Surr: Octacosane	98.4	0	70 - 130		%REC	1	10/25/10 07:39 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Acenaphthylene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Anthracene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Benzo[a]anthracene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Benzo[a]pyrene	<0.0346	0.0346	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Benzo[b]fluoranthene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Benzo[g,h,i]perylene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Benzo[k]fluoranthene	<0.0346	0.0346	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Chrysene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Dibenz[a,h]anthracene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Fluoranthene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Fluorene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Naphthalene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Phenanthrene	<0.0115	0.0115	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Pyrene	<0.0230	0.0230	0.0576		mg/Kg-dry	1	10/29/10 01:47 PM
Surr: 2-Fluorobiphenyl	64.7	0	40 - 140		%REC	1	10/29/10 01:47 PM
Surr: 4-Terphenyl-d14	82.9	0	40 - 140		%REC	1	10/29/10 01:47 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,1,2,2-Tetrachloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,1,2-Trichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,1,2-Trichlorotrifluoroethane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
1,1-Dichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,1-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2,4-Trichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2-Dibromo-3-chloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2-Dibromoethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2-Dichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,2-Dichloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,3-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
1,4-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
2-Butanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
2-Hexanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
4-Methyl-2-pentanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
Acetone	<0.0171	0.0171	0.0570		mg/Kg-dry	1	10/25/10 04:37 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB21-01
Project:	Hillcrest CEI	Lab ID:	1010173-15
Project No:	760-SL11	Collection Date:	10/22/10 08:21 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Bromodichloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Bromoform	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Bromomethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Carbon disulfide	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Carbon tetrachloride	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Chlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Chloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Chloroform	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Chloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
cis-1,2-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
cis-1,3-Dichloropropene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Cyclohexane	<0.00570	0.00570	0.0171	N	mg/Kg-dry	1	10/25/10 04:37 PM
Dibromochloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Dichlorodifluoromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Ethylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Isopropylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
m,p-Xylene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Methyl Acetate	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
Methyl tert-butyl ether	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Methylcyclohexane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
Methylene chloride	<0.00570	0.00570	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
o-Xylene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Styrene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Tetrachloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Toluene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
trans-1,2-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
trans-1,3-Dichloropropene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Trichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Trichlorofluoromethane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	10/25/10 04:37 PM
Vinyl chloride	<0.00114	0.00114	0.00570		mg/Kg-dry	1	10/25/10 04:37 PM
Surr: 1,2-Dichloroethane-d4	114	0	52 - 149		%REC	1	10/25/10 04:37 PM
Surr: 4-Bromofluorobenzene	107	0	84 - 118		%REC	1	10/25/10 04:37 PM
Surr: Dibromofluoromethane	97.4	0	65 - 135		%REC	1	10/25/10 04:37 PM
Surr: Toluene-d8	96.8	0	84 - 116		%REC	1	10/25/10 04:37 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.5	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB4-01
Project:	Hillcrest CEI	Lab ID:	1010173-16
Project No:	760-SL11	Collection Date:	10/22/10 09:54 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.68	6.68	19.1		mg/Kg-dry	1	10/25/10 07:48 PM
T/R Hydrocarbons: >C12-C28	<6.68	6.68	19.1		mg/Kg-dry	1	10/25/10 07:48 PM
T/R Hydrocarbons: >C28-C35	<6.68	6.68	19.1		mg/Kg-dry	1	10/25/10 07:48 PM
T/R Hydrocarbons: C6-C35	<6.68	6.68	19.1		mg/Kg-dry	1	10/25/10 07:48 PM
Surr: Isopropylbenzene	88.3	0	70 - 130		%REC	1	10/25/10 07:48 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 07:48 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Acenaphthylene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Anthracene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Benzo[a]anthracene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Benzo[a]pyrene	<0.0352	0.0352	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Benzo[b]fluoranthene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Benzo[g,h,i]perylene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Benzo[k]fluoranthene	<0.0352	0.0352	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Chrysene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Dibenz[a,h]anthracene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Fluoranthene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Fluorene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Naphthalene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Phenanthrene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Pyrene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 02:18 PM
Surr: 2-Fluorobiphenyl	59.0	0	40 - 140		%REC	1	10/29/10 02:18 PM
Surr: 4-Terphenyl-d14	78.4	0	40 - 140		%REC	1	10/29/10 02:18 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,1,2,2-Tetrachloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,1,2-Trichloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,1,2-Trichlorotrifluoroethane	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
1,1-Dichloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,1-Dichloroethene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2,4-Trichlorobenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2-Dibromo-3-chloropropane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2-Dibromoethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2-Dichlorobenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2-Dichloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,2-Dichloropropane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,3-Dichlorobenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
1,4-Dichlorobenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
2-Butanone	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
2-Hexanone	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
4-Methyl-2-pentanone	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
Acetone	<0.0168	0.0168	0.0562		mg/Kg-dry	1	10/25/10 05:09 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB4-01
Project:	Hillcrest CEI	Lab ID:	1010173-16
Project No:	760-SL11	Collection Date:	10/22/10 09:54 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Bromodichloromethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Bromoform	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Bromomethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Carbon disulfide	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Carbon tetrachloride	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Chlorobenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Chloroethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Chloroform	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Chloromethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
cis-1,2-Dichloroethene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
cis-1,3-Dichloropropene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Cyclohexane	<0.00562	0.00562	0.0168	N	mg/Kg-dry	1	10/25/10 05:09 PM
Dibromochloromethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Dichlorodifluoromethane	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Ethylbenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Isopropylbenzene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
m,p-Xylene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Methyl Acetate	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
Methyl tert-butyl ether	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Methylcyclohexane	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
Methylene chloride	<0.00562	0.00562	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
o-Xylene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Styrene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Tetrachloroethene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Toluene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
trans-1,2-Dichloroethene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
trans-1,3-Dichloropropene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Trichloroethene	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Trichlorofluoromethane	<0.00562	0.00562	0.0168		mg/Kg-dry	1	10/25/10 05:09 PM
Vinyl chloride	<0.00112	0.00112	0.00562		mg/Kg-dry	1	10/25/10 05:09 PM
Surr: 1,2-Dichloroethane-d4	110	0	52 - 149		%REC	1	10/25/10 05:09 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/25/10 05:09 PM
Surr: Dibromofluoromethane	102	0	65 - 135		%REC	1	10/25/10 05:09 PM
Surr: Toluene-d8	93.6	0	84 - 116		%REC	1	10/25/10 05:09 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	19.9	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB23-01
Project:	Hillcrest CEI	Lab ID:	1010173-17
Project No:	760-SL11	Collection Date:	10/22/10 11:28 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<7.22	7.22	20.6		mg/Kg-dry	1	10/25/10 07:57 PM
T/R Hydrocarbons: >C12-C28	<7.22	7.22	20.6		mg/Kg-dry	1	10/25/10 07:57 PM
T/R Hydrocarbons: >C28-C35	<7.22	7.22	20.6		mg/Kg-dry	1	10/25/10 07:57 PM
T/R Hydrocarbons: C6-C35	<7.22	7.22	20.6		mg/Kg-dry	1	10/25/10 07:57 PM
Surr: Isopropylbenzene	94.8	0	70 - 130		%REC	1	10/25/10 07:57 PM
Surr: Octacosane	96.0	0	70 - 130		%REC	1	10/25/10 07:57 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Acenaphthylene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Anthracene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Benzo[a]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Benzo[a]pyrene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Benzo[b]fluoranthene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Benzo[g,h,i]perylene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Benzo[k]fluoranthene	<0.0354	0.0354	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Chrysene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Dibenz[a,h]anthracene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Fluoranthene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Fluorene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Naphthalene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Phenanthrene	<0.0118	0.0118	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Pyrene	<0.0236	0.0236	0.0590		mg/Kg-dry	1	10/29/10 02:48 PM
Surr: 2-Fluorobiphenyl	59.7	0	40 - 140		%REC	1	10/29/10 02:48 PM
Surr: 4-Terphenyl-d14	76.6	0	40 - 140		%REC	1	10/29/10 02:48 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,1,2,2-Tetrachloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,1,2-Trichloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,1,2-Trichlorotrifluoroethane	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
1,1-Dichloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,1-Dichloroethene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2,4-Trichlorobenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2-Dibromo-3-chloropropane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2-Dibromoethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2-Dichlorobenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2-Dichloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,2-Dichloropropane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,3-Dichlorobenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
1,4-Dichlorobenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
2-Butanone	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
2-Hexanone	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
4-Methyl-2-pentanone	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
Acetone	<0.0165	0.0165	0.0550		mg/Kg-dry	1	10/25/10 05:41 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: 760-SL11
Lab Order: 1010173

Client Sample ID: SO-SB23-01
Lab ID: 1010173-17
Collection Date: 10/22/10 11:28 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Bromodichloromethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Bromoform	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Bromomethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Carbon disulfide	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Carbon tetrachloride	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Chlorobenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Chloroethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Chloroform	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Chloromethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
cis-1,2-Dichloroethene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
cis-1,3-Dichloropropene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Cyclohexane	<0.00550	0.00550	0.0165	N	mg/Kg-dry	1	10/25/10 05:41 PM
Dibromochloromethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Dichlorodifluoromethane	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Ethylbenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Isopropylbenzene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
m,p-Xylene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Methyl Acetate	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
Methyl tert-butyl ether	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Methylcyclohexane	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
Methylene chloride	<0.00550	0.00550	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
o-Xylene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Styrene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Tetrachloroethene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Toluene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
trans-1,2-Dichloroethene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
trans-1,3-Dichloropropene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Trichloroethene	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Trichlorofluoromethane	<0.00550	0.00550	0.0165		mg/Kg-dry	1	10/25/10 05:41 PM
Vinyl chloride	<0.00110	0.00110	0.00550		mg/Kg-dry	1	10/25/10 05:41 PM
Surr: 1,2-Dichloroethane-d4	106	0	52 - 149		%REC	1	10/25/10 05:41 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/25/10 05:41 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 05:41 PM
Surr: Toluene-d8	95.1	0	84 - 116		%REC	1	10/25/10 05:41 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.0	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB25-01
Project:	Hillcrest CEI	Lab ID:	1010173-18
Project No:	760-SL11	Collection Date:	10/22/10 01:08 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 08:06 PM
T/R Hydrocarbons: >C12-C28	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 08:06 PM
T/R Hydrocarbons: >C28-C35	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 08:06 PM
T/R Hydrocarbons: C6-C35	<6.85	6.85	19.6		mg/Kg-dry	1	10/25/10 08:06 PM
Surr: Isopropylbenzene	91.3	0	70 - 130		%REC	1	10/25/10 08:06 PM
Surr: Octacosane	95.8	0	70 - 130		%REC	1	10/25/10 08:06 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Acenaphthylene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Anthracene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Benzo[a]anthracene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Benzo[a]pyrene	<0.0332	0.0332	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Benzo[b]fluoranthene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Benzo[g,h,i]perylene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Benzo[k]fluoranthene	<0.0332	0.0332	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Chrysene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Dibenz[a,h]anthracene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Fluoranthene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Fluorene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Indeno[1,2,3-cd]pyrene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Naphthalene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Phenanthrene	<0.0111	0.0111	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Pyrene	<0.0221	0.0221	0.0553		mg/Kg-dry	1	10/29/10 03:19 PM
Surr: 2-Fluorobiphenyl	66.1	0	40 - 140		%REC	1	10/29/10 03:19 PM
Surr: 4-Terphenyl-d14	79.8	0	40 - 140		%REC	1	10/29/10 03:19 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,1,2,2-Tetrachloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,1,2-Trichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,1,2-Trichlorotrifluoroethane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
1,1-Dichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,1-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2,4-Trichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2-Dibromo-3-chloropropane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2-Dibromoethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2-Dichloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,2-Dichloropropane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,3-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
1,4-Dichlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
2-Butanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
2-Hexanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
4-Methyl-2-pentanone	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
Acetone	<0.0146	0.0146	0.0487		mg/Kg-dry	1	10/25/10 06:14 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB25-01
Project:	Hillcrest CEI	Lab ID:	1010173-18
Project No:	760-SL11	Collection Date:	10/22/10 01:08 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Bromodichloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Bromoform	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Bromomethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Carbon disulfide	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Carbon tetrachloride	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Chlorobenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Chloroethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Chloroform	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Chloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
cis-1,2-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
cis-1,3-Dichloropropene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Cyclohexane	<0.00487	0.00487	0.0146	N	mg/Kg-dry	1	10/25/10 06:14 PM
Dibromochloromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Dichlorodifluoromethane	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Ethylbenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Isopropylbenzene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
m,p-Xylene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Methyl Acetate	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
Methyl tert-butyl ether	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Methylcyclohexane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
Methylene chloride	<0.00487	0.00487	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
o-Xylene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Styrene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Tetrachloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Toluene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
trans-1,2-Dichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
trans-1,3-Dichloropropene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Trichloroethene	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Trichlorofluoromethane	<0.00487	0.00487	0.0146		mg/Kg-dry	1	10/25/10 06:14 PM
Vinyl chloride	<0.000975	0.000975	0.00487		mg/Kg-dry	1	10/25/10 06:14 PM
Surr: 1,2-Dichloroethane-d4	117	0	52 - 149		%REC	1	10/25/10 06:14 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/25/10 06:14 PM
Surr: Dibromofluoromethane	99.9	0	65 - 135		%REC	1	10/25/10 06:14 PM
Surr: Toluene-d8	93.3	0	84 - 116		%REC	1	10/25/10 06:14 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	12.7	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB27-01
Project:	Hillcrest CEI	Lab ID:	1010173-19
Project No:	760-SL11	Collection Date:	10/22/10 02:35 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 08:15 PM
T/R Hydrocarbons: >C12-C28	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 08:15 PM
T/R Hydrocarbons: >C28-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 08:15 PM
T/R Hydrocarbons: C6-C35	<6.83	6.83	19.5		mg/Kg-dry	1	10/25/10 08:15 PM
Surr: Isopropylbenzene	86.9	0	70 - 130		%REC	1	10/25/10 08:15 PM
Surr: Octacosane	95.9	0	70 - 130		%REC	1	10/25/10 08:15 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Acenaphthylene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Anthracene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Benzo[a]anthracene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Benzo[a]pyrene	<0.0377	0.0377	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Benzo[b]fluoranthene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Benzo[g,h,i]perylene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Benzo[k]fluoranthene	<0.0377	0.0377	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Chrysene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Dibenz[a,h]anthracene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Fluoranthene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Fluorene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Indeno[1,2,3-cd]pyrene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Naphthalene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Phenanthrene	<0.0126	0.0126	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Pyrene	<0.0252	0.0252	0.0629		mg/Kg-dry	1	10/29/10 03:49 PM
Surr: 2-Fluorobiphenyl	58.0	0	40 - 140		%REC	1	10/29/10 03:49 PM
Surr: 4-Terphenyl-d14	76.3	0	40 - 140		%REC	1	10/29/10 03:49 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,1,2,2-Tetrachloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,1,2-Trichloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,1,2-Trichlorotrifluoroethane	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
1,1-Dichloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,1-Dichloroethene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2,4-Trichlorobenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2-Dibromo-3-chloropropane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2-Dibromoethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2-Dichlorobenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2-Dichloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,2-Dichloropropane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,3-Dichlorobenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
1,4-Dichlorobenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
2-Butanone	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
2-Hexanone	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
4-Methyl-2-pentanone	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
Acetone	<0.0174	0.0174	0.0581		mg/Kg-dry	1	10/25/10 06:47 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB27-01
Project:	Hillcrest CEI	Lab ID:	1010173-19
Project No:	760-SL11	Collection Date:	10/22/10 02:35 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Bromodichloromethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Bromoform	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Bromomethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Carbon disulfide	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Carbon tetrachloride	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Chlorobenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Chloroethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Chloroform	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Chloromethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
cis-1,2-Dichloroethene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
cis-1,3-Dichloropropene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Cyclohexane	<0.00581	0.00581	0.0174	N	mg/Kg-dry	1	10/25/10 06:47 PM
Dibromochloromethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Dichlorodifluoromethane	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Ethylbenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Isopropylbenzene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
m,p-Xylene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Methyl Acetate	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
Methyl tert-butyl ether	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Methylcyclohexane	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
Methylene chloride	<0.00581	0.00581	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
o-Xylene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Styrene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Tetrachloroethene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Toluene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
trans-1,2-Dichloroethene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
trans-1,3-Dichloropropene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Trichloroethene	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Trichlorofluoromethane	<0.00581	0.00581	0.0174		mg/Kg-dry	1	10/25/10 06:47 PM
Vinyl chloride	<0.00116	0.00116	0.00581		mg/Kg-dry	1	10/25/10 06:47 PM
Surr: 1,2-Dichloroethane-d4	114	0	52 - 149		%REC	1	10/25/10 06:47 PM
Surr: 4-Bromofluorobenzene	100	0	84 - 118		%REC	1	10/25/10 06:47 PM
Surr: Dibromofluoromethane	99.1	0	65 - 135		%REC	1	10/25/10 06:47 PM
Surr: Toluene-d8	95.2	0	84 - 116		%REC	1	10/25/10 06:47 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	21.1	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB29-01
Project:	Hillcrest CEI	Lab ID:	1010173-20
Project No:	760-SL11	Collection Date:	10/22/10 03:38 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.26	6.26	17.9		mg/Kg-dry	1	10/26/10 09:40 AM
T/R Hydrocarbons: >C12-C28	<6.26	6.26	17.9		mg/Kg-dry	1	10/26/10 09:40 AM
T/R Hydrocarbons: >C28-C35	<6.26	6.26	17.9		mg/Kg-dry	1	10/26/10 09:40 AM
T/R Hydrocarbons: C6-C35	<6.26	6.26	17.9		mg/Kg-dry	1	10/26/10 09:40 AM
Surr: Isopropylbenzene	96.8	0	70 - 130		%REC	1	10/26/10 09:40 AM
Surr: Octacosane	94.4	0	70 - 130		%REC	1	10/26/10 09:40 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Acenaphthylene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Anthracene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Benzo[a]anthracene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Benzo[a]pyrene	<0.0356	0.0356	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Benzo[b]fluoranthene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Benzo[g,h,i]perylene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Benzo[k]fluoranthene	<0.0356	0.0356	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Chrysene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Dibenz[a,h]anthracene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Fluoranthene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Fluorene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Indeno[1,2,3-cd]pyrene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Naphthalene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Phenanthrene	<0.0119	0.0119	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Pyrene	<0.0237	0.0237	0.0593		mg/Kg-dry	1	10/29/10 04:20 PM
Surr: 2-Fluorobiphenyl	58.4	0	40 - 140		%REC	1	10/29/10 04:20 PM
Surr: 4-Terphenyl-d14	74.9	0	40 - 140		%REC	1	10/29/10 04:20 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,1,2,2-Tetrachloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,1,2-Trichloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,1,2-Trichlorotrifluoroethane	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
1,1-Dichloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,1-Dichloroethene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2,4-Trichlorobenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2-Dibromo-3-chloropropane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2-Dibromoethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2-Dichlorobenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2-Dichloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,2-Dichloropropane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,3-Dichlorobenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
1,4-Dichlorobenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
2-Butanone	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
2-Hexanone	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
4-Methyl-2-pentanone	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
Acetone	<0.0157	0.0157	0.0522		mg/Kg-dry	1	10/25/10 07:19 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB29-01
Project:	Hillcrest CEI	Lab ID:	1010173-20
Project No:	760-SL11	Collection Date:	10/22/10 03:38 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Bromodichloromethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Bromoform	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Bromomethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Carbon disulfide	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Carbon tetrachloride	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Chlorobenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Chloroethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Chloroform	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Chloromethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
cis-1,2-Dichloroethene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
cis-1,3-Dichloropropene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Cyclohexane	<0.00522	0.00522	0.0157	N	mg/Kg-dry	1	10/25/10 07:19 PM
Dibromochloromethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Dichlorodifluoromethane	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Ethylbenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Isopropylbenzene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
m,p-Xylene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Methyl Acetate	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
Methyl tert-butyl ether	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Methylcyclohexane	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
Methylene chloride	<0.00522	0.00522	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
o-Xylene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Styrene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Tetrachloroethene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Toluene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
trans-1,2-Dichloroethene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
trans-1,3-Dichloropropene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Trichloroethene	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Trichlorofluoromethane	<0.00522	0.00522	0.0157		mg/Kg-dry	1	10/25/10 07:19 PM
Vinyl chloride	<0.00104	0.00104	0.00522		mg/Kg-dry	1	10/25/10 07:19 PM
Surr: 1,2-Dichloroethane-d4	104	0	52 - 149		%REC	1	10/25/10 07:19 PM
Surr: 4-Bromofluorobenzene	101	0	84 - 118		%REC	1	10/25/10 07:19 PM
Surr: Dibromofluoromethane	99.6	0	65 - 135		%REC	1	10/25/10 07:19 PM
Surr: Toluene-d8	94.5	0	84 - 116		%REC	1	10/25/10 07:19 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	18.3	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB28-01
Project:	Hillcrest CEI	Lab ID:	1010173-21
Project No:	760-SL11	Collection Date:	10/22/10 04:31 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<6.82	6.82	19.5		mg/Kg-dry	1	10/26/10 09:48 AM
T/R Hydrocarbons: >C12-C28	<6.82	6.82	19.5		mg/Kg-dry	1	10/26/10 09:48 AM
T/R Hydrocarbons: >C28-C35	<6.82	6.82	19.5		mg/Kg-dry	1	10/26/10 09:48 AM
T/R Hydrocarbons: C6-C35	<6.82	6.82	19.5		mg/Kg-dry	1	10/26/10 09:48 AM
Surr: Isopropylbenzene	93.3	0	70 - 130		%REC	1	10/26/10 09:48 AM
Surr: Octacosane	91.5	0	70 - 130		%REC	1	10/26/10 09:48 AM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Acenaphthylene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Anthracene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Benzo[a]anthracene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Benzo[a]pyrene	<0.0352	0.0352	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Benzo[b]fluoranthene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Benzo[g,h,i]perylene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Benzo[k]fluoranthene	<0.0352	0.0352	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Chrysene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Dibenz[a,h]anthracene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Fluoranthene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Fluorene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Indeno[1,2,3-cd]pyrene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Naphthalene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Phenanthrene	<0.0117	0.0117	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Pyrene	<0.0235	0.0235	0.0587		mg/Kg-dry	1	10/29/10 04:51 PM
Surr: 2-Fluorobiphenyl	57.8	0	40 - 140		%REC	1	10/29/10 04:51 PM
Surr: 4-Terphenyl-d14	71.9	0	40 - 140		%REC	1	10/29/10 04:51 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,1,2,2-Tetrachloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,1,2-Trichloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,1,2-Trichlorotrifluoroethane	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
1,1-Dichloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,1-Dichloroethene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2,4-Trichlorobenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2-Dibromo-3-chloropropane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2-Dibromoethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2-Dichlorobenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2-Dichloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,2-Dichloropropane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,3-Dichlorobenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
1,4-Dichlorobenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
2-Butanone	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
2-Hexanone	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
4-Methyl-2-pentanone	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
Acetone	<0.0160	0.0160	0.0532		mg/Kg-dry	1	10/25/10 07:53 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB28-01
Project:	Hillcrest CEI	Lab ID:	1010173-21
Project No:	760-SL11	Collection Date:	10/22/10 04:31 PM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Bromodichloromethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Bromoform	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Bromomethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Carbon disulfide	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Carbon tetrachloride	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Chlorobenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Chloroethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Chloroform	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Chloromethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
cis-1,2-Dichloroethene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
cis-1,3-Dichloropropene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Cyclohexane	<0.00532	0.00532	0.0160	N	mg/Kg-dry	1	10/25/10 07:53 PM
Dibromochloromethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Dichlorodifluoromethane	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Ethylbenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Isopropylbenzene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
m,p-Xylene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Methyl Acetate	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
Methyl tert-butyl ether	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Methylcyclohexane	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
Methylene chloride	<0.00532	0.00532	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
o-Xylene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Styrene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Tetrachloroethene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Toluene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
trans-1,2-Dichloroethene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
trans-1,3-Dichloropropene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Trichloroethene	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Trichlorofluoromethane	<0.00532	0.00532	0.0160		mg/Kg-dry	1	10/25/10 07:53 PM
Vinyl chloride	<0.00106	0.00106	0.00532		mg/Kg-dry	1	10/25/10 07:53 PM
Surr: 1,2-Dichloroethane-d4	109	0	52 - 149		%REC	1	10/25/10 07:53 PM
Surr: 4-Bromofluorobenzene	102	0	84 - 118		%REC	1	10/25/10 07:53 PM
Surr: Dibromofluoromethane	101	0	65 - 135		%REC	1	10/25/10 07:53 PM
Surr: Toluene-d8	94.3	0	84 - 116		%REC	1	10/25/10 07:53 PM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	20.8	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:		See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
	B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
	C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
	DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
	E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
			SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-22
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 04:46 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 04:46 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 04:46 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:46 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 04:46 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 04:46 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 04:46 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:46 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:46 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-22
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 04:46 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 04:46 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 04:46 PM
Surr: 1,2-Dichloroethane-d4	96.2	0	72 - 119		%REC	1	10/27/10 04:46 PM
Surr: 4-Bromofluorobenzene	94.8	0	76 - 119		%REC	1	10/27/10 04:46 PM
Surr: Dibromofluoromethane	95.5	0	85 - 115		%REC	1	10/27/10 04:46 PM
Surr: Toluene-d8	99.5	0	81 - 120		%REC	1	10/27/10 04:46 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-01
Project:	Hillcrest CEI	Lab ID:	1010173-23
Project No:	760-SL11	Collection Date:	10/22/10 10:15 AM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.665	0.665	1.90		mg/L	1	10/25/10 02:36 PM
T/R Hydrocarbons: >C12-C28	<0.665	0.665	1.90		mg/L	1	10/25/10 02:36 PM
T/R Hydrocarbons: >C28-C35	<0.665	0.665	1.90		mg/L	1	10/25/10 02:36 PM
T/R Hydrocarbons: C6-C35	<0.665	0.665	1.90		mg/L	1	10/25/10 02:36 PM
Surr: Isopropylbenzene	93.9	0	70 - 130		%REC	1	10/25/10 02:36 PM
Surr: Octacosane	101	0	70 - 130		%REC	1	10/25/10 02:36 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 06:11 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:11 PM
Surr: 2-Fluorobiphenyl	57.9	0	40 - 140		%REC	1	10/25/10 06:11 PM
Surr: 4-Terphenyl-d14	68.3	0	40 - 140		%REC	1	10/25/10 06:11 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 06:54 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 06:54 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-01
Project:	Hillcrest CEI	Lab ID:	1010173-23
Project No:	760-SL11	Collection Date:	10/22/10 10:15 AM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
cis-1,2-Dichloroethene	0.000350	0.000200	0.00100	J	mg/L	1	10/27/10 06:54 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 06:54 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:54 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:54 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 06:54 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:54 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:54 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:54 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Trichloroethene	0.00910	0.000600	0.00200		mg/L	1	10/27/10 06:54 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:54 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 06:54 PM
Surr: 1,2-Dichloroethane-d4	97.3	0	72 - 119		%REC	1	10/27/10 06:54 PM
Surr: 4-Bromofluorobenzene	94.9	0	76 - 119		%REC	1	10/27/10 06:54 PM
Surr: Dibromofluoromethane	97.2	0	85 - 115		%REC	1	10/27/10 06:54 PM
Surr: Toluene-d8	98.4	0	81 - 120		%REC	1	10/27/10 06:54 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-04
Project:	Hillcrest CEI	Lab ID:	1010173-24
Project No:	760-SL11	Collection Date:	10/22/10 03:10 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.682	0.682	1.95		mg/L	1	10/25/10 02:45 PM
T/R Hydrocarbons: >C12-C28	<0.682	0.682	1.95		mg/L	1	10/25/10 02:45 PM
T/R Hydrocarbons: >C28-C35	<0.682	0.682	1.95		mg/L	1	10/25/10 02:45 PM
T/R Hydrocarbons: C6-C35	<0.682	0.682	1.95		mg/L	1	10/25/10 02:45 PM
Surr: Isopropylbenzene	94.3	0	70 - 130		%REC	1	10/25/10 02:45 PM
Surr: Octacosane	98.6	0	70 - 130		%REC	1	10/25/10 02:45 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 06:42 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Naphthalene	0.0000357	0.0000250	0.0000500	J	mg/L	1	10/25/10 06:42 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 06:42 PM
Surr: 2-Fluorobiphenyl	63.6	0	40 - 140		%REC	1	10/25/10 06:42 PM
Surr: 4-Terphenyl-d14	66.9	0	40 - 140		%REC	1	10/25/10 06:42 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 07:19 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 07:19 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
Acetone	0.00714	0.00500	0.0150	J	mg/L	1	10/27/10 07:19 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-04
Project:	Hillcrest CEI	Lab ID:	1010173-24
Project No:	760-SL11	Collection Date:	10/22/10 03:10 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 07:19 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:19 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:19 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 07:19 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:19 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:19 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:19 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:19 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:19 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 07:19 PM
Surr: 1,2-Dichloroethane-d4	97.9	0	72 - 119		%REC	1	10/27/10 07:19 PM
Surr: 4-Bromofluorobenzene	93.9	0	76 - 119		%REC	1	10/27/10 07:19 PM
Surr: Dibromofluoromethane	96.3	0	85 - 115		%REC	1	10/27/10 07:19 PM
Surr: Toluene-d8	98.9	0	81 - 120		%REC	1	10/27/10 07:19 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-05
Project:	Hillcrest CEI	Lab ID:	1010173-25
Project No:	760-SL11	Collection Date:	10/22/10 12:10 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.668	0.668	1.91		mg/L	1	10/25/10 02:54 PM
T/R Hydrocarbons: >C12-C28	<0.668	0.668	1.91		mg/L	1	10/25/10 02:54 PM
T/R Hydrocarbons: >C28-C35	<0.668	0.668	1.91		mg/L	1	10/25/10 02:54 PM
T/R Hydrocarbons: C6-C35	<0.668	0.668	1.91		mg/L	1	10/25/10 02:54 PM
Surr: Isopropylbenzene	97.1	0	70 - 130		%REC	1	10/25/10 02:54 PM
Surr: Octacosane	99.2	0	70 - 130		%REC	1	10/25/10 02:54 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 03:06 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 03:06 PM
Surr: 2-Fluorobiphenyl	52.8	0	40 - 140		%REC	1	10/25/10 03:06 PM
Surr: 4-Terphenyl-d14	61.4	0	40 - 140		%REC	1	10/25/10 03:06 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 06:03 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 06:03 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-05
Project:	Hillcrest CEI	Lab ID:	1010173-25
Project No:	760-SL11	Collection Date:	10/22/10 12:10 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
cis-1,2-Dichloroethene	0.000280	0.000200	0.00100	J	mg/L	1	10/27/10 06:03 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 06:03 PM
Dibromochloromethane	0.000210	0.000200	0.00100	J	mg/L	1	10/27/10 06:03 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:03 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 06:03 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 06:03 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 06:03 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Tetrachloroethene	0.00222	0.000600	0.00200		mg/L	1	10/27/10 06:03 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:03 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 06:03 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 06:03 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 06:03 PM
Surr: 1,2-Dichloroethane-d4	97.5	0	72 - 119		%REC	1	10/27/10 06:03 PM
Surr: 4-Bromofluorobenzene	94.4	0	76 - 119		%REC	1	10/27/10 06:03 PM
Surr: Dibromofluoromethane	96.4	0	85 - 115		%REC	1	10/27/10 06:03 PM
Surr: Toluene-d8	99.4	0	81 - 120		%REC	1	10/27/10 06:03 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-07
Project:	Hillcrest CEI	Lab ID:	1010173-26
Project No:	760-SL11	Collection Date:	10/22/10 04:35 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.680	0.680	1.94		mg/L	1	10/25/10 03:56 PM
T/R Hydrocarbons: >C12-C28	<0.680	0.680	1.94		mg/L	1	10/25/10 03:56 PM
T/R Hydrocarbons: >C28-C35	<0.680	0.680	1.94		mg/L	1	10/25/10 03:56 PM
T/R Hydrocarbons: C6-C35	<0.680	0.680	1.94		mg/L	1	10/25/10 03:56 PM
Surr: Isopropylbenzene	98.7	0	70 - 130		%REC	1	10/25/10 03:56 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 03:56 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Anthracene	0.0000567	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 07:12 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:12 PM
Surr: 2-Fluorobiphenyl	79.1	0	40 - 140		%REC	1	10/25/10 07:12 PM
Surr: 4-Terphenyl-d14	84.5	0	40 - 140		%REC	1	10/25/10 07:12 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 07:45 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 07:45 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
Acetone	0.0175	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-07
Project:	Hillcrest CEI	Lab ID:	1010173-26
Project No:	760-SL11	Collection Date:	10/22/10 04:35 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 07:45 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:45 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 07:45 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 07:45 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 07:45 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:45 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:45 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 07:45 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 07:45 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 07:45 PM
Surr: 1,2-Dichloroethane-d4	97.9	0	72 - 119		%REC	1	10/27/10 07:45 PM
Surr: 4-Bromofluorobenzene	94.2	0	76 - 119		%REC	1	10/27/10 07:45 PM
Surr: Dibromofluoromethane	97.4	0	85 - 115		%REC	1	10/27/10 07:45 PM
Surr: Toluene-d8	99.9	0	81 - 120		%REC	1	10/27/10 07:45 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-08
Project:	Hillcrest CEI	Lab ID:	1010173-27
Project No:	760-SL11	Collection Date:	10/22/10 06:05 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.697	0.697	1.99		mg/L	1	10/25/10 04:05 PM
T/R Hydrocarbons: >C12-C28	<0.697	0.697	1.99		mg/L	1	10/25/10 04:05 PM
T/R Hydrocarbons: >C28-C35	<0.697	0.697	1.99		mg/L	1	10/25/10 04:05 PM
T/R Hydrocarbons: C6-C35	<0.697	0.697	1.99		mg/L	1	10/25/10 04:05 PM
Surr: Isopropylbenzene	96.0	0	70 - 130		%REC	1	10/25/10 04:05 PM
Surr: Octacosane	98.1	0	70 - 130		%REC	1	10/25/10 04:05 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	0.000200	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Anthracene	0.0000262	0.0000250	0.0000500	J	mg/L	1	10/25/10 07:43 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Dibenz[a,h]anthracene	<0.000005000	.00000500	0.0000100		mg/L	1	10/25/10 07:43 PM
Fluoranthene	0.0000357	0.0000250	0.0000500	J	mg/L	1	10/25/10 07:43 PM
Fluorene	0.0000522	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Naphthalene	0.000301	0.0000250	0.0000500		mg/L	1	10/25/10 07:43 PM
Phenanthrene	0.0000382	0.0000250	0.0000500	J	mg/L	1	10/25/10 07:43 PM
Pyrene	0.0000418	0.0000250	0.0000500	J	mg/L	1	10/25/10 07:43 PM
Surr: 2-Fluorobiphenyl	70.5	0	40 - 140		%REC	1	10/25/10 07:43 PM
Surr: 4-Terphenyl-d14	87.0	0	40 - 140		%REC	1	10/25/10 07:43 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 08:10 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 08:10 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
Acetone	0.0349	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-08
Project:	Hillcrest CEI	Lab ID:	1010173-27
Project No:	760-SL11	Collection Date:	10/22/10 06:05 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 08:10 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Isopropylbenzene	0.00418	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:10 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:10 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 08:10 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:10 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:10 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:10 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:10 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:10 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 08:10 PM
Surr: 1,2-Dichloroethane-d4	97.7	0	72 - 119		%REC	1	10/27/10 08:10 PM
Surr: 4-Bromofluorobenzene	93.4	0	76 - 119		%REC	1	10/27/10 08:10 PM
Surr: Dibromofluoromethane	97.0	0	85 - 115		%REC	1	10/27/10 08:10 PM
Surr: Toluene-d8	98.6	0	81 - 120		%REC	1	10/27/10 08:10 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-DUP-1
Project:	Hillcrest CEI	Lab ID:	1010173-28
Project No:	760-SL11	Collection Date:	10/22/10 01:45 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.686	0.686	1.96		mg/L	1	10/25/10 04:14 PM
T/R Hydrocarbons: >C12-C28	<0.686	0.686	1.96		mg/L	1	10/25/10 04:14 PM
T/R Hydrocarbons: >C28-C35	<0.686	0.686	1.96		mg/L	1	10/25/10 04:14 PM
T/R Hydrocarbons: C6-C35	<0.686	0.686	1.96		mg/L	1	10/25/10 04:14 PM
Surr: Isopropylbenzene	92.0	0	70 - 130		%REC	1	10/25/10 04:14 PM
Surr: Octacosane	91.8	0	70 - 130		%REC	1	10/25/10 04:14 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	0.000237	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Anthracene	0.0000300	0.0000250	0.0000500	J	mg/L	1	10/25/10 08:15 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Dibenz[a,h]anthracene	<0.000005000	0.00000500	0.0000100		mg/L	1	10/25/10 08:15 PM
Fluoranthene	0.0000364	0.0000250	0.0000500	J	mg/L	1	10/25/10 08:15 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Naphthalene	0.000381	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Phenanthrene	0.0000535	0.0000250	0.0000500		mg/L	1	10/25/10 08:15 PM
Pyrene	0.0000437	0.0000250	0.0000500	J	mg/L	1	10/25/10 08:15 PM
Surr: 2-Fluorobiphenyl	65.6	0	40 - 140		%REC	1	10/25/10 08:15 PM
Surr: 4-Terphenyl-d14	78.5	0	40 - 140		%REC	1	10/25/10 08:15 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 08:36 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 08:36 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
Acetone	0.0334	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-DUP-1
Project:	Hillcrest CEI	Lab ID:	1010173-28
Project No:	760-SL11	Collection Date:	10/22/10 01:45 PM
Lab Order:	1010173	Matrix:	Aqueous

