ENCYCLE/TEXAS, INC.

FINAL CLOSURE CERTIFICATION REPORT - FACILITY NO. 2 NON-PERMITTED UNITS

November 9, 2004

ARCADIS

Infrastructure, buildings, environment, communications

ARCADIS

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FINAL CLOSURE CERTIFICATION REPORT FACILITY NO. 2 NON-PERMITTED UNITS

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Corpus Christi, Texas

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1.0 Introduction

ARCADIS G&M, Inc. (ARCADIS) was retained by Encycle/Texas, Inc. (Encycle) to supervise closure of 29 non-permitted units located in or adjacent to the Facility No. 2 building at Encycle/Texas, Inc., 5500 Up River Road, Corpus Christi, Texas. These non-permitted units include 24 tanks, 3 drum filters, 1 filter press, and 1 dryer that are listed in Table 5 of Exhibit 5 of the October 1999 Consent Decree issued to Encycle/Texas, Inc. and ASARCO, Inc. Closure activities for these non-permitted units were conducted in accordance with the November 1999 Closure Plan (Closure Plan) entitled "Final Facility Closure and Post-Closure Plan for Non-Permitted Units" that was approved by the Texas Commission on Environmental Quality (TCEQ) on April 27, 2000.

In accordance with the Stipulation and Order Modifying Consent Decree between the United States and the State of Texas vs. Encycle/Texas Inc. and ASARCO Incorporated, that was entered into the U.S. District Court for the Southern District of Texas on August 13, 2004, Encycle agreed to complete RCRA final closure of the facility's hazardous and solid waste management units no later than January 1, 2005. This report presents final closure activities associated with 29 non-permitted units in and adjacent to Facility No. 2. Closure activities for other hazardous and solid waste management units at the Encycle facility will be addressed in separate reports.

As detailed below, the non-permitted units, secondary containment areas, and storm water areas in and adjacent to Facility No. 2 were decontaminated between February and October 2004. Decontamination continued until verification rinse water sampling showed that no hazardous wastes remained, and the decontamination standards had been met. Additionally, as specified in the Closure Plan, soil samples were collected below the floor of the units in areas where the concrete was cracked. The soil samples were analyzed for constituents previously managed at the facility.

All wastes have been removed from the 29 non-permitted units in and adjacent to Facility No. 2, and verification rinse water sample analytical data demonstrates that these non-permitted units and associated secondary containment areas, and storm water areas adjacent to the Facility No. 2 building, have been decontaminated as specified in the approved Closure Plan.

2.0 Encycle Facility Location and Description

The Encycle facility is approximately 108 acres in size and is located at 5500 Up River Road in Corpus Christi, Texas. The facility was originally developed by American Smelting and Refining Company (now ASARCO, Inc.) in 1941 to process mineral ores for the production of high grade zinc. The facility was shut down during 1985, and the site was inactive from 1986 until 1988. The facility was operated by Encycle from 1988 through 2002 as a commercial waste management facility treating primarily inorganic hazardous and non-hazardous materials for the purpose of recycle, reclaimation, and reduction in volume using a hydro-metallurgical process. Facility operations ceased in 2003, and final facility closure activities are currently in progress.

The facility's TCEQ Industrial Solid Waste Registration Number and U.S. Environmental Protection Agency (EPA) Identification Number are 30003 and TXD008117186, respectively. The facility's Industrial Solid Waste Management Permit Number is HW50221-001.

3.0 Facility No. 2 Description

Facility No. 2 is an approximate 54,000 square foot building with concrete floors, prefabricated metal walls, and a prefabricated metal roof with steel (I-beam) structural support. Facility No. 2 is located in the central portion of the Encycle facility as shown on Figure 1. Facility No. 2 was used during ASARCO operations for leaching of zinc ore concentrates in tanks and other process equipment. Facility No. 2 was used during Encycle operations for wastewater treatment and for storage and processing of metal-bearing materials. The metal-bearing materials were stored in containers, and processing occurred in tanks, filter presses, and the rotary dryer.

Facility No. 2 has reinforced concrete floors, and concrete floor drains, sumps, curbs and ramps to contain any spills. The Facility No. 2 non-permitted units that were closed during 2004 include the following:

- Twelve tanks on the first floor of the building (Leach Tanks 1-4, Thickeners 4-6, and Tanks 605046, 655122, 655151, 655163 and 825222);
- Three tanks on the second floor of the building (Filter Feed/Splitter Box, Tanks 605036 and 605037);

- Nine tanks outside of the building (Thickener 1, Thickener 3, North Slurry Tank, South Slurry Tank, and Tanks 485250, 625016, 625018, 825203, and 825208);
- One filter press on the first floor of the building (Filter 225040);
- One dryer on the first floor of the building (Rotary Dryer); and
- Three drum filters on the second floor of the building (Drum Filter West, Drum Filter Middle, Drum Filter East).

These 29 non-permitted units are listed in Table 5 of Exhibit 5 of the Consent Decree (see Appendix A). Descriptions of the non-permitted units are summarized on Table 1. Unit locations are shown on Figure 2, and photographs are provided in Appendix B.

In addition to the 29 units listed above that were closed during 2004, four other non-permitted units located in or adjacent to Facility No. 2 currently remain in service (Thickener No. 2, Feed Tank No. 2, Facility 2 Press 225045, Thickener 6 Overflow Tank 825220). These four active units are associated with the facility wastewater treatment system, and closure of these units will be deferred as specified in Section 5.1.3 of the August 13, 2004 Stipulation and Order Modifying Consent Decree. A closure certification report for these deferred units will be prepared at a later date after the deferred units are taken out of wastewater treatment system service.

4.0 Closure Activities

4.1 General

Closure activities for the 29 non-permitted units in and adjacent to Facility No. 2 were conducted as specified in the Closure Plan. The closure activities included (1) waste removal, (2) unit decontamination, (3) secondary containment area decontamination, (4) verification rinsate sampling of the units (5) verification rinsate sampling of the secondary containment areas and storm water areas, (6) decontamination of cleanup equipment, (7) soil sampling below failures in secondary containment systems, (8) soil evaluation, and (9) groundwater evaluation.

The closure activities are discussed in the following subsections.

4.2 Waste Removal

The non-permitted units in Facility No. 2 were empty at the time of closure except for Thickeners 1 and 3. With the exception of Thickeners 1 and 3, the contents of the non-permitted units were transported offsite for recycling or disposal prior to initiation of closure activities. Liquids in Thickeners 1 and 3 were routed to the facility wastewater treatment system. Solids from Thickeners 1 and 3 disposed of prior to July 2004 were transported to the US Ecology Texas landfill in Robstown, Texas. The remaining solids in Thickeners 1 and 3 were loaded into a rail car and disposed of at the US Ecology Idaho, Inc. landfill in Grand View, Idaho during October 2004. Copies of the manifests for the Thickener 1 and 3 solids are provided in Appendix C.

4.3 Unit Decontamination

Final closure activities for the non-permitted units in and adjacent to Facility No. 2 were conducted between February and October 2004. As specified in the TCEQ April 27, 2000 letter, each non-permitted unit in Facility No. 2 was decontaminated to the decontamination rinsate standards given in Section VI.E, Page 34 of the Consent Decree. A copy of the TCEQ April 27, 2000 letter is provided in Appendix D, and the decontamination rinsate standards are provided in Appendix E. The decontamination rinsate standards also are summarized on the bottom of Table 2.

Unit decontamination activities were conducted by qualified Encycle personnel and contractors under the supervision of an independent Texas-Registered Professional Engineer (Kenneth Brandner of ARCADIS G&M, Inc.). Decontamination activities initially involved cleaning of the non-permitted units using pressure washing, steam cleaning, and/or manual scraping tools to remove any waste residuals. A dilute sulfuric acid solution also was used to remove acid-soluble waste residuals that coated the three drum filters (Drum Filter West, Drum Filter Middle, Drum Filter East) in Facility No. 2. The washwater, spent acid, and waste residuals were collected and routed to the Encycle wastewater treatment system. As specified in the Closure Plan, pumps, agitators, piping, and valves attached to the units that had been exposed to liquid or solid materials during use also were decontaminated by pressure washing, scraping with hand-held power tools, manual scraping, and triple rinsing to remove all waste residuals. The piping was then either disconnected from the units, capped, or valves on the piping where shut and tagged "off". Electrical power to the pumps and agitators was either disconnected and/or instrument power switches were tagged "off".

The interiors of several of the piping segments attached to the non-permitted units contained waste residuals that could not be readily removed. Therefore, these piping segments and ancillary equipment (pumps, valves) were cut from the units and stored on-site in steel roll-off boxes along with piping segments and ancillary equipment from other units (i.e., Facility No. 1 piping). The piping segments and ancillary equipment were disposed of at the US Ecology Texas landfill in Robstown, Texas, and copies of the waste manifests are provided in Appendix F.

Decontamination continued until all visible evidence of waste residuals had been removed. Each unit was then triple-rinsed by pressure washing, and the rinse water was collected and routed to the Encycle wastewater treatment system. Following triple-rinsing, a rinsate sample was collected from each unit as described below in Section 4.5.

4.4 Secondary Containment Area and Storm Water Area Decontamination

Following decontamination of the non-permitted units, the secondary containment areas were decontaminated. Concrete storm water areas adjacent to the Facility No. 2 building also were decontaminated. As shown on Figure 2 and the photographs in Appendix B, the secondary containment areas and storm water areas for the non-permitted units consist of concrete floors with floor drains, sumps, and/or concrete ramps and curbing.

The concrete floor in the northern portion of the building slopes to a concrete floor drain that discharges into a 4-foot by 4-foot by 4-foot-deep concrete sump at the north end of the building. The concrete floor in the western portion of the building slopes to a concrete floor drain that discharges into two 2-foot by 2-foot by 16-inch deep concrete sumps directly west of Thickeners 4 and 6, respectively. The concrete floor in the center and southern portion of the building below Thickeners 4, 5 and 6 also slopes to the two concrete sumps directly west of Thickeners 4 and 6, respectively.

The storm water area outside the southern end of the Facility No. 2 building slopes to two concrete basement sumps located below Thickeners 1, 2 and 3 (see Figure 2). The storm water area outside the northwestern end of the Facility No. 2 building slopes to a 2.5-foot by 2.5-foot by 2.5-foot deep concrete sump directly east of Tanks 625016 and 625018. The storm water area outside the southwestern end of the Facility No. 2 building slopes to the truck unloading area, and the storm water area around the North and South Slurry Tanks approximately 200 feet northwest of the Facility No. 2 building is contained within 4-foot-high concrete walls that surround the Slurry Tanks.

Decontamination activities involved cleaning of the concrete floors, floor drains, sumps, curbs, ramps, and storm water areas using pressure washing and/or steam cleaning to remove any waste residuals. The washwater and waste residuals were collected and routed to the Encycle wastewater treatment system. Decontamination continued until all visible evidence of waste residuals had been removed. The secondary containment areas and storm water areas were then triple-rinsed by pressure washing, and the rinse water was collected and routed to the Encycle wastewater treatment system. Following triple-rinsing, rinsate samples were collected from the secondary containment areas and storm water areas as described below in Section 4.5.

4.5 Verification Rinsate Sampling

4.5.1 Verification Rinse Water Sample Collection Procedures

As specified in the Closure Plan, following decontamination, a low volume rinsate sample was collected from each non-permitted unit and underlying concrete secondary containment areas, and also from the storm water areas adjacent to Facility No. 2. Rinsate samples were collected from the non-permitted units at valves, discharge piping, or flanges at the base of each unit. Rinsate samples were collected from the secondary containment areas and the storm water areas at sumps, and in the low points in the concrete floor in areas where sumps were not present. Each rinsate sample was collected by directly filling laboratory-provided, 16-ounce polyethylene bottles with nitric acid preservative. Each rinsate sample was analyzed for all metals listed in Table 3 of Exhibit 5 of the Consent Decree (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver).

The sample bottles were securely capped, labeled, placed into a cooler with ice, and submitted to an independent analytical laboratory. The verification rinse water samples were analyzed within EPA-specified holding times using the analytical protocols specified in the EPA document entitled "Test Methods for Evaluating Solid Waste (EPA SW-846)."

4.5.2 Verification Rinse Water Sample Analytical Results

Verification rinse water sample analytical results are summarized on Table 2, and copies of the analytical laboratory reports are provided in Appendix G. Verification rinse water sample analytical results showed that all of the non-permitted units in and adjacent to Facility No. 2 met the decontamination standards except for the rinsate sample from Tank 695107 (North Slurry Tank). The lead concentration in the initially

collected verification rinse water sample from Tank 695107 on August 18, 2004 (3.24 milligrams per liter (mg/L)) exceeded the decontamination standard of 1.5 mg/L for lead. Therefore, as specified in the Closure Plan, Tank 695107 was further decontaminated using pressure washing. The cleaning water was collected and routed to the Encycle wastewater treatment system. Following the additional decontamination activities, a verification rinse water sample was collected from Tank 695107 on August 26, 2004, and the lead concentration (6.97 mg/L) exceeded the decontamination standard. Therefore, Tank 695107 was further decontaminated during September 2004 using pressure washing, and a verification rinse water sample was collected on September 20, 2004. As shown on Table 2, the decontamination standard for lead was met following the additional cleaning of Tank 695107 during September 2004.

Verification rinse water sample analytical results showed that all of the concrete secondary containment areas and storm water areas met the decontamination standards.

4.6 Decontamination of Cleanup Equipment

Following Facility No. 2 decontamination activities, the Facility No. 2 cleanup equipment (vacuum truck hoses, pressure washer and steam cleaner hoses, metal scrapers) and safety equipment (personnel boots) were washed, and the wash water was routed to the Encycle wastewater treatment system. The equipment was then moved to other units at the Encycle facility currently undergoing final closure. Following closure of all units, the cleanup equipment and non-disposable safety equipment will undergo final decontamination as specified in the Closure Plan.

4.7 Soil Sampling Below Failures in Secondary Containment Systems

4.7.1 Soil Sample Collection Procedures

The concrete floors, floor drains, sumps, ramps, and curbs in Facility No. 2 were visually inspected by the Professional Engineer during September 2004 for breeches and failures in the secondary containment areas. Six cracks were present on the concrete floor in the building (Cracks 1 - 6); nine cracks were present on the concrete secondary containment floor around Thickeners 1, 2 and 3 south of the building (Cracks 7 - 15); and one crack was present in the concrete sump adjacent to Tanks 625016 and 625018 west of the building. Therefore, as specified in the Closure Plan, soil samples were collected below these cracks. Soil sample locations are shown on Figure 2.

The concrete floor was cored at each sample location using a 4-inch-diameter diamond core barrel. Soil samples were then collected using a stainless steel hand auger. Prior to collection of each sample, the hand auger was cleaned using a non-phosphate detergent wash, water rinse, and distilled water final rinse. Equipment cleaning water was routed to the Encycle wastewater treatment system. Soil samples were collected directly below the concrete (0-0.5 foot) at each sample location. Additionally, a deeper (2-2.5 foot) soil sample was collected at each sample location. The soil samples were placed into 16-ounce widemouth glass jars with Teflon-lined lids. The sample jars were securely capped, labeled, placed into a cooler with ice, and submitted with chain of custody documents to an independent analytical laboratory. Following soil sample collection, the soil borings were plugged with concrete.

4.7.2 Soil Sample Analytical Results

Each 0-0.5 foot depth soil sample was analyzed for the constituents previously managed at the facility. The list of constituents previously managed at the facility is summarized in Appendix H. Following receipt of the analytical results for the 0-0.5 foot depth soil samples, the deeper (2-2.5 foot depth) soil samples were analyzed for constituents that exceeded background concentrations in the 0-0.5 foot depth soil samples. The soil background concentrations for the site were previously approved by the TCEQ, and a copy of the approved background concentrations is provided in Appendix I.

The soil samples were analyzed within EPA-specified holding times using the analytical protocols specified in the EPA document entitled "Test Methods for Evaluating Solid Waste (EPA SW-846)." Soil sample analytical results are summarized on Table 3, and copies of the analytical laboratory reports are provided in Appendix J. As shown on Table 3, the concentrations of several metals in the 0-0.5 foot depth soil samples exceeded background concentrations. With the exception of cadmium, copper, nickel and zinc, metal concentrations in the deeper (2-2.5 foot depth) soil samples approached or reached background concentrations. The cadmium, copper, nickel and zinc concentrations in several of the 2-2.5 foot depth soil samples remained elevated.

As detailed in the RCRA Facility Investigation (RFI) Report dated August 13, 2002, cadmium, copper, nickel and zinc concentrations in soil samples collected around the outside perimeter of Facility No. 2 (soil borings B-85 through B-88) also were elevated in the shallow soils. Cadmium, copper, nickel and zinc concentrations in the Facility No. 2 RFI soil samples decreased with depth and reached background concentrations at

depths of 11.5 feet or less. Analytical results for soil samples collected around the perimeter of Facility No. 2 were previously presented in Table 21 of the August 13, 2002 RFI report, and a copy of this table is provided in Appendix K.

4.8 Soil Evaluation

As discussed above in Section 4.7.2, the concentrations of several metals in the soil samples below the Facility No. 2 concrete floor exceeded background concentrations. None of the metal concentrations in the soil samples exceeded the Texas Risk Reduction Program (TRRP) Tier 1 commercial/industrial protective concentration levels (PCLs) for combined ingestion, dermal contact, inhalation of volatiles and particulates, and ingestion of above-ground and below-ground vegetables ($^{Tot}Soil_{Comb}$) except for cadmium in the 2-2.5 foot depth soil sample from Crack 2 at the northern end of Facility No. 2. Cadmium concentrations in several soil samples also exceeded the Tier 1 PCLs for soil-to-groundwater leaching to Class 3 groundwater ($^{GW}Soil_{Class3}$).

A facility-wide baseline risk assessment (BLRA) was submitted to the TCEQ on April 14, 2004 as part of the RCRA corrective action activities specified in the October 1999 Consent Decree, and a BLRA Addendum was submitted to the TCEQ on August 27, 2004. Following TCEQ approval of the BLRA, Encycle will conduct a corrective measures study (CMS). Encycle also intends to deed record the property for commercial/industrial land use, and prohibit the future installation of any water wells at the property, eliminating the groundwater ingestion exposure pathway. The constituents detected in the soil samples below the Facility No. 2 concrete floor will be evaluated as part of the CMS.

4.9 Groundwater Evaluation

Based on previous investigations conducted at the site as part of the RCRA Facility Investigation, groundwater occurs at a depth of approximately 20 feet in the Facility No. 2 area. As shown on Figure 3, monitor well MW-14 is located directly north of Facility No. 2. A copy of the monitor well MW-14 completion diagram is provided in Appendix L.

As part of the RCRA Facility Investigation, groundwater samples were collected from monitor well MW-14 on a monthly frequency between December 2001 and February 2002. Groundwater analytical data is summarized on Table 4. As shown on Table 4, constituent concentrations in groundwater samples collected from monitor well MW-14 were low to non-detectable, and did not exceeded background concentrations.

Additional details regarding the groundwater quality data at the site is provided in the August 13, 2002 RFI report.

5.0 Summary and Conclusions

Closure of 29 non-permitted units located in or adjacent to Facility No. 2 has been completed in accordance with the November 1999 Closure Plan entitled "Final Facility Closure and Post-Closure Plan for Non-Permitted Units" as approved in the TCEQ letter dated April 27, 2000; and the August 13, 2004 Stipulation and Order Modifying Consent Decree. All wastes have been removed from these 29 non-permitted units, and verification rinse water sample analytical data demonstrates that the non-permitted units, secondary containment areas, and storm water areas have been decontaminated as specified in the Closure Plan. Therefore, no post-closure care is required for these 29 non-permitted units in Facility No. 2.

In addition to the 29 units listed above that were closed during 2004, four other non-permitted units located in or adjacent to Facility No. 2 currently remain in service (Thickener No. 2, Feed Tank No. 2, Facility 2 Press 225045, Thickener 6 Overflow Tank 825220). These four active units are associated with the facility wastewater treatment system, and closure of these units will be deferred as specified in Section 5.1.3 of the August 13, 2004 Stipulation and Order Modifying Consent Decree. A closure certification report for these four deferred units will be prepared at a later date after the deferred units are taken out of wastewater treatment system service.