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 08:36 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Isopropylbenzene	0.00430	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:36 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 08:36 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 08:36 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 08:36 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:36 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:36 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 08:36 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 08:36 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 08:36 PM
Surr: 1,2-Dichloroethane-d4	97.1	0	72 - 119		%REC	1	10/27/10 08:36 PM
Surr: 4-Bromofluorobenzene	93.9	0	76 - 119		%REC	1	10/27/10 08:36 PM
Surr: Dibromofluoromethane	96.8	0	85 - 115		%REC	1	10/27/10 08:36 PM
Surr: Toluene-d8	98.6	0	81 - 120		%REC	1	10/27/10 08:36 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-1
Project:	Hillcrest CEI	Lab ID:	1010173-29
Project No:	760-SL11	Collection Date:	10/22/10 07:10 PM
Lab Order:	1010173	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: AV**
T/R Hydrocarbons: C6-C12	<0.677	0.677	1.93		mg/L	1	10/25/10 04:23 PM
T/R Hydrocarbons: >C12-C28	<0.677	0.677	1.93		mg/L	1	10/25/10 04:23 PM
T/R Hydrocarbons: >C28-C35	<0.677	0.677	1.93		mg/L	1	10/25/10 04:23 PM
T/R Hydrocarbons: C6-C35	<0.677	0.677	1.93		mg/L	1	10/25/10 04:23 PM
Surr: Isopropylbenzene	96.8	0	70 - 130		%REC	1	10/25/10 04:23 PM
Surr: Octacosane	97.2	0	70 - 130		%REC	1	10/25/10 04:23 PM
PAHs: GC/MS		**SW8270C**					**Analyst: DO**
Acenaphthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Acenaphthylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Benzo[a]anthracene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Benzo[a]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Benzo[b]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Benzo[g,h,i]perylene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Benzo[k]fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Chrysene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Dibenz[a,h]anthracene	<0.00000500	0.00000500	0.0000100		mg/L	1	10/25/10 08:46 PM
Fluoranthene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Fluorene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Naphthalene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Phenanthrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Pyrene	<0.0000250	0.0000250	0.0000500		mg/L	1	10/25/10 08:46 PM
Surr: 2-Fluorobiphenyl	63.6	0	40 - 140		%REC	1	10/25/10 08:46 PM
Surr: 4-Terphenyl-d14	76.4	0	40 - 140		%REC	1	10/25/10 08:46 PM
8260 Water Volatiles by GC/MS		**SW8260B**					**Analyst: CZ**
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 05:12 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 05:12 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	GW-EB-1
Project:	Hillcrest CEI	Lab ID:	1010173-29
Project No:	760-SL11	Collection Date:	10/22/10 07:10 PM
Lab Order:	1010173	Matrix:	Equip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
Chloroform	0.000320	0.000300	0.00100	J	mg/L	1	10/27/10 05:12 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 05:12 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:12 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:12 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 05:12 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:12 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:12 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:12 PM
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:12 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:12 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 05:12 PM
Surr: 1,2-Dichloroethane-d4	97.1	0	72 - 119		%REC	1	10/27/10 05:12 PM
Surr: 4-Bromofluorobenzene	94.6	0	76 - 119		%REC	1	10/27/10 05:12 PM
Surr: Dibromofluoromethane	95.8	0	85 - 115		%REC	1	10/27/10 05:12 PM
Surr: Toluene-d8	99.2	0	81 - 120		%REC	1	10/27/10 05:12 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-31
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 Water Volatiles by GC/MS		SW8260B					Analyst: CZ
1,1,1-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,1,2,2-Tetrachloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,1,2-Trichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
1,1-Dichloroethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,1-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	10/27/10 05:37 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	10/27/10 05:37 PM
1,2-Dibromoethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
1,2-Dichloropropane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
Benzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Bromodichloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Bromoform	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
Carbon tetrachloride	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Chlorobenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
cis-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
cis-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	10/27/10 05:37 PM
Dibromochloromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Dichlorodifluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Isopropylbenzene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:37 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	10/27/10 05:37 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	10/27/10 05:37 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	10/27/10 05:37 PM
Styrene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:37 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:37 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL Analytical

Date: 11/02/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	Trip Blank
Project:	Hillcrest CEI	Lab ID:	1010173-31
Project No:	760-SL11	Collection Date:	10/22/10
Lab Order:	1010173	Matrix:	Trip Blank

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
trans-1,2-Dichloroethene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
trans-1,3-Dichloropropene	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Trichloroethene	<0.000600	0.000600	0.00200		mg/L	1	10/27/10 05:37 PM
Trichlorofluoromethane	<0.000200	0.000200	0.00100		mg/L	1	10/27/10 05:37 PM
Vinyl chloride	<0.000100	0.000100	0.00100		mg/L	1	10/27/10 05:37 PM
Surr: 1,2-Dichloroethane-d4	97.0	0	72 - 119		%REC	1	10/27/10 05:37 PM
Surr: 4-Bromofluorobenzene	94.4	0	76 - 119		%REC	1	10/27/10 05:37 PM
Surr: Dibromofluoromethane	96.1	0	85 - 115		%REC	1	10/27/10 05:37 PM
Surr: Toluene-d8	99.5	0	81 - 120		%REC	1	10/27/10 05:37 PM

Qualifiers: See Final Page of Report for MQLs and MDLs

B	Analyte detected in the associated Method Blank	J	Analyte detected between SDL and RL
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the SDL
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit (MQL adjusted for moisture and sample size)
		S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025B

Sample ID:	LCS-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:42 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.3	2.00	25.00	0	89.1	75	125			
Surr: Isopropylbenzene		2.30		2.500		91.9	70	130			
Surr: Octacosane		2.56		2.500		102	70	130			

Sample ID:	LCSD-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:51 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.5	2.00	25.00	0	90.0	75	125	1.03	20	
Surr: Isopropylbenzene		2.42		2.500		96.9	70	130	0	0	
Surr: Octacosane		2.51		2.500		100	70	130	0	0	

Sample ID:	MB-43561	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_101025B		Analysis Date:		10/25/10 02:00 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<0.700	2.00								
T/R Hydrocarbons: >C12-C28		<0.700	2.00								
T/R Hydrocarbons: >C28-C35		<0.700	2.00								
T/R Hydrocarbons: C6-C35		<0.700	2.00								
Surr: Isopropylbenzene		2.39		2.500		95.8	70	130			
Surr: Octacosane		2.51		2.500		100	70	130			

Sample ID:	1010173-25BMS	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:03 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		20.8	1.89	23.66	0	87.7	75	125			
Surr: Isopropylbenzene		2.27		2.366		95.9	70	130			
Surr: Octacosane		2.34		2.366		99.1	70	130			

Sample ID:	1010173-25BMSD	Batch ID:	43561		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:47 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		19.7	1.89	23.63	0	83.3	75	125	5.33	20	
Surr: Isopropylbenzene		2.27		2.363		96.2	70	130	0	0	
Surr: Octacosane		2.36		2.363		99.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025B

Sample ID:	ICV-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	ICV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 09:08 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		859	2.00	1000	0	85.9	75	125			
Surr: Isopropylbenzene		45.6		50.00		91.1	70	130			
Surr: Octacosane		47.3		50.00		94.7	70	130			

Sample ID:	CCV3-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 01:31 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		490	2.00	500.0	0	98.1	75	125			
Surr: Isopropylbenzene		25.0		25.00		99.9	70	130			
Surr: Octacosane		26.3		25.00		105	70	130			

Sample ID:	CCV4-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 03:12 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		498	2.00	500.0	0	99.7	75	125			
Surr: Isopropylbenzene		25.6		25.00		103	70	130			
Surr: Octacosane		26.7		25.00		107	70	130			

Sample ID:	CCV5-101025	Batch ID:	R51953		TestNo:		TX1005		Units:		mg/L
SampType:	CCV	Run ID:	GC12_101025B		Analysis Date:		10/25/10 04:41 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		474	2.00	500.0	0	94.7	75	125			
Surr: Isopropylbenzene		24.6		25.00		98.4	70	130			
Surr: Octacosane		25.9		25.00		104	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025C

Sample ID:	LCS-43567	Batch ID:	43567		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCS	Run ID:	GC12_101025C		Analysis Date:		10/25/10 05:07 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		226	20.0	250.0	0	90.4	75	125			
Surr: Isopropylbenzene		23.6		25.00		94.4	70	130			
Surr: Octacosane		24.5		25.00		98.0	70	130			

Sample ID:	LCSD-43567	Batch ID:	43567		TestNo:		TX1005		Units:		mg/Kg
SampType:	LCSD	Run ID:	GC12_101025C		Analysis Date:		10/25/10 05:16 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		202	20.0	250.0	0	80.9	75	125	11.1	50	
Surr: Isopropylbenzene		20.9		25.00		83.8	70	130	0	0	
Surr: Octacosane		22.7		25.00		90.8	70	130	0	0	

Sample ID:	MB-43567	Batch ID:	43567		TestNo:		TX1005		Units:		mg/Kg
SampType:	MBLK	Run ID:	GC12_101025C		Analysis Date:		10/25/10 05:25 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		<7.00	20.0								
T/R Hydrocarbons: >C12-C28		<7.00	20.0								
T/R Hydrocarbons: >C28-C35		<7.00	20.0								
T/R Hydrocarbons: C6-C35		<7.00	20.0								
Surr: Isopropylbenzene		23.0		25.00		92.1	70	130			
Surr: Octacosane		25.6		25.00		103	70	130			

Sample ID:	1010173-10BMS	Batch ID:	43567		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MS	Run ID:	GC12_101025C		Analysis Date:		10/25/10 07:04 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		303	25.9	324.2	0	93.6	75	125			
Surr: Isopropylbenzene		30.5		32.42		94.1	70	130			
Surr: Octacosane		31.7		32.42		97.9	70	130			

Sample ID:	1010173-10BMSD	Batch ID:	43567		TestNo:		TX1005		Units:		mg/Kg-dry
SampType:	MSD	Run ID:	GC12_101025C		Analysis Date:		10/25/10 07:12 PM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		314	27.7	346.0	0	90.8	75	125	3.49	50	
Surr: Isopropylbenzene		32.1		34.60		92.8	70	130	0	0	
Surr: Octacosane		34.3		34.60		99.1	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_101025C

Sample ID:	ICV-101025	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101025C		Analysis Date:		10/25/10 09:08 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		859	20.0	1000	0	85.9	75	125			
Surr: Isopropylbenzene		45.6		50.00		91.1	70	130			
Surr: Octacosane		47.3		50.00		94.7	70	130			

Sample ID:	CCV5-101025	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025C		Analysis Date:		10/25/10 04:41 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		474	20.0	500.0	0	94.7	75	125			
Surr: Isopropylbenzene		24.6		25.00		98.4	70	130			
Surr: Octacosane		25.9		25.00		104	70	130			

Sample ID:	CCV6-101025	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025C		Analysis Date:		10/25/10 06:46 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		468	20.0	500.0	0	93.5	75	125			
Surr: Isopropylbenzene		24.3		25.00		97.1	70	130			
Surr: Octacosane		26.0		25.00		104	70	130			

Sample ID:	CCV7-101025	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025C		Analysis Date:		10/25/10 08:24 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		460	20.0	500.0	0	91.9	75	125			
Surr: Isopropylbenzene		24.0		25.00		95.9	70	130			
Surr: Octacosane		23.0		25.00		92.2	70	130			

Sample ID:	ICV-101026	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	ICV	Run ID:	GC12_101025C		Analysis Date:		10/26/10 08:58 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		513	20.0	0							
T/R Hydrocarbons: >C28-C35		0.274	20.0	0							
T/R Hydrocarbons: C6-C35		916	20.0	1000	0	91.6	75	125			
Surr: Isopropylbenzene		48.2		50.00		96.4	70	130			
Surr: Octacosane		45.6		50.00		91.3	70	130			

Sample ID:	CCV1-101026	Batch ID:	R51959		TestNo:		TX1005		Units:		mg/Kg
SampType:	CCV	Run ID:	GC12_101025C		Analysis Date:		10/26/10 10:42 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		438	20.0	500.0	0	87.6	75	125			
Surr: Isopropylbenzene		22.6		25.00		90.5	70	130			
Surr: Octacosane		20.8		25.00		83.1	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	LCS-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	LCS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:01 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00208	0.0000500	0.00400	0	51.9	50	110			
Acenaphthylene	0.00226	0.0000500	0.00400	0	56.6	55	110			
Anthracene	0.00222	0.0000500	0.00400	0	55.5	44	110			
Benzo[a]anthracene	0.00262	0.0000500	0.00400	0	65.6	48	115			
Benzo[a]pyrene	0.00256	0.0000500	0.00400	0	63.9	53	112			
Benzo[b]fluoranthene	0.00267	0.0000500	0.00400	0	66.9	52	117			
Benzo[g,h,i]perylene	0.00270	0.0000500	0.00400	0	67.6	60	114			
Benzo[k]fluoranthene	0.00259	0.0000500	0.00400	0	64.8	53	124			
Chrysene	0.00259	0.0000500	0.00400	0	64.8	54	122			
Dibenz[a,h]anthracene	0.00269	0.0000100	0.00400	0	67.2	51	120			
Fluoranthene	0.00252	0.0000500	0.00400	0	62.9	40	126			
Fluorene	0.00230	0.0000500	0.00400	0	57.5	54	110			
Indeno[1,2,3-cd]pyrene	0.00272	0.0000500	0.00400	0	67.9	57	116			
Naphthalene	0.00204	0.0000500	0.00400	0	50.9	44	110			
Phenanthrene	0.00221	0.0000500	0.00400	0	55.2	51	114			
Pyrene	0.00260	0.0000500	0.00400	0	65.1	53	120			
Surr: 2-Fluorobiphenyl	3.82		8.000		47.7	40	140			
Surr: 4-Terphenyl-d14	4.56		8.000		57.1	40	140			

Sample ID:	1010173-25CMS	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MS	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 11:32 AM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00302	0.0000500	0.00400	0	75.5	50	110			
Acenaphthylene	0.00332	0.0000500	0.00400	0	82.9	55	110			
Anthracene	0.00325	0.0000500	0.00400	0	81.2	44	110			
Benzo[a]anthracene	0.00380	0.0000500	0.00400	0	95.1	48	115			
Benzo[a]pyrene	0.00381	0.0000500	0.00400	0	95.1	53	112			
Benzo[b]fluoranthene	0.00396	0.0000500	0.00400	0	99.0	52	117			
Benzo[g,h,i]perylene	0.00417	0.0000500	0.00400	0	104	60	114			
Benzo[k]fluoranthene	0.00378	0.0000500	0.00400	0	94.4	53	124			
Chrysene	0.00366	0.0000500	0.00400	0	91.5	54	122			
Dibenz[a,h]anthracene	0.00409	0.0000100	0.00400	0	102	51	120			
Fluoranthene	0.00361	0.0000500	0.00400	0	90.3	40	126			
Fluorene	0.00339	0.0000500	0.00400	0	84.7	54	110			
Indeno[1,2,3-cd]pyrene	0.00408	0.0000500	0.00400	0	102	57	116			
Naphthalene	0.00280	0.0000500	0.00400	0	70.1	44	110			
Phenanthrene	0.00320	0.0000500	0.00400	0	79.9	51	114			
Pyrene	0.00381	0.0000500	0.00400	0	95.2	53	120			
Surr: 2-Fluorobiphenyl	4.72		8.000		59.0	40	140			
Surr: 4-Terphenyl-d14	5.36		8.000		67.0	40	140			

Sample ID:	1010173-25CMSD	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MSD	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 12:02 PM	Prep Date:	10/25/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.00312	0.0000500	0.00400	0	78.1	50	110	3.40	30	
Acenaphthylene	0.00349	0.0000500	0.00400	0	87.2	55	110	4.96	30	
Anthracene	0.00318	0.0000500	0.00400	0	79.5	44	110	2.07	30	
Benzo[a]anthracene	0.00383	0.0000500	0.00400	0	95.8	48	115	0.757	30	
Benzo[a]pyrene	0.00384	0.0000500	0.00400	0	96.0	53	112	0.933	30	
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	52	117	0.605	30	
Benzo[g,h,i]perylene	0.00410	0.0000500	0.00400	0	103	60	114	1.54	30	
Benzo[k]fluoranthene	0.00380	0.0000500	0.00400	0	95.0	53	124	0.631	30	
Chrysene	0.00375	0.0000500	0.00400	0	93.8	54	122	2.49	30	
Dibenz[a,h]anthracene	0.00398	0.0000100	0.00400	0	99.4	51	120	2.81	30	
Fluoranthene	0.00355	0.0000500	0.00400	0	88.7	40	126	1.78	30	
Fluorene	0.00342	0.0000500	0.00400	0	85.5	54	110	1.01	30	
Indeno[1,2,3-cd]pyrene	0.00398	0.0000500	0.00400	0	99.5	57	116	2.56	30	
Naphthalene	0.00318	0.0000500	0.00400	0	79.5	44	110	12.6	30	
Phenanthrene	0.00315	0.0000500	0.00400	0	78.7	51	114	1.54	30	
Pyrene	0.00383	0.0000500	0.00400	0	95.7	53	120	0.443	30	
Surr: 2-Fluorobiphenyl	4.49		8.000		56.1	40	140	0	0	
Surr: 4-Terphenyl-d14	5.07		8.000		63.4	40	140	0	0	

Sample ID:	MB-43558	Batch ID:	43558	TestNo:	SW8270C	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 01:04 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.00000500	0.0000100								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	4.65		8.000		58.1	40	140			
Surr: 4-Terphenyl-d14	5.35		8.000		66.9	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101025A

Sample ID:	ICV-101025	Batch ID:	R51958	TestNo:	SW8270C		Units:	mg/L	
SampType:	ICV	Run ID:	GCMS6_101025A	Analysis Date:	10/25/10 10:30 AM		Prep Date:		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	1.89	0.0000500	2.00	0	94.3	80	120			
Acenaphthylene	2.06	0.0000500	2.00	0	103	80	120			
Anthracene	1.81	0.0000500	2.00	0	90.7	80	120			
Benzo[a]anthracene	2.02	0.0000500	2.00	0	101	80	120			
Benzo[a]pyrene	1.95	0.0000500	2.00	0	97.3	80	120			
Benzo[b]fluoranthene	2.03	0.0000500	2.00	0	102	80	120			
Benzo[g,h,i]perylene	2.06	0.0000500	2.00	0	103	80	120			
Benzo[k]fluoranthene	1.94	0.0000500	2.00	0	96.9	80	120			
Chrysene	1.93	0.0000500	2.00	0	96.7	80	120			
Dibenz[a,h]anthracene	2.06	0.0000100	2.00	0	103	80	120			
Fluoranthene	2.12	0.0000500	2.00	0	106	80	120			
Fluorene	1.96	0.0000500	2.00	0	98.1	80	120			
Indeno[1,2,3-cd]pyrene	2.09	0.0000500	2.00	0	104	80	120			
Naphthalene	1.94	0.0000500	2.00	0	96.9	80	120			
Phenanthrene	1.74	0.0000500	2.00	0	87.1	80	120			
Pyrene	2.27	0.0000500	2.00	0	114	80	120			
Surr: 2-Fluorobiphenyl	1750		2000		87.7	40	140			
Surr: 4-Terphenyl-d14	1810		2000		90.5	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101028A

Sample ID:	ICV-101028	Batch ID:	R52015		TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS6_101028A		Analysis Date:		10/28/10 10:49 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.92	0.0500	2.000	0	96.0	80	120			
Acenaphthylene		2.01	0.0500	2.000	0	100	80	120			
Anthracene		1.87	0.0500	2.000	0	93.5	80	120			
Benzo[a]anthracene		2.01	0.0500	2.000	0	100	80	120			
Benzo[a]pyrene		1.97	0.0500	2.000	0	98.4	80	120			
Benzo[b]fluoranthene		2.00	0.0500	2.000	0	100	80	120			
Benzo[g,h,i]perylene		2.09	0.0500	2.000	0	105	80	120			
Benzo[k]fluoranthene		1.96	0.0500	2.000	0	98.1	80	120			
Chrysene		1.90	0.0500	2.000	0	95.1	80	120			
Dibenz[a,h]anthracene		2.09	0.0500	2.000	0	104	80	120			
Fluoranthene		2.02	0.0500	2.000	0	101	80	120			
Fluorene		1.95	0.0500	2.000	0	97.7	80	120			
Indeno[1,2,3-cd]pyrene		2.11	0.0500	2.000	0	106	80	120			
Naphthalene		1.90	0.0500	2.000	0	95.2	80	120			
Phenanthrene		1.79	0.0500	2.000	0	89.4	80	120			
Pyrene		2.04	0.0500	2.000	0	102	80	120			
Surr: 2-Fluorobiphenyl		1.77		2.000		88.5	40	140			
Surr: 4-Terphenyl-d14		1.89		2.000		94.4	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101029A

Sample ID:	LCS-43612	Batch ID:	43612	TestNo:	SW8270C	Units:	mg/Kg
SampType:	LCS	Run ID:	GCMS6_101029A	Analysis Date:	10/29/10 11:45 AM	Prep Date:	10/28/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.641	0.0500	1.000	0	64.1	56	114			
Acenaphthylene	0.675	0.0500	1.000	0	67.5	56	116			
Anthracene	0.649	0.0500	1.000	0	64.9	40	113			
Benzo[a]anthracene	0.730	0.0500	1.000	0	73.0	52	108			
Benzo[a]pyrene	0.707	0.0500	1.000	0	70.7	48	115			
Benzo[b]fluoranthene	0.755	0.0500	1.000	0	75.5	43	115			
Benzo[g,h,i]perylene	0.780	0.0500	1.000	0	78.0	47	123			
Benzo[k]fluoranthene	0.662	0.0500	1.000	0	66.2	54	118			
Chrysene	0.741	0.0500	1.000	0	74.1	56	115			
Dibenz[a,h]anthracene	0.728	0.0500	1.000	0	72.8	43	120			
Fluoranthene	0.748	0.0500	1.000	0	74.8	41	108			
Fluorene	0.654	0.0500	1.000	0	65.4	47	128			
Indeno[1,2,3-cd]pyrene	0.756	0.0500	1.000	0	75.6	46	119			
Naphthalene	0.599	0.0500	1.000	0	59.9	55	113			
Phenanthrene	0.659	0.0500	1.000	0	65.9	55	114			
Pyrene	0.747	0.0500	1.000	0	74.7	42	125			
Surr: 2-Fluorobiphenyl	2.41		4.000		60.3	40	140			
Surr: 4-Terphenyl-d14	3.08		4.000		77.0	40	140			

Sample ID:	1010173-10CMS	Batch ID:	43612	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS6_101029A	Analysis Date:	10/29/10 12:16 PM	Prep Date:	10/28/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.751	0.0567	1.134	0	66.2	56	114			
Acenaphthylene	0.799	0.0567	1.134	0	70.5	56	116			
Anthracene	0.831	0.0567	1.134	0	73.3	40	113			
Benzo[a]anthracene	0.941	0.0567	1.134	0	83.0	52	108			
Benzo[a]pyrene	0.938	0.0567	1.134	0	82.7	48	115			
Benzo[b]fluoranthene	0.998	0.0567	1.134	0	88.1	43	115			
Benzo[g,h,i]perylene	1.02	0.0567	1.134	0	89.8	47	123			
Benzo[k]fluoranthene	0.918	0.0567	1.134	0	81.0	54	118			
Chrysene	0.978	0.0567	1.134	0	86.3	56	115			
Dibenz[a,h]anthracene	0.959	0.0567	1.134	0	84.6	43	120			
Fluoranthene	0.940	0.0567	1.134	0	82.9	41	108			
Fluorene	0.820	0.0567	1.134	0	72.3	47	128			
Indeno[1,2,3-cd]pyrene	0.992	0.0567	1.134	0	87.5	46	119			
Naphthalene	0.658	0.0567	1.134	0	58.1	55	113			
Phenanthrene	0.830	0.0567	1.134	0	73.3	55	114			
Pyrene	0.982	0.0567	1.134	0	86.6	42	125			
Surr: 2-Fluorobiphenyl	2.59		4.534		57.2	40	140			
Surr: 4-Terphenyl-d14	3.47		4.534		76.5	40	140			

Sample ID:	1010173-10CMSD	Batch ID:	43612	TestNo:	SW8270C	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS6_101029A	Analysis Date:	10/29/10 12:46 PM	Prep Date:	10/28/10

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101029A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	0.783	0.0563	1.126	0	69.5	56	114	4.17	30	
Acenaphthylene	0.815	0.0563	1.126	0	72.4	56	116	1.97	30	
Anthracene	0.868	0.0563	1.126	0	77.1	40	113	4.43	30	
Benzo[a]anthracene	1.01	0.0563	1.126	0	89.8	52	108	7.19	30	
Benzo[a]pyrene	0.961	0.0563	1.126	0	85.4	48	115	2.51	30	
Benzo[b]fluoranthene	1.05	0.0563	1.126	0	93.3	43	115	5.09	30	
Benzo[g,h,i]perylene	1.05	0.0563	1.126	0	92.9	47	123	2.74	30	
Benzo[k]fluoranthene	0.909	0.0563	1.126	0	80.7	54	118	1.07	30	
Chrysene	1.01	0.0563	1.126	0	89.6	56	115	3.18	30	
Dibenz[a,h]anthracene	0.993	0.0563	1.126	0	88.1	43	120	3.40	30	
Fluoranthene	0.975	0.0563	1.126	0	86.6	41	108	3.71	30	
Fluorene	0.855	0.0563	1.126	0	75.9	47	128	4.23	30	
Indeno[1,2,3-cd]pyrene	1.02	0.0563	1.126	0	90.2	46	119	2.35	30	
Naphthalene	0.695	0.0563	1.126	0	61.7	55	113	5.42	30	
Phenanthrene	0.852	0.0563	1.126	0	75.7	55	114	2.59	30	
Pyrene	1.03	0.0563	1.126	0	91.1	42	125	4.39	30	
Surr: 2-Fluorobiphenyl	2.66		4.505		58.9	40	140	0	0	
Surr: 4-Terphenyl-d14	3.64		4.505		80.7	40	140	0	0	

Sample ID:	MB-43612	Batch ID:	43612	TestNo:	SW8270C	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS6_101029A	Analysis Date:	10/29/10 01:17 PM	Prep Date:	10/28/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene	<0.0200	0.0500								
Acenaphthylene	<0.0100	0.0500								
Anthracene	<0.0100	0.0500								
Benzo[a]anthracene	<0.0200	0.0500								
Benzo[a]pyrene	<0.0300	0.0500								
Benzo[b]fluoranthene	<0.0200	0.0500								
Benzo[g,h,i]perylene	<0.0200	0.0500								
Benzo[k]fluoranthene	<0.0300	0.0500								
Chrysene	<0.0200	0.0500								
Dibenz[a,h]anthracene	<0.0200	0.0500								
Fluoranthene	<0.0100	0.0500								
Fluorene	<0.0100	0.0500								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0500								
Naphthalene	<0.0100	0.0500								
Phenanthrene	<0.0100	0.0500								
Pyrene	<0.0200	0.0500								
Surr: 2-Fluorobiphenyl	2.54		4.000		63.4	40	140			
Surr: 4-Terphenyl-d14	3.35		4.000		83.7	40	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_101029A

Sample ID:	ICV-101029	Batch ID:	R52049		TestNo:		SW8270C		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS6_101029A		Analysis Date:		10/29/10 10:14 AM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Acenaphthene		1.89	0.0500	2.000	0	94.6	80	120			
Acenaphthylene		1.99	0.0500	2.000	0	99.7	80	120			
Anthracene		1.85	0.0500	2.000	0	92.6	80	120			
Benzo[a]anthracene		2.02	0.0500	2.000	0	101	80	120			
Benzo[a]pyrene		1.98	0.0500	2.000	0	98.8	80	120			
Benzo[b]fluoranthene		2.02	0.0500	2.000	0	101	80	120			
Benzo[g,h,i]perylene		2.08	0.0500	2.000	0	104	80	120			
Benzo[k]fluoranthene		1.91	0.0500	2.000	0	95.7	80	120			
Chrysene		1.94	0.0500	2.000	0	97.1	80	120			
Dibenz[a,h]anthracene		2.07	0.0500	2.000	0	104	80	120			
Fluoranthene		2.03	0.0500	2.000	0	101	80	120			
Fluorene		1.95	0.0500	2.000	0	97.3	80	120			
Indeno[1,2,3-cd]pyrene		2.05	0.0500	2.000	0	102	80	120			
Naphthalene		1.88	0.0500	2.000	0	94.2	80	120			
Phenanthrene		1.77	0.0500	2.000	0	88.5	80	120			
Pyrene		2.06	0.0500	2.000	0	103	80	120			
Surr: 2-Fluorobiphenyl		1.78		2.000		88.9	40	140			
Surr: 4-Terphenyl-d14		1.86		2.000		93.1	40	140			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101025A

Sample ID:	LCS-43565	Batch ID:	43565		TestNo:		SW8260B		Units:		mg/Kg
SampType:	LCS	Run ID:	GCMS1_101025A		Analysis Date:		10/25/10 11:11 AM		Prep Date:		10/25/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0215	0.00500	0.0232	0	92.6	68	130			
1,1,2,2-Tetrachloroethane		0.0210	0.00500	0.0232	0	90.3	59	140			
1,1,2-Trichloroethane		0.0239	0.00500	0.0232	0	103	62	127			
1,1,2-Trichlorotrifluoroethane		0.0227	0.0150	0.0232	0	98.0	57	135			
1,1-Dichloroethane		0.0229	0.00500	0.0232	0	98.5	73	125			
1,1-Dichloroethene		0.0236	0.00500	0.0232	0	102	65	136			
1,2,4-Trichlorobenzene		0.0237	0.00500	0.0232	0	102	65	131			
1,2-Dibromo-3-chloropropane		0.0231	0.00500	0.0232	0	99.6	49	135			
1,2-Dibromoethane		0.0225	0.00500	0.0232	0	96.9	70	124			
1,2-Dichlorobenzene		0.0234	0.00500	0.0232	0	101	74	120			
1,2-Dichloroethane		0.0211	0.00500	0.0232	0	90.9	72	137			
1,2-Dichloropropane		0.0234	0.00500	0.0232	0	101	71	120			
1,3-Dichlorobenzene		0.0237	0.00500	0.0232	0	102	72	124			
1,4-Dichlorobenzene		0.0232	0.00500	0.0232	0	100	72	125			
2-Butanone		0.0617	0.0150	0.0580	0	106	60	135			
2-Hexanone		0.0625	0.0150	0.0580	0	108	50	150			
4-Methyl-2-pentanone		0.0599	0.0150	0.0580	0	103	60	135			
Acetone		0.0490	0.0500	0.0580	0	84.6	40	141			
Benzene		0.0233	0.00500	0.0232	0	101	73	126			
Bromodichloromethane		0.0219	0.00500	0.0232	0	94.3	72	128			
Bromoform		0.0213	0.00500	0.0232	0	91.8	66	137			
Bromomethane		0.0252	0.00500	0.0232	0	109	45	141			
Carbon disulfide		0.0226	0.00500	0.0232	0	97.4	50	150			
Carbon tetrachloride		0.0212	0.00500	0.0232	0	91.2	67	133			
Chlorobenzene		0.0229	0.00500	0.0232	0	98.8	75	123			
Chloroethane		0.0263	0.00500	0.0232	0	113	41	141			
Chloroform		0.0222	0.00500	0.0232	0	95.6	72	124			
Chloromethane		0.0242	0.00500	0.0232	0	104	51	129			
cis-1,2-Dichloroethene		0.0236	0.00500	0.0232	0	102	67	125			
cis-1,3-Dichloropropene		0.0236	0.00500	0.0232	0	102	72	126			
Cyclohexane		0.0239	0.0150	0.0232	0	103	40	158			N
Dibromochloromethane		0.0214	0.00500	0.0232	0	92.3	66	130			
Dichlorodifluoromethane		0.0216	0.00500	0.0232	0	93.0	34	136			
Ethylbenzene		0.0230	0.00500	0.0232	0	99.0	74	127			
Isopropylbenzene		0.0227	0.00500	0.0232	0	97.8	77	129			
m,p-Xylene		0.0458	0.00500	0.0464	0	98.8	79	126			
Methyl Acetate		0.0237	0.0150	0.0232	0	102	50	150			
Methyl tert-butyl ether		0.0235	0.00500	0.0232	0	101	50	135			
Methylcyclohexane		0.0235	0.0150	0.0232	0	101	50	150			
Methylene chloride		0.0237	0.00500	0.0232	0	102	63	137			
o-Xylene		0.0230	0.00500	0.0232	0	99.0	77	125			
Styrene		0.0221	0.00500	0.0232	0	95.1	74	128			
Tetrachloroethene		0.0230	0.00500	0.0232	0	99.3	67	139			
Toluene		0.0231	0.00500	0.0232	0	99.4	71	127			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101025A

trans-1,2-Dichloroethene	0.0237	0.00500	0.0232	0	102	66	134
trans-1,3-Dichloropropene	0.0226	0.00500	0.0232	0	97.4	65	127
Trichloroethene	0.0244	0.00500	0.0232	0	105	77	124
Trichlorofluoromethane	0.0221	0.0150	0.0232	0	95.3	49	139
Vinyl chloride	0.0244	0.00500	0.0232	0	105	58	126
Surr: 1,2-Dichloroethane-d4	46.2		50.00		92.5	52	149
Surr: 4-Bromofluorobenzene	49.6		50.00		99.2	84	118
Surr: Dibromofluoromethane	49.2		50.00		98.4	65	135
Surr: Toluene-d8	48.6		50.00		97.1	84	116

Sample ID:	MB-43565	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS1_101025A	Analysis Date:	10/25/10 12:18 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101025A

Isopropylbenzene	<0.00100	0.00500				
m,p-Xylene	<0.00100	0.00500				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.00100	0.00500				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00500	0.00500				
o-Xylene	<0.00100	0.00500				
Styrene	<0.00100	0.00500				
Tetrachloroethene	<0.00100	0.00500				
Toluene	<0.00100	0.00500				
trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	47.0		50.00	94.1	52	149
Surr: 4-Bromofluorobenzene	50.5		50.00	101	84	118
Surr: Dibromofluoromethane	48.5		50.00	97.0	65	135
Surr: Toluene-d8	48.2		50.00	96.5	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101025A

Sample ID:	ICV-101025	Batch ID:	R51956	TestNo:	SW8260B	Units:	mg/Kg
SampType:	ICV	Run ID:	GCMS1_101025A	Analysis Date:	10/25/10 10:28 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0437	0.00500	0.0464	0	94.2	70	130			
1,1,2,2-Tetrachloroethane	0.0380	0.00500	0.0464	0	81.9	70	130			
1,1,2-Trichloroethane	0.0463	0.00500	0.0464	0	99.8	70	130			
1,1,2-Trichlorotrifluoroethane	0.0468	0.0150	0.0464	0	101	70	130			
1,1-Dichloroethane	0.0461	0.00500	0.0464	0	99.4	70	130			
1,1-Dichloroethene	0.0484	0.00500	0.0464	0	104	80	120			
1,2,4-Trichlorobenzene	0.0439	0.00500	0.0464	0	94.6	70	130			
1,2-Dibromo-3-chloropropane	0.0423	0.00500	0.0464	0	91.2	70	130			
1,2-Dibromoethane	0.0440	0.00500	0.0464	0	94.9	70	130			
1,2-Dichlorobenzene	0.0436	0.00500	0.0464	0	94.0	70	130			
1,2-Dichloroethane	0.0418	0.00500	0.0464	0	90.2	70	130			
1,2-Dichloropropane	0.0461	0.00500	0.0464	0	99.4	80	120			
1,3-Dichlorobenzene	0.0442	0.00500	0.0464	0	95.3	70	130			
1,4-Dichlorobenzene	0.0445	0.00500	0.0464	0	95.9	70	130			
2-Butanone	0.118	0.0150	0.116	0	101	70	130			
2-Hexanone	0.110	0.0150	0.116	0	95.2	70	130			
4-Methyl-2-pentanone	0.112	0.0150	0.116	0	96.2	70	130			
Acetone	0.110	0.0500	0.116	0	94.7	70	130			
Benzene	0.0461	0.00500	0.0464	0	99.3	70	130			
Bromodichloromethane	0.0439	0.00500	0.0464	0	94.5	70	130			
Bromoform	0.0412	0.00500	0.0464	0	88.8	70	130			
Bromomethane	0.0475	0.00500	0.0464	0	102	70	130			
Carbon disulfide	0.0445	0.00500	0.0464	0	96.0	70	130			
Carbon tetrachloride	0.0428	0.00500	0.0464	0	92.2	70	130			
Chlorobenzene	0.0444	0.00500	0.0464	0	95.6	70	130			
Chloroethane	0.0483	0.00500	0.0464	0	104	70	130			
Chloroform	0.0439	0.00500	0.0464	0	94.5	80	120			
Chloromethane	0.0460	0.00500	0.0464	0	99.1	70	130			
cis-1,2-Dichloroethene	0.0470	0.00500	0.0464	0	101	70	130			
cis-1,3-Dichloropropene	0.0466	0.00500	0.0464	0	100	70	130			
Cyclohexane	0.0468	0.0150	0.0464	0	101	70	130			N
Dibromochloromethane	0.0426	0.00500	0.0464	0	91.7	70	130			
Dichlorodifluoromethane	0.0419	0.00500	0.0464	0	90.4	70	130			
Ethylbenzene	0.0446	0.00500	0.0464	0	96.2	80	120			
Isopropylbenzene	0.0438	0.00500	0.0464	0	94.5	70	130			
m,p-Xylene	0.0906	0.00500	0.0928	0	97.6	70	130			
Methyl Acetate	0.0448	0.0150	0.0464	0	96.4	70	130			
Methyl tert-butyl ether	0.0467	0.00500	0.0464	0	101	70	130			
Methylcyclohexane	0.0467	0.0150	0.0464	0	101	70	130			
Methylene chloride	0.0476	0.00500	0.0464	0	103	70	130			
o-Xylene	0.0452	0.00500	0.0464	0	97.3	70	130			
Styrene	0.0435	0.00500	0.0464	0	93.7	70	130			
Tetrachloroethene	0.0453	0.00500	0.0464	0	97.7	70	130			
Toluene	0.0456	0.00500	0.0464	0	98.2	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101025A

trans-1,2-Dichloroethene	0.0476	0.00500	0.0464	0	103	70	130
trans-1,3-Dichloropropene	0.0446	0.00500	0.0464	0	96.1	70	130
Trichloroethene	0.0487	0.00500	0.0464	0	105	70	130
Trichlorofluoromethane	0.0445	0.0150	0.0464	0	95.9	70	130
Vinyl chloride	0.0467	0.00500	0.0464	0	101	80	120
Surr: 1,2-Dichloroethane-d4	46.1		50.00		92.1	52	149
Surr: 4-Bromofluorobenzene	49.5		50.00		99.0	84	118
Surr: Dibromofluoromethane	49.1		50.00		98.2	65	135
Surr: Toluene-d8	48.6		50.00		97.2	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

Sample ID:	SYS BL-43565	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS1_101026B	Analysis Date:	10/26/10 04:26 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
o-Xylene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	40.6		50.00	81.3	52	149
Surr: 4-Bromofluorobenzene	51.9		50.00	104	84	118
Surr: Dibromofluoromethane	42.8		50.00	85.6	65	135
Surr: Toluene-d8	49.0		50.00	98.0	84	116

Sample ID:	1010173-10AMS	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MS	Run ID:	GCMS1_101026B	Analysis Date:	10/26/10 06:35 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0160	0.00483	0.0224	0	71.6	68	130			
1,1,2,2-Tetrachloroethane	0.0200	0.00483	0.0224	0	89.5	59	140			
1,1,2-Trichloroethane	0.0220	0.00483	0.0224	0	98.1	62	127			
1,1,2-Trichlorotrifluoroethane	0.0137	0.0145	0.0224	0	61.3	57	135			
1,1-Dichloroethane	0.0195	0.00483	0.0224	0	87.0	73	125			
1,1-Dichloroethene	0.0151	0.00483	0.0224	0	67.5	65	136			
1,2,4-Trichlorobenzene	0.0176	0.00483	0.0224	0	78.4	65	131			
1,2-Dibromo-3-chloropropane	0.0212	0.00483	0.0224	0	94.7	49	135			
1,2-Dibromoethane	0.0193	0.00483	0.0224	0	86.2	70	124			
1,2-Dichlorobenzene	0.0188	0.00483	0.0224	0	83.8	74	120			
1,2-Dichloroethane	0.0173	0.00483	0.0224	0	77.1	72	137			
1,2-Dichloropropane	0.0206	0.00483	0.0224	0	92.2	71	120			
1,3-Dichlorobenzene	0.0186	0.00483	0.0224	0	83.1	72	124			
1,4-Dichlorobenzene	0.0187	0.00483	0.0224	0	83.3	72	125			
2-Butanone	0.0698	0.0145	0.0560	0	125	60	135			
2-Hexanone	0.0665	0.0145	0.0560	0	119	50	150			
4-Methyl-2-pentanone	0.0660	0.0145	0.0560	0	118	60	135			
Acetone	0.0663	0.0483	0.0560	0	118	40	141			
Benzene	0.0207	0.00483	0.0224	0	92.5	73	126			
Bromodichloromethane	0.0163	0.00483	0.0224	0	72.9	72	128			
Bromoform	0.0166	0.00483	0.0224	0	74.3	66	137			
Bromomethane	0.0154	0.00483	0.0224	0	68.8	45	141			
Carbon disulfide	0.0144	0.00483	0.0224	0	64.1	50	150			
Carbon tetrachloride	0.0151	0.00483	0.0224	0	67.4	67	133			
Chlorobenzene	0.0187	0.00483	0.0224	0	83.7	75	123			
Chloroethane	0.0169	0.00483	0.0224	0	75.3	41	141			
Chloroform	0.0172	0.00483	0.0224	0	76.6	72	124			
Chloromethane	0.0219	0.00483	0.0224	0	97.8	51	129			
cis-1,2-Dichloroethene	0.0194	0.00483	0.0224	0	86.7	67	125			
cis-1,3-Dichloropropene	0.0190	0.00483	0.0224	0	84.7	72	126			
Cyclohexane	0.0211	0.0145	0.0224	0	94.3	40	158			N
Dibromochloromethane	0.0158	0.00483	0.0224	0	70.4	66	130			
Dichlorodifluoromethane	0.0163	0.00483	0.0224	0	72.8	34	136			
Ethylbenzene	0.0193	0.00483	0.0224	0	86.2	74	127			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