Several constituents in soil samples collected directly below the concrete floor of Facility No. 2 exceed background concentrations. None of the metal concentrations in the soil samples exceeded the TRRP Tier 1 commercial/industrial PCLs for $^{Tot}Soil_{Comb}$ except for cadmium in the 2-2.5 foot depth soil sample from Crack 2 at the northern end of Facility No. 2. A facility-wide BLRA was submitted to the TCEQ on April 14, 2004 as part of the RCRA corrective action activities specified in the October 1999 Consent Decree, and a BLRA Addendum was submitted to the TCEQ on August 27, 2004. Following TCEQ approval of the BLRA, Encycle will conduct a CMS. Encycle also intends to deed record the property for commercial/industrial land use, and prohibit the future installation of any water wells at the property, eliminating the groundwater ingestion exposure pathway. The constituents detected in the soil samples below the Facility No. 2 concrete floor will be evaluated as part of the CMS.

6.0 Certification of Closure

CLOSURE CERTIFICATION
FACILITY NO. 2 NON-PERMITTED UNITS
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TEXAS

Professional Engineer's Certification

I, Kenneth J. Brandner, do hereby certify that the closure of the Facility No. 2 non-permitted units, except for the four deferred non-permitted units (Thickener No. 2, Feed Tank No. 2, Facility 2 Press 225045, Thickener 6 Overflow Tank 825220), at the Encycle/Texas, Inc. facility has been completed as specified in the November 1999 Closure Plan entitled "Final Facility Closure and Post-Closure Plan for Non-Permitted Units" as approved in the TCEQ letter dated April 27, 2000; and the Stipulation and Order Modifying Consent Decree between the United States and the State of Texas vs. Encycle/Texas Inc. and ASARCO Incorporated, that was entered into the U.S. District Court for the Southern District of Texas on August 13, 2004. I have personally examined Facility No. 2 closure activities and am familiar with the information submitted in this document and all attachments, which has been prepared in compliance with good engineering practices. The information provided in this document is true, accurate, and complete to the best of my knowledge.

(Seal)

Signature: _____
Kenneth J. Brandner, P.E.

Registration No.: 69586

Date: 11/9/04

CLOSURE CERTIFICATION
FACILITY NO. 2 NON-PERMITTED UNITS
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TEXAS

Owner's Certification

I, RICHARD MARCUS, PLANT MANAGER
(Name) (Title)

Certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of civil penalty and criminal fine.

Signature: _____ Date: 11/5/04

TABLES

Table 1. Facility No. 2 Non-Permitted Unit Descriptions, Encycle/Texas, Inc., Corpus Christi, Texas

Encycle Unit Name	NOR Unit Sequence Number	Consent Decree Table 5 Reference No.	Unit Description	Unit Location	Tank Capacity (gallons)	Material of Construction
Filter Feed/Splitter Box	124	T-63	Filter Feed/Splitter Box 655160	2nd Floor	100	Stainless Steel
RMA-North	110	T-64	Tank 605036	2nd Floor	20,700	Wood/Brick
RMA-South	111	T-65	Tank 605037	2nd Floor	20,700	Wood/Brick
Leach Tank 1	112	T-66	Tank 605038	1st Floor	51,610	Steel/Brick
Leach Tank 2	113	T-67	Tank 605039	1st Floor	51,610	Steel/Brick
Leach Tank 3	114	T-68	Tank 605040	1st Floor	51,610	Steel/Brick
Leach Tank 4	115	T-69	Tank 605041	1st Floor	51,610	Steel/Brick
Surge Tank		T-70	Tank 605046	1st Floor	41,455	Wood/Brick
Blue FRP North	117	T-73	Tank 625018	1st Floor - outside west wall	8,000	Poly
Blue FRP South	116	T-74	Tank 625016	1st Floor - outside west wall	8,000	Poly
Thickener 1	062	T-75	Thickener 1 (Tank 655058)	1st Floor - outside south wall	230,000	Concrete/FRP
Thickener 2	<Deferred Unit - Still in Service>[a]					
Thickener 3	064	T-77	Thickener 3 (Tank 655060)	1st Floor - outside south wall	230,000	Concrete/FRP
Thickener 4	119	T-78	Thickener 4 (Tank 655061)	1st Floor	136,000	Wood
Thickener 5	120	T-79	Thickener 5 (Tank 655062)	1st Floor	146,000	Wood
Thickener 6	121	T-80	Thickener 6 (Tank 655063)	1st Floor	147,000	Wood
Thickener 4 O'Flow	122	T-83	Tank 655122	1st Floor	1,500	Stainless Steel

Table 1. Facility No. 2 Non-Permitted Unit Descriptions, Encycle/Texas, Inc., Corpus Christi, Texas

Encycle Unit Name	NOR Unit Sequence Number	Consent Decree Table 5 Reference No.	Unit Description	Unit Location	Tank Capacity (gallons)	Material of Construction
Mix (Drum Filter Filtrate O'Flow)	123	T-87	Tank 655151	1st Floor	1,700	FRP
Transfer Tank (Green Overflow Tank)	071	T-93	Tank 655163	1st Floor	1,700	FRP
Feed Tank 2	<Deferred Unit - Still in Service>[a]					
Thickener 1 & 2 Overflow	073	T-111	Tank 825203	1st Floor - outside south wall	1,500	FRP
Thickener 3 Overflow	074	T-112	Tank 825208	1st Floor - outside south wall	1,500	FRP
Thickener 6 Overflow	<Deferred Unit - Still in Service>[a]					
Thickener 5 Overflow	131	T-115	Tank 825222	1st Floor	1,500	FRP
North Slurry Tank	138	T-127	Tank 695107	200 feet NW of Facility No. 2	20,000	FRP
South Slurry Tank	139	T-128	Tank 695108	200 feet NW of Facility No. 2	20,000	FRP
HW/NHW Reagent East	156	T-157	Tank 485250	1st Floor - outside west wall	2,000	FRP
Drum Filter 1 - West	177	F-14	Drum Filter West 225088	2nd Floor	NA	Steel
Drum Filter 2 - Middle	178	F-15	Drum Filter Middle 225089	2nd Floor	NA	Steel
Drum Filter 3 - East	179	F-16	Drum Filter East 225090	2nd Floor	NA	Steel
Filter 225040	175	F-18	Vacuum Belt Filter 225040	1st Floor	NA	Steel
Rotary Dryer	185	D-1	Facility 2 Rotary Dryer	1st Floor	NA	Steel
Facility 2 Press	<Deferred Unit - Still in Service>[a]					

Table 1. Facility No. 2 Non-Permitted Unit Descriptions, Encycle/Texas, Inc., Corpus Christi, Texas

Encycle Unit Name	NOR Unit Sequence Number	Consent Decree Table 5 Reference No.	Unit Description	Unit Location	Tank Capacity (gallons)	Material of Construction

NOR Notice of Registration for SWR No. 30003
NA Not applicable
FRP Fiberglass
Poly Polyethylene

a Closure of several units in the Facility No. 2 area (Thickener No. 2, Feed Tank No. 2, Facility 2 Press 225045, and Thickener No. 6 Overflow Tank 825220) has been deferred as part of the facility wastewater treatment system operation as specified in Section 5.1.3 of the August 13, 2004 Stipulation and Order Modifying Consent Decree.

Table 2. Rinse Water Analytical Results Summary - Facility No. 2 Non-Permitted Areas (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Tanks and Filters										
Splitter Box	3/8/04	2nd Floor	<0.01	0.11	<0.01	<0.01	0.04	<0.002	<0.01	<0.005
Tank 605036	2/3/04	2nd Floor	<0.01	0.10	<0.01	<0.01	0.08	<0.002	<0.01	<0.005
Tank 605037	2/3/04	2nd Floor	<0.01	0.10	<0.01	<0.01	0.13	<0.002	<0.01	<0.005
Leach Tank 1	3/8/04	1st Floor	<0.01	0.1	<0.01	<0.01	0.04	<0.002	<0.01	<0.005
Tank 605039 (Leach Tank 2)	4/8/04	1st Floor	0.01	0.06	0.01	<0.01	0.11	<0.002	<0.01	<0.005
Tank 605040 (Leach Tank 3)	4/8/04	1st Floor	<0.01	0.06	<0.01	<0.01	0.03	<0.002	<0.01	<0.005
Tank 605041 (Leach Tank 4)	4/14/04	1st Floor	<0.01	0.07	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Tank 605046 (Surge Tank)	2/25/04	1st Floor	0.01	0.11	0.09	<0.01	0.96	<0.002	<0.01	<0.005
Tank 625016	2/25/04	First Floor - Outside west wall	<0.01	0.10	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
Tank 625018	2/25/04	First Floor - Outside west wall	<0.01	0.11	<0.01	<0.01	0.04	<0.002	<0.01	<0.005
Thickener 1	10/14/04	First Floor - Outside south wall	<0.01	0.11	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Thickener 3	9/22/04	First Floor - Outside south wall	<0.01	0.10	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Thickener 4	2/25/04	1st Floor	<0.01	0.09	0.01	<0.01	0.01	<0.002	<0.01	<0.005
(duplicate)	2/25/04		<0.01	0.09	0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Thickener 5	4/8/04	1st Floor	<0.01	0.07	<0.01	<0.01	0.03	<0.002	<0.01	<0.005

Table 2. Rinse Water Analytical Results Summary - Facility No. 2 Non-Permitted Areas (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Thickener 6	2/25/04	1st Floor	<0.01	0.11	0.04	0.02	0.21	<0.002	<0.01	<0.005
Tank 655122 (Thickener 4 O'Flow)	2/25/04	1st Floor	<0.01	0.10	<0.01	<0.01	0.01	<0.002	<0.01	<0.005
Tank 655151	3/8/04	1st Floor	<0.01	0.11	0.18	0.32	1.24	<0.002	<0.01	<0.005
Tank 655163	4/28/04	1st Floor	<0.01	0.07	<0.01	<0.01	0.05	<0.002	<0.01	<0.005
Tank 825203	3/8/04	First Floor - Outside south wall	<0.01	0.09	0.04	0.01	0.11	<0.002	<0.01	<0.005
Tank 825208	3/8/04	First Floor - Outside south wall	<0.01	0.11	<0.01	<0.01	0.01	<0.002	<0.01	<0.005
Tank 825222	2/25/04	1st Floor	<0.01	0.10	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
N Slurry Tank (Tank 695107)	8/18/04	200 feet northwest of Facility 2	0.07	0.08	0.05	<0.01	3.24	<0.002	0.03	<0.005
	8/26/04		---	---	---	---	6.97	---	---	---
	9/20/04		---	---	---	---	1.41	---	---	---
S Slurry Tank (Tank 695108)	8/18/04	200 feet northwest of Facility 2	0.07	0.09	0.08	<0.01	0.96	<0.002	0.06	<0.005
Tank 485250	2/25/04	First Floor - Outside west wall	<0.01	0.11	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
Drum Filter West	6/9/04	Drum Filter 1 - 2nd Floor	<0.01	0.08	0.07	<0.01	0.27	<0.002	<0.01	<0.005
Drum Filter Middle	6/9/04	Drum Filter 2 - 2nd Floor	<0.01	0.09	0.06	0.02	0.22	<0.002	<0.01	<0.005
Drum Filter East	6/9/04	Drum Filter 3 - 2nd Floor	<0.01	0.09	0.03	<0.01	0.15	<0.002	<0.01	<0.005
Filter 225040	4/8/04	1st Floor	<0.01	0.08	<0.01	<0.01	0.13	<0.002	<0.01	<0.005
Rotory Dryer	6/15/04	1st Floor	0.02	0.10	0.14	0.48	0.68	<0.002	0.01	<0.005

Table 2. Rinse Water Analytical Results Summary - Facility No. 2 Non-Permitted Areas (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Facility No. 2 Stormwater Areas										
Thickener 1 Stormwater Area	10/14/04	Concrete secondary containment area around Thickener 1 & 2 south of Facility 2.	<0.01	0.11	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Thickener 3 Sump	9/22/04	Concrete secondary containment area around Thickener 3 south of Facility 2.	<0.01	0.10	<0.01	<0.01	<0.015	<0.002	<0.01	<0.005
Stormwater Area for Tanks 695018 & 695016	8/18/04	Concrete secondary containment area for Tanks 625016 & 625018 west of Facility 2.	0.05	0.13	0.22	0.06	1.4	<0.002	<0.01	<0.005
Stormwater area (caustic tanks floor) (Tanks 695107 & 695108)	8/18/04	Concrete secondary containment area for North and South Slurry Tanks 200 feet NW of Facility 2.	0.24	0.12	0.3	<0.01	0.76	<0.002	0.05	<0.005
	8/26/04		---	---	---	---	0.91	---	---	---
	9/20/04		---	---	---	---	0.19	---	---	---
Stormwater Paddock for Tank 695018	8/18/04	Concrete truck unloading area west of Facility 2, west of Tank 605046.	<0.01	0.11	<0.01	<0.01	0.02	<0.002	0.01	<0.005
Facility No. 2 Building Secondary Containment Areas										
FAC 2 North Sump	8/26/04	Concrete sump at north end of Facility 2.	<0.01	0.11	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
(duplicate)	8/26/04		<0.01	0.10	<0.01	<0.01	0.02	<0.002	0.02	<0.005
FAC 2 NW Floor	8/26/04	Concrete floor drain east of Tank 605039.	0.01	0.12	0.03	0.02	0.45	<0.002	<0.01	<0.005
FAC 2 SW Floor	8/26/04	Concrete floor drain east of Tank 605046.	<0.01	0.12	<0.01	<0.01	0.05	<0.002	0.02	<0.005
FAC 2 Bottom North Floor	9/20/04	Concrete sump southwest of Thickener 6.	<0.01	0.08	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
(duplicate)	9/20/04		<0.01	0.09	<0.01	<0.01	0.02	<0.002	<0.01	<0.005
FAC 2 Bottom South Floor	9/20/04	Concrete sump northwest of Thickener 4.	<0.01	0.08	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005

Table 2. Rinse Water Analytical Results Summary - Facility No. 2 Non-Permitted Areas (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Location	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Field Blank	2/25/04		<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Field Blank	6/9/04		<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Field Blank	8/26/04		<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.005
Decontamination Rinsate Standards:[a]			5.0	100	0.5	5.0	1.5	0.2	1.0	2.0

mg/L Milligrams per liter

--- Not analyzed

a Decontamination Rinsate Standards given in Table 3 of Exhibit 5 of the Consent Decree issued to Encycle/Texas, Inc. and ASARCO, Inc., which was entered in the U.S. District Court for the Southern District of Texas on October 6, 1999.

Note: Numbers in **bold** exceed rinse water decontamination standards specified in the TCEQ April 27, 2000 letter (decontamination rinsate standards given in Table 3 of Exhibit 5 of the Consent Decree).

Table 3. Analytical Results Summary - Soil Samples Below Cracks in Facility No. 2 Concrete Floor (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Depth (ft)	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	CN	Lead	Mn	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Facility 2, Crack 1	9/16/04	0-0.5	<1	8	22	<2.5	**264**	3	4	**44**	<1	**148**	155	<0.2	20	<1	<0.5	<1	<2	2	2,130
		2-2.5	---	---	---	---	**612**	---	---	8	---	14	---	---	---	---	---	---	---	---	29800
Facility 2, Crack 2	9/16/04	0-0.5	<1	3	11	<3.6	**69**	2	4	13	<1	7	138	<0.2	9	<1	<0.5	<1	<2	5	1,910
		2-2.5	---	---	---	---	**983**	---	---	---	---	---	---	---	---	---	---	---	---	---	28200
Facility 2, Crack 3	9/16/04	0-0.5	<1	7	137	<3.6	**312**	3	**23**	3	<1	5	<1	<0.2	15	<1	<0.5	<1	<2	8	<1
		2-2.5	---	---	---	---	**544**	---	**11**	---	---	---	---	---	---	---	---	---	---	---	---
Facility 2, Crack 4	9/16/04	0-0.5	<1	8	222	<3.5	**784**	5	**26**	**152**	<1	**161**	<1	<0.2	**27**	<1	<0.5	<1	<2	10	<1
	SPLP	0-0.5	---	---	---	---	***(1.56)***	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		2-2.5	---	---	---	---	3	---	3	5	---	6	---	---	6	---	---	---	---	---	---
Facility 2, Crack 5	9/16/04	0-0.5	<1	4	50	<3.7	**27**	2	1	8	<1	12	96	<0.2	2	<1	<0.5	<1	<2	9	1,780
		2-2.5	---	---	---	---	**332**	---	---	---	---	---	---	---	---	---	---	---	---	---	55800
Facility 2, Crack 6	9/29/04	0-0.5	<1	6	33	<4	**112**	8	2	**45**	<1	18	128	<0.2	**55**	<1	<0.5	<1	<2	8	13,100
	DUP	0-0.5	<1	9	141	<3.5	**378**	4	6	**144**	<1	17	<1	<0.2	23	<1	<0.5	<1	<2	14	65,000
	9/29/04	2-2.5	---	---	---	---	**279**	---	---	**187**	---	---	---	---	**39**	---	---	---	---	---	39,200
	DUP	2-2.5	---	---	---	---	**312**	---	---	**108**	---	---	---	---	---	---	---	---	---	---	50,500
Facility 2, Crack 7	9/16/04	0-0.5	<1	2	222	<3.9	3	3	2	5	<1	9	153	<0.2	4	<1	<0.5	<1	<2	9	94
Facility 2, Crack 8	9/16/04	0-0.5	<1	8	27	<3.4	**295**	2	5	6	<1	5	<1	<0.2	3	<1	<0.5	<1	<2	7	<1
		2-2.5	---	---	---	---	**225**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Facility 2, Crack 9	9/16/04	0-0.5	<1	2	83	<3.8	9	2	2	9	<1	14	149	<0.2	3	<1	<0.5	<1	<2	8	801
		2-2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1830
Facility 2,Crack 10	9/7/04	0-0.5	<1	6	114	<4.4	**72**	6	3	16	<1	15	247	**0.1**	5	<1	<0.5	**2**	<2	11	2,490
		2-2.5	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	<1	---	---	40
Facility 2,Crack 11	9/7/04	0-0.5	<1	16	65	<4.4	**682**	5	5	**160**	<1	5	**572**	<0.2	5	<1	<0.5	<1	<2	11	11,000
		2-2.5	---	---	---	---	1	---	---	8	---	---	255	---	---	---	---	---	---	---	3

Table 3. Analytical Results Summary - Soil Samples Below Cracks in Facility No. 2 Concrete Floor (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Depth (ft)	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	CN	Lead	Mn	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Facility 2,Crack 12	9/7/04	0-0.5	<1	3	98	<3.6	7	4	2	**54**	<1	30	122	**0.2**	4	<1	<0.5	**2**	<2	9	499
		2-2.5	---	---	---	---	---	---	---	3	---	---	---	---	---	---	---	<1	---	---	3
Facility 2,Crack 13	9/7/04	0-0.5	<1	14	47	<3.8	**314**	8	**17**	**92**	<1	31	**1,080**	0.06	**35**	<1	<0.5	<1	<2	8	9,320
		2-2.5	---	---	---	---	**408**	---	3	**21**	---	---	<1	---	6	---	---	---	---	---	44300
Facility 2,Crack 14	9/7/04	0-0.5	<1	14	42	<4.3	**533**	3	9	31	<1	2	**531**	0.02	9	<1	<0.5	**2**	<2	8	9,180
		2-2.5	---	---	---	---	**360**	---	---	---	---	---	<1	---	---	---	---	<1	---	---	3
Facility 2,Crack 15	9/7/04	0-0.5	<1	15	53	<4	**574**	**19**	7	**63**	<1	12	**449**	0.05	**26**	<1	<0.5	1	<2	10	8,810
		2-2.5	---	---	---	---	**250**	6	---	6	---	---	280	---	20	---	---	---	---	---	4
Facility 2 Sump	9/29/04	0-0.5	<1	14	57	<4.5	**449**	8	3	**282**	<1	37	325	<0.2	**53**	<1	<0.5	<1	<2	8	40,600
		2-2.5	---	---	---	---	**255**	---	---	**83**	---	---	---	---	**62**	---	---	---	---	---	20,100
Soil Background Concentrations																					
0-0.5':				16.65		4.9	11.70		9.72	40.33	0.24	109.16	333.73	0.09	25.8	0.89			7.65		(a)
2-2.5':				8.01			4.47			17.20		54.36	360.83		27.21						
unsaturated below 2.5':				21.86			4.97			16.15		38.96	592.50		29.74						
saturated soil sample:				9.8			3.64			18.26		30.92	686.68		25.86						
clay/silt strata:			0.77		720			14.9									0.54	1.02		35.6	
clean sand strata (SP/SW):			0.80		202			35.9									0.50	1.0		15.7	
TCEQ TRRP PCLs[b]																					
Residential $^{Tot}Soil_{Comb}$ Tier 1 PCL:[c]			15	24	2,800	37000	52	30000	3400	550	1600	500	3700	8.3	840	310	96	6.3	35000	290	9900
Commercial/Ind $^{Tot}Soil_{Comb}$ Tier 1 PCL:[c]			310	200	39,000	410000	850	95000	19000	38000	19000	1600	36000	19	8800	4800	1900	78	40000	2400	2.5E+05
Residential $^{GW}Soil_{Class\ 3}$ Tier 1 PCL:[d]			540	500	44,000		150	240000	1.3E+05	1E+05	4000	300	120000	210	16000	230	48	170	1E+06	340000	240000
Commercial/Ind $^{GW}Soil_{Class\ 3}$ Tier 1 PCL:[d]			540	500	44,000		150	240000	4E+05	1E+05	4000	300	1000000	210	47000	230	140	170	1E+06	1E+06	7E+05
Tier 1 Groundwater PCL (Class 3):[e]			0.6	1	200	1,200	0.5	10	150	130	20	1.5	110	0.2	49	5	12	0.2	1500	17	730

Table 3. Analytical Results Summary - Soil Samples Below Cracks in Facility No. 2 Concrete Floor (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

SAMPLE ID	Date Sampled	Sample Depth (ft)	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	CN	Lead	Mn	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc

mg/kg	Milligrams per kilogram
CN	Cyanide
Mn	Manganese
DUP	Duplicate
SPLP	Synthetic precipitation leaching procedure concentration (results in mg/L in *italics*)
a	*April 28, 1997 TNRCC letter stated zinc would not be a good release indicator for a unit at the site. Therefore, zinc background level not given.*
b	Texas Risk Reduction Program (TRRP) Tier 1 Protective Concentration Levels (PCLs) - 30 TAC Chapter 350.
c	TRRP Tier 1 soil PCL for combined ingestion, dermal contact, inhalation of volatiles and particulates, and ingestion of above-ground and below-ground vegetables with constituents of concern (COCs) in soil. 0.5 acre source area.
d	TRRP Tier 1 soil PCL for soil-to-groundwater leaching of COCs to saline (Class 3) groundwater. 0.5 acre source area.
e	TRRP Tier 1 Groundwater PCL for Class 3 groundwater (total dissolved solids >10,000 mg/L).