Isopropylbenzene	0.0184	0.00483	0.0224	0	81.9	77	129
m,p-Xylene	0.0383	0.00483	0.0448	0	85.5	79	126
Methyl Acetate	0.0249	0.0145	0.0224	0	111	50	150
Methyl tert-butyl ether	0.0194	0.00483	0.0224	0	86.6	50	135
Methylcyclohexane	0.0213	0.0145	0.0224	0	95.0	50	150
Methylene chloride	0.0163	0.00483	0.0224	0	72.8	63	137
o-Xylene	0.0190	0.00483	0.0224	0	85.0	77	125
Styrene	0.0181	0.00483	0.0224	0	80.9	74	128
Tetrachloroethene	0.0177	0.00483	0.0224	0	79.1	67	139
Toluene	0.0206	0.00483	0.0224	0	91.8	71	127
trans-1,2-Dichloroethene	0.0189	0.00483	0.0224	0	84.5	66	134
trans-1,3-Dichloropropene	0.0184	0.00483	0.0224	0	82.1	65	127
Trichloroethene	0.0205	0.00483	0.0224	0	91.4	77	124
Trichlorofluoromethane	0.0127	0.0145	0.0224	0	56.6	49	139
Vinyl chloride	0.0182	0.00483	0.0224	0	81.2	58	126
Surr: 1,2-Dichloroethane-d4	45.0		48.27		93.3	52	149
Surr: 4-Bromofluorobenzene	48.2		48.27		99.8	84	118
Surr: Dibromofluoromethane	42.6		48.27		88.3	65	135
Surr: Toluene-d8	47.5		48.27		98.3	84	116

Sample ID:	1010173-10AMSD	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg-dry
SampType:	MSD	Run ID:	GCMS1_101026B	Analysis Date:	10/26/10 07:08 PM	Prep Date:	10/25/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0165	0.00503	0.0234	0	70.6	68	130	2.82	30	
1,1,2,2-Tetrachloroethane	0.0195	0.00503	0.0234	0	83.6	59	140	2.61	30	
1,1,2-Trichloroethane	0.0220	0.00503	0.0234	0	94.3	62	127	0.270	30	
1,1,2-Trichlorotrifluoroethane	0.0144	0.0151	0.0234	0	61.7	57	135	4.84	30	
1,1-Dichloroethane	0.0195	0.00503	0.0234	0	83.4	73	125	0.014	30	
1,1-Dichloroethene	0.0156	0.00503	0.0234	0	67.0	65	136	3.51	30	
1,2,4-Trichlorobenzene	0.0181	0.00503	0.0234	0	77.6	65	131	3.22	30	
1,2-Dibromo-3-chloropropane	0.0213	0.00503	0.0234	0	91.0	49	135	0.223	30	
1,2-Dibromoethane	0.0202	0.00503	0.0234	0	86.4	70	124	4.41	30	
1,2-Dichlorobenzene	0.0197	0.00503	0.0234	0	84.2	74	120	4.68	30	
1,2-Dichloroethane	0.0170	0.00503	0.0234	0	73.0	72	137	1.24	30	
1,2-Dichloropropane	0.0211	0.00503	0.0234	0	90.5	71	120	2.37	30	
1,3-Dichlorobenzene	0.0193	0.00503	0.0234	0	82.7	72	124	3.69	30	
1,4-Dichlorobenzene	0.0194	0.00503	0.0234	0	83.2	72	125	4.11	30	
2-Butanone	0.0673	0.0151	0.0584	0	115	60	135	3.68	30	
2-Hexanone	0.0673	0.0151	0.0584	0	115	50	150	1.24	30	
4-Methyl-2-pentanone	0.0683	0.0151	0.0584	0	117	60	135	3.45	30	
Acetone	0.0679	0.0503	0.0584	0	116	40	141	2.36	30	
Benzene	0.0210	0.00503	0.0234	0	89.8	73	126	1.19	30	
Bromodichloromethane	0.0169	0.00503	0.0234	0	72.4	72	128	3.44	30	
Bromoform	0.0176	0.00503	0.0234	0	75.5	66	137	5.88	30	
Bromomethane	0.0160	0.00503	0.0234	0	68.6	45	141	3.90	30	
Carbon disulfide	0.0150	0.00503	0.0234	0	64.1	50	150	4.15	30	
Carbon tetrachloride	0.0152	0.00503	0.0234	0	64.9	67	133	0.433	30	S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

Chlorobenzene	0.0198	0.00503	0.0234	0	84.9	75	123	5.59	30	
Chloroethane	0.0170	0.00503	0.0234	0	73.0	41	141	1.07	30	
Chloroform	0.0176	0.00503	0.0234	0	75.4	72	124	2.63	30	
Chloromethane	0.0211	0.00503	0.0234	0	90.5	51	129	3.57	30	
cis-1,2-Dichloroethene	0.0199	0.00503	0.0234	0	85.2	67	125	2.41	30	
cis-1,3-Dichloropropene	0.0193	0.00503	0.0234	0	82.5	72	126	1.58	30	
Cyclohexane	0.0213	0.0151	0.0234	0	91.2	40	158	0.869	30	N
Dibromochloromethane	0.0169	0.00503	0.0234	0	72.4	66	130	6.93	30	
Dichlorodifluoromethane	0.0165	0.00503	0.0234	0	70.4	34	136	0.845	30	
Ethylbenzene	0.0204	0.00503	0.0234	0	87.4	74	127	5.55	30	
Isopropylbenzene	0.0192	0.00503	0.0234	0	82.1	77	129	4.37	30	
m,p-Xylene	0.0404	0.00503	0.0467	0	86.5	79	126	5.42	30	
Methyl Acetate	0.0244	0.0151	0.0234	0	104	50	150	1.91	30	
Methyl tert-butyl ether	0.0195	0.00503	0.0234	0	83.5	50	135	0.615	30	
Methylcyclohexane	0.0217	0.0151	0.0234	0	92.9	50	150	1.97	30	
Methylene chloride	0.0179	0.00503	0.0234	0	76.7	63	137	9.46	30	
o-Xylene	0.0200	0.00503	0.0234	0	85.7	77	125	5.02	30	
Styrene	0.0191	0.00503	0.0234	0	81.6	74	128	5.17	30	
Tetrachloroethene	0.0189	0.00503	0.0234	0	80.7	67	139	6.32	30	
Toluene	0.0210	0.00503	0.0234	0	90.1	71	127	2.37	30	
trans-1,2-Dichloroethene	0.0196	0.00503	0.0234	0	84.1	66	134	3.75	30	
trans-1,3-Dichloropropene	0.0190	0.00503	0.0234	0	81.2	65	127	3.11	30	
Trichloroethene	0.0219	0.00503	0.0234	0	93.9	77	124	6.86	30	
Trichlorofluoromethane	0.0131	0.0151	0.0234	0	56.1	49	139	3.37	30	
Vinyl chloride	0.0168	0.00503	0.0234	0	71.7	58	126	8.15	30	
Surr: 1,2-Dichloroethane-d4	44.3		50.35		88.0	52	149	0	0	
Surr: 4-Bromofluorobenzene	50.6		50.35		101	84	118	0	0	
Surr: Dibromofluoromethane	43.4		50.35		86.2	65	135	0	0	
Surr: Toluene-d8	49.2		50.35		97.8	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

Sample ID:	ICV-101026	Batch ID:	R51987		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS1_101026B		Analysis Date:		10/26/10 02:38 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0396	0.00500	0.0464	0	85.4	70	130			
1,1,2,2-Tetrachloroethane		0.0385	0.00500	0.0464	0	83.0	70	130			
1,1,2-Trichloroethane		0.0475	0.00500	0.0464	0	102	70	130			
1,1,2-Trichlorotrifluoroethane		0.0411	0.0150	0.0464	0	88.6	70	130			
1,1-Dichloroethane		0.0458	0.00500	0.0464	0	98.7	70	130			
1,1-Dichloroethene		0.0465	0.00500	0.0464	0	100	80	120			
1,2,4-Trichlorobenzene		0.0402	0.00500	0.0464	0	86.7	70	130			
1,2-Dibromo-3-chloropropane		0.0389	0.00500	0.0464	0	83.9	70	130			
1,2-Dibromoethane		0.0423	0.00500	0.0464	0	91.1	70	130			
1,2-Dichlorobenzene		0.0441	0.00500	0.0464	0	95.0	70	130			
1,2-Dichloroethane		0.0396	0.00500	0.0464	0	85.3	70	130			
1,2-Dichloropropane		0.0481	0.00500	0.0464	0	104	80	120			
1,3-Dichlorobenzene		0.0454	0.00500	0.0464	0	97.8	70	130			
1,4-Dichlorobenzene		0.0454	0.00500	0.0464	0	97.9	70	130			
2-Butanone		0.122	0.0150	0.116	0	105	70	130			
2-Hexanone		0.109	0.0150	0.116	0	94.0	70	130			
4-Methyl-2-pentanone		0.121	0.0150	0.116	0	104	70	130			
Acetone		0.122	0.0500	0.116	0	105	70	130			
Benzene		0.0486	0.00500	0.0464	0	105	70	130			
Bromodichloromethane		0.0394	0.00500	0.0464	0	84.8	70	130			
Bromoform		0.0378	0.00500	0.0464	0	81.4	70	130			
Bromomethane		0.0449	0.00500	0.0464	0	96.8	70	130			
Carbon disulfide		0.0450	0.00500	0.0464	0	97.1	70	130			
Carbon tetrachloride		0.0372	0.00500	0.0464	0	80.1	70	130			
Chlorobenzene		0.0463	0.00500	0.0464	0	99.8	70	130			
Chloroethane		0.0488	0.00500	0.0464	0	105	70	130			
Chloroform		0.0408	0.00500	0.0464	0	87.9	80	120			
Chloromethane		0.0464	0.00500	0.0464	0	100	70	130			
cis-1,2-Dichloroethene		0.0459	0.00500	0.0464	0	98.9	70	130			
cis-1,3-Dichloropropene		0.0445	0.00500	0.0464	0	95.9	70	130			
Cyclohexane		0.0483	0.0150	0.0464	0	104	70	130			N
Dibromochloromethane		0.0384	0.00500	0.0464	0	82.7	70	130			
Dichlorodifluoromethane		0.0332	0.00500	0.0464	0	71.5	70	130			
Ethylbenzene		0.0477	0.00500	0.0464	0	103	80	120			
Isopropylbenzene		0.0461	0.00500	0.0464	0	99.4	70	130			
m,p-Xylene		0.0949	0.00500	0.0928	0	102	70	130			
Methyl Acetate		0.0467	0.0150	0.0464	0	101	70	130			
Methyl tert-butyl ether		0.0425	0.00500	0.0464	0	91.6	70	130			
Methylcyclohexane		0.0498	0.0150	0.0464	0	107	70	130			
Methylene chloride		0.0433	0.00500	0.0464	0	93.4	70	130			
o-Xylene		0.0462	0.00500	0.0464	0	99.5	70	130			
Styrene		0.0452	0.00500	0.0464	0	97.3	70	130			
Tetrachloroethene		0.0442	0.00500	0.0464	0	95.3	70	130			
Toluene		0.0484	0.00500	0.0464	0	104	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101026B

trans-1,2-Dichloroethene	0.0466	0.00500	0.0464	0	100	70	130
trans-1,3-Dichloropropene	0.0420	0.00500	0.0464	0	90.5	70	130
Trichloroethene	0.0487	0.00500	0.0464	0	105	70	130
Trichlorofluoromethane	0.0349	0.0150	0.0464	0	75.3	70	130
Vinyl chloride	0.0456	0.00500	0.0464	0	98.3	80	120
Surr: 1,2-Dichloroethane-d4	41.0		50.00		82.0	52	149
Surr: 4-Bromofluorobenzene	50.8		50.00		102	84	118
Surr: Dibromofluoromethane	43.3		50.00		86.6	65	135
Surr: Toluene-d8	50.2		50.00		100	84	116

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101027A

Sample ID:	SYS BL-43565	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS1_101027A	Analysis Date:	10/27/10 02:11 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
o-Xylene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101027A

trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	37.4		50.00	74.9	52	149
Surr: 4-Bromofluorobenzene	48.0		50.00	96.1	84	118
Surr: Dibromofluoromethane	43.0		50.00	86.0	65	135
Surr: Toluene-d8	49.4		50.00	98.8	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101027A

Sample ID:	ICV-101027	Batch ID:	R51994		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS1_101027A		Analysis Date:		10/27/10 12:07 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0387	0.00500	0.0464	0	83.4	70	130			
1,1,2,2-Tetrachloroethane		0.0383	0.00500	0.0464	0	82.6	70	130			
1,1,2-Trichloroethane		0.0461	0.00500	0.0464	0	99.4	70	130			
1,1,2-Trichlorotrifluoroethane		0.0465	0.0150	0.0464	0	100	70	130			
1,1-Dichloroethane		0.0466	0.00500	0.0464	0	100	70	130			
1,1-Dichloroethene		0.0525	0.00500	0.0464	0	113	80	120			
1,2,4-Trichlorobenzene		0.0411	0.00500	0.0464	0	88.5	70	130			
1,2-Dibromo-3-chloropropane		0.0359	0.00500	0.0464	0	77.3	70	130			
1,2-Dibromoethane		0.0428	0.00500	0.0464	0	92.2	70	130			
1,2-Dichlorobenzene		0.0433	0.00500	0.0464	0	93.3	70	130			
1,2-Dichloroethane		0.0355	0.00500	0.0464	0	76.6	70	130			
1,2-Dichloropropane		0.0492	0.00500	0.0464	0	106	80	120			
1,3-Dichlorobenzene		0.0450	0.00500	0.0464	0	96.9	70	130			
1,4-Dichlorobenzene		0.0451	0.00500	0.0464	0	97.2	70	130			
2-Butanone		0.122	0.0150	0.116	0	105	70	130			
2-Hexanone		0.104	0.0150	0.116	0	89.8	70	130			
4-Methyl-2-pentanone		0.113	0.0150	0.116	0	97.5	70	130			
Acetone		0.121	0.0500	0.116	0	104	70	130			
Benzene		0.0497	0.00500	0.0464	0	107	70	130			
Bromodichloromethane		0.0386	0.00500	0.0464	0	83.1	70	130			
Bromoform		0.0384	0.00500	0.0464	0	82.7	70	130			
Bromomethane		0.0503	0.00500	0.0464	0	108	70	130			
Carbon disulfide		0.0511	0.00500	0.0464	0	110	70	130			
Carbon tetrachloride		0.0366	0.00500	0.0464	0	79.0	70	130			
Chlorobenzene		0.0454	0.00500	0.0464	0	97.8	70	130			
Chloroethane		0.0560	0.00500	0.0464	0	121	70	130			
Chloroform		0.0408	0.00500	0.0464	0	87.8	80	120			
Chloromethane		0.0541	0.00500	0.0464	0	117	70	130			
cis-1,2-Dichloroethene		0.0484	0.00500	0.0464	0	104	70	130			
cis-1,3-Dichloropropene		0.0450	0.00500	0.0464	0	96.9	70	130			
Cyclohexane		0.0512	0.0150	0.0464	0	110	70	130			N
Dibromochloromethane		0.0381	0.00500	0.0464	0	82.1	70	130			
Dichlorodifluoromethane		0.0393	0.00500	0.0464	0	84.7	70	130			
Ethylbenzene		0.0467	0.00500	0.0464	0	101	80	120			
Isopropylbenzene		0.0441	0.00500	0.0464	0	95.0	70	130			
m,p-Xylene		0.0945	0.00500	0.0928	0	102	70	130			
Methyl Acetate		0.0458	0.0150	0.0464	0	98.6	70	130			
Methyl tert-butyl ether		0.0433	0.00500	0.0464	0	93.2	70	130			
Methylcyclohexane		0.0485	0.0150	0.0464	0	105	70	130			
Methylene chloride		0.0474	0.00500	0.0464	0	102	70	130			
o-Xylene		0.0462	0.00500	0.0464	0	99.5	70	130			
Styrene		0.0447	0.00500	0.0464	0	96.4	70	130			
Tetrachloroethene		0.0452	0.00500	0.0464	0	97.3	70	130			
Toluene		0.0488	0.00500	0.0464	0	105	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101027A

trans-1,2-Dichloroethene	0.0493	0.00500	0.0464	0	106	70	130
trans-1,3-Dichloropropene	0.0416	0.00500	0.0464	0	89.6	70	130
Trichloroethene	0.0500	0.00500	0.0464	0	108	70	130
Trichlorofluoromethane	0.0373	0.0150	0.0464	0	80.3	70	130
Vinyl chloride	0.0522	0.00500	0.0464	0	112	80	120
Surr: 1,2-Dichloroethane-d4	38.2		50.00		76.3	52	149
Surr: 4-Bromofluorobenzene	47.0		50.00		93.9	84	118
Surr: Dibromofluoromethane	43.0		50.00		86.1	65	135
Surr: Toluene-d8	48.9		50.00		97.8	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101029A

Sample ID:	SYS BL-43565	Batch ID:	43565	TestNo:	SW8260B	Units:	mg/Kg
SampType:	MBLK	Run ID:	GCMS1_101029A	Analysis Date:	10/29/10 04:10 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00100	0.00500								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
o-Xylene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101029A

trans-1,2-Dichloroethene	<0.00100	0.00500				
trans-1,3-Dichloropropene	<0.00100	0.00500				
Trichloroethene	<0.00100	0.00500				
Trichlorofluoromethane	<0.00500	0.0150				
Vinyl chloride	<0.00100	0.00500				
Surr: 1,2-Dichloroethane-d4	38.6		50.00	77.3	52	149
Surr: 4-Bromofluorobenzene	48.5		50.00	97.0	84	118
Surr: Dibromofluoromethane	44.4		50.00	88.7	65	135
Surr: Toluene-d8	48.6		50.00	97.1	84	116

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101029A

Sample ID:	ICV-101029	Batch ID:	R52041		TestNo:		SW8260B		Units:		mg/Kg
SampType:	ICV	Run ID:	GCMS1_101029A		Analysis Date:		10/29/10 02:13 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0397	0.00500	0.0464	0	85.5	70	130			
1,1,2,2-Tetrachloroethane		0.0420	0.00500	0.0464	0	90.5	70	130			
1,1,2-Trichloroethane		0.0459	0.00500	0.0464	0	98.9	70	130			
1,1,2-Trichlorotrifluoroethane		0.0462	0.0150	0.0464	0	99.6	70	130			
1,1-Dichloroethane		0.0476	0.00500	0.0464	0	103	70	130			
1,1-Dichloroethene		0.0522	0.00500	0.0464	0	113	80	120			
1,2,4-Trichlorobenzene		0.0418	0.00500	0.0464	0	90.1	70	130			
1,2-Dibromo-3-chloropropane		0.0380	0.00500	0.0464	0	81.8	70	130			
1,2-Dibromoethane		0.0426	0.00500	0.0464	0	91.8	70	130			
1,2-Dichlorobenzene		0.0444	0.00500	0.0464	0	95.6	70	130			
1,2-Dichloroethane		0.0365	0.00500	0.0464	0	78.6	70	130			
1,2-Dichloropropane		0.0496	0.00500	0.0464	0	107	80	120			
1,3-Dichlorobenzene		0.0458	0.00500	0.0464	0	98.8	70	130			
1,4-Dichlorobenzene		0.0462	0.00500	0.0464	0	99.6	70	130			
2-Butanone		0.125	0.0150	0.116	0	108	70	130			
2-Hexanone		0.106	0.0150	0.116	0	91.1	70	130			
4-Methyl-2-pentanone		0.116	0.0150	0.116	0	99.9	70	130			
Acetone		0.130	0.0500	0.116	0	112	70	130			
Benzene		0.0503	0.00500	0.0464	0	108	70	130			
Bromodichloromethane		0.0400	0.00500	0.0464	0	86.3	70	130			
Bromoform		0.0387	0.00500	0.0464	0	83.4	70	130			
Bromomethane		0.0506	0.00500	0.0464	0	109	70	130			
Carbon disulfide		0.0517	0.00500	0.0464	0	111	70	130			
Carbon tetrachloride		0.0375	0.00500	0.0464	0	80.8	70	130			
Chlorobenzene		0.0462	0.00500	0.0464	0	99.6	70	130			
Chloroethane		0.0542	0.00500	0.0464	0	117	70	130			
Chloroform		0.0421	0.00500	0.0464	0	90.6	80	120			
Chloromethane		0.0551	0.00500	0.0464	0	119	70	130			
cis-1,2-Dichloroethene		0.0491	0.00500	0.0464	0	106	70	130			
cis-1,3-Dichloropropene		0.0461	0.00500	0.0464	0	99.4	70	130			
Cyclohexane		0.0510	0.0150	0.0464	0	110	70	130			N
Dibromochloromethane		0.0395	0.00500	0.0464	0	85.0	70	130			
Dichlorodifluoromethane		0.0364	0.00500	0.0464	0	78.4	70	130			
Ethylbenzene		0.0472	0.00500	0.0464	0	102	80	120			
Isopropylbenzene		0.0441	0.00500	0.0464	0	95.0	70	130			
m,p-Xylene		0.0946	0.00500	0.0928	0	102	70	130			
Methyl Acetate		0.0485	0.0150	0.0464	0	104	70	130			
Methyl tert-butyl ether		0.0429	0.00500	0.0464	0	92.5	70	130			
Methylcyclohexane		0.0491	0.0150	0.0464	0	106	70	130			
Methylene chloride		0.0497	0.00500	0.0464	0	107	70	130			
o-Xylene		0.0465	0.00500	0.0464	0	100	70	130			
Styrene		0.0444	0.00500	0.0464	0	95.8	70	130			
Tetrachloroethene		0.0463	0.00500	0.0464	0	99.7	70	130			
Toluene		0.0491	0.00500	0.0464	0	106	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_101029A

trans-1,2-Dichloroethene	0.0499	0.00500	0.0464	0	108	70	130
trans-1,3-Dichloropropene	0.0428	0.00500	0.0464	0	92.1	70	130
Trichloroethene	0.0525	0.00500	0.0464	0	113	70	130
Trichlorofluoromethane	0.0365	0.0150	0.0464	0	78.6	70	130
Vinyl chloride	0.0523	0.00500	0.0464	0	113	80	120
Surr: 1,2-Dichloroethane-d4	38.2		50.00		76.5	52	149
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	84	118
Surr: Dibromofluoromethane	45.0		50.00		90.1	65	135
Surr: Toluene-d8	48.5		50.00		97.1	84	116

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

Sample ID:	LCS-43600	Batch ID:	43600		TestNo:		SW8260B		Units:		mg/L
SampType:	LCS	Run ID:	GCMS7_101027B		Analysis Date:		10/27/10 01:49 PM		Prep Date:		10/27/10
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0219	0.00100	0.0232	0	94.4	67	132			
1,1,2,2-Tetrachloroethane		0.0249	0.00100	0.0232	0	107	63	128			
1,1,2-Trichloroethane		0.0217	0.00100	0.0232	0	93.4	75	125			
1,1,2-Trichlorotrifluoroethane		0.0231	0.0150	0.0232	0	99.4	67	125			
1,1-Dichloroethane		0.0222	0.00100	0.0232	0	95.5	69	133			
1,1-Dichloroethene		0.0228	0.00100	0.0232	0	98.1	68	130			
1,2,4-Trichlorobenzene		0.0196	0.00500	0.0232	0	84.3	66	134			
1,2-Dibromo-3-chloropropane		0.0215	0.0100	0.0232	0	92.7	50	132			
1,2-Dibromoethane		0.0227	0.00100	0.0232	0	97.7	80	121			
1,2-Dichlorobenzene		0.0233	0.00100	0.0232	0	101	75	122			
1,2-Dichloroethane		0.0214	0.00100	0.0232	0	92.4	69	132			
1,2-Dichloropropane		0.0222	0.00100	0.0232	0	95.6	75	125			
1,3-Dichlorobenzene		0.0235	0.00100	0.0232	0	101	75	124			
1,4-Dichlorobenzene		0.0231	0.00100	0.0232	0	99.6	74	123			
2-Butanone		0.0182	0.0150	0.0232	0	78.4	49	136			
2-Hexanone		0.0201	0.0150	0.0232	0	86.4	50	150			
4-Methyl-2-pentanone		0.0204	0.0150	0.0232	0	88.1	60	134			
Acetone		0.0188	0.0150	0.0232	0	81.2	40	135			
Benzene		0.0229	0.00100	0.0232	0	98.8	81	122			
Bromodichloromethane		0.0223	0.00100	0.0232	0	95.9	76	121			
Bromoform		0.0237	0.00100	0.0232	0	102	69	128			
Bromomethane		0.0274	0.00100	0.0232	0	118	53	141			
Carbon disulfide		0.0192	0.0150	0.0232	0	82.9	50	150			
Carbon tetrachloride		0.0241	0.00100	0.0232	0	104	66	138			
Chlorobenzene		0.0231	0.00100	0.0232	0	99.6	81	122			
Chloroethane		0.0219	0.00100	0.0232	0	94.5	58	133			
Chloroform		0.0215	0.00100	0.0232	0	92.7	69	128			
Chloromethane		0.0199	0.00100	0.0232	0	85.9	56	131			
cis-1,2-Dichloroethene		0.0224	0.00100	0.0232	0	96.7	72	126			
cis-1,3-Dichloropropene		0.0234	0.00100	0.0232	0	101	69	131			
Cyclohexane		0.0233	0.0150	0.0232	0	101	40	161			N
Dibromochloromethane		0.0227	0.00100	0.0232	0	98.0	66	133			
Dichlorodifluoromethane		0.0193	0.00100	0.0232	0	83.0	53	153			
Ethylbenzene		0.0236	0.00100	0.0232	0	102	80	120			
Isopropylbenzene		0.0248	0.00100	0.0232	0	107	75	127			
m,p-Xylene		0.0486	0.00200	0.0464	0	105	80	120			
Methyl Acetate		0.0192	0.0150	0.0232	0	82.8	50	150			
Methyl tert-butyl ether		0.0205	0.00100	0.0232	0	88.4	68	123			
Methylcyclohexane		0.0208	0.0150	0.0232	0	89.6	70	130			
Methylene chloride		0.0225	0.00250	0.0232	0	96.9	63	137			
o-Xylene		0.0247	0.00100	0.0232	0	106	80	120			
Styrene		0.0240	0.00100	0.0232	0	103	65	134			
Tetrachloroethene		0.0243	0.00200	0.0232	0	105	66	128			
Toluene		0.0225	0.00200	0.0232	0	96.9	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

trans-1,2-Dichloroethene	0.0224	0.00100	0.0232	0	96.6	63	137
trans-1,3-Dichloropropene	0.0230	0.00100	0.0232	0	99.0	59	135
Trichloroethene	0.0213	0.00200	0.0232	0	91.9	70	127
Trichlorofluoromethane	0.0230	0.00100	0.0232	0	99.4	57	129
Vinyl chloride	0.0210	0.00100	0.0232	0	90.4	50	134
Surr: 1,2-Dichloroethane-d4	188		200.0		94.2	72	119
Surr: 4-Bromofluorobenzene	186		200.0		93.0	76	119
Surr: Dibromofluoromethane	192		200.0		95.9	85	115
Surr: Toluene-d8	201		200.0		100	81	120

Sample ID:	MB-43600	Batch ID:	43600	TestNo:	SW8260B	Units:	mg/L
SampType:	MBLK	Run ID:	GCMS7_101027B	Analysis Date:	10/27/10 03:04 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<0.000200	0.00100								
1,1,2,2-Tetrachloroethane	<0.000200	0.00100								
1,1,2-Trichloroethane	<0.000200	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000200	0.00100								
1,1-Dichloroethene	<0.000200	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000200	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000200	0.00100								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Hexanone	<0.00500	0.0150								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000200	0.00100								
Bromodichloromethane	<0.000200	0.00100								
Bromoform	<0.000200	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000200	0.00100								
Chlorobenzene	<0.000200	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000200	0.00100								
cis-1,3-Dichloropropene	<0.000200	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000200	0.00100								
Dichlorodifluoromethane	<0.000200	0.00100								
Ethylbenzene	<0.000300	0.00100								

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

Isopropylbenzene	<0.000200	0.00100				
m,p-Xylene	<0.000600	0.00200				
Methyl Acetate	<0.00500	0.0150				
Methyl tert-butyl ether	<0.000300	0.00100				
Methylcyclohexane	<0.00500	0.0150				
Methylene chloride	<0.00250	0.00250				
o-Xylene	<0.000300	0.00100				
Styrene	<0.000200	0.00100				
Tetrachloroethene	<0.000600	0.00200				
Toluene	<0.000600	0.00200				
trans-1,2-Dichloroethene	<0.000200	0.00100				
trans-1,3-Dichloropropene	<0.000200	0.00100				
Trichloroethene	<0.000600	0.00200				
Trichlorofluoromethane	<0.000200	0.00100				
Vinyl chloride	<0.000100	0.00100				
Surr: 1,2-Dichloroethane-d4	190		200.0	95.0	72	119
Surr: 4-Bromofluorobenzene	188		200.0	94.1	76	119
Surr: Dibromofluoromethane	190		200.0	95.1	85	115
Surr: Toluene-d8	200		200.0	100	81	120

Sample ID:	1010173-25AMS	Batch ID:	43600	TestNo:	SW8260B	Units:	mg/L
SampType:	MS	Run ID:	GCMS7_101027B	Analysis Date:	10/27/10 09:01 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0228	0.00100	0.0232	0	98.1	67	132			
1,1,2,2-Tetrachloroethane	0.0261	0.00100	0.0232	0	113	63	128			
1,1,2-Trichloroethane	0.0226	0.00100	0.0232	0	97.6	75	125			
1,1,2-Trichlorotrifluoroethane	0.0230	0.0150	0.0232	0	99.3	67	125			
1,1-Dichloroethane	0.0226	0.00100	0.0232	0	97.5	69	133			
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.2	68	130			
1,2,4-Trichlorobenzene	0.0186	0.00500	0.0232	0	80.3	66	134			
1,2-Dibromo-3-chloropropane	0.0214	0.0100	0.0232	0	92.2	50	132			
1,2-Dibromoethane	0.0230	0.00100	0.0232	0	99.3	80	121			
1,2-Dichlorobenzene	0.0233	0.00100	0.0232	0	101	75	125			
1,2-Dichloroethane	0.0230	0.00100	0.0232	0	99.2	68	132			
1,2-Dichloropropane	0.0224	0.00100	0.0232	0	96.6	75	125			
1,3-Dichlorobenzene	0.0233	0.00100	0.0232	0	100	75	124			
1,4-Dichlorobenzene	0.0232	0.00100	0.0232	0	100	74	123			
2-Butanone	0.0192	0.0150	0.0232	0	82.5	49	136			
2-Hexanone	0.0224	0.0150	0.0232	0	96.4	50	150			
4-Methyl-2-pentanone	0.0228	0.0150	0.0232	0	98.1	60	135			
Acetone	0.0233	0.0150	0.0232	0	100	40	135			
Benzene	0.0232	0.00100	0.0232	0	99.9	81	120			
Bromodichloromethane	0.0231	0.00100	0.0232	0	99.5	76	121			
Bromoform	0.0244	0.00100	0.0232	0	105	69	128			
Bromomethane	0.0257	0.00100	0.0232	0	111	53	141			
Carbon disulfide	0.0188	0.0150	0.0232	0	80.8	50	150			
Carbon tetrachloride	0.0249	0.00100	0.0232	0	107	66	138			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

Chlorobenzene	0.0232	0.00100	0.0232	0	100	81	122	
Chloroethane	0.0229	0.00100	0.0232	0	98.7	58	133	
Chloroform	0.0227	0.00100	0.0232	0	97.9	69	128	
Chloromethane	0.0201	0.00100	0.0232	0	86.4	56	131	
cis-1,2-Dichloroethene	0.0234	0.00100	0.0232	0.00028	99.6	72	126	
cis-1,3-Dichloropropene	0.0224	0.00100	0.0232	0	96.6	69	131	
Cyclohexane	0.0219	0.0150	0.0232	0	94.3	40	161	N
Dibromochloromethane	0.0231	0.00100	0.0232	0.00021	98.8	66	133	
Dichlorodifluoromethane	0.0198	0.00100	0.0232	0	85.4	53	153	
Ethylbenzene	0.0238	0.00100	0.0232	0	103	80	120	
Isopropylbenzene	0.0252	0.00100	0.0232	0	108	75	127	
m,p-Xylene	0.0489	0.00200	0.0464	0	105	80	120	
Methyl Acetate	0.0188	0.0150	0.0232	0	81.0	50	150	
Methyl tert-butyl ether	0.0215	0.00100	0.0232	0	92.6	68	123	
Methylcyclohexane	0.0206	0.0150	0.0232	0	88.6	70	130	
Methylene chloride	0.0228	0.00250	0.0232	0	98.1	63	137	
o-Xylene	0.0248	0.00100	0.0232	0	107	80	120	
Styrene	0.0199	0.00100	0.0232	0	85.9	65	134	
Tetrachloroethene	0.0261	0.00200	0.0232	0.00222	103	66	128	
Toluene	0.0230	0.00200	0.0232	0	99.1	80	120	
trans-1,2-Dichloroethene	0.0226	0.00100	0.0232	0	97.5	63	137	
trans-1,3-Dichloropropene	0.0229	0.00100	0.0232	0	98.5	59	135	
Trichloroethene	0.0220	0.00200	0.0232	0	94.9	70	127	
Trichlorofluoromethane	0.0247	0.00100	0.0232	0	107	57	129	
Vinyl chloride	0.0212	0.00100	0.0232	0	91.3	50	134	
Surr: 1,2-Dichloroethane-d4	195		200.0		97.7	72	119	
Surr: 4-Bromofluorobenzene	184		200.0		92.1	76	119	
Surr: Dibromofluoromethane	193		200.0		96.6	85	115	
Surr: Toluene-d8	198		200.0		98.8	81	120	

Sample ID:	1010173-25AMSD	Batch ID:	43600	TestNo:	SW8260B	Units:	mg/L
SampType:	MSD	Run ID:	GCMS7_101027B	Analysis Date:	10/27/10 09:27 PM	Prep Date:	10/27/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.0222	0.00100	0.0232	0	95.8	67	132	2.40	20	
1,1,2,2-Tetrachloroethane	0.0260	0.00100	0.0232	0	112	63	128	0.614	20	
1,1,2-Trichloroethane	0.0224	0.00100	0.0232	0	96.5	75	125	1.16	20	
1,1,2-Trichlorotrifluoroethane	0.0230	0.0150	0.0232	0	99.2	67	125	0.130	20	
1,1-Dichloroethane	0.0223	0.00100	0.0232	0	96.3	69	133	1.20	20	
1,1-Dichloroethene	0.0228	0.00100	0.0232	0	98.4	68	130	0.175	20	
1,2,4-Trichlorobenzene	0.0185	0.00500	0.0232	0	79.7	66	134	0.754	20	
1,2-Dibromo-3-chloropropane	0.0208	0.0100	0.0232	0	89.9	50	132	2.56	20	
1,2-Dibromoethane	0.0230	0.00100	0.0232	0	99.2	80	121	0.086	20	
1,2-Dichlorobenzene	0.0231	0.00100	0.0232	0	99.6	75	125	0.990	20	
1,2-Dichloroethane	0.0224	0.00100	0.0232	0	96.7	68	132	2.60	20	
1,2-Dichloropropane	0.0223	0.00100	0.0232	0	95.9	75	125	0.672	20	
1,3-Dichlorobenzene	0.0230	0.00100	0.0232	0	99.3	75	124	0.950	20	
1,4-Dichlorobenzene	0.0229	0.00100	0.0232	0	98.8	74	123	1.17	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

2-Butanone	0.0194	0.0150	0.0232	0	83.5	49	136	1.14	20	
2-Hexanone	0.0228	0.0150	0.0232	0	98.1	50	150	1.68	20	
4-Methyl-2-pentanone	0.0230	0.0150	0.0232	0	99.0	60	135	0.919	20	
Acetone	0.0232	0.0150	0.0232	0	100	40	135	0.129	20	
Benzene	0.0230	0.00100	0.0232	0	99.0	81	120	0.910	20	
Bromodichloromethane	0.0228	0.00100	0.0232	0	98.4	76	121	1.09	20	
Bromoform	0.0244	0.00100	0.0232	0	105	69	128	0.040	20	
Bromomethane	0.0237	0.00100	0.0232	0	102	53	141	8.18	20	
Carbon disulfide	0.0187	0.0150	0.0232	0	80.5	50	150	0.428	20	
Carbon tetrachloride	0.0246	0.00100	0.0232	0	106	66	138	1.25	20	
Chlorobenzene	0.0230	0.00100	0.0232	0	99.1	81	122	1.04	20	
Chloroethane	0.0229	0.00100	0.0232	0	98.6	58	133	0.087	20	
Chloroform	0.0224	0.00100	0.0232	0	96.5	69	128	1.46	20	
Chloromethane	0.0196	0.00100	0.0232	0	84.7	56	131	2.07	20	
cis-1,2-Dichloroethene	0.0230	0.00100	0.0232	0.00028	97.8	72	126	1.86	20	
cis-1,3-Dichloropropene	0.0225	0.00100	0.0232	0	96.8	69	131	0.267	20	
Cyclohexane	0.0227	0.0150	0.0232	0	97.7	40	161	3.55	20	N
Dibromochloromethane	0.0230	0.00100	0.0232	0.00021	98.1	66	133	0.737	20	
Dichlorodifluoromethane	0.0193	0.00100	0.0232	0	83.1	53	153	2.66	20	
Ethylbenzene	0.0234	0.00100	0.0232	0	101	80	120	1.87	20	
Isopropylbenzene	0.0248	0.00100	0.0232	0	107	75	127	1.60	20	
m,p-Xylene	0.0480	0.00200	0.0464	0	104	80	120	1.86	20	
Methyl Acetate	0.0186	0.0150	0.0232	0	80.2	50	150	1.07	20	
Methyl tert-butyl ether	0.0216	0.00100	0.0232	0	92.9	68	123	0.325	20	
Methylcyclohexane	0.0203	0.0150	0.0232	0	87.4	70	130	1.37	20	
Methylene chloride	0.0226	0.00250	0.0232	0	97.4	63	137	0.706	20	
o-Xylene	0.0245	0.00100	0.0232	0	105	80	120	1.54	20	
Styrene	0.0216	0.00100	0.0232	0	93.2	65	134	8.13	20	
Tetrachloroethene	0.0256	0.00200	0.0232	0.00222	101	66	128	1.93	20	
Toluene	0.0226	0.00200	0.0232	0	97.3	80	120	1.76	20	
trans-1,2-Dichloroethene	0.0218	0.00100	0.0232	0	93.9	63	137	3.69	20	
trans-1,3-Dichloropropene	0.0227	0.00100	0.0232	0	97.9	59	135	0.615	20	
Trichloroethene	0.0216	0.00200	0.0232	0	93.2	70	127	1.79	20	
Trichlorofluoromethane	0.0241	0.00100	0.0232	0	104	57	129	2.79	20	
Vinyl chloride	0.0209	0.00100	0.0232	0	90.0	50	134	1.43	20	
Surr: 1,2-Dichloroethane-d4	196		200.0		98.0	72	119	0	0	
Surr: 4-Bromofluorobenzene	185		200.0		92.3	76	119	0	0	
Surr: Dibromofluoromethane	195		200.0		97.5	85	115	0	0	
Surr: Toluene-d8	198		200.0		99.2	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

Sample ID:	ICV-101027	Batch ID:	R52001		TestNo:		SW8260B		Units:		mg/L
SampType:	ICV	Run ID:	GCMS7_101027B		Analysis Date:		10/27/10 01:24 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0454	0.00100	0.0464	0	97.8	70	130			
1,1,2,2-Tetrachloroethane		0.0459	0.00100	0.0464	0	98.9	70	130			
1,1,2-Trichloroethane		0.0428	0.00100	0.0464	0	92.2	70	130			
1,1,2-Trichlorotrifluoroethane		0.0452	0.0150	0.0464	0	97.3	70	130			
1,1-Dichloroethane		0.0458	0.00100	0.0464	0	98.7	70	130			
1,1-Dichloroethene		0.0451	0.00100	0.0464	0	97.2	80	120			
1,2,4-Trichlorobenzene		0.0364	0.00500	0.0464	0	78.4	70	130			
1,2-Dibromo-3-chloropropane		0.0385	0.0100	0.0464	0	83.0	70	130			
1,2-Dibromoethane		0.0461	0.00100	0.0464	0	99.4	70	130			
1,2-Dichlorobenzene		0.0476	0.00100	0.0464	0	103	70	130			
1,2-Dichloroethane		0.0431	0.00100	0.0464	0	93.0	70	130			
1,2-Dichloropropane		0.0453	0.00100	0.0464	0	97.7	70	130			
1,3-Dichlorobenzene		0.0478	0.00100	0.0464	0	103	70	130			
1,4-Dichlorobenzene		0.0467	0.00100	0.0464	0	101	70	130			
2-Butanone		0.0346	0.0150	0.0464	0	74.5	70	130			
2-Hexanone		0.0392	0.0150	0.0464	0	84.6	70	130			
4-Methyl-2-pentanone		0.0402	0.0150	0.0464	0	86.6	70	130			
Acetone		0.0383	0.0150	0.0464	0	82.6	70	130			
Benzene		0.0459	0.00100	0.0464	0	98.9	70	130			
Bromodichloromethane		0.0465	0.00100	0.0464	0	100	70	130			
Bromoform		0.0492	0.00100	0.0464	0	106	70	130			
Bromomethane		0.0508	0.00100	0.0464	0	109	70	130			
Carbon disulfide		0.0384	0.0150	0.0464	0	82.7	70	130			
Carbon tetrachloride		0.0510	0.00100	0.0464	0	110	70	130			
Chlorobenzene		0.0470	0.00100	0.0464	0	101	70	130			
Chloroethane		0.0420	0.00100	0.0464	0	90.5	70	130			
Chloroform		0.0459	0.00100	0.0464	0	98.9	80	120			
Chloromethane		0.0398	0.00100	0.0464	0	85.8	70	130			
cis-1,2-Dichloroethene		0.0468	0.00100	0.0464	0	101	70	130			
cis-1,3-Dichloropropene		0.0477	0.00100	0.0464	0	103	70	130			
Cyclohexane		0.0444	0.0150	0.0464	0	95.7	70	130			N
Dibromochloromethane		0.0481	0.00100	0.0464	0	104	70	130			
Dichlorodifluoromethane		0.0421	0.00100	0.0464	0	90.8	70	130			
Ethylbenzene		0.0482	0.00100	0.0464	0	104	80	120			
Isopropylbenzene		0.0504	0.00100	0.0464	0	109	70	130			
m,p-Xylene		0.0985	0.00200	0.0928	0	106	70	130			
Methyl Acetate		0.0395	0.0150	0.0464	0	85.1	70	130			
Methyl tert-butyl ether		0.0431	0.00100	0.0464	0	92.8	70	130			
Methylcyclohexane		0.0407	0.0150	0.0464	0	87.7	70	130			
Methylene chloride		0.0463	0.00250	0.0464	0	99.8	70	130			
o-Xylene		0.0505	0.00100	0.0464	0	109	70	130			
Styrene		0.0484	0.00100	0.0464	0	104	70	130			
Tetrachloroethene		0.0507	0.00200	0.0464	0	109	70	130			
Toluene		0.0453	0.00200	0.0464	0	97.6	80	120			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_101027B

trans-1,2-Dichloroethene	0.0457	0.00100	0.0464	0	98.4	70	130
trans-1,3-Dichloropropene	0.0462	0.00100	0.0464	0	99.7	70	130
Trichloroethene	0.0459	0.00200	0.0464	0	98.9	70	130
Trichlorofluoromethane	0.0425	0.00100	0.0464	0	91.6	70	130
Vinyl chloride	0.0434	0.00100	0.0464	0	93.5	80	120
Surr: 1,2-Dichloroethane-d4	190		200.0		94.8	72	119
Surr: 4-Bromofluorobenzene	184		200.0		92.2	76	119
Surr: Dibromofluoromethane	194		200.0		97.2	85	115
Surr: Toluene-d8	204		200.0		102	81	120

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_101029B

Sample ID:	1010190-07A-DUP	Batch ID:	43646	TestNo:	D2216	Units:	WT%
SampType:	DUP	Run ID:	PMOIST_101029B	Analysis Date:	11/01/10 10:20 AM	Prep Date:	10/29/10

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Percent Moisture	9.67	0	0	9.863				1.93	30	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

MQL SUMMARY REPORT

TestNo: TX1005 Analyte	MDL mg/Kg	MQL mg/Kg
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005 Analyte	MDL mg/L	MQL mg/L
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW8260B Analyte	MDL mg/L	MQL mg/L
1,1,1-Trichloroethane	0.000200	0.00100
1,1,2,2-Tetrachloroethane	0.000200	0.00100
1,1,2-Trichloroethane	0.000200	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000200	0.00100
1,1-Dichloroethene	0.000200	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000200	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000200	0.00100
1,3-Dichlorobenzene	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000200	0.00100
Bromodichloromethane	0.000200	0.00100
Bromoform	0.000200	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000200	0.00100
Chlorobenzene	0.000200	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000200	0.00100
cis-1,3-Dichloropropene	0.000200	0.00100
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.000200	0.00100
Dichlorodifluoromethane	0.000200	0.00100
Ethylbenzene	0.000300	0.00100
Isopropylbenzene	0.000200	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
o-Xylene	0.000300	0.00100
Styrene	0.000200	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000200	0.00100
trans-1,3-Dichloropropene	0.000200	0.00100
Trichloroethene	0.000600	0.00200
Trichlorofluoromethane	0.000200	0.00100
Vinyl chloride	0.000100	0.00100

TestNo: SW8260B Analyte	MDL mg/Kg	MQL mg/Kg
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Hexanone	0.00500	0.0150
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00100	0.00500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

CLIENT: Geo Strata Environmental Consultants
Work Order: 1010173
Project: Hillcrest CEI

MQL SUMMARY REPORT

Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
o-Xylene	0.00100	0.00500
Styrene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500

TestNo: SW8270C Analyte	MDL mg/Kg	MQL mg/Kg
Acenaphthene	0.0200	0.0500
Acenaphthylene	0.0100	0.0500
Anthracene	0.0100	0.0500
Benzo[a]anthracene	0.0200	0.0500
Benzo[a]pyrene	0.0300	0.0500
Benzo[b]fluoranthene	0.0200	0.0500
Benzo[g,h,i]perylene	0.0200	0.0500
Benzo[k]fluoranthene	0.0300	0.0500
Chrysene	0.0200	0.0500
Dibenz[a,h]anthracene	0.0200	0.0500
Fluoranthene	0.0100	0.0500
Fluorene	0.0100	0.0500
Indeno[1,2,3-cd]pyrene	0.0100	0.0500
Naphthalene	0.0100	0.0500
Phenanthrene	0.0100	0.0500
Pyrene	0.0200	0.0500

TestNo: SW8270C Analyte	MDL mg/L	MQL mg/L
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.00000500	0.0000100
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers:
MQL - Method Quantitation Limit as defined by TRRP
MDL - Method Detection Limit as defined by TRRP

ATTACHMENT C

AMENDMENTS TO LABORATORY DATA PACKAGES

November 17, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, Texas 78249

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI
Amendment Number 1 for Work Order 1010173

Dear Suzanne Green,

DHL Analytical received 29 samples on 10/23/10 for the analyses presented in the following AMENDED data report. This amendment consists of adding the "J" qualifiers to Benzene and Carbon disulfide to sample SO-SB5-01 and Acetone to sample SO-SB40-01.

There are a total of 3 pages in Amendment Number 1.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these test results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John Dupont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: 760-SL11
Lab Order: 1010173

Client Sample ID: SO-SB5-01
Lab ID: 1010173-03
Collection Date: 10/22/10 09:25 AM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	0.00110	0.00104	0.00518	J	mg/Kg-dry	1	10/27/10 12:08 AM
Bromodichloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromoform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromomethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Carbon disulfide	0.00284	0.00104	0.00518	J	mg/Kg-dry	1	10/27/10 12:08 AM
Carbon tetrachloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Cyclohexane	<0.00518	0.00518	0.0155	N	mg/Kg-dry	1	10/27/10 12:08 AM
Dibromochloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Dichlorodifluoromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Ethylbenzene	0.433	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Isopropylbenzene	0.329	0.0609	0.305		mg/Kg-dry	50	10/29/10 05:14 PM
m,p-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl Acetate	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl tert-butyl ether	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methylcyclohexane	2.30	0.305	0.914		mg/Kg-dry	50	10/29/10 05:14 PM
Methylene chloride	<0.00518	0.00518	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
o-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Styrene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Tetrachloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Toluene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichlorofluoromethane	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Vinyl chloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Surr: 1,2-Dichloroethane-d4	85.1	0	52 - 149		%REC	1	10/27/10 12:08 AM
Surr: 4-Bromofluorobenzene	422	0	84 - 118	S	%REC	1	10/27/10 12:08 AM
Surr: Dibromofluoromethane	71.6	0	65 - 135		%REC	1	10/27/10 12:08 AM
Surr: Toluene-d8	150	0	84 - 116	S	%REC	1	10/27/10 12:08 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.9	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Project No: 760-SL11
Lab Order: 1010173

Client Sample ID: SO-SB40-01
Lab ID: 1010173-08
Collection Date: 10/22/10 02:40 PM
Matrix: Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Soil		TX1005					Analyst: AV
T/R Hydrocarbons: C6-C12	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: >C12-C28	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: >C28-C35	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
T/R Hydrocarbons: C6-C35	<10.7	10.7	30.5		mg/Kg-dry	1	10/25/10 06:28 PM
Surr: Isopropylbenzene	91.5	0	70 - 130		%REC	1	10/25/10 06:28 PM
Surr: Octacosane	102	0	70 - 130		%REC	1	10/25/10 06:28 PM
PAHs: GC/MS		SW8270C					Analyst: DO
Acenaphthene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Acenaphthylene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Anthracene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[a]anthracene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[a]pyrene	<0.0403	0.0403	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[b]fluoranthene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[g,h,i]perylene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Benzo[k]fluoranthene	<0.0403	0.0403	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Chrysene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Dibenz[a,h]anthracene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Fluoranthene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Fluorene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Indeno[1,2,3-cd]pyrene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Naphthalene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Phenanthrene	<0.0134	0.0134	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Pyrene	<0.0269	0.0269	0.0672		mg/Kg-dry	1	10/28/10 09:00 PM
Surr: 2-Fluorobiphenyl	64.4	0	40 - 140		%REC	1	10/28/10 09:00 PM
Surr: 4-Terphenyl-d14	82.6	0	40 - 140		%REC	1	10/28/10 09:00 PM
Volatiles by 8260/5035 GC/MS		SW8260B					Analyst: AJR
1,1,1-Trichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2,2-Tetrachloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2-Trichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1,2-Trichlorotrifluoroethane	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
1,1-Dichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,1-Dichloroethene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2,4-Trichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dibromo-3-chloropropane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dibromoethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichloroethane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,2-Dichloropropane	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,3-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
1,4-Dichlorobenzene	<0.00139	0.00139	0.00697		mg/Kg-dry	1	10/25/10 03:01 PM
2-Butanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
2-Hexanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
4-Methyl-2-pentanone	<0.00697	0.00697	0.0209		mg/Kg-dry	1	10/25/10 03:01 PM
Acetone	0.0357	0.0209	0.0697	J	mg/Kg-dry	1	10/25/10 03:01 PM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

DHL ANALYTICAL

November 18, 2010

Suzanne Green
Geo Strata Environmental Consultants
4718 College Park
San Antonio, Texas 78249

TEL: (210) 492-2558
FAX: (210) 492-8935

RE: Hillcrest CEI
Amendment Number 2 for Work Order 1010173

Dear Suzanne Green,

DHL Analytical received 29 samples on 10/23/10 for the analyses presented in the following AMENDED data report. This amendment consists of including sample handling information to the case narrative and including volatiles surrogates to the 50X dilution of sample SO-SB5-01.

There are a total of 3 pages in Amendment Number 1. Please replace the case narrative, page 23, and page 38 for Sample SO-SB5-01 in the original report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these test results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John Dupont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-10-3

CLIENT: Geo Strata Environmental Consultants
Project: Hillcrest CEI
Lab Order: 1010173

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:
Method TX1005 - Total Petroleum Hydrocarbons
Method SW8260B - VOC by GCMS (The compound Cyclohexane is not NELAC Certified)
Method SW8270C - PAH Organics by GCMS
Method D2216 - Percent Moisture

Exception Report R1-01
Samples were received and log-in performed on 10/23/2010. A total of 31 samples were received. The samples arrived in good condition and were properly packaged. A Trip Blank was added to one of the Chains of Custody per client's request, on 10/25/2010.

Exception Report R3-08
For Volatiles Analysis, the 50X dilution of Sample SO-SB5-01 was extracted with Methanol by Method 5035. See R10-01.

Exception Report R4-02
For Volatiles Analysis, the recoveries of surrogates 4-Bromofluorobenzene and Toluene-d8 for Samples SO-SB5-01 and SO-SB5-02 were above the method control limits. These were flagged accordingly in the enclosed Analytical Data Report. The remaining surrogates for these samples were within control limits. No further corrective actions were taken.

For TPH Analysis, the recovery of surrogate Isopropylbenzene for Sample SO-SB5-02 was above the method control limits. This was flagged accordingly in the enclosed Analytical Data Report. The remaining surrogate for this sample was within control limits. No further corrective actions were taken.

Exception Report R7-01
For Volatiles, TX1005 and PAH Organics Analysis, for soils, the reference sample designated for the MS/MSD was SO-SB39-01 (1010173-10). For Volatiles, TX1005 and PAH Organics Analysis, for waters, the reference sample designated for the MS/MSD was GW-05 (1010173-25). An MS/MSD is not applicable for the Equipment Blank, Field Blank or Trip Blank.

Exception Report R7-03
For Volatiles Analysis, for batch 43565, the recovery of Carbon Tetrachloride for the Matrix Spike Duplicate (1010173-10 MSD) was slightly below the method control limits. This is flagged in the QC Summary Report. This compound is within control limits in the associated LCS. The reference sample selected for this MS/MSD was from this workorder. No further corrective action was taken.