Notes: 1) Numbers in **bold** exceed TCEQ-approved background concentrations established for the site.

2) SPLP results parenthesized in *italics.*

3) Numbers **boxed** exceed the TRRP Tier 1 comm/ind PCL for $^{Tot}Soil_{Comb}$.

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Fill/Alluvium Upgradient Monitor Wells																					
MW-3	01/30/86	---	---	0.007	---	---	---	---	---	0.01	---	<0.001	---	---	---	---	---	---	---	---	0.06
	01/30/87	---	---	0.009	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.02
	02/01/88	---	---	0.014	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.01
	01/27/89	---	---	0.012	---	---	---	---	---	<0.01	---	0.003	---	---	---	---	---	---	---	---	0.06
	01/23/90	---	---	0.010	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	0.03
	01/09/91	---	---	0.006	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.03
	01/17/92	---	---	0.015	---	---	---	---	---	0.03	---	<0.001	---	---	---	---	---	---	---	---	<0.01
	02/14/94	---	---	0.014	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	0.01
	01/30/95	---	---	0.013	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	0.03
	02/20/98	11,200*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/20/98	14,800**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/23/99	---	---	0.016	0.037	---	<0.01	<0.01	---	---	---	0.007	1.8	<0.0005	---	0.007	<0.005	---	---	---	---
	10/20/99	---	---	0.016	0.037	---	<0.01	<0.01	---	---	---	<0.01	2.5	<0.0005	---	<0.01	<0.005	---	---	---	---
	01/27/00	---	---	0.011	0.043	---	0.008	<0.01	---	---	---	<0.02	1.3	<0.0005	---	0.012	<0.005	---	---	---	---
(dup-1)	01/27/00	---	---	0.008	0.051	---	0.005	<0.01	---	---	---	0.02	2.4	<0.0005	---	<0.01	<0.005	---	---	---	---
	04/25/00	14,870	---	0.016	0.043	---	<0.005	<0.01	---	---	---	0.009	1.8	<0.0005	---	<0.01	<0.005	---	---	---	---
	06/30/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	1.7	---	<0.05	<0.01	---	<0.002	<0.05	0.065	0.18
	07/28/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	1.8	---	<0.05	0.015	---	<0.002	<0.05	0.063	0.073
	08/17/00	---	<0.05	---	---	<0.05	---	<0.01	<0.05	<0.05	<0.004	---	3.1	---	<0.05	0.015	---	<0.002	<0.05	0.066	0.12
	12/11/00	---	---	0.016	<0.05	---	<0.01	<0.01	---	---	---	<0.02	2.3	<0.0005	---	<0.01	<0.01	---	---	---	---
	06/14/01	---	---	0.016	<0.05	---	<0.01	0.028	---	---	---	<0.02	1.4	<0.0005	---	0.012	<0.005	---	---	---	---
	12/12/01	---	---	0.015	0.036	---	<0.01	<0.01	---	---	---	<0.01	1.6	<0.0005	---	<0.01	<0.005	---	---	---	---
MW-10	04/29/99	9,238	---	0.026	0.55	---	0.018	0.08	---	---	---	0.11	1.9	0.00058	---	0.25	<0.005	---	---	---	---
	07/23/99	---	---	0.016	0.15	---	<0.01	0.028	---	---	---	0.03	1.2	<0.0005	---	0.16	<0.005	---	---	---	---
	10/20/99	---	---	0.025	0.074	---	<0.01	<0.01	---	---	---	0.013	6.6	0.00057	---	0.049	<0.005	---	---	---	---
	01/27/00	---	---	0.007	0.14	---	<0.01	0.021	---	---	---	0.032	3.6	<0.0005	---	0.12	<0.005	---	---	---	---
	06/30/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	1.9	---	<0.05	0.14	---	<0.002	<0.05	<0.05	0.62
	07/28/00	---	0.087	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	1.0	---	<0.05	0.22	---	<0.002	<0.05	<0.05	0.11
	08/17/00	---	<0.05	---	---	<0.05	---	0.02	<0.05	<0.05	<0.004	---	0.9	---	<0.05	0.21	---	<0.002	<0.05	0.056	0.36
	12/11/00	---	---	0.013	0.078	---	<0.01	<0.01	---	---	---	<0.02	0.34	<0.0005	---	0.17	<0.01	---	---	---	---
	06/14/01	---	---	0.03	0.054	---	0.01	<0.01	---	---	---	<0.02	1.1	<0.0005	---	0.28	<0.005	---	---	---	---
	12/12/01	---	---	0.02	0.028	---	<0.01	<0.01	---	---	---	<0.01	2.3	<0.0005	---	0.045	<0.005	---	---	---	---
Background Mean (x)[a]:			0.035	0.0157	0.125	0.05	0.0065	0.0177	0.05	0.05	0.004	0.0262	2.57	0.00032	0.05	0.068	0.0025	0.002	0.05	0.05	0.240
Background Standard Deviation (S):			0.025	0.0066	0.165	0	0.0045	0.0249	0	0	0	0.0329	1.68	0.00014	0	0.089	0	0	0	0.02	0.210
Background Upper Tolerance Interval (x = KS)[b]:			0.127[d]	0.036[c]	0.62[c]	0.05[d]	0.02[c]	0.093[c]	0.05[d]	0.05[d]	0.004[d]	0.126[c]	7.6[c]	0.0007[c]	0.05[d]	0.34[c]	0.0025[c]	0.002[d]	0.05[d]	0.12[d]	1.02[d]

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Fill/Alluvium Downgradient Wells																					
MW-2	01/30/86	---	---	0.011	---	---	---	---	---	0.01	---	0.006	---	---	---	---	---	---	---	---	0.06
	01/30/87	---	---	0.002	---	---	---	---	---	<0.01	---	0.005	---	---	---	---	---	---	---	---	0.03
	02/01/88	---	---	0.001	---	---	---	---	---	<0.01	---	0.002	---	---	---	---	---	---	---	---	0.02
	01/27/89	---	---	0.002	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	<0.01
	01/23/90	---	---	0.003	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	<0.01
	01/09/91	---	---	0.004	---	---	---	---	---	<0.01	---	0.006	---	---	---	---	---	---	---	---	0.02
	01/17/92	---	---	0.005	---	---	---	---	---	**0.10**	---	0.006	---	---	---	---	---	---	---	---	0.05
	02/14/94	---	---	0.004	---	---	---	---	---	<0.01	---	0.002	---	---	---	---	---	---	---	---	0.01
	01/30/95	---	---	0.004	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.01
	02/20/98	66,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/30/00	---	<0.05	<0.005	0.081	<0.05	<0.005	<0.01	<0.05	<0.05	<0.004	<0.02	2.9	<0.0005	<0.05	0.027	<0.01	<0.002	<0.05	<0.05	0.079
	07/28/00	---	<0.05	<0.009	0.069	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	2.6	<0.0005	<0.05	0.027	**0.02**	<0.002	<0.05	<0.05	<0.05
(dup)	07/28/00	---	<0.05	<0.009	0.072	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	2.6	<0.0005	<0.05	0.017	<0.005	**0.005**	<0.05	<0.05	<0.05
	08/17/00	---	<0.05	<0.008	0.072	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	3.1	<0.0005	<0.05	0.024	<0.005	<0.002	<0.05	<0.05	<0.05
MW-4	01/30/86	---	---	0.009	---	---	---	---	---	0.01	---	<0.001	---	---	---	---	---	---	---	---	0.08
	01/30/87	---	---	0.003	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	<0.01
	02/01/88	---	---	0.003	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.01
	01/27/89	---	---	0.001	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	<0.01
	01/23/90	---	---	0.002	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	<0.01
	01/09/91	---	---	0.001	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.02
	01/17/92	---	---	0.009	---	---	---	---	---	**0.09**	---	0.002	---	---	---	---	---	---	---	---	0.11
	02/14/94	---	---	0.002	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	<0.01
	01/30/95	---	---	0.001	---	---	---	---	---	0.01	---	0.001	---	---	---	---	---	---	---	---	0.01
	02/20/98	57,700*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/20/98	62,200**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/30/00	---	<0.05	<0.005	<0.05	<0.05	<0.005	<0.01	<0.05	<0.05	<0.004	<0.02	1.4	<0.0005	<0.05	0.016	<0.005	<0.002	<0.05	<0.05	0.063
(dup)	06/30/00	---	<0.05	<0.005	<0.05	<0.05	<0.005	<0.01	<0.05	<0.05	<0.004	0.02	1.4	<0.0005	<0.05	0.016	<0.005	<0.002	**0.10**	<0.05	0.061
	07/28/00	---	<0.05	<0.009	<0.05	<0.05	0.02	<0.01	<0.05	<0.05	<0.004	<0.02	1.1	<0.0005	<0.05	0.03	<0.005	**0.011**	<0.05	<0.05	<0.05
	08/17/00	---	<0.05	<0.008	0.054	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	1.2	<0.0005	<0.05	0.022	<0.005	**0.007**	<0.05	<0.05	<0.05
MW-5	01/30/87	---	---	0.006	---	---	---	---	---	0.02	---	0.004	---	---	---	---	---	---	---	---	0.24
	02/01/88	---	---	0.011	---	---	---	---	---	<0.01	---	0.001	---	---	---	---	---	---	---	---	**1.6**
	01/27/89	---	---	0.003	---	---	---	---	---	<0.01	---	0.002	---	---	---	---	---	---	---	---	<0.01
	01/23/90	---	---	0.021	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	**9.5**
	02/16/90	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2.3**
	01/09/91	---	---	0.009	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	0.03

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
MW-5	01/17/92	---	---	0.004	---	---	---	---	---	**0.08**	---	<0.001	---	---	---	---	---	---	---	---	0.27
(cont.)	02/14/94	---	---	0.016	---	---	---	---	---	<0.01	---	<0.001	---	---	---	---	---	---	---	---	**6.4**
	01/30/95	---	---	0.017	---	---	---	---	---	<0.01	---	0.032	---	---	---	---	---	---	---	---	**10**
	06/30/00	---	<0.05	0.023	<0.05	<0.05	0.006	<0.01	<0.05	<0.05	<0.004	<0.02	**19**	<0.0005	<0.05	<0.01	**0.019**	<0.002	<0.05	<0.05	**6.6**
	07/28/00	---	<0.05	<0.009	<0.05	<0.05	**0.1**	<0.01	<0.05	<0.05	<0.004	<0.02	**20**	<0.0005	**0.08**	0.039	<0.005	**0.003**	<0.05	<0.05	**7.1**
	08/17/00	---	<0.05	<0.008	0.051	<0.05	**0.023**	<0.01	<0.05	<0.05	<0.004	<0.02	**12**	<0.0005	<0.05	0.03	<0.005	**0.004**	<0.05	<0.05	<0.05
MW-6	06/07/93	32,954	---	<0.02	---	---	0.005	---	---	<0.008	---	<0.02	0.48	---	<0.02	---	---	---	---	---	0.064
(dup)	06/07/93	---	---	<0.02	---	---	0.006	---	---	<0.008	---	<0.02	0.45	---	<0.02	---	---	---	---	---	0.075
	06/17/93	10,654	---	<0.02	---	---	**0.027**	---	---	0.035	---	0.028	0.5	---	<0.02	---	---	---	---	---	0.11
	06/24/93	9,717	---	<0.02	---	---	<0.008	---	---	<0.02	---	<0.02	0.8	---	<0.02	---	---	---	---	---	0.043
	02/20/98	22,000*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/20/98	32,000**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/29/99	---	---	<0.005	0.065	---	<0.01	<0.01	---	---	---	<0.02	0.52	<0.0005	---	<0.01	<0.005	---	---	---	---
	07/23/99	---	---	<0.005	0.024	---	<0.01	<0.01	---	---	---	<0.005	0.43	<0.0005	---	0.006	<0.005	---	---	---	---
	10/20/99	---	---	0.008	0.041	---	<0.01	<0.01	---	---	---	<0.01	0.50	<0.0005	---	<0.01	<0.005	---	---	---	---
	01/27/00	---	---	<0.005	0.11	---	<0.01	<0.01	---	---	---	0.036	0.61	<0.0005	---	<0.01	<0.005	---	---	---	---
	06/30/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.46	---	<0.05	0.014	---	<0.002	<0.05	<0.05	0.065
	07/28/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.46	---	<0.05	0.017	---	<0.002	<0.05	<0.05	<0.05
	08/17/00	---	<0.05	---	---	<0.05	---	<0.01	<0.05	<0.05	<0.004	---	0.43	---	<0.05	0.034	---	<0.002	<0.05	<0.05	<0.05
(dup)	08/17/00	---	<0.05	---	---	<0.05	---	<0.01	<0.05	<0.05	<0.004	---	0.44	---	<0.05	0.026	---	<0.002	<0.05	<0.05	<0.05
	12/11/00	---	---	0.012	<0.05	---	<0.01	<0.01	---	---	---	<0.02	0.27	<0.0005	---	0.023	<0.01	---	---	---	---
	06/14/01	---	---	0.008	<0.05	---	<0.01	0.013	---	---	---	<0.02	0.34	<0.0005	---	0.014	<0.005	---	---	---	---
	12/12/01	---	---	0.01	0.045	---	<0.01	<0.01	---	---	---	<0.01	0.28	<0.0005	---	<0.01	<0.005	---	---	---	---
MW-8	04/29/99	---	---	0.006	0.16	---	<0.01	<0.01	---	---	---	<0.02	0.45	<0.0005	---	0.011	<0.005	---	---	---	---
	07/23/99	---	---	0.012	0.12	---	<0.01	<0.01	---	---	---	0.006	0.27	**0.00082**	---	0.17	<0.005	---	---	---	---
	10/20/99	---	---	0.007	0.076	---	<0.01	<0.01	---	---	---	<0.01	0.48	<0.0005	---	0.13	<0.005	---	---	---	---
	01/27/00	---	---	<0.005	0.049	---	<0.01	<0.01	---	---	---	<0.02	0.62	<0.0005	---	0.02	<0.005	---	---	---	---
	06/30/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.77	---	<0.05	<0.01	---	<0.002	**0.84**	<0.05	0.17
	07/28/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.48	---	<0.05	0.031	---	<0.002	<0.05	<0.05	0.059
	08/17/00	---	<0.05	---	---	<0.05	---	<0.01	<0.05	<0.05	<0.004	---	0.62	---	<0.05	0.025	---	<0.002	<0.05	<0.05	0.097
	12/11/00	---	---	<0.005	0.10	---	<0.01	<0.01	---	---	---	0.032	0.61	**0.00082**	---	<0.01	<0.01	---	---	---	---
	06/14/01	---	---	0.011	0.075	---	<0.01	<0.01	---	---	---	<0.02	0.63	<0.0005	---	0.024	<0.005	---	---	---	---
(dup)	06/14/01	---	---	0.013	0.051	---	<0.01	<0.01	---	---	---	<0.02	0.62	<0.0005	---	0.021	<0.005	---	---	---	---
	12/12/01	---	---	0.015	0.037	---	<0.01	<0.01	---	---	---	<0.01	0.14	<0.0005	---	0.28	<0.005	---	---	---	---

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
MW-9	04/29/99	---	---	0.02	0.5	---	<0.01	0.063	---	---	---	0.053	1.8	0.00044	---	<0.01	<0.005	---	---	---	---
	07/23/99	---	---	0.015	0.039	---	<0.01	<0.01	---	---	---	<0.005	0.62	<0.0005	---	<0.005	<0.005	---	---	---	---
	10/20/99	---	---	0.017	0.029	---	<0.01	<0.01	---	---	---	<0.01	1.1	<0.0005	---	<0.01	<0.005	---	---	---	---
	01/27/00	---	---	<0.005	0.045	---	<0.01	<0.01	---	---	---	<0.02	0.56	<0.0005	---	<0.01	<0.005	---	---	---	---
	06/30/00	---	<0.05	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.57	---	<0.05	<0.01	---	<0.002	**0.27**	0.058	0.3
	07/28/00	---	**0.18**	---	---	<0.05	---	---	<0.05	<0.05	<0.004	---	0.33	---	<0.05	0.02	---	<0.002	<0.05	<0.05	<0.05
	08/17/00	---	0.052	---	---	<0.05	---	0.017	<0.05	<0.05	<0.004	---	0.49	---	<0.05	0.029	---	<0.002	<0.05	0.057	0.26
	12/11/00	---	---	0.012	<0.05	---	<0.01	<0.01	---	---	---	<0.02	0.21	<0.0005	---	0.011	<0.01	---	---	---	---
(dup)	12/11/00	---	---	0.014	<0.05	---	<0.01	<0.01	---	---	---	<0.02	0.2	<0.0005	---	0.011	<0.01	---	---	---	---
	06/14/01	---	---	0.017	0.057	---	0.01	<0.01	---	---	---	<0.02	0.43	<0.0005	---	0.016	<0.005	---	---	---	---
	12/12/01	---	---	0.025	0.043	---	<0.01	<0.01	---	---	---	<0.01	0.77	<0.0005	---	<0.01	<0.005	---	---	---	---
(dup)	12/12/01	---	---	0.025	0.05	---	<0.01	<0.01	---	---	---	<0.01	0.81	<0.0005	---	<0.01	<0.005	---	---	---	---
Beaumont Formation Monitor Wells																					
MW-7	06/07/93	6,646	---	0.033	---	---	<0.003	---	---	0.008	---	<0.02	0.44	---	<0.02	---	---	---	---	---	0.026
	06/17/93	7,026	---	0.022	---	---	**0.056**	---	---	0.01	---	<0.02	0.3	---	<0.02	---	---	---	---	---	0.26
	06/24/93	7,068	---	0.02	---	---	<0.008	---	---	<0.02	---	<0.02	0.35	---	<0.02	---	---	---	---	---	0.013
(dup)	06/24/93	7,101	---	0.024	---	---	<0.008	---	---	<0.02	---	<0.02	0.38	---	<0.02	---	---	---	---	---	0.014
	02/20/98	7,680*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	02/20/98	8,540**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/01	---	<0.05	**0.044**	0.085	<0.05	<0.01	<0.1	<0.05	<0.05	<0.004	<0.02	0.16	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	**0.051**	0.062	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.17	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	**0.063**	0.07	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.019	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
MW-11	12/11/01	---	<0.05	<0.005	0.12	**0.059**	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	**7.7**	<0.0005	<0.05	0.015	<0.005	<0.002	<0.05	<0.05	0.18
	01/16/02	---	<0.05	0.006	0.066	<0.05	<0.01	<0.01	<0.05	<0.05	**0.039**	<0.02	6.2	<0.0005	**0.053**	<0.01	<0.005	<0.002	<0.05	<0.05	0.06
	02/12/02	---	<0.05	<0.005	0.066	<0.05	<0.01	<0.01	<0.05	**0.061**	<0.004	<0.02	7.3	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
MW-12	12/27/01	---	<0.05	0.023	0.11	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.13	<0.0005	<0.05	0.27	<0.005	<0.002	<0.05	<0.05	0.092
	01/16/02	---	<0.05	0.032	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.071	<0.0005	<0.05	**0.40**	<0.005	<0.002	<0.05	<0.05	0.062
(dup)	01/16/02	---	<0.05	0.029	0.16	<0.05	<0.01	0.01	<0.05	<0.05	<0.004	<0.02	0.21	<0.0005	<0.05	0.31	<0.005	<0.002	<0.05	0.054	0.19
	02/12/02	---	<0.05	0.035	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.064	<0.0005	<0.05	**0.38**	<0.005	<0.002	<0.05	<0.05	<0.05
MW-13	12/11/01	---	<0.05	0.006	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	**0.14**	<0.02	0.2	<0.0005	<0.05	0.28	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	0.012	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.065	<0.0005	<0.05	**0.49**	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	0.016	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.037	<0.0005	<0.05	**0.42**	<0.005	<0.002	<0.05	<0.05	<0.05
(dup)	02/12/02	---	<0.05	0.017	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.043	<0.0005	<0.05	**0.44**	<0.005	<0.002	<0.05	<0.05	<0.05