Exception Report R10-01
For Volatiles Analysis, the final soil plug, for Sample SO-SB5-01, was compromised in the laboratory. Approximately 5 grams of sample was taken from the 4 ounce sample jar of the same sample. The Methanol extraction was then performed and analyzed for Volatiles at a 50X dilution.

For Volatiles Analysis, Sample SO-SB5-02 was diluted due to the concentration of target analytes, unable to report from the initial 1X run.

DHL Analytical

Date: 11/18/10

CLIENT:	Geo Strata Environmental Consultants	Client Sample ID:	SO-SB5-01
Project:	Hillcrest CEI	Lab ID:	1010173-03
Project No:	760-SL11	Collection Date:	10/22/10 09:25 AM
Lab Order:	1010173	Matrix:	Soil

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
Benzene	0.00110	0.00104	0.00518	J	mg/Kg-dry	1	10/27/10 12:08 AM
Bromodichloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromoform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Bromomethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Carbon disulfide	0.00284	0.00104	0.00518	J	mg/Kg-dry	1	10/27/10 12:08 AM
Carbon tetrachloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chlorobenzene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloroform	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Chloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
cis-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Cyclohexane	<0.00518	0.00518	0.0155	N	mg/Kg-dry	1	10/27/10 12:08 AM
Dibromochloromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Dichlorodifluoromethane	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Ethylbenzene	0.433	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Isopropylbenzene	0.329	0.0609	0.305		mg/Kg-dry	50	10/29/10 05:14 PM
m,p-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl Acetate	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Methyl tert-butyl ether	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Methylcyclohexane	2.30	0.305	0.914		mg/Kg-dry	50	10/29/10 05:14 PM
Methylene chloride	<0.00518	0.00518	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
o-Xylene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Styrene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Tetrachloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Toluene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,2-Dichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
trans-1,3-Dichloropropene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichloroethene	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Trichlorofluoromethane	<0.00518	0.00518	0.0155		mg/Kg-dry	1	10/27/10 12:08 AM
Vinyl chloride	<0.00104	0.00104	0.00518		mg/Kg-dry	1	10/27/10 12:08 AM
Surr: 1,2-Dichloroethane-d4	85.1	0	52 - 149		%REC	1	10/27/10 12:08 AM
Surr: 1,2-Dichloroethane-d4	77.8	0	52 - 149		%REC	50	10/29/10 05:14 PM
Surr: 4-Bromofluorobenzene	422	0	84 - 118	S	%REC	1	10/27/10 12:08 AM
Surr: 4-Bromofluorobenzene	107	0	84 - 118		%REC	50	10/29/10 05:14 PM
Surr: Dibromofluoromethane	71.6	0	65 - 135		%REC	1	10/27/10 12:08 AM
Surr: Dibromofluoromethane	88.3	0	65 - 135		%REC	50	10/29/10 05:14 PM
Surr: Toluene-d8	98.2	0	84 - 116		%REC	50	10/29/10 05:14 PM
Surr: Toluene-d8	150	0	84 - 116	S	%REC	1	10/27/10 12:08 AM
Percent Moisture		**D2216**					**Analyst: AA**
Percent Moisture	17.9	0	0		WT%	1	11/01/10 10:20 AM

Qualifiers:

	See Final Page of Report for MQLs and MDLs	J	Analyte detected between SDL and RL
B	Analyte detected in the associated Method Blank	N	Parameter not NELAC certified
C	Sample Result or QC discussed in the Case Narrative	ND	Not Detected at the SDL
DF	Dilution Factor	RL	Reporting Limit (MQL adjusted for moisture and sample size)
E	TPH pattern not Gas or Diesel Range Pattern	S	Spike Recovery outside control limits
		SDL	Sample Detection Limit

ATTACHMENT D

FIELD NOTES

Location NCEI Date 10.18.10

Project / Client Monday

Sunny 80's

0639 Travel to Site

0705 on-site 2580030

On-site -

Cheri Kriegs - Geo Strats

Pete Schrs

Corpus Christi Gas - Jeff Jones

" " Gas Paul Fuchs

Omar Valdez - TCEQ

Mike Case - TCEQ

Robert Green - Geo Strats

Joel Jones - X Ray

Robert McLam - X Ray

Roger Farris - OSIC Locating

Joe Lopez - Vortex

Marcos Lopez - Vortex

Martin Casarez - Vortex

Ralph M Vortex

Robert Jones Vortex

0730 Conducted H&S Briefing at school meeting site

mobilize to decon area + set up decon pad

Location NCEI Date 10.18.10 (cont)

Project / Client

Note all samples mentioned on this page are collected by Cheri Kriegs

1030 MW-6 - set up at MW-6

1108 photo (1) looking west toward MW-6

photo (2) looking North toward MW-6

Decontaminated shovel with DI + isopanol prior to start

two soil samples collected from this monitoring well 01 + 02

sample SOMW-6 01 collected at

1118 0.5-2.5 feet bsg, in a silty clay, medium stiff + light greyish brown

OVM reading = 9 ppm

Sample SOMW-6 02 collected at

1126, 12.5-15 ft interval in a sandy clayey interval, light greyish brown

VOC samples collected with Encore sampler, TPH collected with plunger method + PAH collected into 4oz jars

Well set to 25'-22.5 screen

2.5 ft riser = ground to 2.5 stickup

Location HCEI Date 10.18.10

Project / Client Continue

1535 collect Equipment Rinsate sample GW EB02 after decontamination of "shoes", using ASTM Type II Reagent grade Dionized water (RDI)

1700 Ambient air sample collected near SB 20. for VOC only using RDI as for equipment Rinsate sample

All samples collected by Geo Strata personal packaged in one cooler & transported to shipping company.

1800 off-site

1830 Arrive hotel 258044

Location HCEI Date 10/19/10

Project / Client Tuesday

0645 Travel to site 258044

0700 On-site 258056

Conducted H&S Briefing

Attendees -

Cheri Kring } Geo Strata
Peter Schram
Robert Torres
Ralph Barthalomew } Vortex Crew
Marlin Casarez
Jon Lopez
Gary Miller - EPA
Mike Cove } TCEQ
Omar Valdez

Late arrival - Bob Green - Geo Strata

Meeting Notes -

Discussed purge & sample of monitor well will proceed no sooner than 48 hrs after well completion. Development of well does not alter this spec. per Omar Valdez

Location NCEI Date 10.19.10

Project / Client cool / overcast / partly cldy Tuesday Cont.

0800 set up at location MW-3
Note All samples noted in Book
are collected by Cheri Kring
0815 photo #(3) looking north towards
location of MW-3
photo (4) looking south towards MW-3
0825 James Comin Flint Hills on-site
0835 Suzie Canales on-site
Alongside Jim Haley with TCEQ
0853 Begin MW-3
water detected at 12' bsg
sample screening with FID (photo vac)
indicated low levels ranging
from 0.2 ppm to 2.9 ppm. Sample
at water table interface ~~selected~~
selected for analysis per discussion w/
TCEQ Jim Haley
Sample analysis for SOMW-301
includes VOC, TPH + PAH
1015 Joe Hay with Flint Hills on-site
Discussions with OMAR V. (TCEQ)
indicated that an 8 ft. seal
was recommended. Therefore the
well (MW-3) was completed

Location NCEI Date 10/19/10

Project / Client Tuesday

with 8 ft Riser + 15 ft Screen.
1140 Drillers off-site for Lunch
1230 Back on-site
Cleaning remains on-site to
secure well
1330 Locking well cap + Bollards
set - load up + move to
~~MW-1~~ MW-2 site
1400 on-site for ~~MW-1~~ MW-2
1430 finish Boring + Bagging samples
1455 EPA Gary Miller on-site +
Begin screening samples with
Detected 4 FID. approved
1510 Samples selected by Mike Cowe
& Omar V. (TCEQ). per protocol
SOMW-2 01 0-2.5' (7 ppm)
SOMW-2 02 12.5-15 (3 ppm)
↳ sample at water table
interface.
Samples analyzed for VOCs,
TPH, using Encore + power Step,
respectively, + PAHs

Location HCEI Date 10.19.10 (Tuesday)

Project / Client

1625 Ambient air field blank GW FB 2 collected by MW-1, analyzed for VOCs

1645 Collected equipment Blnk GW EB 03, analyzed for VOC, TPH & PAH

1715 Augers decontaminated & begin drilling out for MW-1 – Nova – Pete drilled (Bored) point for sampling.

Omar, Mike & Gary off-site

1900 Attempt leave Battery dead & getting a jump.

2130 CHZ ~~1930~~ arrive Hotel

— Into city

1700 photo (5) looking south at MW-2

Clinkly

Location HCEI Date 10/20/10 Wednesday

Project / Client

0635 Travel to Site

0700 Arrive Site 253 089

Begin planning & H&S Briefing

Cheri Kring, Rob Green, Pete Schram, & Orlex Crew } Geo Strata

Robert Soine, Martin Cassaro, Joe Lopez, Ralph Braithwaite

Omar Valdez, Mike Crow } TCEQ

Gary Miller EPA

Discussed plan to attempt setting well with solid flight if well stays open for Pete's Crew

0813 on-site at MW-5 location

0835 Begin pushing samples

0845 Photo (6) view toward MW-5 looking west

Location HCEI Date 10.20.10

Project / Client Wednesday

0906 well bored to total depth
FID screening indicates
Low readings 1-2.9 ppm
sample selected for
Laboratory analysis, at
water Table interface only
so MW-5 01 (10-13'), for
VOCs, TPH + PAH.
Note samples collected by C. Krieg
on these pages

1100 Well is completed (to 23')
with 8' Riser and Locking Cap
Bollards will be installed later

1130 mobilize to MW-7 location to
drill out well.

1220 Lunch Break

1300 Back on-site @ MW-4

1400 James Comen (Flint Hills) stops
by to discuss grabbing sample at
MW-2

1442 Arrive at MW-2

1445 collect water sample from well
prior to purging for Baseline.
Noted no moisture inside PVC casing

Location HCEI Date 10.20.10

Project / Client Wednesday
Hot / Sunny

1630 collect ambient air sample
GW FB-3 @ MW-1 for
VOC analysis using Deionized
water (DI)

1700 collected equipment blank
sample using DI water
running over the "Shoes"
used during drilling

1950 Off-site

2010 Arrive Hotel 258.105

Location HCEI Date 10/21/10

Project / Client Thursday

0635 Travel to Site 258/05

0700 on-site 258 117

Cheri Kring
Pete Schen } GeoStrata

Robert Joiner
Ralph Bartholomew
Marlin Casares
Joe Lopez } Vortex Crew

Omar Valdez
Mike Cam } TCEQ

Gary Miller — EPA

Bob Green - GeoStrata

0800 Arrive SB-2 location
Photo #7 looking south at SB-2

0840 Suzie Canales on-site

0940 Arrive SB-3 location
photo #8 view looking north at SB-3

1005 Sample at 10' wet - select 7.5-10'
Laterally - samples 0-5' + 10-13' from SB-2 chosen for analysis for VOCs TPH + PAH
split (10-13') w/ EPA + MS/MSD
at 0-5' interval - James Cobinon 1130

Location HCEI Date 10-21-10

Project / Client Thursday

Sunny breezy

1100 at location SB-12
Sampled to water at 15' bsg
Selected 10-15' sample for analysis of VOC TPH + PAH
FID reading = 1.5 ppm, split w/ EPA

1200 photo #9 Taken after boring SB-12 installed, view east
Break for lunch

1300 Back on-site
Begin SB-14 (east side of Floral St.) between Minton + Koepke)
Collected samples at 7.5-10' + 10-12.5' for analysis of VOC, TPH, PAH.
FID readings 1.5 + 0.8 ppm (respectively)
mobilize to SB-16 location

1440 first sample collected

1450 10-14' sample selected for analysis of VOC, TPH + PAH

1515 photo #10 Taken after boring completed looking towards SB-16 looking south.

1545 Arrive at SB-19 Location
collect sample in 15-19' interval and analyze for VOC, TPH + PAH

Location ACEI Date 10.21.10

Project / Client Thursday

Split same sample w/TL EPA.

1650 Travel to MW-1 to collect ambient air field blank (GWFB-4)

1715 Collected sample for VOC analysis

1720 Collected equipment blank GWEB-5 for analysis of VOCs, TPH + PAH

1810 Bob Green off-site to ship samples

1840 Chem Kring off-site 258 120

1900 Arrive hotel 258 132

Location ACEI Date 10.22.10

Project / Client FRIDAY

0630 Travel to site 258 132

0700 Arrive site 258 144

conducted H&S Briefing

Present: C. Kring, Pete Schroeder, Rudy Arredondo, Bob Green — Geo Strat

Robert Jaime, Martin Casares, Joe Lopez, Ralph Bartholomew — Cortez

Gary Miller — EPA

Omar Valdez, Mike Cook — TCEQ

0750 Arrive location SB-32, N side of Blocker

Selected sample (10-15) ft for analysis of VOC, TPH + PAH

Photo #11 looking east towards SB-32

0910 AT location SB-5, east side of Port St. at Hatch St.

Selected sample at 5-10' + 10-15' for analysis of VOC, TPH + PAH

photo #12 Looking east towards SB-5,

Location ACEI Date 10.22.10

Project / Client Friday

note: highest FID readings observed at this location ranging from 1120 ppm to 3589 ppm. collected explosion vapor reading of 100% in Borehole + 0% in Ambient air at Borehole opening using MSA meter. collected Duplicate sample SOFD-6 with 5-10' sample

1040 Arrive at location SB-36 at Port + Sumner

1120 Photo # 13 looking west toward SB-36
Photo # 14 Grab in sample
sample collected at 5-10' interval
Selected for analysis of VOC, TPH + PAH
water at 11'

1230 collected Field blank GW FB 5@ SB-36 location for VOC analysis

1240 Break for Lunch

1315 Back on-site at location SB-37

1345 selected sample at 5-10' for analysis of VOC, TPH + PAH. FID = 0.3ppm
Photo #15 looking South at SB-37

Location ACEI Date 10.22.10

Project / Client Friday

1430 at location SB-40, north side of Nuecas

1440 selected sample at (5-10') for analysis of VOC, TPH + PAH as well as Duplicate SOFD-7

1438 photo # 16 looking north toward SB 40

1552 at location SB-38, South side Nuecas between Port + Lexington

1611 Sample at 10-13, 0 ppm selected for analysis of VOC, TPH, PAH

1638 photo # 17 looking south toward boring location marker for SB 38

1645 at location SB-39, east side of Lexington north of Highway,

1657 photo # 18 looking east toward SB 39
photo # 19 looking south to SB 39

1658 Sample selected (10-14') for analysis of VOC TPH + PAH + MS/MSD
Note TCEQ Auditor has been with me since SB-36.
9-Drums soil generated
10-Drums water generated

2000 off-site

2300 Arrive office 258 3/9

CONTENTS

PAGE	REFERENCE	DATE

Location _____ Date 10/17/10

Project / Client HILLCREST

Odometer Start 79 (TRIP)
Left office @ 700 PM
- in transit to CC
Best Western @ 1030 PM
10/18/10

Odometer Start 225 (trip
left motel @ 630
Meet crew at job site

Safety Meeting @ 7 AM
- conducted by S. King (GEOSTRATA)

Staging Area @ 745 AM

Photo #1 @ staging area
looking north @ air monitoring
station (AQ3)

Photo #2 @ staging area
looking north @ air monitoring
station (AQ3)

Location Compass Date 10/18/10

Project / Client HILLCREST

HECI-760-11

@ Staging Area setting up decon station, calibrating FID's, sorting sample containers.

FID Span gas 496-500 @ 8:50 AM
- calibrated in Subcontrol

Calibrate Scales #1 @ 9 AM
span weight 49.96-50 g

Calibrate Scales #2 @ 9:10 AM
Span weight 50.00-50.01 g

Initial decon completed @ 9:48 AM

all Water
3 VOA's (VOCs w/ HCl)
3 VOA's (TPH w/ HCl)
2 500-ml amber PAH (ICE)

Location Compass Date 10/18/10

Project / Client HILLCREST

HECI-760-11

GW-EB-01 PVS 10/18/10 1011
Initial deion final rinse
Sampler - no split
3 VOA's VOC's (w/ HCl)
3 VOA's TPH (w/ HCl)
2 500-ml Amber (ice)
@ central decon area

Photo #3 PVS Eastern view of soil boring #33

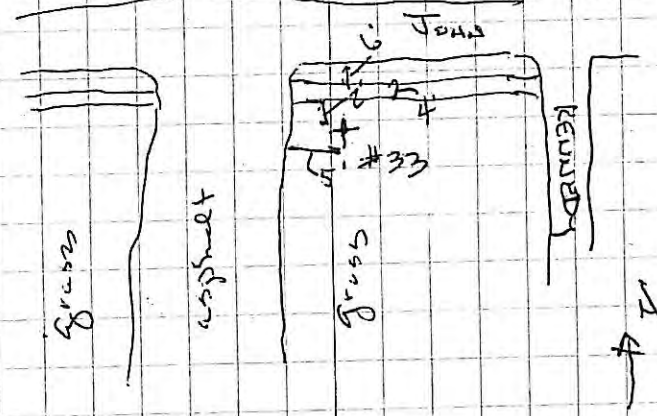


Photo #4 PVS Northern view of soil boring installation for soil boring #33

Location Hillcrest Date 10/18/10

Project / Client HECI-760-11

B-33 Started @ 1047

0-2.5 1049 Clay, black, stiff, friable, no plastic, black
0.5 ppm

2.5-5 1049 Clay, black, stiff friable, no plastic, black to dark brown
2.8 ppm

5-7.5 1056 Clay, sandy, silty, lt brown to tan, mod. stiff, sli. plastic, dry
6.0 ppm

7.5-10 1057 Clay, sandy, silty, lt. brown to tan, mod. stiff, sli. plastic, dry
3.6 ppm

10-12.5 1059 Clay, sandy, silty, AA, Sand, 9-9.5, unconsolidated fg, poorly sorted; Clay, 9.5-10 AA moist
2.8 ppm

12.5-15 1059 SAND AA; wet @ 13' BGS - clayey, silty.
1.8 ppm

Location Hillcrest Date 10/18/10

Project / Client HECI-760-11

Photo #5 PUS N view of 0-5' of boring #33

Photo #6 PUS N view of 5-10 of boring #33

Photo #7 PUS N view of 10-15 of boring #33

Photo #8 PUS N view of 10-15 of boring #33

~~PID~~	FID	PID	
0-2.5	0.5	12.0	
2.5-5	2.8	12.7	
5-7.5	6.0	11.5	*
7.5-10	3.6	11.6	
10-12.5	2.8	9.2	
12.5-15	1.8	9.9	*

Location _____ Date _____

Project / Client _____

SO-SB33-01 & SO-SB33-02

B-33 @ 5-7.5 B 33 @ 12.5-15

	Preload	Offset
Encore 1	15.89	+0.77
Encore 2	15.89	+0.77
Encore 3	15.90	+0.77

Photo #9 PU3 N view of boring location #6.

SB-6

SO-SB6-01

Photo #10 PU3 S view of core from 0-5

Photo #11 PU3 S view of core from 5-10

Photo #12 PU3 S view of soil boring #6 from NW corner of Broadway & Nueces

Location _____ Date _____

Project / Client _____

#6

0-2.5 35.8 ppm	1214	Clay, black, friable stiff, no plastic, dry
2.5-5 19.8 ppm	1214	Clay, sandy, silty, good, tan plastic, sli. stiff, moist
5-7.5 32.3 ppm	1219	Clay, sandy, tan, silty good plastic, wet @ 7.5' Bgs
TD=10 11.1 ppm	1219	Clay, tan, saturated

Sampled SB-6 @ 5-7.5

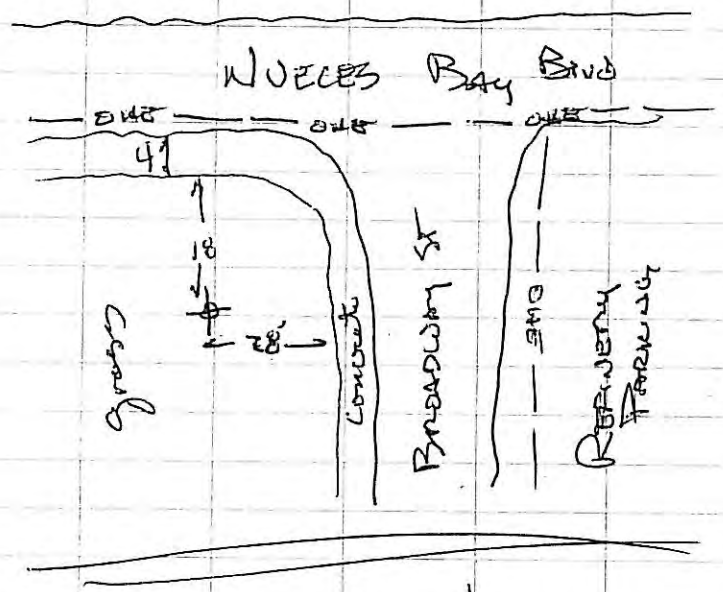
Owner declined sample @ 0-2.5

Sample SO-SB6-02 is used for sample @ 5-7.5

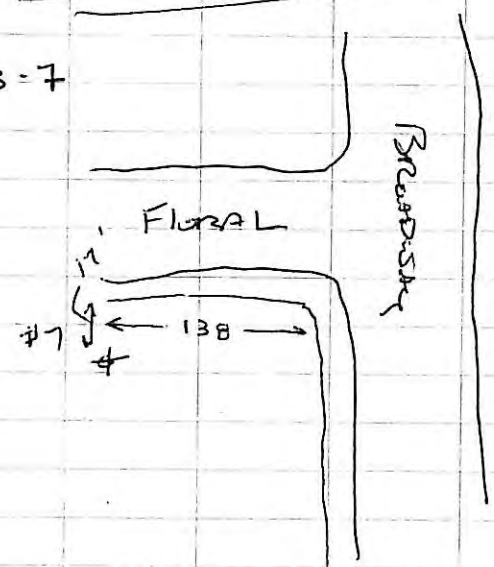
Location HECI - 760 - 11 Date 10/18/10

Project / Client HILLCREST

#6



SB-7



Location HECI-760-11 Date 10/18/10

Project / Client HILLCREST

SB-SB7

0-2.5 1.7 ppm	1345	Clay, blk, friable, stiff, heavy organic material (wood) dry
☆ 2.5-5 3.5 ppm	1345	Clay, sandy, silty, black to tan, mottled,
5-7.5 0.4 ppm	1357	Clay, sandy, silty, tan to lt. brown, mod. plastic, dry
7.5-10 0.9 ppm	1357	Clay, sandy, silty, tan to lt. brown, mod. plastic, dry

NEXT PAGE

Photo 13 - RB W View of SB-7
Photo 14 - RB W View of SB-7
Photo 15 - RB W View of core @ 0-5
Photo 16 - RB " " @ 0-5

Location _____ Date 10/18/10

Project / Client 10 ~~8~~

#7

10-12.5 1.5 ppm	1404	clay, silty, sandy stiff, mod. plastic, tan to brown, dry.
12.5-15 1.3 ppm	1404	clay AA, dry
15-17.5 1.8 ppm	1409	clay AA, dry
17.5-20 2.4 ppm	1409	clay AA, dry
20-22.5 1.9 ppm	1425	clay AA dry
* 22.5-25 1.5 ppm	1425	clay AA, ~~dry~~ wet

SO.SB7.01 @ 22.5-25°

SO.SB7.02 @ 2.5-5°

Location _____ Date 10/18/10

Project / Client _____

Photo 1532 N view of MW-3
Photo 1535 N view of MW-3
SB-20 (OS/MW-3)

0-5 1.0 ppm	1524	clay, black to dark brown, sandy, silty, mod. firm poor plastic, dry
5-10 0.5 ppm	1532	clay, silty, sandy, good plastic, poorly firm, dry
10-15 1.3 ppm	1540	sand, clayey, silty, unconsolidated, saturated @ 13' BGS

Photo 1534 S view of core 0-5 AVS
Photo 1533 S view of core 0-5 AVS
Photo 1332 S " " " core 5-10
Photo 1331 " " " " 5-10
Photo 1330 " " " " 10-15
Photo 1329 10-15

Location _____ Date 10/18/10

Project / Client _____

DUP · SO · FD · 1 = SB-20 @ 10-15'

Return to motel @ 6 PM

GW-EB-01	10/18/10	1011 (Equip Blank)
SO-SB33-01	10/18/10	1056 (5-7.5)
SO-SB33-02	10/18/10	1056 (12.5-15)
SO-SB6-01	10/18/10	1219 (5-7.5)
SO-SB7-02	10/18/10	1345 (2.5-5)
SO-SB7-01	10/18/10	1425 (22.5-25)
SO-SB20-01	10/18/10	1540 (10'-15')

Location HCEI-760-SL-11 Date 10/19/10

Project / Client HILLCREST

645AM
Odometer Start 254.5 (TRIP)
Calibrate PID (span 499.9)
700AM Safety Meeting

Photo #1529 N view of soil boring location #SB-8 @ 751 (PVS)
Photo #1528 - N view of hand probe SB-8

SB-8 [SO-SB-8]

Began drilling @ 806

0-2.5 0.0 ppm	806	Clay, sandy, silty, v. stiff, poor plastic lt. brown-tan, dry
2.5-5 0.0 ppm	806	Clay - AA, dry
5-7.5 0.0 ppm	812	Clay, off white-tan, v. stiff, poor plastic, sandy silty, dry.
7.5-10 0.3 ppm	812	Clay - AA dry.