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
MW-14	12/11/01	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.18	<0.0005	<0.05	0.067	<0.005	<0.002	<0.05	<0.05	0.06
	01/16/02	---	<0.05	0.009	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.077	<0.0005	<0.05	0.12	<0.005	<0.002	<0.05	<0.05	0.089
	02/12/02	---	<0.05	0.009	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.034	<0.0005	<0.05	0.11	<0.005	<0.002	<0.05	<0.05	0.053
MW-15	12/11/01	---	<0.05	0.012	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	**0.23**	<0.02	2.0	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	0.027	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	2.7	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	0.018	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	3.1	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
MW-16	12/11/01	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.05	0.00056	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	0.012	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
MW-17	12/11/01	---	<0.05	<0.005	0.11	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.17	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.081
(dup)	12/11/01	---	<0.05	0.013	0.13	<0.05	<0.01	0.01	<0.05	<0.05	<0.004	<0.02	0.83	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.084
	01/16/02	---	<0.05	0.026	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.50	<0.0005	<0.05	0.011	<0.005	<0.002	<0.05	<0.05	0.069
	02/12/02	---	<0.05	0.024	<0.05	<0.05	<0.01	0.01	<0.05	<0.05	<0.004	<0.02	0.46	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.160
MW-18	12/11/01	---	<0.05	<0.005	0.24	<0.05	<0.01	0.041	<0.05	**0.056**	<0.004	0.039	0.55	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	0.086	0.71
	01/16/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	0.064	<0.005	<0.002	<0.05	<0.05	0.36
	02/12/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.021	<0.0005	<0.05	0.043	<0.005	<0.002	<0.05	<0.05	0.36
	7/19/02***	---	<0.05	0.006	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	0.037	<0.005	<0.002	<0.05	<0.05	0.42
MW-19	12/11/01	---	<0.05	<0.005	0.2	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.83	<0.0005	<0.05	0.022	<0.005	<0.002	<0.05	0.086	0.11
	01/16/02	---	<0.05	0.005	0.064	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.55	<0.0005	<0.05	0.050	<0.005	<0.002	<0.05	0.069	<0.05
	02/12/02	---	<0.05	<0.005	0.068	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.44	<0.0005	<0.05	0.032	<0.005	<0.002	<0.05	0.071	<0.05
MW-20	12/11/01	---	<0.05	<0.005	0.069	<0.05	<0.01	0.029	<0.05	<0.05	<0.004	<0.02	0.36	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	<0.005	0.056	<0.05	<0.01	0.012	<0.05	<0.05	<0.004	<0.02	0.13	<0.0005	<0.05	0.020	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	0.010	<0.05	<0.05	<0.004	<0.02	0.036	<0.0005	<0.05	0.014	<0.005	<0.002	<0.05	<0.05	<0.05
MW-21	12/11/01	---	<0.05	<0.005	0.07	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.51	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	0.062	<0.05
	01/16/02	---	<0.05	0.010	0.087	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.39	<0.0005	<0.05	0.011	<0.005	<0.002	<0.05	0.11	<0.05
	02/12/02	---	<0.05	0.011	0.084	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	0.24	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	0.11	<0.05

Table 4. Analytical Results Summary - Groundwater (mg/L), Encycle/Texas, Inc., Corpus Christi, Texas

Well	Sample Date	TDS	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Field	04/29/99	---	---	<0.005	<0.05	---	<0.01	<0.01	---	---	---	<0.02	<0.015	<0.0005	---	<0.01	<0.005	---	---	---	---
Blank	06/30/00	---	<0.05	<0.005	<0.05	<0.05	<0.005	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.077
	07/28/00	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	08/17/00	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	**0.006**	<0.05	<0.05	<0.05
	12/11/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/11/01	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.05	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	12/12/01	---	---	<0.005	<0.01	---	<0.01	<0.01	---	---	---	<0.01	<0.015	<0.0005	---	<0.01	<0.005	---	---	---	---
	12/27/01	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	01/16/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	02/12/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
	07/19/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
Trip	07/23/99	---	---	<0.005	<0.01	---	<0.01	<0.01	---	---	---	<0.005	<0.015	<0.0005	---	<0.005	<0.005	---	---	---	---
Blank	10/20/99	---	---	<0.005	<0.01	---	<0.01	<0.01	---	---	---	<0.01	<0.01	<0.0005	---	<0.01	<0.005	---	---	---	---
	01/27/00	---	---	<0.005	<0.05	---	<0.01	<0.01	---	---	---	<0.02	0.02	<0.0005	---	<0.01	<0.005	---	---	---	---
	04/25/00	---	---	<0.005	<0.01	---	<0.005	<0.01	---	---	---	<0.005	<0.015	<0.0005	---	<0.01	<0.005	---	---	---	---
	12/11/00	---	---	<0.005	<0.05	---	<0.01	<0.01	---	---	---	<0.02	<0.015	<0.0005	---	<0.01	<0.01	---	---	---	---
	06/14/01	---	---	<0.005	<0.05	---	<0.01	<0.01	---	---	---	<0.02	<0.015	<0.0005	---	<0.01	<0.005	---	---	---	---
	12/12/01	---	---	<0.005	<0.01	---	<0.01	<0.01	---	---	---	<0.01	<0.015	<0.0005	---	<0.01	<0.005	---	---	---	---
	02/12/02	---	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	<0.0005	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05
TNRCC RRS2 MSCs[e]																					
Adjusted GW (mg/L):			0.6	1	200		0.5	10	610	130	20	1.5	1400	0.2	200	5	51	0.2	6100	72	3100

* Sample collected with Teflon bailer from top of water column in well bore.

** Sample collected with bottom-filling Teflon bailer from base of well bore.

*** Sample collected on July 19, 2002 following a release of stormwater from a broken PVC pipe near the South Demin Tank. Stormwater flowed to the monitor well MW-18 area.

--- Not analyzed

dup Duplicate

TDS Total dissolved solids

a *Non-detects were assigned a value of one-half the detection limit, except when all observations were non-detectable the detection limit was used as the constituent concentration.*

b K=Tolerance factor for one-sided normal tolerance interval with 0.95 probability level (U.S. EPA, Feb. 1989)

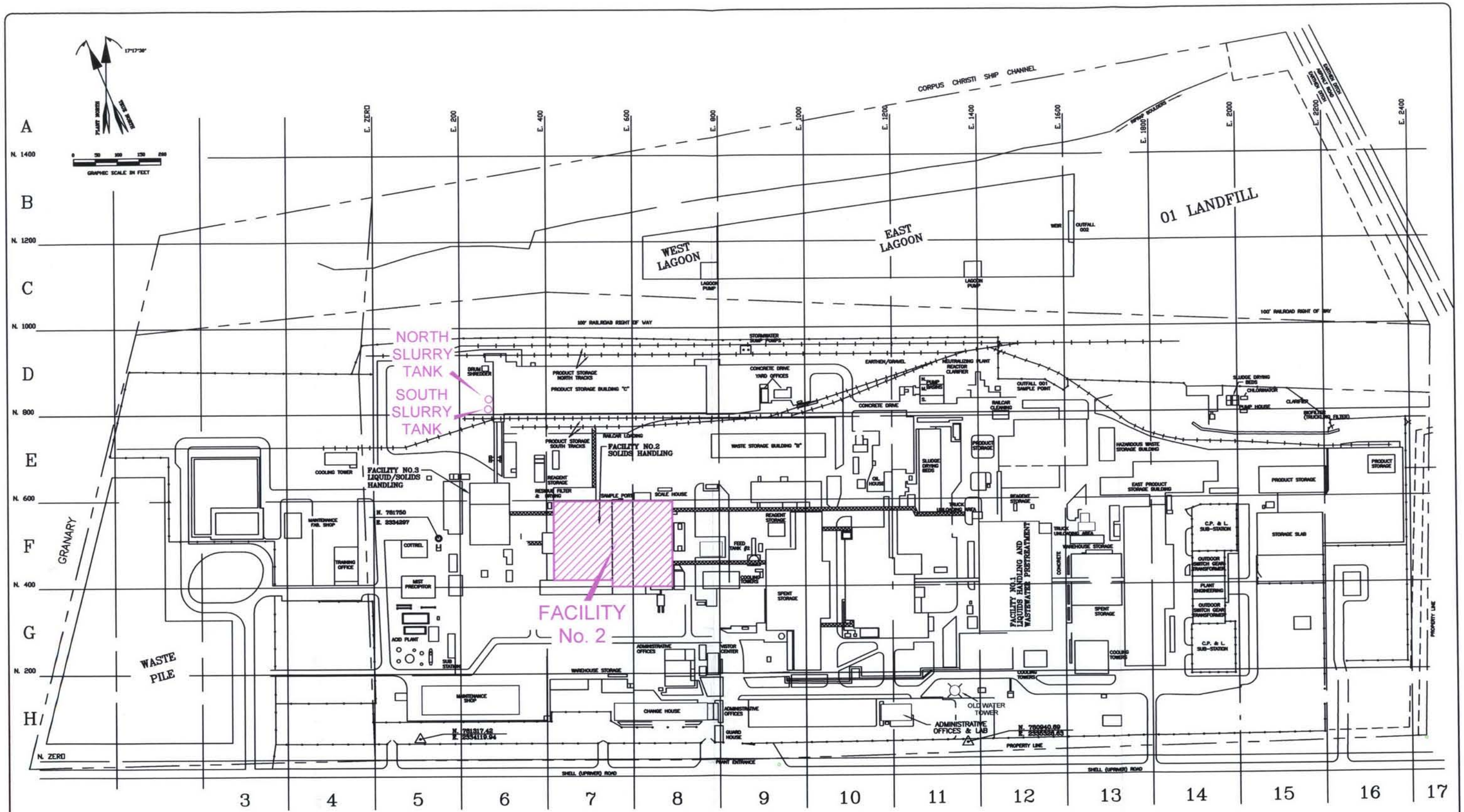
c Background data for arsenic, barium, cadmium, chromium, lead, maganese, mercury, selenium, and silver taken from monitor wells MW-3 and MW-10 during the first year of quarterly groundwater monitoring (April 1999 - April 2000) as part of the East and West Lagoons groundwater monitoring program.

d Background data for antimony, bismuth, cobalt, copper, cyanide, manganese, nickel, selenium, thallium, tin, vanadium, and zinc taken from monitor wells MW-3 and MW-10 during the RFI monthly groundwater sampling events conducted during June, July, and August 2000.

e Adjusted Risk Reduction Standard No. 2 (RRS2) medium specific concentration (MSC) for groundwater (adjusted for saline groundwater).

Note: Numbers in **bold** indicate concentrations above the background upper tolerance limit.

FIGURES



SCALE VERIFICATION	REV. NO.	DATE	DESCRIPTION	BY	APPR.	PROJECT NO.: CC009867.0001	FILE NO:
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:						DRAWING: FAC-E-SITE	PLOT SIZE: 1=1200
USE TO VERIFY FIGURE REPRODUCTION SCALE						DRAFTED BY:	DATE: 02/10/04
						CHECKED BY:	DATE:
						APPROVED BY:	DATE:

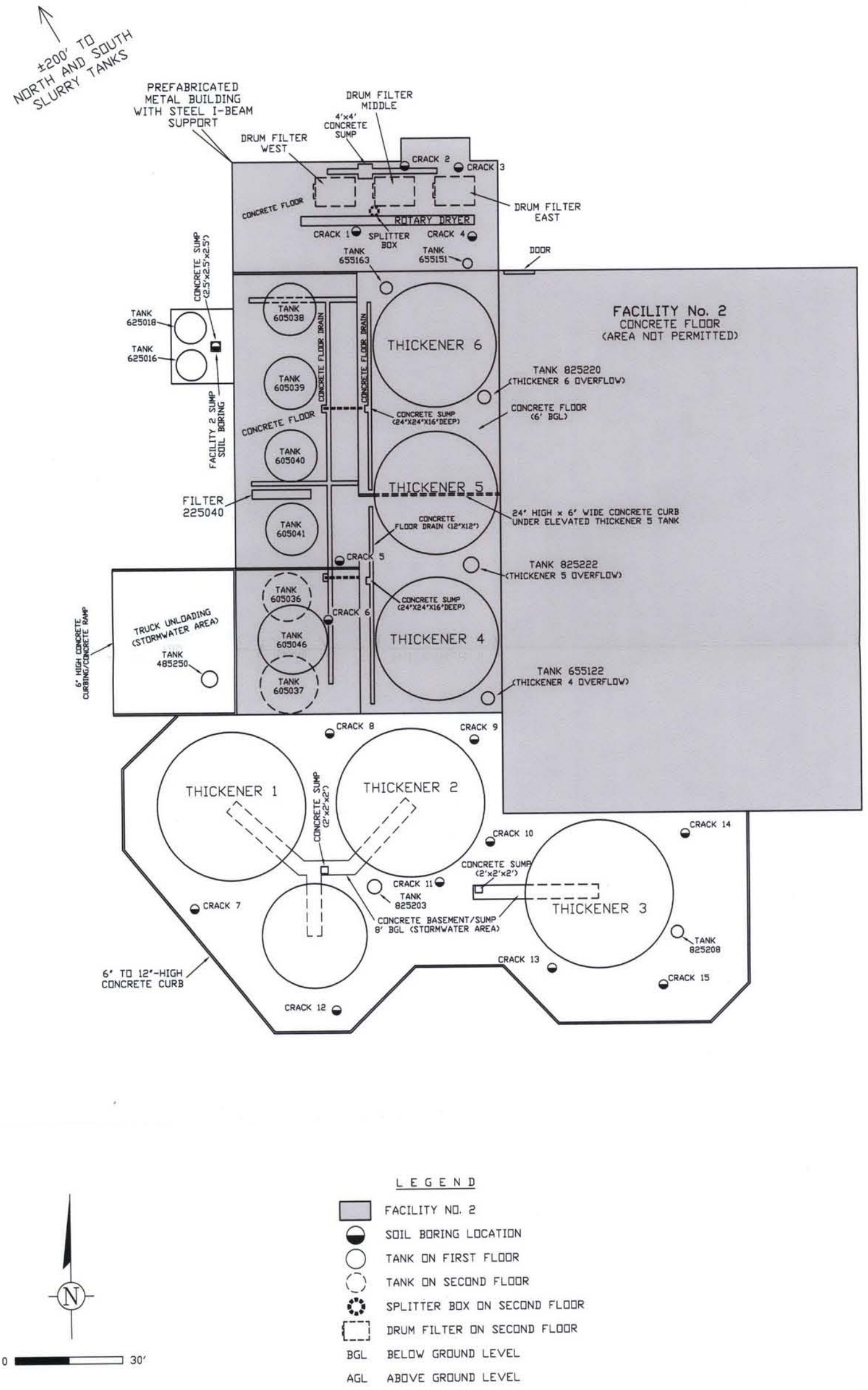
ARCADIS

SITE MAP

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 1

DWG DATE: 28SEPT04 | PRJCT NO.: CC000687.000 FILE: | DRAWING: FACILITY 2 | CHECKED: K. BRANDNER | APPROVED: K. BRANDNER | DRAFTER: LGF

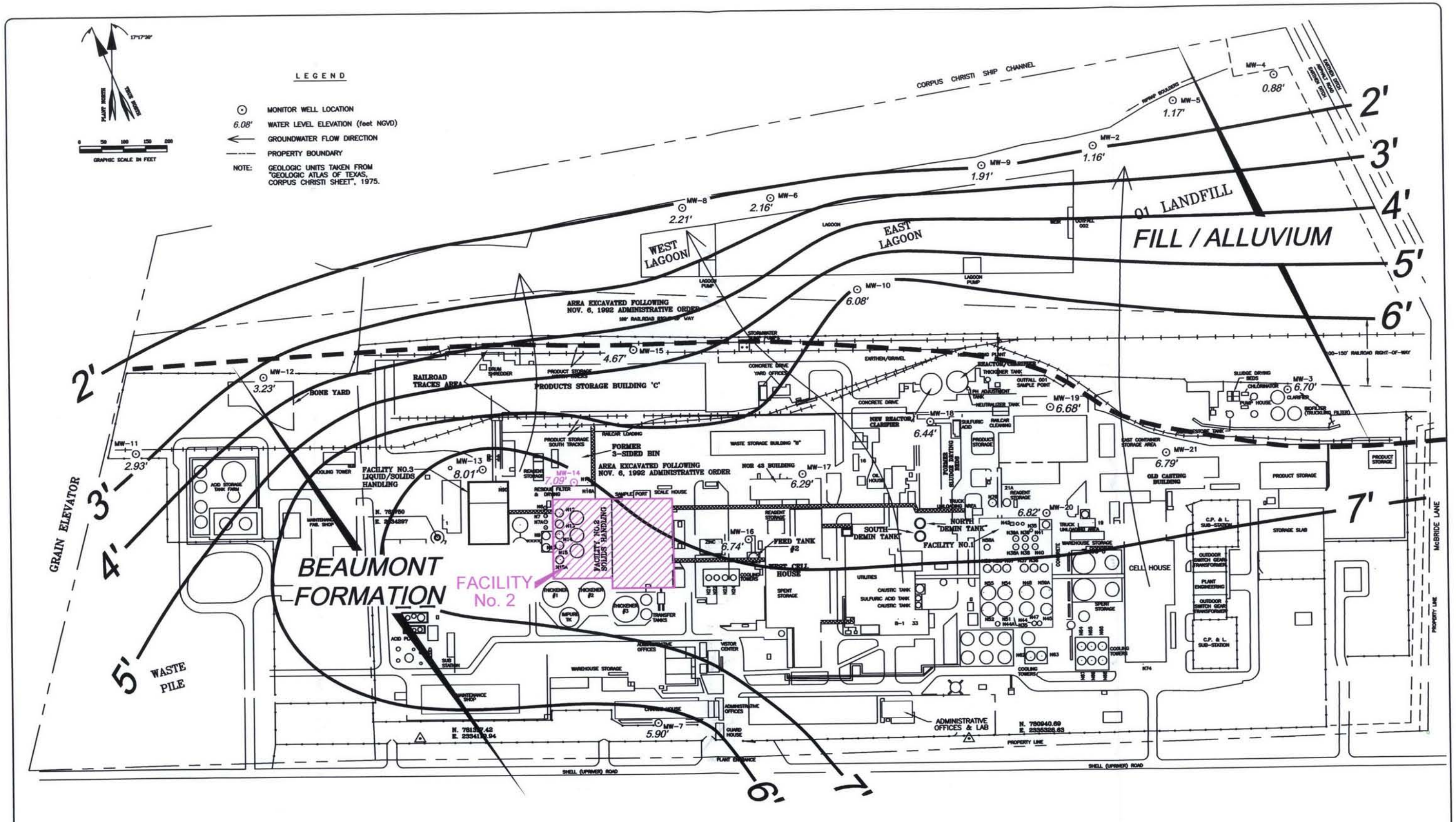


ARCADIS

FACILITY No. 2 BUILDING PLAN VIEW

ENCYCLE/TEXAS
CORPUS CHRISTI, TEXAS

FIGURE
2



SCALE VERIFICATION	REV. NO.	DATE	DESCRIPTION	BY	APPR.
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE					

ARCADIS

PROJECT NO.: CC000867.0001 | FILE NO.:
DRAWING: VT2-02-FAC2 | PLOT SIZE: 1=1200
DRAFTED BY: | DATE: 02NOV04
CHECKED BY: | DATE:
APPROVED BY: | DATE:

WATER TABLE MAP
FEBRUARY 11, 2002

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 3

APPENDIX A

Appendix A

Unit Descriptions

TABLE 5

UNIT DECONTAMINATION REQUIREMENTS AND REGULATORY STATUS

CONSENT DECREE REF. No.[1]	FAC. No.	ENCYCLE NAME	EQUIPMENT No.	HISTORIC USE	TRANSITIONAL DECON	FINAL CLOSURE
T-1	1	Baby Tank	705001	HW Transfer & Filtrate	Y	Y
T-13	1	US Filter Feed	705210	WWPT & Filter Feed	Y	Y
T-20	1	Steel Tank	705320	IND/HW PPT	Y	Y
T-31	1	48" Filter Feed	715010	HW	Y	Y
T-33	1	5060	715060	HW PPT	Y	Y
	1	5070	715070	HW PPT	Y	Y
T-37	1	5100	715100	HW PPT	Y	Y
T-38	1	5110	715110	HW PPT	Y	Y
T-40	1	5140	715140	HW PPT	Y	Y
T-41	1	5160	715160	HW PPT	Y	Y
	1	Feed Tank 1	715120	HW Receiving	Y	Y
T-63	2	Filter Feed Splitter Box	655160	HW Process Distrib.	Y	Y
T-64	2	RMA - North	605036	HW Leach	Y	Y
T-65	2	RMA - South	605037	HW Leach	Y	Y
T-66	2	Leach Tank 1	605038	HW Leach	Y	Y
T-67	2	Leach Tank 2	605039	HW Leach	Y	Y
T-68	2	Leach Tank 3	605040	HW Leach	Y	Y
T-69	2	Leach Tank 4	605041	Leach Tank Nickel "A"	Y[2]	Y
T-70	2	Surge Tank	605046	HW Processing	Y	Y
T-73	2	Blue FRP North	625016	IND Waste Processing Tank	Y	Y
T-74	2	Blue FRP South	625018	IND Waste Processing Tank	Y	Y
T-75	2	Thickener 1	655058	WWPT	Y [2]	Y
T-76	2	Thickener 2	655059	WWPT	Y[2]	Y

CONSENT DECREE REF. No.[1]	FAC. No.	ENCYCLE NAME	EQUIPMENT No.	HISTORIC USE	TRANSITIONAL DECON	FINAL CLOSURE
T-77	2	Thickener 3	655060	WWPT	Y[2]	Y
T-78	2	Thickener 4	655061	Product Thickening Nickel "A"	Y[2]	Y
T-79	2	Thickener 5	655062	Product Thickening	Y	Y
T-80	2	Thickener 6	655063	Product Thickening	Y	Y
T-83	2	Thickener 4 O'Flow	655122	Thickener O'Flow	Y	Y
T-87	2	Mix	655151	IND/HW Processing	Y	Y
T-93	2	Transfer Tank	655163	Transfer	Y[2]	Y
T-96	2	Feed Tank 2	655170	HW Receiving	Y	Y
T-111	2	Thickener 1 & 2 O'flow	825203	WWPT	Y[2]	Y
T-112	2	Thickener 3 O'flow	825208	WWPT	Y[2]	Y
T-114	2	Thickener 6 O'flow	825220	Thickener O'Flow	Y	Y
T-115	2	Thickener 5 O'flow	825222	Thickener O'Flow	Y	Y
T-116	3	5005	695005	HW Filtrate Storage	Y	Y
T-117	3	Process Tank 16	695016	Baghouse Dust	Y	Y
T-118	3	Process Tank 17	695017	Baghouse Dust	Y	Y
T-119	3	Process Tank 18	695018	Baghouse Dust	Y	Y
T-120	3	Process Tank 19	695019	ZN/CD Solution	Y	Y
T-126	3	Cone Bottom	695096	Sump Collection	Y	Y
T-127	3	Slurry Tank North	695107	Baghouse Dust	Y	Y
T-128	3	Slurry Tank South	695108	Baghouse Dust	Y	Y
T-157	O	HW /NHW & Reagent East	485250	HW /NHW & Reagent	Y	Y
T-158	O	HW /NHW & Reagent West	485260	HW /NHW & Reagent	Y	Y

CONSENT DECREE REF. No.[1]	FAC. No.	ENCYCLE NAME	EQUIPMENT No.	HISTORIC USE	TRANSITIONAL DECON	FINAL CLOSURE
	PH	Demin O'flow Tank	225001	Storm Water	Y[3]	Y
T-171	PH	Demin Tank North	226020	Reclaim Storm Water	Y[3]	Y
T-172	PH	Demin Tank South	226022	Reclaim Storm Water	Y[3]	Y
F-1	1	48" Press	215030	Reclaim Material & WWPT	Y	Y
F-2	1	48" Press	215020	Reclaim Material & WWPT	Y	Y
F-3	1	36" Press	215095	Reclaim Material & WWPT	Y	Y
F-4	1	36" Press	215090	Reclaim Material & WWPT	Y	Y
F-5	1	36" Press	215155	Reclaim Material & WWPT	Y	Y
	1	36" Silver Press	215130	Reclaim Material & WWPT	Y	Y
F-8	1	US Filter 1	705070	Reclaim Material & WWPT	Y	Y
F-9	1	US Filter 2	705080	Reclaim Material & WWPT	Y	Y
F-10	1	US Filter 3	705090	Reclaim Material & WWPT	Y	Y
F-11	1	US Filter 4	705180	Reclaim Material & WWPT	Y	Y
F-12	1	US Filter 5	705190	Reclaim Material & WWPT	Y	Y
F-13	1	US Filter 6	705200	Reclaim Material & WWPT	Y	Y
F-14	2	Drum Filter 1	225088	Wastewater sludge and Nickel "A" Dewatering	Y[2]	Y
F-15	2	Drum Filter 2	225089	Wastewater sludge and Nickel "A" Dewatering	Y[2]	Y
F-16	2	Drum Filter 3	225090	Wastewater sludge and Nickel "A" Dewatering	Y[2]	Y
F-17	2	48" Filter Press	225045	GM Dewatering	Y	Y

CONSENT DECREE REF. No.[1]	FAC. No.	ENCYCLE NAME	EQUIPMENT No.	HISTORIC USE	TRANSITIONAL DECON	FINAL CLOSURE
F-18	2	Vacuum Belt Filter	225040	Not In Use	Y	Y
F-19	3	Drum Filter	235027	Drum Filter	Y	Y
F-20	3	Drum Filter	235028	Drum Filter	Y	Y
LB-1		Bin A		Baghouse & NH Lead	Y	Y
LB-2		Bin B		GM O'Size Feed	Y	Y
LB-3		Bin C		HW Zinc Hydroxide	Y	Y
LB-4		Bin D		Baghouse Dust	Y	Y
LB-5		Bin E		Nickel & HW Copper	Y	Y
LB-6		Bin F		GM Product	Y	Y
LB-7		Bin G		HW Chrome	Y	Y
LB-8		Bin GG		HW Nickel/Chrome	Y	Y
LB-9		Bin H		GM Feed	Y	Y
LB-10		Bin K		HW Lead Sulfate	Y	Y
LB-11		Bin L		GM Product	Y	Y
LB-12		Bin M		HW Zinc Hydroxide	Y	Y
LB-13		Bin N		Baghouse Dust	Y	Y
LB-14		Bin P		GM Product	Y	Y
LB-15		Bin R		HW Lead Sulfate	Y	Y
LB-16		Bin S		GM Feed	Y	Y
NB-1		Bin 1		Nickel "B"	Y	Y
NB-2		Bin 2		Nickel "A"	Y	Y
NB-3		Bin 3		Iron Reagent	Y	Y
NB-4		Bin 4		HW Copper	Y	Y
NB-5		Bin 5		NH Copper	Y	Y
NB-6		Bin 6		HW Copper	Y	Y
NB-7		Bin 11		HW Precious	Y	Y
NB-8		Bin 12		Tin & Nickel	Y	Y
D-1	2		# 1	Wastewater sludge and Nickel "A" Drying	Y[2]	Y

[1] Quick reference numbers for Consent Decree purposes
T - Tank
F - Filtration Equipment

LB - Product Storage Building 1 (Letter Bins)
NB - Product Storage Building 2 (Number Bins)
D - Drying Equipment

[2] Transitional Decon not required until a change in service occurs

[3] Transitional Decon not required until East & West Lagoons are RCRA closed in accordance with the Consent Decree

APPENDIX B

Appendix B

Site Photographs

Photograph No. 1. Splitter Box on second floor of Facility 2, Drum Filter 2 in background behind Splitter Box, view facing north. Photograph taken by K. Brandner, June 9, 2004.

Photograph No. 2. Drum Filter 3 (Drum Filter East) on second floor of Facility 2, Drum Filter 2 in background, view facing west. Photograph taken by K. Brandner, June 9, 2004.

Photograph No. 3. Leach Tank 2 (Tank 605039) in Facility 2, view of tank interior facing west. Photograph taken by K. Brandner, April 8, 2004.

Photograph No. 4. Tanks 625016 and 625018 directly west of Facility 2, view facing east. Photograph taken by K. Brandner, February 25, 2004.

Photograph No. 5. Thickener 1 directly southwest of Facility 2, view facing east. Photograph taken by K. Brandner, October 14, 2004.

Photograph No. 6. Thickener 3 directly south of Facility 2, view facing north. Tank 825208 to right of Thickener 3. Photograph taken by K. Brandner, October 14, 2004.

Photograph No. 7. Thickener 5 interior in central portion of Facility 2, view facing south. Photograph taken by K. Brandner, April 8, 2004.

Photograph No. 8. Rotary Dryer on first floor of Facility 2, view facing west-northwest. Photograph taken by K. Brandner, June 15, 2004.

Photograph No. 9. Facility 2 floor, view facing south from northeast corner of Leach Tank 1 (Tank 605038). Photograph taken by K. Brandner, August 26, 2004.

APPENDIX C

Appendix C

Manifests for Thickener 1 and 3 Solids

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO#66601

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 62250	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number 3262250
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name PHILIP INDUSTRIAL	6. US EPA ID Number TXD980868467 C. State Transporter's ID 84236 D. Transporter's Phone 361-265-9339
7. Transporter 2 Company Name	8. US EPA ID Number E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY TEXAS, L.P. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340 G. State Facility's ID 50052 H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	29,280	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) WW29520#

K. Handling Codes for Wastes Listed Above
H111 H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. S040212-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR	Printed/Typed Name	Signature	Month Day Year
	JESSE Lopez	Jesse Lopez	02 12 04

TRANSPORTER			
	17. Transporter 1 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name: Chris Yanchonis	Signature	Month Day Year: 02 12 04
	18. Transporter 2 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name	Signature	Month Day Year

FACILITY			
	19. Discrepancy Indication Space		
	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Date
	Printed/Typed Name: SANDRA DAY	Signature	Month Day Year: 02 12 04

White - original Pink - TCEQ Facility Yellow - Transporter Goldenrod - Generator

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WQ#6603

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186 Manifest Document No. 62251	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number 3262251
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name PHILIP INDUSTRIAL	6. US EPA ID Number TXD980868467 C. State Transporter's ID 84236 D. Transporter's Phone 361-265-9339
7. Transporter 2 Company Name	8. US EPA ID Number E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY TEXAS, L.P. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340 G. State Facility's ID 50052 H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	27,620	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H111
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. S-040212-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	02	12	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year
ENCARNACION SOTO	Encarnacion Soto	02	12	04
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
SANDRA DAY	Sandra Day	02	12	04

TCEQ-0311 (Rev. 09/01/02) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO#6697

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 Manifest Document No. 22252

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3262252

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	20,340	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
WIS# 09-004-9133 (CERT. OF DISPOSAL REQUESTED)
PO 20460#

K. Handling Codes for Wastes Listed Above
H111
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. ~~02509~~ 2509 ; ENCYCLE NO. S040219-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name: JESSE LOPEZ
Signature: Jesse Lopez
Month 02 Day 19 Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stephen Hatton
Signature: Steph Hatton
Date: Month 02 Day 19 Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: SANDRA DAY
Signature: Sandra Day
Date: Month 02 Day 19 Year 04

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 62253	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address	A. State Manifest Document Number
ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	3262253
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name: PHILIP INDUSTRIAL	6. US EPA ID Number: TXD980868467 — C. State Transporter's ID 84236 — D. Transporter's Phone 361-265-9339
7. Transporter 2 Company Name	8. US EPA ID Number — E. State Transporter's ID — F. Transporter's Phone
9. Designated Facility Name and Site Address: US ECOLOGY TEXAS, L.P. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number: TXD069452340 — G. State Facility's ID 50052 — H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	22,380	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS 22740 WT
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H111 H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. ~~2509~~ ~~2507~~ 2502; ENCYCLE NO. 5040219-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	02	19	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year
Chris Yanchunis	Chris Yanchunis	02	19	04
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
Orlando Luna	Orlando Luna	02	19	04

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WO# 7021

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 — Manifest Document No. 622254

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3262254

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	27,160	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) GW27820#

K. Handling Codes for Wastes Listed Above
H111 H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. 5040310-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: JESSE LOPEZ — Signature: Jesse Lopez — Month Day Year: 03 10 04

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Kenny McMillian — Signature: Kenny McMillian — Month Day Year: 03 10 04

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name: SANDRA DAY — Signature: Sandra Day — Month Day Year: 03 10 04

GENERATOR — TRANSPORTER — FACILITY

TCEQ-0311 (Rev. 09/01/02) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first ...

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO# 7520

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 622255	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number: 3262255
4. Generator's Phone (361) 289-6526	B. State Generator's ID: 30003
5. Transporter 1 Company Name: PHILIP INDUSTRIAL 6. US EPA ID Number: TXD980868467	C. State Transporter's ID: 84236 D. Transporter's Phone: 361-265-9339
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY TEXAS, L.P. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 10. US EPA ID Number: TXD069452340	G. State Facility's ID: 50052 H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	34,880	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS GW 35,100 #
W/S# 09-004-9133 (CERT OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. 5040331-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	03	31	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year
Billy Hampton	Billy Hampton	03	31	04

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name	Signature	Month	Day	Year
SANDRA Day	Sandra Day	03	31	04

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COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO#7681

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 62256	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3262256

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
~~ROBSTOWN, TEXAS 78380~~

10. US EPA ID Number: TXD066045230

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	24780	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED)
GW 24900#

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. ~~5040407-1~~ 5040407-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	04	07	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Santos Rios, Jr.		04	07	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
SANDRA DAY	Sandra Day	04	08	04

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Austin, Texas 78711-3087

WO #7695

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 622577	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3262257
B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL
6. US EPA ID Number: TXD980868467
C. State Transporter's ID: 84236
D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	22440	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. S040408-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	04	08	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
NELSON DOWNEN	Nelson Downen	04	08	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
SANDRA Day	Sandra Day	04	08	04

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WO# 7794

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 62258	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number 3262258
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name PHILIP INDUSTRIAL	6. US EPA ID Number TXD980868467
	C. State Transporter's ID 84236
	D. Transporter's Phone 361-265-9339
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY TEXAS, L.P. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380	10. US EPA ID Number TXD069452340
	G. State Facility's ID 50052
	H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	25660	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) WO# 25660

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 2502; ENCYCLE NO. S040414-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month Day Year
JESSE Lopez	Jesse Lopez	04 14 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: Chris Yanchunis	Signature: Chris C. Yanchunis	Month Day Year: 04 14 04
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year
SANDRA DAY	Sandra Day	04 14 04

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TEXAS COMMISSION ON
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P.O. Box 13087
Austin, Texas 78711-3087

WO#7815

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. 62259 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3262259

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL
6. US EPA ID Number: TXD980868467
C. State Transporter's ID: 84236
D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380
10. US EPA ID Number: TXD069452340
G. State Facility's ID: 50052
H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	17,580	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) 18000#

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. S040415-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: JESSE Lopez | Signature | Month Day Year: 04 15 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year: 04 15 04 | Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: SANDRA Day | Signature | Month Day Year: 04 15 04 | Date

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TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO# 7870

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. 64213

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3261613

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	25,800	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICK CENTER SOLIDS
WS-09-004-9133 (CERT OF DISPOSAL REQUESTED) SW 26180 #

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. 5040419-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name: JESSE LOPEZ | Signature | Month Day Year: 04 19 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials | Date

Printed/Typed Name: Chris Yanchunis | Signature | Month Day Year: 04 19 04

18. Transporter 2 Acknowledgement of Receipt of Materials | Date

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | Date

Printed/Typed Name: SANDRA DAY | Signature: Sandra Day | Month Day Year: 04 19 04

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TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
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Austin, Texas 78711-3087

WO# 7897

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 — Manifest Document No. 61614 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3261614

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	24760	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) DW 24960

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. 5040420-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name: JESSE Lopez — Signature: [signature] — Month 04 Day 20 Year 04

17. Transporter 1 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: Chris Yanchunis — Signature: [signature] — Month 04 Day 20 Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials — Date
Printed/Typed Name: — Signature: — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date
Printed/Typed Name: SANDRA Day — Signature: [signature] — Month 04 Day 20 Year 04

GENERATOR — TRANSPORTER — FACILITY

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TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO#7938

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. 61615 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3261615

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980808407

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361)387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	27180	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. 50404 21-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	04	21	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Chris Yanchunas	Chris C. Yanchunas	04	22	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
SANDRA Day	Sandra Day	04	21	04

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P.O. Box 13087
Austin, Texas 78711-3087

WO#8066

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 — Manifest Document No. 61616

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3261616

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	32340	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT OF DISPOSAL REQUESTED)
WO 32120#

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. 5040428-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JESSE LOPEZ — Signature: Jesse Lopez — Month Day Year: 04 28 04

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: Chris Yanchunis — Signature: Chris Yanchunis — Month Day Year: 04 28 04

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name: SANDRA DAY — Signature: Sandra Day — Month Day Year: 04 28 04

GENERATOR — TRANSPORTER — FACILITY

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P.O. Box 13087
Austin, Texas 78711-3087

WO# 8324

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 61618	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3261618

B. State Generator's ID: 30003 84236

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID:

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS, L.P.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	40660	P	0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
THICKENER SOLIDS
W/S# 09-004-9133 (CERT. OF DISPOSAL REQUESTED) JW 40860 #

K. Handling Codes for Wastes Listed Above
H132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
ROLLOFF NO. 2509 ; ENCYCLE NO. 5040513-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
JESSE LOPEZ	Jesse Lopez	05	13	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JAMES Schilhab	James Schilhab	05	13	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sarah Eakin	Sarah Eakin	05	13	04

GENERATOR

TRANSPORTER

FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 3440669	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number 3440669
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name UNION PACIFIC RAILROAD	6. US EPA ID Number NED000179291 0
	C. State Transporter's ID 40441
	D. Transporter's Phone 888-877-7267
7. Transporter 2 Company Name	8. US EPA ID Number
	E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 10.5 MILES NW ON HWY 78, LEMLY ROAD GRAND VIEW, ID 83624	10. US EPA ID Number IDD073114654
	G. State Facility's ID
	H. Facility's Phone (208) 834-2275

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	65100	P	0021302H
X	b. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	88760	P	0029504H
X	c. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	07210	P	0015319H
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
a) Lagoon Cleanout W/S# 17103 b) Thickener Solids W/S# 17104
c) Compactor Debris W/S# 17102

K. Handling Codes for Wastes Listed Above
H132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
RAILCAR NO. JTLX277 ; ENCYCLE NO. S-041014-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month Day Year
JESSE LOPEZ	Jesse Lopez	10 14 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: KRISTINE E KARSTEN	Signature: Kristine E Karsten	Month Day Year: 10 14 04
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month Day Year

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Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. TXD008117186	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address ENCYCLE/TEXAS, INC. 5500 UP RIVER ROAD CORPUS CHRISTI, TX 78407 ATTN: RICH MARCUS	A. State Manifest Document Number 3440670
4. Generator's Phone (361) 289-6526	B. State Generator's ID 30003
5. Transporter 1 Company Name UNION PACIFIC RAILROAD	6. US EPA ID Number NED001792910 / C. State Transporter's ID 40441
	D. Transporter's Phone 888-877-7267
7. Transporter 2 Company Name	8. US EPA ID Number / E. State Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address US ECOLOGY IDAHO, INC. 10.5 MILES NW ON HWY 78, LEMLY ROAD GRAND VIEW, ID 83624	10. US EPA ID Number IDD073114654 / G. State Facility's ID
	H. Facility's Phone (208) 834-2275

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	86.14 T		0029504H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
a) Thickener Solids W/S# 17104

K. Handling Codes for Wastes Listed Above
H132

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526 ERG# 171
RAILCAR NO. JTLX30151 ; ENCYCLE NO. S-041014-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE LOPEZ	Jesse Lopez	10	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year
KRISTINE E KARSTAD	Kristine E Karstad	10	14	04
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186	Manifest Document No. 1901	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-6526

A. State Manifest Document Number: 3440671

B. State Generator's ID: 30003

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID	D. Transporter's Phone
UNION PACIFIC RAILROAD	NED000179290	40441	888-877-7267

7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility's ID	H. Facility's Phone
US ECOLOGY IDAHO, INC 10 S MILES NW ON HWY 78 LEMLY ROAD GRAND VIEW ID 83624	IDD073114654		(208) 834-2275

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D008,F006,F019, SEE ATTACHED)	001	CM	87.76 T		0029504H
	b.					
	c.					
	d. SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES a) Thickener Solids W/S# 17104					H132

J. Additional Descriptions for Materials Listed Above
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS AT 361-289-6526
RAILCAR NO. JTLX30165 ; ENCYCLE NO. S-041014-3

K. Handling Codes for Wastes Listed Above
ERG# 171

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
JESSE LOPEZ	Jesse Lopez	10	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
KRISTINE E. KARSTEN	Kristine E Karsten	10	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

APPENDIX D

ARCADIS

Appendix D

TCEQ April 27, 2000 Letter

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

April 27, 2000

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Nelson Mossholder
President
Encycle Inc.
P.O. Box 4767
Corpus Christi, TX 78469

RE: *Final Facility Closure and Post Closure Plan for Non-Permitted Units* - Approval
TNRCC Industrial Solid Waste Registration No. 30003
TNRCC Hazardous Waste Permit No. HW-50221
Consent Decree H - 99 - 1136
EPA ID No. TXD008117186

Dear Mr. Mossholder:

The Texas Natural Resource Conservation Commission ("TNRCC") has reviewed Encycle's November 18, 1999 *Final facility Closure and Post-Closure Plan for Non-Permitted Units*. The TNRCC approves the closure plan with the following comment.