Location HCEI-760.SL.11 Date 10/19/10

Project / Client

Photo 1527 Z View of 0-5 core
Photo 1526 Z View of 0-5 core
Photo 1525 Z View of 5-10 core
Photo 1524 Z View of 5-10 core
Photo 1523 Z View of 10-15 core
Photo 1522 Z View of 10-15 core
Photo 1521 Z View of 15-20 core
Photo 1520 Z View of 15-20 core

10-12.5 817 Clay, tan to light brown
0.8 ppm v. stiff, poor plastic, dry

12.5-15 817 Clay AA, v. sandy @ 12.5-13,
0.0 ppm dry

15-17.5 822 Clay, sandy AA, dry
0.5 ppm

17.5-20 822 Clay, grading into Sand
0.0 ppm poorly sorted, fg,
Saturated @ 19' BGS

SO-SB-8.01 10/19/10 822 17.5-20

Location HCEI-760.SL.11 Date 10/19/10

Project / Client

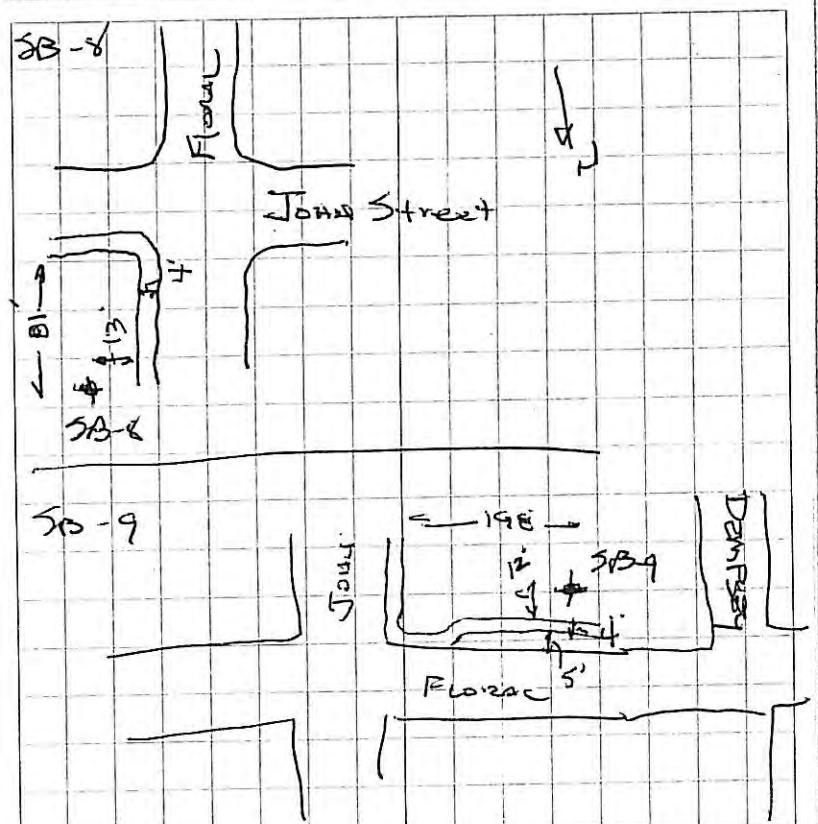


Photo 1519 Z View of line clearing on SB-9
Photo 1518 Z View of core @ 0-5'
Photo 1517 Z View of core @ 0-5'
Photo 1516 Z View of core @ 5-10
Photo 1515 Z View of core @ 5-10
Photo 1514 " " 10-15
Photo 1513 10-15

Location HCEI - 760.SC.11 Date 10/19/10

Project / Client

SB-9

0.25 1.4 ppm	916	Clay, black, dark brown, v. stiff, friable, silty, sandy dry
2.5-5 1.5 ppm	916	Clay A/A - dry
5-7.5 1.0 ppm	922	Clay, sandy, silty, v. stiff, poor plastic, dry
7.5-10 0.7 ppm	922	Clay A/A - dry
~~10/12~~	~~928~~	~~Clay, sandy, silty, v. stiff poor plastic, dry~~
~~12-15~~	~~928~~	~~Clay A/A dry~~
10-12.5 1.1 ppm	932	Clay, sandy, silty, soft, mod. plastic, moist, tan
12.5-15 1.1 ppm	932	Sand, clayey, silty, unconsol. tan, fg, poorly sorted wet Location @ 14'

Location HCEI - 760.SC.11 Date 10/19/10

Project / Client

SO SB9-01 10/19/10 932 (12.5-15)

~~SO SB9-02 10/19/10 932 (12.5-15)~~

SB-10

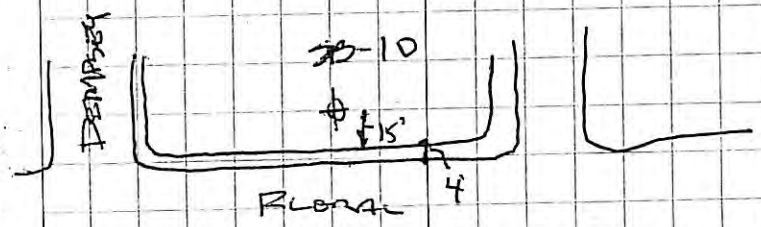


Photo	1512	S view of SB5-10
Photo	1511	E view of core @ 0-5
Photo	1510	E view of core @ 0-5
Photo	1509	E view of core @ 5-10
Photo	1508	E view of core @ 5-10
Photo	1507	E view of core @ 10-15
Photo	1506	E view of core @ 10-15
Photo	1505	E view of core @ 15-20
Photo	1504	E view of core @ 15-20

Location HCEI.760 SL.11 Date 10/19/10

Project / Client

SB-10

0-2.5 0.4 ppm	1042	clay, sandy, silty, v. stiff, poor plastic, lt brown dry
2.5-5 1.4 ppm	1042	clay, AA, dry
5-7.5 2.0 ppm	1051	Clay, sandy, silty, v. stiff, lt. brown, poor plastic dry
7.5-10 1.1 ppm	1051	Clay AA dry
10-12.5 1.3 ppm	1055	Clay, sandy, silty, v. stiff poor plastic, lt. brown dry.
12.5-15 0.8 ppm	1055	clay, silty, v. stiff, mod. plastic, lt. brown, moist.
15-17.5 0.4 ppm	1100	clay, silty, sandy, v. stiff, poor plastic, lt. bro
17.5-20 1.2 ppm	1100	clay sandy wet

Location HCEI.760.SL.11 Date 10/19/10

Project / Client Hinerest

So.SB.10.01 10/19/10 1106 (17.5-20)

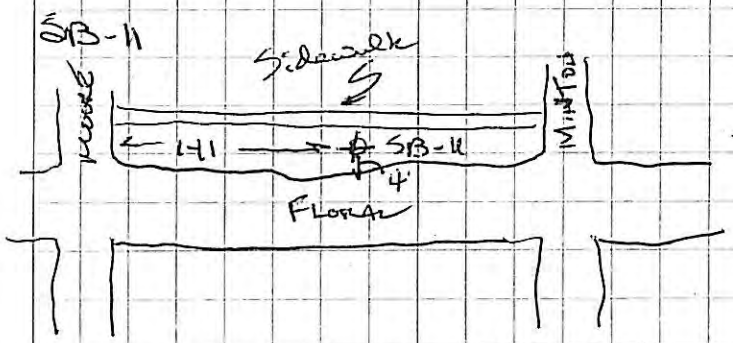


Photo 1503 S view of SB-11 (AB3)
~~Photo 1502~~
~~Photo 1501~~
Photo ~~1500~~
Photo ~~1499~~
Photo ~~1498~~
Photo ~~1497~~
Photo ~~1496~~

~~Moved~~ ff SB-11 to Sample MW-1

Location HCEI - 760 - SL - 4 Date 10/19/10

Project / Client HILLCREST

SB-11

0-2.5

2.5-5

5-7.5

7.5-10

10-12.5

12.5-15

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Location Date

Project / Client

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Location ACEI - 760 - SL - 4 Date 10/19/10

Project / Client HILLCREST

MW-1

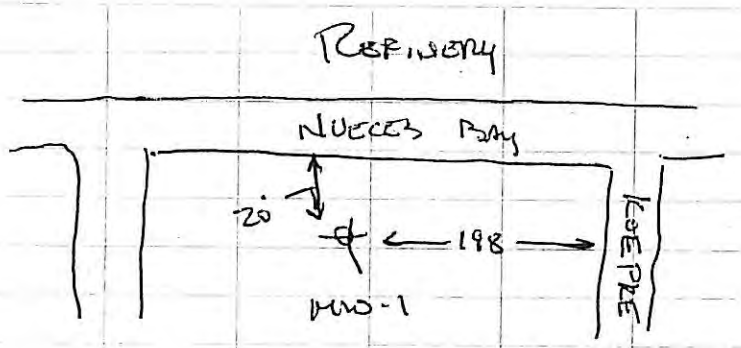


Photo 1502 E view of clearance at MW-1
Photo 1501 W view of core at 0-5
Photo 1500 W view of core at 0-5
Photo 1499 W view of core at 5-10
Photo 1494 " " " @ 5-10
Photo 1497 " " " @ 10-15
Photo 1496 " " " @ 10-15
Photo 1495 " " " @ 15-20
Photo 1494 " " " @ 15-20
Photo 1493 " " " @ 20-25
Photo 1492 " " " @ 20-25

Riser 9 ft
Screen 15 ft
Stickup

Location ACEI - 760 - SL - 01 Date 10/19/10

Project / Client HILLCREST

MW-1

0-5 0.8 ppm	1340	Clay, silty, sl. sandy, v. stiff, poor plastic, dark gray to brown, dry
5-10 2.0 ppm	1343	Clay, silty, sandy v. stiff, poor plasticity, tan to lt brn dry
10-15 1.0 ppm	1346	Clay (10-12) Ad, moist; Sand clay, silt, unconsolidated, tan to light brown WET @ 14'
15-20 4.2 ppm	1353	Sand, clayey, silty, poor sorting, unconsolidated, tan to light brown. Saturated.
20-25 4.8 ppm	1358	Sand AA Saturated

Location HCEI·760·SL·4 Date 10/19/10

Project / Client Hancock

Dup·2 (SO.FD.2) collected
at MW-1 @ 10'-15'

SO·MW1·01 10/19/10 1346 (10'-15')
SO·MW1·02 10/19/10 1353 (15'-20')
~~SO·MW1-02 10/19/10 1353 (15'-20')~~
~~MS/MSD~~
SO·MS/MSD·02 10/19/10 1353
from MW-1 @ 15'-20'

Location HCEI·760·SL·4 Date 10/19/10

Project / Client Hancock

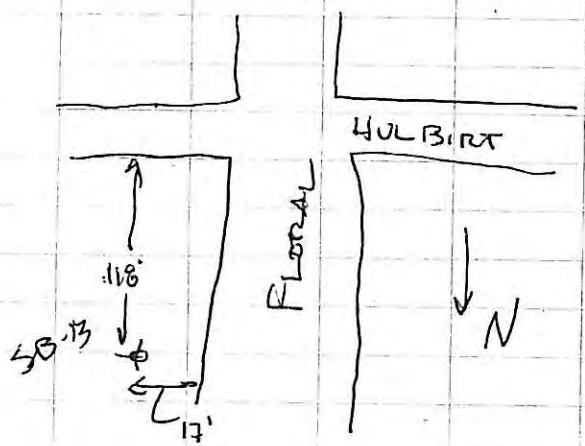
SB-13

Photo	1491	Z. View of location
P	1490	ZV core @ 0-2.5'
	1489	Z View core @ 0-2.5'
	1488	Z View core @ 2.5'-5
	1487	Z View core @ 2.5'-5
	1486	Z View core @ 5-7.5'
	1485	@ 5-7.5'
	1484	@ 7.5'-10
	1483	@ 7.5'-10
0-2.5'	1539	Clay black dry
0.6 ppm		
2.5-5	1539	Clay, tan-brown, stiff
0.3 ppm		
5-7.5'	1543	Clay, tan, stiff, sandy
0.1 ppm		
7.5'-10	1543	Clay A.A, dry
0.2 ppm		
10-12.5'	1557	Clay, v. sandy, moist
0.8 ppm		
12.5'-15	1557	Pit @ 14' Sand, wet
0.2 ppm		

Location HCEI - 760 - SL - 4 Date 10/19/10

Project / Client HARCREST

20 - SB1301 10/19/10 1557 (12.5-15)



Arrived back at motel @ 6:30 PM

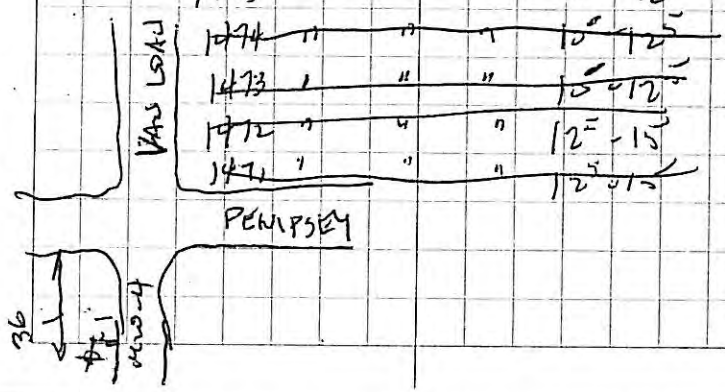
Location HCEI - 760 SL - 4 Date 10/20/10

Project / Client HARCREST

Arrive location @ 7 AM
Safety meeting
Calibrate PID (Span 512.7)

MW-4

Photo 1484 S view of location
1483 S view of location
1482 S view of core 0-2.5
1481 " " " 0-2.5
1480 " " " 2.5-5
1479 " " " 2.5-5
1478 " " " 5-7.5
1477 " " " 5-7.5
1476 " " " 7.5-10
1475 " " " 7.5-10
~~1474 " " " 10-12.5~~
~~1473 " " " 10-12.5~~
~~1472 " " " 12.5-15~~
~~1471 " " " 12.5-15~~



Location HCB1 · 760 · SC · 11 Date 10/20/10

Project / Client Hillcrest

MW-4

0-2.5 0.5 ppm	821	Clay, black to brown stiff, heavy organics dry
2.5-5.0 0.0 ppm	821	Silt @ 4.5; Clay, lt brown to tan, v. stiff, to soft. dry, poor to good plastic
5.0-7.5 0.0 ppm	824	Sand, poor grading (sorting) tan, fg, saturated wet @ 6
7.5-10 0.0 ppm	824	Sand AA to 9' Bgs, clay @ 9-10, Clay, tan, v. stiff, poor plastic, wet.
10-12.5 0.0 ppm	830	Sand AA to 11.5-12, Clay, tan, v. stiff, poor-med plastic, wet.
12.5-15 0.0 ppm	830	Clay to 14-14.5 ft, Sand tan-grey, fg, poorly sorted, wet.
15-17.5 0.0 ppm	837	Silt (15-16); Clay. v. stiff tan, med. plastic wet
17.5-20 0.2 ppm	837	Sand, clayey, silty, fg poorly sorted, wet

Location HCB1 · 760 · SC · 11 Date 10/20/10

Project / Client HILLCREST

SC · MW4 · 02 10/20/10 8:30 (10-12.5)
8 containers
Riser 8 ft Screen = 12.5 flush
Recon angus after attempting to set well w/ solid flight augers - too much flowing sand

finished at location @ 9:47 AM

MW-7 10/20/10

Photo 1474	Sample of MW-7	
Photo 1473	W View of core	0-5
1472	" " "	0-5
1471	" " "	5-10
1470	" " "	5-10
1469	" " "	10-15
1468	" " "	10-15
1467		
1466		

Location HCEI.760.SL.11 Date 10/20/10

Project / Client Hancrest

MW-7

0-2.5 1041 Clay, tan, mod. stiff, good plastic, dry-moist
0.0 ppm
Rep? (loose)

2.5-5 1041 clay, tan, mod. stiff good plastic, dry-moist
0.0 ppm
Rep? (loose)

5-7.5 1050 clay, tan sandy, silty, mod. stiff, good plastic dry
0.0 ppm

7.5-10 1050 Clay AA, dry
0.0 ppm

10-12.5 1055 Clay AA, dry-moist
0.0 ppm Sand c lt wet, fg. (unconsolidated), clayey

12.5-15 1055 Sd tan, clayey, silty, poor stiff, mod plastic saturated
0.0 ppm

15-17.5 1100 Sd AA wet
0.0 ppm

17.5-20 1100 Sd AA, wet, slightly more clay rich @ 19-20.
0.0 ppm

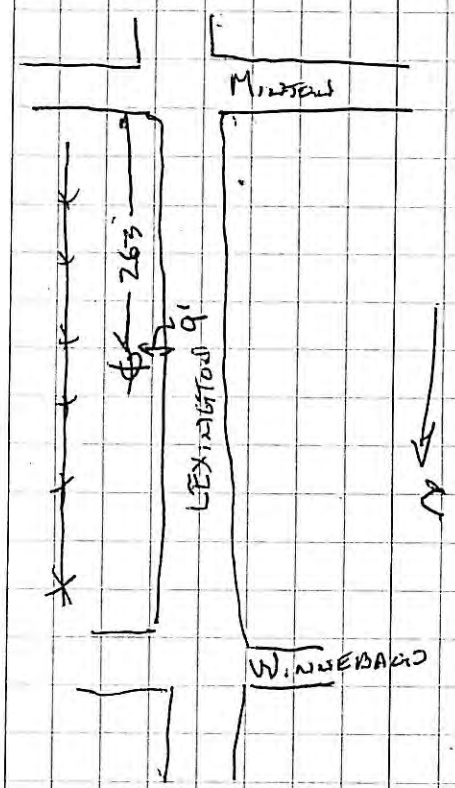
Location HCEI.760.SL.11 Date 10/20/10

Project / Client Hancrest

MW-7 (cont.)

20-22.5 1110 Sd AA wet
0.0 ppm
Riser 8 ft
Screen 15 ft
flush mount

22.5-25 1110 Sd, AA, wet
0.0 ppm



Location HCEI-720-SL-11 Date 10/20/10

Project / Client Hillcrest

SO MW701 10/20/10

Broke for lunch @ 1220
Returned location @ 1300

MW-8

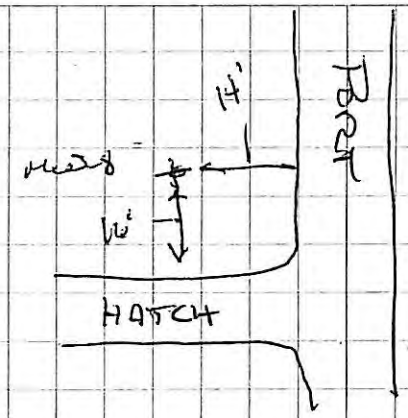
Photo 1465 N View of MW-8
1464 N View of core 0-2.5
1463 " " " " 0-2.5
1462 " " " " 2.5-5
1461 " " " " 2.5-5
1460 " " " " 5-7.5
1459 " " " " 5-7.5
1458 " " " " 7.5-10
1457 " " " " 7.5-10
1456 " " " " 10-12.5

MW8 Riser ~~15~~ 5
Screen ~~15~~ 15
flush mount

Location ACEI-720-SL-11 Date 10/20/20

Project / Client Hillcrest

MW-8



0-2.5 0.3 ppm	1426	Clay, dark brown, friable, v. stiff, no plastic, dry
2.5-5 0.3 ppm	1426	Clay, silty, sandy, tan v. stiff, poor plastic, dry
5-7.5 0.3 ppm	1432	Clay AA, dry
7.5-10 0.1 ppm	1432	Clay AA dry to 9'; Clay, tan, sandy, silty, good plasticity, moist.
10-12.5 0.5 ppm	1435	sandy, silty, clayey, soft, fg, saturated.

Location HCEI · 760 · SL · 11 Date 10/20/10

Project / Client Hillcrest

12.5 - 15 139 ppm	1435	sand, choppy, silty, fg, consolidated, good plasticity, heavy gray staining & diesel odor @ 14-15 feet BGS
15 - 17.5 83 ppm	1442	sand, choppy, silty, fg, consolidated, good plasticity, heavy gray staining & diesel odor
17.5 - 20 10.4 ppm	1442	sand AA Saturated

SO MW-8.01	10/20/10	1432	(7.5-10)
SO MW8.02	10/20/10	1435	(10-12.5)
SO MW8.03	10/20/10	1435	(12.5-15)

1725 FID 0.4-2.4 ppm @ MW-1
all ambient readings

1730 FID 0.9-1.8 ppm @ MW-2
all ambient readings

Location HCEI · 760 SL · 11 Date 10/20/10

Project / Client Hillcrest

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Location HCEI · 760 · SL · U Date 10/22/10

Project / Client Hillcrest

Odometer start 325.8 (Trip)
Calibrate PID (495-501 span)
Safety meeting

SB-1

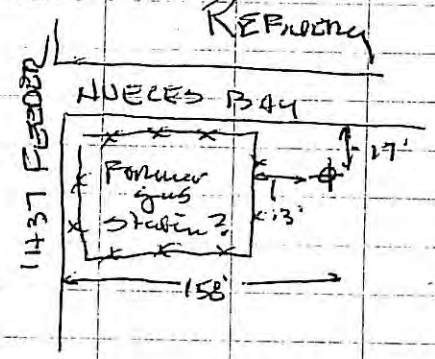


Photo 1456 N view of SB-1 location
1455 W view of core @ 0-5
1454 W view of core @ 0-5
1453 W view of core @ 5-10
1452 W view of core @ 5-10
1451 W. view of core @ 10-15
1450 W view of core @ 10-15

Location HCEI · 760 · SL · U Date 10/22/10

Project / Client Hillcrest

SB-1

0-2.5 804 0.7 ppm	Clay, black, v. stiff, no plasticity, sl. sandy, dry, friable
2.5-5 804 0.0 ppm	Clay, dark brown, silty, sandy, friable, v. stiff, no plastic, dry
5-7.5 810 7.3 ppm	Clay, tan, silty sandy, fair plastic, med. firm, dry
7.5-10 810 45.1 ppm	Clay, tan dk, dry
10-12.5 812 47.2 ppm	Sand, clayey, v. silty, unconsolidated to firm, fair plastic, moist
12.5-15 812 132.7 ppm	Sand, slightly clay, sl. silty, unconsolidated, tan, fg, poor sorting, saturated at 14.5 feet, dark gray staining, strong diesel odor, oily.

Location HCEI-760-SL-U Date 10/21/10

Project / Client HILLCREST

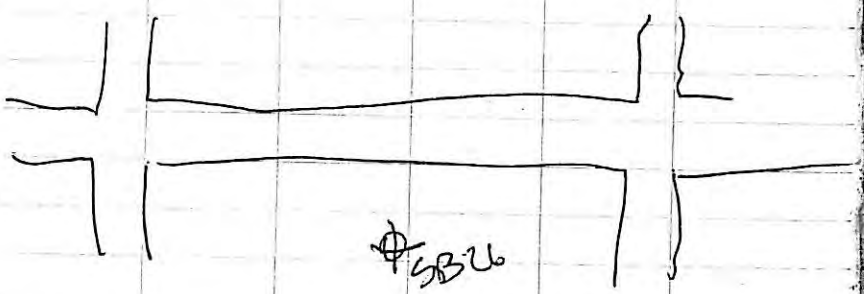
SB 1

So SB1 01 10/21/10 812 (12.5-15) [8]

So FD 04 10/21/10 1300 (12.5-15) [8]
taken @ SB-1 @ 12.5-15

SB 26

Photo 1449 W view of SB-26
1448 W view of core 0-5
1447 " " " 0-5
1446 " " " 5-10
1445 " " " 5-10
1444 " " " 10-15
1443 " " " 10-15



Location HCEI-760-SL-U Date 10/21/10

Project / Client Hillcrest

SB-26

0-2.5 918 0.0 ppm	Clay, silty, blk grading to lt. brown, sl. sandy, mod stiff fair plastic, dry.
2.5 918 0.0 ppm	Clay, silty, sandy, tan to lt. brown, mod. stiff, fair plastic, dry.
5-7.5 925 0.0 ppm	Clay, tan to lt. brown, v. stiff, no plastic, silty, sl. sandy, dry
7.5-10 925 0.0 ppm	Clay AA dry
10-12.5 930 0.0 ppm	Clay, sandy, silty, mod firm, poor plastic, dry
12.5-15 930 0.0 ppm	S.A. wet @ 14' Clay 12.5-13 AA dry; sd 13-15 fg, tan, poorly sorted, wet at 14'.