1. In section 4.3.1 General discussions, under the heading of Determination of Cleanup Levels, Encycle proposes to collect a verification sample (rinse sample) from each unit and analyze the sample(s) for the constituents of concern. The sample results will then be compared to Tier 1, 2, or 3 under Remedy Standard A of the Texas Risk Reduction Program to determine if that unit has been decontaminated. Encycle has transitional decontamination values that are currently in the Consent Decree that have been accepted by TNRCC, EPA, and Department of Justice. Please, initially use these values unless specific units have never management the any of the listed metals in the Consent Decree. In this case, decontamination values should be a calculated, proposed, and approved prior to closure.

If you have any questions concerning this matter or the contents of this letter, please contact Brad Wilkinson at (512) 239-2350, Mail Code MC 127.

Sincerely,

Brad Wilkinson

Brad Wilkinson, Project Manager
Team I, Corrective Action Section
Remediation Division
Texas Natural Resource Conservation Commission

BW/bw

cc: Mr. Samuel Tates, Enforcement Officer, EPA Region VI - Dallas
Mr. Buddy Stanley, Regional Director, TNRCC Region 14 - Corpus Christi

APPENDIX E

Appendix E

Decontamination Rinsate Standards

the eight RCRA metals, the detection limit of the instrument shall be determined. Detection Limits shall be below the levels listed in the following standard. For units that require low pressure wash, if the decontamination media is not less than the standard (as defined in the list below), a baseline alternate concentration limit(s) shall be proposed and submitted to the TNRCC for review and approval;

Standard for Final Rinsate or Media from Decontamination

RCRA Metal	* Concentration
Arsenic	5.0
Barium	100.0
Cadmium	0.5
Chromium	5.0
Lead	1.5
Mercury	0.2
Selenium	1.0
Silver	2.0

* Units for liquid decontamination media is mg/L
Units for solid decontamination media is mg/kg

c. Provisions for continuing decontamination process and analysis until final rinsate is less than the standard or approved baseline concentration limit, described above;

d. Provisions for documentation of the decontamination process which was successful in meeting the standard for each unit, including the volume of decontamination media used; and

APPENDIX F

Appendix F

Manifests for Facility No. 2 Piping

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

W.O. 7492

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. 413488 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78469
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 3041388

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD988086846 7

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII ~~(D004,D005,D006~~ SEE ATTACHED LIST) (D) F006	001	CM	~~17000~~ 15,360	P al.	~~D015319H~~ (D) 00153164
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
(D) ~~COMPACTOR DEBRIS~~ CONTAMINATED ANCILLARY EQUIPMENT
(D) ~~W/S# 09-004-2683~~ (CERT. OF DISPOSAL REQUESTED) W/S#09-004-4243

K. Handling Codes for Wastes Listed Above
H132 (D) ~~M111/M132~~ STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS SECURITY AT 361-289-0300 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. S040330-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	03	30	~~04~~ 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Bruce L JACKSON	Bruce L Jackson	3	30	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space
SECTION 13 >10% WEIGHT, VOLUME DISCREPANCY Per: Richard Marcus

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Orlando Luna	Orlando Luna	03	30	04

TCEQ-0311 (Rev. 09/01/02) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS COMMISSION ON
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P.O. Box 13087
Austin, Texas 78711-3087

WO#7948

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Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 | Manifest Document No. 4 1 3 8 4 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78469
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 3041384

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII ~~(D004,D005,D006,~~ SEE ATTACHED LIST) & F006	001	CM	46660 ~~12000~~	P	~~0015319H~~ 01 0015316H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
01 SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES (W 46604
02 ~~COMPACTOR DEBRIS~~ CONTAMINATED ANCILLARY EQUIPMENT
03 ~~W/S# 09-004-2683~~ (CERT. OF DISPOSAL REQUESTED) W/S# 09-004-4243

K. Handling Codes for Wastes Listed Above
01 H-132
02 ~~M111/M132~~
03 ~~STABILIZATION~~

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS SECURITY AT 361-289-0300 ERG# 171
ROLLOFF NO. 31073 ; ENCYCLE NO. 5040421-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JESSE Lopez	Jesse Lopez	04	21	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Chris Yanchunis		04	21	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
SECTION 13 >10% WEIGHT, VOLUME DISCREPANCY per Jesse Lopez

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
SANDRA DAY	Sandra Day	04	21	04

TCEQ-0311 (Rev. 09/01/02) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

WO#8296

THE STATE OF TEXAS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 Manifest Document No. 41392

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
P.O. BOX 4767
CORPUS CHRISTI, TX 78469
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number 3041392

B. State Generator's ID 30003

5. Transporter 1 Company Name
(JL) ~~PHILIP INDUSTRIAL~~ ABSOLUTE INDUSTRIES

6. US EPA ID Number
(JL) ~~TXD980868467~~ TXR0000 29728

C. State Transporter's ID 85869 ~~84236~~ (JL)

D. Transporter's Phone 387-7747 361-~~265-9339~~ (JL)

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TEXAS ECOLOGISTS, INC.
3 1/2 MILE S. PETRONILA ROAD
ROBSTOWN, TEXAS 78380

10. US EPA ID Number TXD069452340

G. State Facility's ID 50052

H. Facility's Phone (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., CLASS 9, NA3077, PGIII (D004,D005,D006, SEE ATTACHED)	~~001~~ 8	~~CM~~ ~~CF~~ TP	19,150	P	0030316H
X	b. WASTE PETROLUEM OIL, CLASS 3, NA1270, PGI (USED OIL)	001	DM	525	P	00322061
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
(A) FACILITY CLEAN-UP MATERIAL (B) USED OIL 09-004-6450
W/S# 09-004-3770 (CERT. OF DISPOSAL REQUESTED) A 19094# B 526#

K. Handling Codes for Wastes Listed Above
M111/M132
STABILIZATION

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS SECURITY AT 361-289-0300 ERG# 171
ROLLOFF NO. _____; ENCYCLE NO. S040512-1

16. **GENERATOR'S CERTIFICATION:** *I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.*
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JESSE LOPEZ
Signature: Jesse Lopez
Month Day Year: 05 12 04

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Reyes
Signature: Joe Reyes
Date: 05 12 04

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space
Change Container # & Type per Jesse Lopez

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: SANDRA DAY
Signature: Sandra Day
Date: Month Day Year: 05 12 04

GENERATOR

TRANSPORTER

FACILITY

TCEQ-0311 (Rev. 09/01/02) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

S COMMISSION ON
IRONMENTAL QUALITY
.O. Box 13087
Austin, Texas 78711-3087

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TXD008117186 — Manifest Document No. 61123

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ENCYCLE/TEXAS, INC.
5500 UP RIVER ROAD
CORPUS CHRISTI, TX 78407
ATTN: RICH MARCUS

4. Generator's Phone (361) 289-0300

A. State Manifest Document Number: 3261923

B. State Generator's ID: 30003

5. Transporter 1 Company Name: PHILIP INDUSTRIAL

6. US EPA ID Number: TXD980868467

C. State Transporter's ID: 84236

D. Transporter's Phone: 361-265-9339

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
US ECOLOGY TEXAS L.P.
3 1/2 MILE S. PETRONILA ROAD
BOBSTOWN, TEXAS 78380

10. US EPA ID Number: TXD069452340

G. State Facility's ID: 50052

H. Facility's Phone: (361) 387-3518

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
X	a. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D004,D005,D006,SEE ATTACHED LIST)	001	CM	6,480	P	0015316H
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above
SEE ATTACHED FOR ADDITIONAL EPA WASTE CODES
CONTAM ANCILLARY EQUIPMENT
W/S# 09-004-4243 (CERT OF DISPOSAL REQUESTED)

K. Handling Codes for Wastes Listed Above
H132
Encapsulation

15. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CONTACT ENCYCLE/TEXAS SECURITY AT 361-289-0300 ERG# 171
ROLLOFF NO. 2502 ; ENCYCLE NO. 5040512-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JESSE LOPEZ — Signature: [signature] — Month Day Year: 05 12 04

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: 05 12 04

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Date

Printed/Typed Name: SANDRA DAY — Signature: [signature] — Month Day Year: 05 12 04

GENERATOR

TRANSPORTER

FACILITY

APPENDIX G

ARCADIS

Appendix G

Laboratory Reports – Rinse Water Samples

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 223635

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 03/12/2004

Signature

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 15

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 03/12/2004

Job Number.: 223635
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
223635-1	TANK 825203	Water	03/08/2004	14:45	03/08/2004	16:44
223635-2	TANK 825208	Water	03/08/2004	15:00	03/08/2004	16:44
223635-3	TANK 655151	Water	03/08/2004	15:45	03/08/2004	16:44
223635-4	SPLITTER BOX	Water	03/08/2004	16:15	03/08/2004	16:44
223635-5	LEACH TANK 1	Water	03/08/2004	16:30	03/08/2004	16:44

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223635 Date: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 825203
Date Sampled.....: 03/08/2004
Time Sampled.....: 14:45
Sample Matrix.....: Water

Laboratory Sample ID: 223635-1
Date Received.....: 03/08/2004
Time Received.....: 16:44

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/11/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	03/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.04	0.01	mg/L	03/10/04	jem
SW-846 6010B	Chromium (Cr), Total	0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.11	0.01	mg/L	03/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/09/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223635 Date: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 825208
Date Sampled.....: 03/08/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 223635-2
Date Received.....: 03/08/2004
Time Received.....: 16:44

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/11/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/09/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223635 Date: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 655151
Date Sampled.....: 03/08/2004
Time Sampled.....: 15:45
Sample Matrix.....: Water

Laboratory Sample ID: 223635-3
Date Received.....: 03/08/2004
Time Received.....: 16:44

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/11/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.18	0.01	mg/L	03/10/04	jem
SW-846 6010B	Chromium (Cr), Total	0.32	0.01	mg/L	03/10/04	jem
SW-846 6010B	Lead (Pb), Total	1.24	0.01	mg/L	03/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/09/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223635 Date: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: SPLITTER BOX
Date Sampled.....: 03/08/2004
Time Sampled.....: 16:15
Sample Matrix.....: Water

Laboratory Sample ID: 223635-4
Date Received.....: 03/08/2004
Time Received.....: 16:44

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/11/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.04	0.01	mg/L	03/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/09/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223635 Date: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: LEACH TANK 1
Date Sampled.....: 03/08/2004
Time Sampled.....: 16:30
Sample Matrix.....: Water

Laboratory Sample ID: 223635-5
Date Received.....: 03/08/2004
Time Received.....: 16:44

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/11/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.1	0.01	mg/L	03/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.04	0.01	mg/L	03/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/09/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223635 Report Date.: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 91197 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M031104HG	0.00540		0.005000		108.0	%	90-110	03/11/2004	1523
ICB			-0.000060							03/11/2004	1527
LCS		M031104LG	0.00517		0.0050		103.4	%	85-115	03/11/2004	1530
MB			-0.000055							03/11/2004	1532
MS	223538-1	M031104HG	0.00429		0.005000	-0.000215	90.1	%	85-115	03/11/2004	1535
MSD	223538-1	M031104HG	0.00440	0.00429	0.005000	-0.000215	92.3	%	85-115	03/11/2004	1537
							2.5	R	20		
CCV		M031104HG	0.00538		0.005000		107.6	%	80-120	03/11/2004	1554
CCB			-0.000037							03/11/2004	1557
CCV		M031104HG	0.00528		0.005000		105.6	%	80-120	03/11/2004	1616
CCB			-0.000069							03/11/2004	1619
LCS		M031104LG	0.00529		0.0050		105.8	%	85-115	03/11/2004	1621
MB			-0.000224							03/11/2004	1623
MS	223556-1	M031104HG	0.00521		0.005000	-0.000068	105.6	%	85-115	03/11/2004	1641
MSD	223556-1	M031104HG	0.00504	0.00521	0.005000	-0.000068	102.2	%	85-115	03/11/2004	1643
							3.3	R	20		
CCV		M031104HG	0.00498		0.005000		99.6	%	80-120	03/11/2004	1648
CCB			-0.000369							03/11/2004	1652
CCV		M031104HG	0.00529		0.005000		105.8	%	80-120	03/11/2004	1655
CCB			0.000006							03/11/2004	1658
CCV		M031104HG	0.00509		0.005000		101.8	%	80-120	03/11/2004	1702
CCB			-0.000362							03/11/2004	1705
CCV		M031104HG	0.00485		0.005000		97.0	%	80-120	03/11/2004	1709
CCB			0.000014							03/11/2004	1712
CCV		M031104HG	0.00511		0.005000		102.2	%	80-120	03/11/2004	1741
CCB			-0.000087							03/11/2004	1744
CCV		M031104HG	0.00507		0.005000		101.4	%	80-120	03/11/2004	1748
CCB			-0.000051							03/11/2004	1751

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.98550959		2.00		99.3	%	90-110	03/10/2004	1411
ICV		M0368	1.07384060		1.00		107.4	%	90-110	03/10/2004	1428
ICV		M0380	1.08860229		1.00		108.9	%	90-110	03/10/2004	1444
ICB			0.00180921							03/10/2004	1502
ICB			0.00169504							03/10/2004	1513
CCV		M0379	0.97982002		1.00		98.0	%	90-110	03/10/2004	1518
CCB			-0.0032590							03/10/2004	1533
MB		3010	0.00378740							03/10/2004	1536
LCS		M348	0.46255144		0.500		92.5	%	85-110	03/10/2004	1542
MS	223616-6	M348	0.56517050		0.500	0.02072901	108.9	%	75-125	03/10/2004	1552
MSD	223616-6	M348	0.59547829	0.56517050	0.500	0.02072901	114.9	%	75-125	03/10/2004	1558
							5.2	R	20		
CCV		M0379	1.18727470		1.00		118.7	%	90-110	03/10/2004	1632
CCB			-0.0051764							03/10/2004	1637

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223635 Report Date.: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.02027515		2.00		101.0	%	90-110	03/10/2004	1411
ICV		M0369	0.97088630		1.00		97.1	%	90-110	03/10/2004	1433
ICB			0.00060640							03/10/2004	1502
ICB			0.00040456							03/10/2004	1513
CCV		M0379	0.99223796		1.00		99.2	%	90-110	03/10/2004	1518
CCB			0.00019345							03/10/2004	1533
MB		3010	0.00001085							03/10/2004	1536
LCS		M348	0.50565102		0.500		101.1	%	90-110	03/10/2004	1542
MS	223616-6	M348	0.54201956		0.500	0.05996957	96.4	%	75-125	03/10/2004	1552
MSD	223616-6	M348	0.56437937	0.54201956	0.500	0.05996957	100.9	%	75-125	03/10/2004	1558
							4.0	R	20		
CCV		M0379	0.90241724		1.00		90.2	%	90-110	03/10/2004	1632
CCB			0.00005736							03/10/2004	1637

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.99522301		2.00		99.8	%	90-110	03/10/2004	1411
ICV		M0368	1.01797297		1.00		101.8	%	90-110	03/10/2004	1428
ICV		M0380	1.00460863		1.00		100.5	%	90-110	03/10/2004	1444
ICB			-0.0000940							03/10/2004	1502
ICB			0.00032704							03/10/2004	1513
CCV		M0379	0.95609643		1.00		95.6	%	90-110	03/10/2004	1518
CCB			-0.0000059							03/10/2004	1533
MB		3010	-0.0002251							03/10/2004	1536
LCS		M348	0.50641235		0.500		101.3	%	87-110	03/10/2004	1542
MS	223616-6	M348	0.49742310		0.500	0.00001986	99.5	%	75-125	03/10/2004	1552
MSD	223616-6	M348	0.52270273	0.49742310	0.500	0.00001986	104.5	%	75-125	03/10/2004	1558
							5.0	R	20		
CCV		M0379	1.06501739		1.00		106.5	%	90-110	03/10/2004	1632
CCB			-0.0003419							03/10/2004	1637

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01413148		2.00		100.7	%	90-110	03/10/2004	1411
ICV		M0368	1.01110830		1.00		101.1	%	90-110	03/10/2004	1428
ICV		M0380	0.97969926		1.00		98.0	%	90-110	03/10/2004	1444
ICB			0.00029363							03/10/2004	1502
ICB			0.00022554							03/10/2004	1513
CCV		M0379	0.97158632		1.00		97.2	%	90-110	03/10/2004	1518
CCB			0.00062540							03/10/2004	1533
MB		3010	0.00031087							03/10/2004	1536
LCS		M348	0.49926336		0.500		99.9	%	90-110	03/10/2004	1542
MS	223616-6	M348	0.48090204		0.500	0.00293382	95.6	%	75-125	03/10/2004	1552

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223635 Report Date.: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	223616-6	M348	0.50650076	0.48090204	0.500	0.00293382	100.7	%	75-125	03/10/2004	1558
							5.2	R	20		
CCV		M0379	0.95867638		1.00		95.9	%	90-110	03/10/2004	1632
CCB			0.00469195							03/10/2004	1637

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.98117251		2.00		99.1	%	90-110	03/10/2004	1411
ICV		M0368	1.03535311		1.00		103.5	%	90-110	03/10/2004	1428
ICV		M0380	1.01758348		1.00		101.8	%	90-110	03/10/2004	1444
ICB			0.00032448							03/10/2004	1502
ICB			0.00122306							03/10/2004	1513
CCV		M0379	0.96776623		1.00		96.8	%	90-110	03/10/2004	1518
CCB			0.00261279							03/10/2004	1533
MB		3010	-0.0024156							03/10/2004	1536
LCS		M348	0.51181892		0.500		102.4	%	87-112	03/10/2004	1542
MS	223616-6	M348	0.47230700		0.500	0.00357089	93.7	%	75-125	03/10/2004	1552
MSD	223616-6	M348	0.50067109	0.47230700	0.500	0.00357089	99.4	%	75-125	03/10/2004	1558
							5.8	R	20		
CCV		M0379	1.03260508		1.00		103.3	%	90-110	03/10/2004	1632
CCB			0.00089172							03/10/2004	1637