So SB2601 10/21/10 930 (12.5-15') [8]
So SB2602 10/21/10 918 (0-2.5 RepA8.0xU) [1]

Location HCEI-TCO-SL-11 Date 10/21/10

Project / Client Hillcrest

SB-11 (See page 21 for site plot)

Photo	1443	S side of SB-11			
	1442	E view of core 0-5			
	1441	E view of core 0-5			
	1440	" " "	5-10		
	1439	" " "	5-10		
	1438	" " "	10-15		
	1437	" " "	10-15		
	1436	" " "	15-20		
	1435	" " "	15-20		

So SB11 01	10/21/10	1058	(5-7.5)	[8]
So SB11 02	10/21/10	1110	(15-17.5)	[8]

Location HCEI-TCO-SL-11 Date 10/21/10

Project / Client Hillcrest

SB-11

0-2.5	1053	Clay, blk to dark brown, friable
0.0 ppm		v. stiff, poor plasticity, dry
2.5-5	1053	Clay, dark brown grading to tan,
43.3 ppm		v. stiff, poor plasticity, sandy silty, dry
5-7.5	1058	Clay, silty, sandy, tan to
125.4 ppm		lt. brown, mod. stiff, mod. plasticity, dry
7.5-10	1058	Clay, Sd dry.
25.7 ppm		
10-12.5	1103	Clay, sandy, silty, tan to
0.0 ppm		lt. brown, mod stiff, mod. plasticity, dry
12.5-15	1103	Clay, Sd, moist.
0.0 ppm		
15-17.5	1110	Sd, clayey, silty, fg, (uncons.)
0.0 ppm		poorly sorted, saturated @ 15 feet BGS
17.5-20	1110	Sd. Sd, wet
0.0 ppm		

Location ACEI · 760 · SL · 11 Date 10/21/10

Project / Client Hillcrest

SB-15

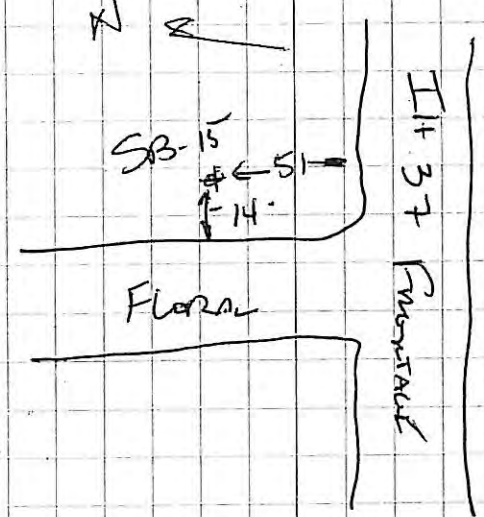
0-2.5	1340	Clay, black, silty, trace sand, stiff, no plastic dry.
0.0 ppm		
2.5-5	1340	Clay AA dry
0.0 ppm		
5-7.5	1348	Clay, silty, sl. sandy, tan to lt. brown, v. stiff, poor plastic dry
0.0 ppm		
7.5-10	1348	Clay AA, dry
0.0 ppm		
10-12.5	1352	Clay AA, dry
0.0 ppm		
12.5-15	1352	Sand, silty, clayey, fg., poorly sorted, tan
0.2 ppm		Saturated at 13' BGS

Location ACEI · 760 · SL · 11 Date 10/21/10

Project / Client Hillcrest

SB-15

Photo	1434	Sunset of SB-15
	1433	Sunset of core 0-5
	1432	Sunset of core 0-5
	1431	5-20
	1430	5-10
	1429	10-15
	1424	10-15



SD SB15 01 10/21/10 1352 (12.5-15)
[8]

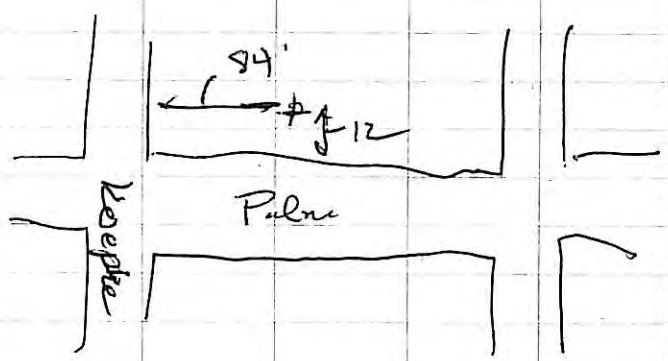
Location HCEI · 760 · SL · 4 Date 10/21/10

Project / Client HILLCREST

SB-17

Photos 1427 W view of SB 17
1426 W view of core 0-5
1425 " " " 0-5
1424 " " " 5-10
1423 " " " 5-10
1422 " " " 10-15
1421 " " " 10-15

→ N



Location HCEI · 760 SL · 4 Date 10/21/10

Project / Client HILLCREST

SB-17

0-2' 0.0 ppm	1443	Clay, black grading to gray, v. stiff, poor plasticity, sl. silty dry
2'-5' 0.0 ppm	1443	Clay, gray to tan, silty sandy, v. stiff, sl. plasticity dry
5-7.5' 0.0 ppm	1448	Clay, silty, sandy, tan, v. stiff, mod. plasticity dry
7.5-10 0.0 ppm	1448	Clay AA, dry
10-12.5 0.0 ppm	1456	Clay AA dry
12.5-15 0.0 ppm	1456	Sand @ 13', fg, tan, poor sorting, mod. plasticity, wet at 14' Bgs

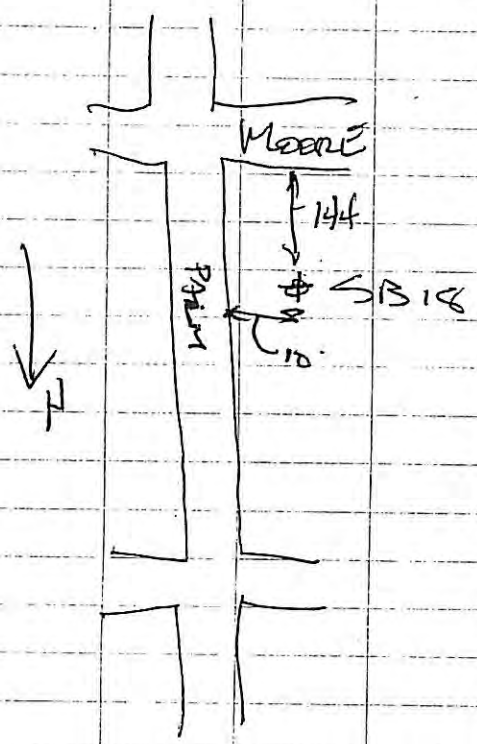
SOSB1701 10/21/10 1456 (12.5-15) [8]

Location HCEI-760-SL-4 Date 10/21/10

Project / Client Hillcrest

SB-18

Photos 1419 W view of boring SB-18
1418 W view core 0-5
1417 W view core 0-5
1416 " " " 5-10
1415 " " " 5-10
1414 " " " 10-15
1413 " " " 10-15



Location HCEI-760-SL-4 Date 10/21/10

Project / Client Hillcrest

SB-18

0-2.5 1543 Clay, blk to dark gray, friable, v. stiff, poor plasticity, dry
0.0 ppm

2.5-5 1543 Clay, dark gray to lt. gray, mod. stiff, good plasticity, dry
0.0 ppm

5-7.5 1547 Clay, sandy, silty, tan to lt. brown, mod. stiff, poor-fair plasticity, dry
0.0 ppm

7.5-10 1547 Clay AA dry.
0.0 ppm

10-12.5 1555 Clay, sandy, silty, tan to lt brown, mod. stiff, fair plasticity, moist
0.0 ppm

12.5-15 1555 Sand, clayey, silty, fg, poor sorting, good plasticity mod. unconsolidated. Saturated at 13.5 feet.
0.0 ppm

SDSB1801 10/21/10 1555 (12.5-15) [8]
SDFD05 10/21/10 1200 (12.5-15) [8]
Dup @ 12.5-15

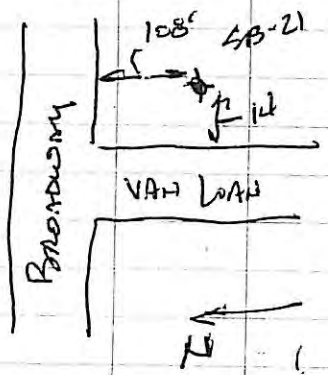
Location HEC1 · 7L2 · SL · 11 Date 10/22/20

Project / Client Hillcrest

Odometer Start : 399.5 CTRAP
Safety Meeting
Calibrate PID

SB-21

Photo 1412 E view of boring SB-21
1411 E view of core 0-5
1410 " " " 0-5
1409 " " " 5-10
1408 " " " 5-10
1407 " " " 10-15
1406 " " " 10-15
1405 " " " 15-20
1404 " " " 15-20



Location HEC1 · 7L0 · SL · 4 Date 10/22/20

Project / Client Hillcrest

SB-21

0-2.5 0.0 ppm	800	Clay, blk, heavy organics, friable, sl. ft, no plasticity dry
2.5-5 0.0 ppm	800	Clay, silty, sandy, mod. sl. ft, good plastic, dark gray to brown, dry
5-7.5 0.0 ppm	805	Clay, silty, sandy, tan to buff, mod. sl. ft, poor plastic dry
7.5-10 0.0 ppm	805	Clay AA dry
10-12.5 0.0 ppm	804	Clay AA, dry
12.5-15 0.0 ppm	809	Clay, silty, sandy, tan to buff, v. sl. ft, mod plastic moist
15-17.5 0.0 ppm	821	Clay AA to 16.5; SJ, tan, fine grained unconsolidated poor sorting, moist
✱ 17.5-20 1.1 ppm	821	Sand, fg, AA saturated at 18.5 feet BLS

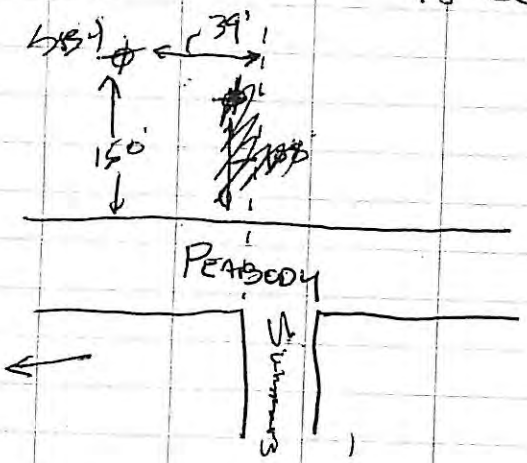
Location HCEI · 720 · SL · 4 Date 10/22/10

Project / Client Hillcrest

SOSB2101 10/22/10 821 (17.5-20) [8]

SB-4

Photo 1403 E view of boring
1402 E view of core 0-5
1401 " " " 0-5
1400 " " " 5-10
1399 " " " 5-10
1398 " " " 10-15
1397 " " " 10-15
1396 " " " 15-20
1395 " " " 15-20



Location HCEI · 720 · SL · 4 Date 10/22/10

Project / Client Hillcrest

SB-4

0-2.5 9.40 0.0 ppm	Clay, black grading to dark brown, friable, stiff to mod. plasticity, dry
2.5-5 9.40 0.0 ppm	Clay, brown grading to lt. brown, v. stiff, poor plasticity, sandy silty dry.
5-7.5 9.44 0.0 ppm	Clay AA, dry
7.5-10 9.44 0.0 ppm	Clay, lt brown to buff, sandy, silty, v. stiff, poor plasticity, dry
10-12.5 9.49 0.0 ppm	Clay AA dry
12.5-15 9.49 0.0 ppm	Clay, more sandy, soft Good plastic, tan to buff, moist at 14' BGS
☆ 15-17.5 9.54 0.0 ppm	Sand, fg, unconsolidated, silty, clayey, poor sorting, saturated at 15'
17.5-20 9.54 0.0 ppm	Sand AA wet to 19'; dry, sandy, silty, mod. stiff, mod plasticity, wet.

Location HCEI-760-SL-4 Date 10/22/10

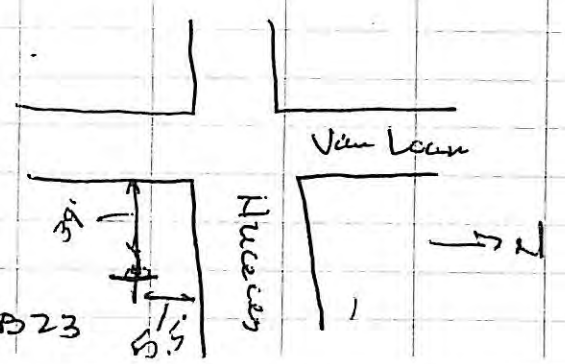
Project / Client HILLCREST

20SB401 10/22/10 954 (15-17.5)

KAPOK - African

SB-23

Photo 1395 W view of boring SB23
1394 N view. Place 0-5
1393 " " " 0-5
1392 " " " 5-10
1391 " " " 5-10
1390 " " " 10-15
1389 " " " 10-15
1388



Location HCEI-760-SL-4 Date 10/22/10

Project / Client HILLCREST

SB-23

0-2.5	1120	Clay, black to dark brown,
0.0 ppm		stiff, poor plasticity, mod. friable, dry
2.5-5	1120	Clay, ~~[illegible]~~, sandy, silty,
0.0 ppm		v. stiff, poor plasticity, dry, tan
5-7.5	1124	Clay, sandy, silty, v. stiff
0.0 ppm		poor plasticity, tan to light brown, dry
7.5-10	1124	Clay, sandy, silty, mod.
0.0 ppm		stiff, good plasticity, tan to lt. brown, moist
10-12.5	1128	Clay, sandy silty, mod.
0.0 ppm		stiff, good plasticity, tan, moist
12.5-15	1128	Sand, tan, clayey, silty,
0.0 ppm		unconsolidated, good plasticity, saturated at 14' BGS.

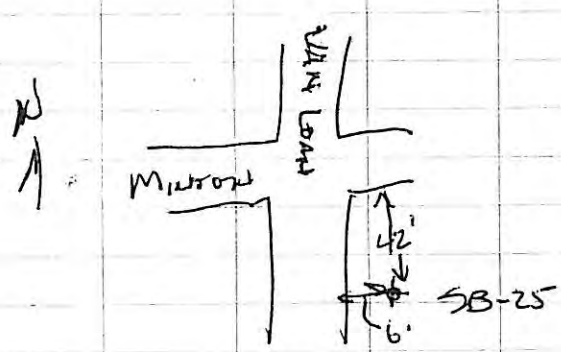
20SB2301 10/22/10 1128 [8] (12.5-15)

Location HCEI.760.SL.4 Date 10/22/10

Project / Client Hillcrest

SB-25

Photo	1387	S view of location		
	1386	E view of core		0-5
	1385	" " "		0-5
	1384	" " "		5-10
	1383	" " "		5-10
	1382	" " "		10-15
	1381	" " "		10-15



Location HCEI.760.SL.4 Date 10/22/10

Project / Client Hillcrest

SB-25

0-2.5 0.0 ppm	1300	Clay, black to dark brown, friable, mod. stiff, poor plasticity, dry
2.5-5 0.0 ppm	1300	clay, tan to buff, v. stiff, poor plasticity, sandy, silty, dry
5-7.5 0.2 ppm	1304	Clay AA dry
7.5-10 0.0 ppm	1304	Clay AA, dry
10-12.5 0.0 ppm	1308	Clay AA dry; Sd @ 11', clayey, silty, consolidated, fg. moist. tan
12.5-15 0.0 ppm	1308	Sd., fg. tan, silty, clayey unconsolidated, wet @ 14'

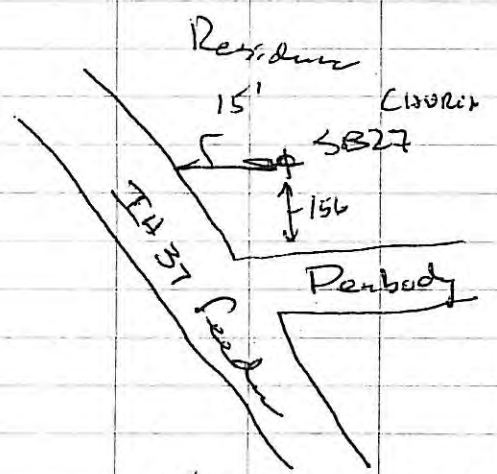
50SB2501 10/22/10 1308 (12.5-15) [8]

Location HCET-760-SL-4 Date 10/22/00

Project / Client Hillcrest

SB-27

Photo 1381 E view of location
1380 N view of core 0-5
1379 " " " 0-5
1378 " " " 5-10
1377 " " " 5-10
1376 " " " 10-15
1375 " " " 10-15



Location HCET-760-SL-4 Date 10/22/00

Project / Client Hillcrest

SB-27

0-2.5	1428	Clay, blk to dk grey, friable, v. stiff, poor plasticity, dry
0.0 ppm		
2.5-5	1428	Clay, dk gry to tan, stiff, sli. plasticity, sandy, silty dry
0.0 ppm		
5-7.5	1430	Clay, tan to lt brown, silty, sandy, v. stiff, poor plasticity, dry
0.0 ppm		
7.5-10	1430	Clay AA, dry
0.0 ppm		
10-12.5	1435	Clay AA, dry to 11.5' ft; Sand, tan, fg, clayey silty unconsolidated, moist
0.0 ppm		
12.5-15	1435	Sand, fg, clayey silty, unconsolidated, saturated @ 13.5 feet BGS
0.0 ppm		

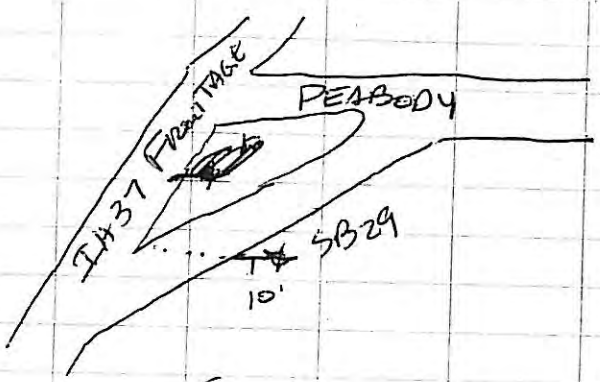
SOSB2701 10/22/10 1435 (12.5-15) [8]

Location HCEI . 760 . SL . b Date 10/22/10

Project / Client HILLCREST

SB-29

Photo 1374 E View of Location
1373 N View of Core 0-5
1372 " " " 0-5
1371 " " " 5-10
1370 " " " 5-10
1369 " " " 10-15
1368 " " " 10-15



Location HCEI . 760 . SL . 11 Date 10/22/10

Project / Client HILLCREST

SB-29

0-2.5 1527 Clay, black to dark brown, friable,
0.0 ppm v. stiff, poor plasticity, dry.

2.5-5 1527 Clay, sandy, silty, dark brown
0.0 ppm to tan, stiff, poor plasticity, dry

5-7.5 1532 Clay, sandy, silty, tan to
0.0 ppm brown, v. stiff, mod. plastic. dry.

7.5-10 1532 Clay stiff, dry
0.0. ppm

10-12.5 1536 Clay, sandy, silty, soft,
0.0 ppm good plasticity, tan to mottled, moist.

12.5-15 1538 Sand, fg, clayey, silty,
0.0 ppm unconsolidated, tan, saturated at 14 feet.

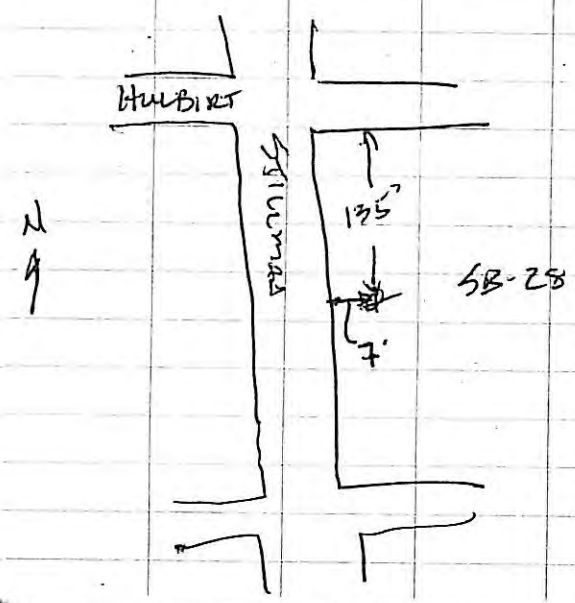
SD SB2901 10/22/10 1538 (12.5-15) [8]

Location HCEI · 760 · SL · 21 Date 10/22/10

Project / Client HILLCREST

SB-28

Photo	1367	5 views of location		
	1366	5 views of core		0-5
	1365	" " "		0-5
	1364	" " "		5-10
	1363	" " "		5-10
	1362	" " "		10-15
	1361	" " "		10-15



Location HCEI · 760 SL · 21 Date 10/22/10

Project / Client HILLCREST

SB-28

0-2.5	1623	Clay, black to dark gray,
0.0 ppm		friable, stiff, no plasticity
		dry
2.5-5	1623	Clay, dark gray grading to
0.0 ppm		lt. brn, v. stiff, fair plasticity,
		dry
5-7.5	1627	Clay, tan, sandy, silty,
0.0 ppm		v. stiff, poor plasticity,
		dry
7.5-10	1627	clay, AA, dry
0.0 ppm		
10-12.5	1631	Clay, sandy, silty, stiff,
0.0 ppm		fair plasticity; Sand @ 12'
		fg, clayey, silty, moist
12.5-15	1631	Sd, fg, tan, silty, clayey,
0.0 ppm		saturated at 12.5 feet
15-17.5	1635	Sd. unconsolidated
0.0 ppm		AA
17.5-20	1635	Sd. unconsolidated
0.0 ppm		AA

SOSB2801 10/22/10 1631 (12.5-15) [illegible]

Location HCEI · 7600 · SL · 4 Date 10/22/11

Project / Client Hillcrest

Released Drillers @ 5:00

Jim Haley TCEQ - Corpus
(361) 319-2620

arrived at 11 AM.

Summary

10/17/10	3.5 hrs	TRAVEL
10/18/10	11.0 hrs	
10/19/10	11.5 hrs	
10/20/10	11.0 hrs	
10/21/10	11.5 hrs	
10/22/10	17 ~~hrs~~ hrs	
	65.5 hrs	TRAVEL

Location Date

Project / Client

10/21/10 R. ARREDONDO

HILLCREST. VAN

TECH. = RUDY Arredondo
WEATHER = PARTLY CLDY, HUMID, 70'S
0835 DEPART OFFICE (347296)

1200 ARRIVE ON SITE, MEET W/
CHERI & SIGN HASP.
MEET GARY W/ EPA.
1300 SET UP @ GW-06, Pump
TO BE SET @ 18-19' from
Top of CASING.
DECON CONSIST OF:
ALCONOX, D.I., ALCOHOL, DI RINSE
DECON pump:
1340 CALIBRATE FLOW CELL,
HORIBA U-22XD.
pH = 4.1 Reading
COND = 0.45 m/s
Temp = 25.5
1423 START PURGE @ 400 mL/min.
1510 Sample Collected
1535 Depart GW-06
1540 SET up @ GW-02
DECON pump & Interface
SET pump @ 18-19' from
Top of CASING.

1

10/21/10 R. Arredondo

HCEI

1650 Collect Sample 40ml
Collecting (3 VOAs - VOCs)
(2 500ml Amber for PAH)
3 - 40ml VOAs for TPH)

1710 Stop Sampling &
Start packing Samples

1800 Calibrate Horiba 22XD
ph = 4.0 Reading
Cond = 0.45 mS
Temp = 24.9°C
Help Bob Transfer
Fluid in drums

1952 Depart Site

2015 Arrive @ Hotel

RA
10/21/10

2

10/22/10 R Arredondo

HCEI VON

0640 Depart Hotel (347488)
0700 Arrive on site for (347501)
Safety mtg.
0800 Start gauging wells
0900 Set up on GW-01
Will set up pump @ 18-19'
0920 Calibrate Horiba 22XD
ph = 4.1 Reading
Cond = 0.45 mS
Temp = 25.1 °C
Decon consist of:
Alconox, D.I., Alcohol, D.I.
0950 Start purge @ 400mL/min
1015 Collect Sample
1052 Depart site
1100 Set up on ~~GW~~ GW-05 & Set
pump @ 16.5 - 17.5'
1130 Start purge, 400mL/min
1210 Collect Sample (MS/MSD)
1320 Depart GW-05
1420 Arrive @ GW-04 (Flush mount)
Set pump @ 15.5-16.5'
1440 Start purge, 400mL/min
1510 Collect Sample

10/22/10 K. Arredondo

HCEI

VDN

1545 Depart GW-04
1550 Set up @ GW-07
Set pump @ 14-15'
1610 Start purge, 400mL/min
1635 Collect Sample.
1710 Depart GW-07
1715 Arrive @ GW-08
Set pump @ 13.5'-14.5'
1738 Start purge, 400mL/min
Will collect Dup @ this well.
~~1800~~ 1805 Collect Sample (Dup)
1910 Collect Equip Rinsate
~~1912~~
2000 Depart Site (347512)
2300 Arrive in SA (347664)
RT= 367

KA
10/22/10

10/23/10

HCEI

VDN

0930-1030 prep Samples
1030 Depart S.A. (347664)
1210 Arrive @ LAB (DHL)

1225 Depart LAB
1310 Stop Travel
1405 Start Travel
1515 Arrive @ Office (347854)
RT=190

KA
10/23/10

Project # 760 SL11

GROUNDWATER MONITORING FIELD DATA

Project Name: **Hillcrest Environmental Investigation** – Development fluids

Date: Oct. 20 → 22, 2010

Field Technician: Bob Green

Well #	Well Dia.	Total depth (ft)	Depth to top of screen	Gauging Depth to PSH (ft)	Gauging Depth to GW (ft)	Thickness of PSH (ft)	Thickness of water column (ft)	Purge volume = thickness x 0.16 x 3 (2" wells)*	PSH Actual purge Volume (gallons)	GW Actual purge Volume (gallons)	~~GW Sample Depth (ft)~~ Date	Sample Time
GW-01										30	10.21.10	
GW-02										40	10.21.10	
GW-03										Dry	10.21.10	
GW-04										20	10.22.10	
GW-05										35	10.21.10	
GW-06										55	10.20.10	
GW-07										42	10.22.10	
GW-08										22	10.22.10	

Field Notes / Comments / Well Condition:

Drums on-site (at departure): Soil: _____, **Total #:**_____ (full = _____, partial = _____, empty = _____, Other = _____)

- - for 4" wells, substitute 0.66 for 0.16

Reviewed By: CH
Date: 11/4/10

Project # 760 SL11

GROUNDWATER MONITORING FIELD DATA

Project Name: **Hillcrest Environmental Investigation**

Date: 10/21/10

Field Technician: R. Arredondo

	Well #	Well Dia.	Total depth (ft)	Depth to top of screen	Gauging Depth to PSH (ft)	Gauging Depth to GW (ft)	Thickness of PSH (ft)	Thickness of water column (ft)	Purge volume = thickness x 0.16 x 3 (2" wells)*	PSH Actual purge Volume (gallons)	GW Actual purge Volume (gallons)	GW Sample Depth (ft)	Sample Time	
16.5	GW-01	2"	26.5	11.5		17.96		8.54/1.36	4.09		3.0	18-19'	1015	10/22
	GW-02	2"	27.5	9.5		17.98		9.52/1.52	4.56		4.5	18-19'	1650	
	GW-03	2"		10.5		DRY							—	
call 11.5 chart vs/insite 5.5	GW-04	2"	21.2	8		15.08		6.12/0.97	2.93		2.75	15-16'	1510	10/22
	GW-05	2"	25.3	10.5		16.37		8.93/1.42	4.28		5.0	16.5-17.5	1210	10/22
	GW-06	2"	27.5	5		18.55		8.95/1.43	4.29		4.5	18.5-19.5	1510	
14.0	GW-07	2"	22.6	8		13.30		9.30/1.48	4.46		3.0	14-15	1635	10/22
10.0	GW-08	2"	19.6	5		13.37		6.23/0.99	2.99		2.0	13.5-14.5	1805	10/22
	DUPLE WATER												1940	Dup

Field Notes / Comments / Well Condition:

MS/MSD on GW-05, Dup on GW-08

Drums on-site (at departure): Soil: _____, **Total #:**_____ (full = _____, partial = _____, empty = _____, Other = _____)

- for 4" wells, substitute 0.66 for 0.16

Reviewed By: C. Ft

Date: 11/4/10

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R. Arredondo

Well ID: GW-08

Date: 10/22/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1755	7.4	0.18 mS	27.1°C
1757	7.4	0.18 mS	27.1°C
1759	7.4	0.19 mS	27.1°C
1801	7.3	0.19 mS	27.1°C

Field Notes/Comments: purge @ 400 mL/min

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R Arredondo

Well ID: GW-07

Date: 10/22/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1627	6.8	0.38mS	27.2°C
1629	6.8	0.39mS	27.2°C
1631	6.8	0.39mS	27.2°C
1633	6.8	0.39mS	27.2°C

Field Notes/Comments:

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R Arredondo

Well ID: GW-C4

Date: 10/22/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1458	6.6	1.1 mS	27.3
1500	6.7	1.2 mS	27.4
1502	6.7	1.2 mS	27.5
1504	6.7	1.2 mS	27.4

Field Notes/Comments: PURGE @ 400 mL/min

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R. Arredondo

Well ID: GW-05 MS/MSD

Date: 10/22/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1154	6.5	1.0 mS	26.6
1156	6.5	1.1 mS	26.6
1158	6.5	1.1 mS	26.7
1200	6.5	1.1 mS	26.6

Field Notes/Comments: PURGE @ 400 mL/min

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R Arredondo

Well ID: * GW-01

Date: 10/22/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1004	6.4	0.48mS	26.2°C
1006	6.5	0.47mS	26.2°C
1008	6.5	0.47mS	26.2°C
1010	6.5	0.47mS	26.2°C

Field Notes/Comments: PURGING @ 400 ml/min

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: R Arredondo

Well ID: GW-02 Date: 10/21/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1636	6.8	1.8 mS	26.5
1638	6.8	1.8 mS	26.5
1640	6.8	1.8 mS	26.6
1642	6.8	1.8 mS	26.6

Field Notes/Comments: PURGING @ 400 mL/min

Monitor Well Sampling Data Sheet

Project #: 760-SL11

Field Technician: [illegible]

Well ID: [illegible]-06 Date: 10/21/10

Time	pH (Within +/- 0.5)	Specific Conductance mS/cm or µs/cm (Within 10%)	Temp (F or C) (Within +/- 1°)
1454	6.7	[illegible]	[illegible]
1456	6.7	[illegible]	[illegible]
1458	[illegible]	[illegible]	[illegible]
1500	[illegible]	[illegible]	[illegible]

Field Notes/Comments: PURGE @ 400ml/min.