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.96022098		2.00		98.0	%	90-110	03/10/2004	1411
ICV		M0368	0.99776133		1.00		99.8	%	90-110	03/10/2004	1428
ICV		M0380	1.01519554		1.00		101.5	%	90-110	03/10/2004	1444
ICB			-0.0018193							03/10/2004	1502
ICB			0.00633338							03/10/2004	1513
CCV		M0379	0.93011263		1.00		93.0	%	90-110	03/10/2004	1518
CCB			0.00408659							03/10/2004	1533
MB		3010	0.00715247							03/10/2004	1536
LCS		M348	0.51123624		0.500		102.2	%	82-111	03/10/2004	1542
MS	223616-6	M348	0.47215825		0.500	0.01013336	92.4	%	75-125	03/10/2004	1552
MSD	223616-6	M348	0.53220484	0.47215825	0.500	0.01013336	104.4	%	75-125	03/10/2004	1558
							12.0	R	20		
CCV		M0379	1.15003912		1.00		115.0	%	90-110	03/10/2004	1632
CCB			-0.0091561							03/10/2004	1637

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223635 Report Date.: 03/12/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 91141 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	0.99732192		1.0		99.7	%	90-110	03/10/2004	1411
ICV		M0369	0.99471615		1.00		99.5	%	90-110	03/10/2004	1433
ICB			0.00004591							03/10/2004	1502
ICB			-0.0021604							03/10/2004	1513
CCV		M0379	0.48679243		0.50		97.4	%	90-110	03/10/2004	1518
CCB			-0.0005971							03/10/2004	1533
MB		3010	-0.0025630							03/10/2004	1536
LCS		M348	0.25993945		0.25		104.0	%	87-110	03/10/2004	1542
CCV		M0379	0.52854503		0.50		105.7	%	90-110	03/10/2004	1632
CCB			0.00119062							03/10/2004	1637

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 03/12/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:
Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard
CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 03/12/2004

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 22359

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Encycle RCRA Closure	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Ken Brandner	**BILLING INFORMATION**
ADDRESS: 711 N. Carancahua	BILL TO: Encycle RCRA Closure
Corpus Christi, TX 78475	ADDRESS:
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

2.2°C

LAB JOB NO. 223635

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Total As, Ba, Cd, Cr, Pb, Hg, Se, Ag	REMARKS/PRECAUTIONS
Tank 825203	Tank 825203	3/8/04	2:45	L	poly	HNO_3	1		
Tank 825208	Tank 825208		3:00	L	poly	HNO_3	1		
Tank 655151	Tank 655151		3:45	L	poly	HNO_3	1		
Splitter Box	Splitter box		4:15	L	poly	HNO_3	1		
Leach Tank	Leach Tank 1		4:30	L	poly	HNO_3	1		

SAMPLER: Ken Brandner | SHIPMENT METHOD: In Person | AIRBILL NO.: NA

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☒ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Kenneth Brandner	3/8/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Kenneth Brandner/ARCADIS	TIME 1649	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	3/8/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STLCC	TIME 1644	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
FEB 23 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 222999

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 02/18/2004

Olga Verónica McDonald
Signature

2/18/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 39

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 02/18/2004

Job Number.: 222999
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE CORPUS CHRISTI T
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
222999-1	TANK 605037	Water	02/03/2004	14:00	02/03/2004	15:18
222999-2	TANK 605036	Water	02/03/2004	14:30	02/03/2004	15:18
222999-3	FAC 3 PERMITTED FLOOR	Water	02/03/2004	14:55	02/03/2004	15:18

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 222999 Date: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRIS ATTN: Richard Marcus

Customer Sample ID: TANK 605037
Date Sampled.....: 02/03/2004
Time Sampled.....: 14:00
Sample Matrix.....: Water

Laboratory Sample ID: 222999-1
Date Received.....: 02/03/2004
Time Received.....: 15:18

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	02/06/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	02/06/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Lead (Pb), Total	0.13	0.01	mg/L	02/06/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	02/06/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			02/04/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 222999 Date: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRIS ATTN: Richard Marcus

Customer Sample ID: TANK 605036
Date Sampled.....: 02/03/2004
Time Sampled.....: 14:30
Sample Matrix.....: Water

Laboratory Sample ID: 222999-2
Date Received.....: 02/03/2004
Time Received.....: 15:18

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	02/06/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	02/06/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Lead (Pb), Total	0.08	0.01	mg/L	02/06/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	02/06/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	02/06/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			02/04/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 222999 Date: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRIS ATTN: Richard Marcus

Customer Sample ID: FAC 3 PERMITTED FLOOR
Date Sampled.....: 02/03/2004
Time Sampled.....: 14:55
Sample Matrix.....: Water

Laboratory Sample ID: 222999-3
Date Received.....: 02/03/2004
Time Received.....: 15:18

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Lead (Pb), Total	0.08	0.01	mg/L	02/06/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			02/04/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 89828 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M020604HG	0.00516		0.005000		103.2	%	90-110	02/06/2004	1358
ICB			0.000363							02/06/2004	1402
LCS		M020604LG	0.00508		0.0050		101.6	%	85-115	02/06/2004	1405
MB			0.000123							02/06/2004	1407
CCV		M020604HG	0.00454		0.005000		90.8	%	80-120	02/06/2004	1428
CCB			0.000025							02/06/2004	1430
MS	222963-1	M020604HG	0.00503		0.005000	-0.000061	101.8	%	85-115	02/06/2004	1435
MSD	222963-1	M020604HG	0.00525	0.00503	0.005000	-0.000061	106.2	%	85-115	02/06/2004	1437
							4.3	R	20		
MS	222997-1	M020604HG	0.00535		0.005000	-0.000072	108.4	%	85-115	02/06/2004	1446
MSD	222997-1	M020604HG	0.00507	0.00535	0.005000	-0.000072	102.8	%	85-115	02/06/2004	1448
							5.4	R	20		
CCV		M020604HG	0.00526		0.005000		105.2	%	80-120	02/06/2004	1503
CCB			-0.000181							02/06/2004	1507

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00359546		2.00		100.2	%	90-110	02/06/2004	1051
ICV		M0368	1.03097064		1.00		103.1	%	90-110	02/06/2004	1109
ICB			0.00250864							02/06/2004	1143
CCV		M0379	0.97051980		1.00		97.1	%	90-110	02/06/2004	1159
CCB			-0.0001247							02/06/2004	1210
MB	89698	3010	0.00024916							02/06/2004	1214
LCS	89698	M348	0.46999188		0.500		94.0	%	85-110	02/06/2004	1218
MS	222836-5	M348	0.53426594		0.500	-0.0003893	106.9	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.52533143	0.53426594	0.500	-0.0003893	105.1	%	75-125	02/06/2004	1259
							1.7	R	20		
CCV		M0379	0.98005847		1.00		98.0	%	90-110	02/06/2004	1304
CCB			-0.0037310							02/06/2004	1316
MB	89698	3010.	0.00220611							02/06/2004	1327
LCS	89698	M348	0.44986464		0.500		90.0	%	85-110	02/06/2004	1331
MS	223036-7	M348	0.55966521		0.500	0.01182602	109.6	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.55319180	0.55966521	0.500	0.01182602	108.3	%	75-125	02/06/2004	1353
							1.2	R	20		
CCV		M0379	0.97311208		1.00		97.3	%	90-110	02/06/2004	1411
CCB			0.00110753							02/06/2004	1422
CCV		M0379	0.97900678		1.00		97.9	%	90-110	02/06/2004	1507
CCB			0.00319474							02/06/2004	1518
MB	89698	3010	0.00285534							02/06/2004	1545
LCS	89698	M348	0.46299128		0.500		92.6	%	85-110	02/06/2004	1552
CCV		M0379	0.96249279		1.00		96.2	%	90-110	02/06/2004	1637
CCB			0.00576279							02/06/2004	1642
MS	223011-2	M348	0.53344947		0.500	0.00808126	105.1	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.52847597	0.53344947	0.500	0.00808126	104.1	%	75-125	02/06/2004	1705
							0.9	R	20		
MB	89698	3010	0.00797547							02/06/2004	1733
CCV		M0379	0.97534065		1.00		97.5	%	90-110	02/06/2004	1737
CCB			0.00383152							02/06/2004	1748

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB	89698	3010	0.00482941							02/06/2004	1755
LCS	89698	M348	0.47682576		0.500		95.4	%	85-110	02/06/2004	1759
MS	222963-1	M348	0.54403606		0.500	0.01384364	106.0	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.53497881	0.54403606	0.500	0.01384364	104.2	%	75-125	02/06/2004	1817
							1.7	R	20		
CCV		M0379	0.98157640		1.00		98.2	%	90-110	02/06/2004	1838
CCB			0.00361380							02/06/2004	1849
CCV		M0379	0.99306491		1.00		99.3	%	90-110	02/06/2004	1915
CCB			0.00602444							02/06/2004	1926
MB	89698	3010	0.00260079							02/06/2004	2001
LCS	89698	M348	0.51997523		0.500		104.0	%	85-110	02/06/2004	2009
CCV		M0379	1.00319461		1.00		100.3	%	90-110	02/06/2004	2018
CCB			0.00393993							02/06/2004	2029
MS	223051-1	M348	0.58694679		0.500	0.01242525	114.9	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.55896413	0.58694679	0.500	0.01242525	109.3	%	75-125	02/06/2004	2050
							4.9	R	20		
MB	89698	3051.	-0.0010041							02/06/2004	2106
LCS	89698	M348	0.51936408		0.500		103.9	%	85-110	02/06/2004	2110
CCV		M0379	1.00821256		1.00		100.8	%	90-110	02/06/2004	2119
CCB			0.00760201							02/06/2004	2130
MS	222995-2	M348	0.45617706		0.500	-0.0009007	91.4	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.45814591	0.45617706	0.500	-0.0009007	91.8	%	75-125	02/06/2004	2142
							0.4	R	20		
CCV		M0379	1.00090895		1.00		100.1	%	90-110	02/06/2004	2217
CCB			0.00528265							02/06/2004	2228
MB	89698	3010	0.00465653							02/06/2004	2235
LCS	89698	M348	0.50915890		0.500		101.8	%	85-110	02/06/2004	2242
MS	223027-1	M348	0.56814639		0.500	-0.0015510	113.9	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.55843776	0.56814639	0.500	-0.0015510	112.0	%	75-125	02/06/2004	2316
							1.7	R	20		
CCV		M0379	1.01066655		1.00		101.1	%	90-110	02/06/2004	2322
CCB			0.00921157							02/06/2004	2333
CCV		M0379	1.00242528		1.00		100.2	%	90-110	02/07/2004	0002
CCB			0.00589077							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01286541		2.00		100.6	%	90-110	02/06/2004	1051
ICV		M0369	1.05067514		1.00		105.1	%	90-110	02/06/2004	1115
ICB			-0.0005105							02/06/2004	1143
CCV		M0379	0.99113505		1.00		99.1	%	90-110	02/06/2004	1159
CCB			-0.0005771							02/06/2004	1210
MB	89698	3010	-0.0006824							02/06/2004	1214
LCS	89698	M348	0.51832790		0.500		103.7	%	90-110	02/06/2004	1218
MS	222836-5	M348	0.68488306		0.500	0.18846557	99.3	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.67005164	0.68488306	0.500	0.18846557	96.3	%	75-125	02/06/2004	1259
							2.2	R	20		
CCV		M0379	0.98318061		1.00		98.3	%	90-110	02/06/2004	1304

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0005434							02/06/2004	1316
MB	89698	3010.	-0.0001619							02/06/2004	1327
LCS	89698	M348	0.51518680		0.500		103.0	%	90-110	02/06/2004	1331
MS	223036-7	M348	0.70161576		0.500	0.20951278	98.4	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.69370871	0.70161576	0.500	0.20951278	96.8	%	75-125	02/06/2004	1353
							1.1	R	20		
CCV		M0379	0.98011980		1.00		98.0	%	90-110	02/06/2004	1411
CCB			-0.0004224							02/06/2004	1422
CCV		M0379	0.97775542		1.00		97.8	%	90-110	02/06/2004	1507
CCB			-0.0004221							02/06/2004	1518
MB	89698	3010	-0.0005623							02/06/2004	1545
LCS	89698	M348	0.51544463		0.500		103.1	%	90-110	02/06/2004	1552
CCV		M0379	0.98054189		1.00		98.1	%	90-110	02/06/2004	1637
CCB			-0.0001993							02/06/2004	1642
MS	223011-2	M348	0.59984825		0.500	0.11972202	96.0	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.59730622	0.59984825	0.500	0.11972202	95.5	%	75-125	02/06/2004	1705
							0.4	R	20		
MB	89698	3010	-0.0004594							02/06/2004	1733
CCV		M0379	0.97089221		1.00		97.1	%	90-110	02/06/2004	1737
CCB			-0.0003590							02/06/2004	1748
MB	89698	3010	0.00004502							02/06/2004	1755
LCS	89698	M348	0.54510707		0.500		109.0	%	90-110	02/06/2004	1759
MS	222963-1	M348	0.53556269		0.500	0.03358519	100.4	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.52733116	0.53556269	0.500	0.03358519	98.7	%	75-125	02/06/2004	1817
							1.5	R	20		
CCV		M0379	0.98072656		1.00		98.1	%	90-110	02/06/2004	1838
CCB			-0.0002761							02/06/2004	1849
CCV		M0379	0.97956621		1.00		98.0	%	90-110	02/06/2004	1915
CCB			-0.0004458							02/06/2004	1926
MB	89698	3010	-0.0006585							02/06/2004	2001
LCS	89698	M348	0.50601337		0.500		101.2	%	90-110	02/06/2004	2009
CCV		M0379	0.99996055		1.00		100.0	%	90-110	02/06/2004	2018
CCB			-0.0005611							02/06/2004	2029
MS	223051-1	M348	0.54403724		0.500	0.05478362	97.9	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.51604343	0.54403724	0.500	0.05478362	92.3	%	75-125	02/06/2004	2050
							5.3	R	20		
MB	89698	3051.	0.00157298							02/06/2004	2106
LCS	89698	M348	0.54110746		0.500		108.2	%	90-110	02/06/2004	2110
CCV		M0379	0.99797049		1.00		99.8	%	90-110	02/06/2004	2119
CCB			-0.0004306							02/06/2004	2130
MS	222995-2	M348	0.53862366		0.500	0.00478625	106.8	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.53754217	0.53862366	0.500	0.00478625	106.6	%	75-125	02/06/2004	2142
							0.2	R	20		
CCV		M0379	0.99271477		1.00		99.3	%	90-110	02/06/2004	2217
CCB			-0.0004491							02/06/2004	2228
MB	89698	3010	-0.0005706							02/06/2004	2235
LCS	89698	M348	0.49098163		0.500		98.2	%	90-110	02/06/2004	2242
MS	223027-1	M348	0.50930737		0.500	0.00920506	100.0	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.49964654	0.50930737	0.500	0.00920506	98.1	%	75-125	02/06/2004	2316
							1.9	R	20		
CCV		M0379	0.98892781		1.00		98.9	%	90-110	02/06/2004	2322
CCB			-0.0001340							02/06/2004	2333
CCV		M0379	0.98892186		1.00		98.9	%	90-110	02/07/2004	0002

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0004251							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01396297		2.00		100.7	%	90-110	02/06/2004	1051
ICV		M0368	1.01221379		1.00		101.2	%	90-110	02/06/2004	1109
ICB			0.00013353							02/06/2004	1143
CCV		M0379	0.98137137		1.00		98.1	%	90-110	02/06/2004	1159
CCB			0.00019008							02/06/2004	1210
MB	89698	3010	0.00017723							02/06/2004	1214
LCS	89698	M348	0.50790507		0.500		101.6	%	87-110	02/06/2004	1218
MS	222836-5	M348	0.46752149		0.500	0.00008880	93.5	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.46226694	0.46752149	0.500	0.00008880	92.4	%	75-125	02/06/2004	1259
							1.1	R	20		
CCV		M0379	0.96631569		1.00		96.6	%	90-110	02/06/2004	1304
CCB			0.00041326							02/06/2004	1316
MB	89698	3010.	0.00031599							02/06/2004	1327
LCS	89698	M348	0.50437366		0.500		100.9	%	87-110	02/06/2004	1331
MS	223036-7	M348	0.49318331		0.500	-0.0001492	98.7	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.48404451	0.49318331	0.500	-0.0001492	96.8	%	75-125	02/06/2004	1353
							1.9	R	20		
CCV		M0379	0.96237215		1.00		96.2	%	90-110	02/06/2004	1411
CCB			0.00041143							02/06/2004	1422
CCV		M0379	0.96549687		1.00		96.5	%	90-110	02/06/2004	1507
CCB			0.00039551							02/06/2004	1518
MB	89698	3010	0.00012895							02/06/2004	1545
LCS	89698	M348	0.49637295		0.500		99.3	%	87-110	02/06/2004	1552
CCV		M0379	0.94684482		1.00		94.7	%	90-110	02/06/2004	1637
CCB			0.00037419							02/06/2004	1642
MS	223011-2	M348	0.46928909		0.500	0.00006761	93.8	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.46881474	0.46928909	0.500	0.00006761	93.7	%	75-125	02/06/2004	1705
							0.1	R	20		
MB	89698	3010	0.00049118							02/06/2004	1733
CCV		M0379	0.92683122		1.00		92.7	%	90-110	02/06/2004	1737
CCB			0.00056567							02/06/2004	1748
MB	89698	3010	0.00037385							02/06/2004	1755
LCS	89698	M348	0.51743781		0.500		103.5	%	87-110	02/06/2004	1759
MS	222963-1	M348	0.48342530		0.500	0.00012027	96.7	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.47516155	0.48342530	0.500	0.00012027	95.0	%	75-125	02/06/2004	1817
							1.7	R	20		
CCV		M0379	0.93340401		1.00		93.3	%	90-110	02/06/2004	1838
CCB			0.00062273							02/06/2004	1849
CCV		M0379	0.93362467		1.00		93.4	%	90-110	02/06/2004	1915
CCB			0.00060329							02/06/2004	1926
MB	89698	3010	0.00054998							02/06/2004	2001
LCS	89698	M348	0.47319763		0.500		94.6	%	87-110	02/06/2004	2009
CCV		M0379	0.94424138		1.00		94.4	%	90-110	02/06/2004	2018
CCB			0.00061029							02/06/2004	2029

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	223051-1	M348	0.46956138		0.500	0.00018214	93.9	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.44788191	0.46956138	0.500	0.00018214	89.5	%	75-125	02/06/2004	2050
							4.7	R	20		
MB	89698	3051.	0.00052698							02/06/2004	2106
LCS	89698	M348	0.50029450		0.500		100.1	%	87-110	02/06/2004	2110
CCV		M0379	0.95265549		1.00		95.3	%	90-110	02/06/2004	2119
CCB			0.00076452							02/06/2004	2130
MS	222995-2	M348	0.48748930		0.500	0.00139324	97.2	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.48796141	0.48748930	0.500	0.00139324	97.3	%	75-125	02/06/2004	2142
							0.1	R	20		
CCV		M0379	0.95298915		1.00		95.3	%	90-110	02/06/2004	2217
CCB			0.00064497							02/06/2004	2228
MB	89698	3010	0.00052239							02/06/2004	2235
LCS	89698	M348	0.46440490		0.500		92.9	%	87-110	02/06/2004	2242
MS	223027-1	M348	0.47340238		0.500	0.00014012	94.7	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.46373649	0.47340238	0.500	0.00014012	92.7	%	75-125	02/06/2004	2316
							2.1	R	20		
CCV		M0379	0.94795983		1.00		94.8	%	90-110	02/06/2004	2322
CCB			0.00089814							02/06/2004	2333
CCV		M0379	0.93777147		1.00		93.8	%	90-110	02/07/2004	0002
CCB			0.00088060							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01492680		2.00		100.7	%	90-110	02/06/2004	1051
ICV		M0368	1.01396765		1.00		101.4	%	90-110	02/06/2004	1109
ICB			-0.0008806							02/06/2004	1143
CCV		M0379	0.98785223		1.00		98.8	%	90-110	02/06/2004	1159
CCB			-0.0012113							02/06/2004	1210
MB	89698	3010	-0.0013076							02/06/2004	1214
LCS	89698	M348	0.51380136		0.500		102.8	%	90-110	02/06/2004	1218
MS	222836-5	M348	0.50802488		0.500	0.00226619	101.2	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.50179036	0.50802488	0.500	0.00226619	99.9	%	75-125	02/06/2004	1259
							1.2	R	20		
CCV		M0379	0.97831151		1.00		97.8	%	90-110	02/06/2004	1304
CCB			-0.0008540							02/06/2004	1316
MB	89698	3010.	-0.0000697							02/06/2004	1327
LCS	89698	M348	0.51531350		0.500		103.1	%	90-110	02/06/2004	1331
MS	223036-7	M348	0.51433443		0.500	0.00739326	101.4	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.50783317	0.51433443	0.500	0.00739326	100.1	%	75-125	02/06/2004	1353
							1.3	R	20		
CCV		M0379	0.97345426		1.00		97.3	%	90-110	02/06/2004	1411
CCB			-0.0005200							02/06/2004	1422
CCV		M0379	0.97331868		1.00		97.3	%	90-110	02/06/2004	1507
CCB			-0.0004306							02/06/2004	1518
MB	89698	3010	-0.0005224							02/06/2004	1545
LCS	89698	M348	0.50649983		0.500		101.3	%	90-110	02/06/2004	1552
CCV		M0379	0.96385274		1.00		96.4	%	90-110	02/06/2004	1637

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0003401							02/06/2004	1642
MS	223011-2	M348	0.48316368		0.500	0.00073617	96.5	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.48115538	0.48316368	0.500	0.00073617	96.1	%	75-125	02/06/2004	1705
							0.4	R	20		
MB	89698	3010	-0.0012863							02/06/2004	1733
CCV		M0379	0.94630281		1.00		94.6	%	90-110	02/06/2004	1737
CCB			-0.0009555							02/06/2004	1748
MB	89698	3010	-0.0006963							02/06/2004	1755
LCS	89698	M348	0.53804161		0.500		107.6	%	90-110	02/06/2004	1759
MS	222963-1	M348	0.49934259		0.500	-0.0008075	100.0	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.49096203	0.49934259	0.500	-0.0008075	98.4	%	75-125	02/06/2004	1817
							1.7	R	20		
CCV		M0379	0.95490179		1.00		95.5	%	90-110	02/06/2004	1838
CCB			-0.0010645							02/06/2004	1849
CCV		M0379	0.95386726		1.00		95.4	%	90-110	02/06/2004	1915
CCB			-0.0004536							02/06/2004	1926
MB	89698	3010	-0.0004754							02/06/2004	2001
LCS	89698	M348	0.49414125		0.500		98.8	%	90-110	02/06/2004	2009
CCV		M0379	0.97759709		1.00		97.8	%	90-110	02/06/2004	2018
CCB			-0.0005820							02/06/2004	2029
MS	223051-1	M348	0.49918589		0.500	0.00200407	99.4	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.47150309	0.49918589	0.500	0.00200407	93.9	%	75-125	02/06/2004	2050
							5.7	R	20		
MB	89698	3051.	0.00083521							02/06/2004	2106
LCS	89698	M348	0.53347644		0.500		106.7	%	90-110	02/06/2004	2110
CCV		M0379	0.97996143		1.00		98.0	%	90-110	02/06/2004	2119
CCB			-0.0009335							02/06/2004	2130
MS	222995-2	M348	0.53086729		0.500	0.00553936	105.1	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.52989186	0.53086729	0.500	0.00553936	104.9	%	75-125	02/06/2004	2142
							0.2	R	20		
CCV		M0379	0.97746732		1.00		97.7	%	90-110	02/06/2004	2217
CCB			-0.0007476							02/06/2004	2228
MB	89698	3010	-0.0009004							02/06/2004	2235
LCS	89698	M348	0.48122769		0.500		96.2	%	90-110	02/06/2004	2242
MS	223027-1	M348	0.50584515		0.500	0.00615338	99.9	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.49586249	0.50584515	0.500	0.00615338	97.9	%	75-125	02/06/2004	2316
							2.0	R	20		
CCV		M0379	0.97153422		1.00		97.2	%	90-110	02/06/2004	2322
CCB			-0.0004339							02/06/2004	2333
CCV		M0379	0.97011300		1.00		97.0	%	90-110	02/07/2004	0002
CCB			-0.0010606							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01401164		2.00		100.7	%	90-110	02/06/2004	1051
ICV		M0368	1.01340903		1.00		101.3	%	90-110	02/06/2004	1109
ICB			-0.0012376							02/06/2004	1143
CCV		M0379	0.97778403		1.00		97.8	%	90-110	02/06/2004	1159

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00130929							02/06/2004	1210
MB	89698	3010	-0.0014010							02/06/2004	1214
LCS	89698	M348	0.51587111		0.500		103.2	%	87-112	02/06/2004	1218
MS	222836-5	M348	0.46888499		0.500	0.00003511	93.8	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.46792452	0.46888499	0.500	0.00003511	93.6	%	75-125	02/06/2004	1259
							0.2	R	20		
CCV		M0379	0.97050533		1.00		97.1	%	90-110	02/06/2004	1304
CCB			0.00113313							02/06/2004	1316
MB	89698	3010.	-0.0019157							02/06/2004	1327
LCS	89698	M348	0.51146807		0.500		102.3	%	87-112	02/06/2004	1331
MS	223036-7	M348	0.48745588		0.500	0.00209210	97.1	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.48321926	0.48745588	0.500	0.00209210	96.2	%	75-125	02/06/2004	1353
							0.9	R	20		
CCV		M0379	0.96209263		1.00		96.2	%	90-110	02/06/2004	1411
CCB			-0.0003436							02/06/2004	1422
CCV		M0379	0.96885772		1.00		96.9	%	90-110	02/06/2004	1507
CCB			-0.0004381							02/06/2004	1518
MB	89698	3010	-0.0011800							02/06/2004	1545
LCS	89698	M348	0.51783927		0.500		103.6	%	87-112	02/06/2004	1552
CCV		M0379	0.96526088		1.00		96.5	%	90-110	02/06/2004	1637
CCB			0.00142119							02/06/2004	1642
MS	223011-2	M348	0.46757803		0.500	-0.0000943	93.5	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.46088149	0.46757803	0.500	-0.0000943	92.2	%	75-125	02/06/2004	1705
							1.4	R	20		
MB	89698	3010	-0.0047683							02/06/2004	1733
CCV		M0379	0.95440405		1.00		95.4	%	90-110	02/06/2004	1737
CCB			-0.0011697							02/06/2004	1748
MB	89698	3010	-0.0032047							02/06/2004	1755
LCS	89698	M348	0.50508628		0.500		101.0	%	87-112	02/06/2004	1759
MS	222963-1	M348	0.48705754		0.500	-0.0008934	97.6	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.47437157	0.48705754	0.500	-0.0008934	95.1	%	75-125	02/06/2004	1817
							2.6	R	20		
CCV		M0379	0.95703808		1.00		95.7	%	90-110	02/06/2004	1838
CCB			-0.0021218							02/06/2004	1849
CCV		M0379	0.95918933		1.00		95.9	%	90-110	02/06/2004	1915
CCB			-0.0019413							02/06/2004	1926
MB	89698	3010	-0.0041451							02/06/2004	2001
LCS	89698	M348	0.49274936		0.500		98.5	%	87-112	02/06/2004	2009
CCV		M0379	0.98322676		1.00		98.3	%	90-110	02/06/2004	2018
CCB			-0.0028936							02/06/2004	2029
MS	223051-1	M348	0.46497168		0.500	-0.0025983	93.5	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.44579652	0.46497168	0.500	-0.0025983	89.7	%	75-125	02/06/2004	2050
							4.2	R	20		
MB	89698	3051.	-0.0016344							02/06/2004	2106
LCS	89698	M348	0.53085305		0.500		106.2	%	87-112	02/06/2004	2110
CCV		M0379	0.98568061		1.00		98.6	%	90-110	02/06/2004	2119
CCB			-0.0022021							02/06/2004	2130
MS	222995-2	M348	0.68130355		0.500	0.14390778	107.5	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.66847006	0.68130355	0.500	0.14390778	104.9	%	75-125	02/06/2004	2142
							1.9	R	20		
CCV		M0379	0.98368093		1.00		98.4	%	90-110	02/06/2004	2217
CCB			-0.0023033							02/06/2004	2228
MB	89698	3010	-0.0040532							02/06/2004	2235

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS	89698	M348	0.48334710		0.500		96.7	%	87-112	02/06/2004	2242
MS	223027-1	M348	0.47637964		0.500	-0.0085259	97.0	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.46576730	0.47637964	0.500	-0.0085259	94.9	%	75-125	02/06/2004	2316
							2.3	R	20		
CCV		M0379	0.98631484		1.00		98.6	%	90-110	02/06/2004	2322
CCB			-0.0042875							02/06/2004	2333
CCV		M0379	0.97176749		1.00		97.2	%	90-110	02/07/2004	0002
CCB			-0.0029277							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.03105424		2.00		101.6	%	90-110	02/06/2004	1051
ICV		M0368	0.98212776		1.00		98.2	%	90-110	02/06/2004	1109
ICB			-0.0056368							02/06/2004	1143
CCV		M0379	0.95205082		1.00		95.2	%	90-110	02/06/2004	1159
CCB			-0.0079622							02/06/2004	1210
MB	89698	3010	0.00106642							02/06/2004	1214
LCS	89698	M348	0.49281568		0.500		98.6	%	82-111	02/06/2004	1218
MS	222836-5	M348	0.48963940		0.500	-0.0216319	102.3	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.48909578	0.48963940	0.500	-0.0216319	102.1	%	75-125	02/06/2004	1259
							0.1	R	20		
CCV		M0379	0.95067112		1.00		95.1	%	90-110	02/06/2004	1304
CCB			0.00251017							02/06/2004	1316
MB	89698	3010.	0.00073951							02/06/2004	1327
LCS	89698	M348	0.47625007		0.500		95.3	%	82-111	02/06/2004	1331
MS	223036-7	M348	0.49111428		0.500	-0.0130539	100.8	%	75-125	02/06/2004	1348
MSD	223036-7	M348	0.47837317	0.49111428	0.500	-0.0130539	98.3	%	75-125	02/06/2004	1353
							2.6	R	20		
CCV		M0379	0.94557237		1.00		94.6	%	90-110	02/06/2004	1411
CCB			-0.0070382							02/06/2004	1422
CCV		M0379	0.95132918		1.00		95.1	%	90-110	02/06/2004	1507
CCB			-0.0037705							02/06/2004	1518
MB	89698	3010	-0.0058637							02/06/2004	1545
LCS	89698	M348	0.48189565		0.500		96.4	%	82-111	02/06/2004	1552
CCV		M0379	0.92548644		1.00		92.5	%	90-110	02/06/2004	1637
CCB			-0.0078774							02/06/2004	1642
MS	223011-2	M348	0.45631490		0.500	-0.0276661	96.8	%	75-125	02/06/2004	1659
MSD	223011-2	M348	0.45836824	0.45631490	0.500	-0.0276661	97.2	%	75-125	02/06/2004	1705
							0.4	R	20		
MB	89698	3010	-0.0159808							02/06/2004	1733
CCV		M0379	0.91959544		1.00		92.0	%	90-110	02/06/2004	1737
CCB			-0.0142994							02/06/2004	1748
MB	89698	3010	-0.0111962							02/06/2004	1755
LCS	89698	M348	0.47053066		0.500		94.1	%	82-111	02/06/2004	1759
MS	222963-1	M348	0.46746695		0.500	-0.0255521	98.6	%	75-125	02/06/2004	1812
MSD	222963-1	M348	0.45408756	0.46746695	0.500	-0.0255521	95.9	%	75-125	02/06/2004	1817
							2.9	R	20		
CCV		M0379	0.92066673		1.00		92.1	%	90-110	02/06/2004	1838

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0154877							02/06/2004	1849
CCV		M0379	0.92471181		1.00		92.5	%	90-110	02/06/2004	1915
CCB			-0.0188559							02/06/2004	1926
MB	89698	3010	-0.0036248							02/06/2004	2001
LCS	89698	M348	0.45911417		0.500		91.8	%	82-111	02/06/2004	2009
CCV		M0379	0.94760609		1.00		94.8	%	90-110	02/06/2004	2018
CCB			-0.0065069							02/06/2004	2029
MS	223051-1	M348	0.47850658		0.500	-0.0093128	97.6	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.45531165	0.47850658	0.500	-0.0093128	92.9	%	75-125	02/06/2004	2050
							5.0	R	20		
MB	89698	3051.	-0.0052865							02/06/2004	2106
LCS	89698	M348	0.47212283		0.500		94.4	%	82-111	02/06/2004	2110
CCV		M0379	0.94104934		1.00		94.1	%	90-110	02/06/2004	2119
CCB			-0.0120675							02/06/2004	2130
MS	222995-2	M348	0.45221046		0.500	-0.0130079	93.0	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.46463260	0.45221046	0.500	-0.0130079	95.5	%	75-125	02/06/2004	2142
							2.7	R	20		
CCV		M0379	0.93855473		1.00		93.9	%	90-110	02/06/2004	2217
CCB			-0.0180175							02/06/2004	2228
MB	89698	3010	-0.0135372							02/06/2004	2235
LCS	89698	M348	0.43772577		0.500		87.5	%	82-111	02/06/2004	2242
MS	223027-1	M348	0.49789279		0.500	-0.0134678	102.3	%	75-125	02/06/2004	2310
MSD	223027-1	M348	0.47968905	0.49789279	0.500	-0.0134678	98.6	%	75-125	02/06/2004	2316
							3.7	R	20		
CCV		M0379	0.93834808		1.00		93.8	%	90-110	02/06/2004	2322
CCB			-0.0274192							02/06/2004	2333
CCV		M0379	0.93229104		1.00		93.2	%	90-110	02/07/2004	0002
CCB			-0.0173127							02/07/2004	0013

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M037D	1.00322324		1.0		100.3	%	90-110	02/06/2004	1051
ICV		M0369	1.07306617		1.00		107.3	%	90-110	02/06/2004	1115
ICB			-0.0019932							02/06/2004	1143
CCV		M0379	0.49117871		0.50		98.2	%	90-110	02/06/2004	1159
CCB			-0.0004243							02/06/2004	1210
MB	89698	3010	-0.0003247							02/06/2004	1214
LCS	89698	M348	0.28468878		0.25		113.9	%	80-120	02/06/2004	1218
MS	222836-5	M348	0.08080421		0.25	-0.0031159	33.6	%	75-125	02/06/2004	1253
MSD	222836-5	M348	0.08690280	0.08080421	0.25	-0.0031159	36.0	%	75-125	02/06/2004	1259
							7.3	R	20		
CCV		M0379	0.48860436		0.50		97.7	%	90-110	02/06/2004	1304
CCB			-0.0003651							02/06/2004	1316
MB	89698	3010.	-0.0007760							02/06/2004	1327
LCS	89698	M348	0.25627524		0.25		102.5	%	87-110	02/06/2004	1331
CCV		M0379	0.49318819		0.50		98.6	%	90-110	02/06/2004	1411
CCB			-0.0009176							02/06/2004	1422
CCV		M0379	0.49378625		0.50		98.8	%	90-110	02/06/2004	1507

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 222999 Report Date.: 02/18/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE CORPUS CHRISTI T ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 89858 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0008288							02/06/2004	1518
MB	89698	3010	-0.0008944							02/06/2004	1545
LCS	89698	M348	0.25604155		0.25		102.4	%	87-110	02/06/2004	1552
CCV		M0379	0.49105671		0.50		98.2	%	90-110	02/06/2004	1637
CCB			-0.0014159							02/06/2004	1642
MB	89698	3010	-0.0011113							02/06/2004	1733
CCV		M0379	0.48305933		0.50		96.6	%	90-110	02/06/2004	1737
CCB			-0.0013216							02/06/2004	1748
MB	89698	3010	-0.0004390							02/06/2004	1755
LCS	89698	M348	0.26615836		0.25		106.5	%	87-110	02/06/2004	1759
CCV		M0379	0.48287148		0.50		96.6	%	90-110	02/06/2004	1838
CCB			-0.0015994							02/06/2004	1849
CCV		M0379	0.48061558		0.50		96.1	%	90-110	02/06/2004	1915
CCB			-0.0008863							02/06/2004	1926
MB	89698	3010	-0.0001459							02/06/2004	2001
LCS	89698	M348	0.21073777		0.25		84.3	%	80-120	02/06/2004	2009
CCV		M0379	0.47927420		0.50		95.9	%	90-110	02/06/2004	2018
CCB			-0.0010585							02/06/2004	2029
MS	223051-1	M348	0.22056864		0.25	-0.0023290	89.2	%	75-125	02/06/2004	2044
MSD	223051-1	M348	0.21949537	0.22056864	0.25	-0.0023290	88.7	%	75-125	02/06/2004	2050
							0.5	R	20		
MB	89698	3051.	0.00159246							02/06/2004	2106
LCS	89698	M348	0.25276770		0.25		101.1	%	87-110	02/06/2004	2110
CCV		M0379	0.48927565		0.50		97.9	%	90-110	02/06/2004	2119
CCB			-0.0011151							02/06/2004	2130
MS	222995-2	M348	0.25647604		0.25	0.00526954	100.5	%	75-125	02/06/2004	2137
MSD	222995-2	M348	0.25762566	0.25647604	0.25	0.00526954	100.9	%	75-125	02/06/2004	2142
							0.4	R	20		
CCV		M0379	0.48684641		0.50		97.4	%	90-110	02/06/2004	2217
CCB			-0.0006494							02/06/2004	2228
CCV		M0379	0.48175928		0.50		96.4	%	90-110	02/06/2004	2322
CCB			-0.0008655							02/06/2004	2333
CCV		M0379	0.48124256		0.50		96.2	%	90-110	02/07/2004	0002
CCB			-0.0002816							02/07/2004	0013

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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Original

Subcontract Laboratory

Report

SEVERN TRENT STL

Certificate of Analysis

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ANALYTICAL REPORT

Encycle/Asarco

Lot #: I4B050145

Olga McDonald

STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

SEVERN TRENT LABORATORIES, INC.

Neal J. Salcher
Project Manager

February 11, 2004

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

February 11, 2004

STL LOT NUMBER: **I4B050145**

Olga McDonald
STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

Dear Olga McDonald,

This report contains the analytical results for the sample received under chain of custody by Severn Trent Laboratories (STL) on February 5, 2004. This sample is associated with your Encycle/Asarco project.

All applicable quality control procedures met method-specified acceptance criteria.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me.

Sincerely,

Neal Salcher
Project Manager

cc: Project File

EXECUTIVE SUMMARY - Detection Highlights

I4B050145

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
222999-3 02/03/04 14:55 001				
Cadmium	44.3	1.0	ug/L	SW846 6020
Thallium	1.3	1.0	ug/L	SW846 6020

ANALYTICAL METHODS SUMMARY

I4B050145

PARAMETER	ANALYTICAL METHOD
ICP-MS (6020)	SW846 6020

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I4B050145

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
F84FV	001	222999-3	02/03/04	14:55

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I4B050145

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6020		4037313	4037137

STL CORPUS CHRISTI

Client Sample ID: 222999-3

TOTAL Metals

Lot-Sample #...: I4B050145-001 Matrix.....: WATER
Date Sampled...: 02/03/04 14:55 Date Received..: 02/05/04

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4037313						
Cadmium	44.3	1.0	ug/L	SW846 6020	02/06-02/11/04	F84FV1AA
		Dilution Factor: 1		Analysis Time..: 11:36	MS Run #.....: 4037137	
Thallium	1.3	1.0	ug/L	SW846 6020	02/06-02/11/04	F84FV1AC
		Dilution Factor: 1		Analysis Time..: 11:36	MS Run #.....: 4037137	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I4B050145 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I4B060000-313 **Prep Batch #...:** 4037313						
Cadmium	ND	1.0	ug/L	SW846 6020	02/06-02/11/04	F87J51AA
		Dilution Factor: 1				
		Analysis Time..: 11:23				
Thallium	ND	1.0	ug/L	SW846 6020	02/06-02/11/04	F87J51AC
		Dilution Factor: 1				
		Analysis Time..: 11:23				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4B050145 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4B060000-313 **Prep Batch #...:** 4037313					
Cadmium	104	(80 - 120)	SW846 6020	02/06-02/11/04	F87J51AD
		Dilution Factor: 1	Analysis Time..: 11:30		
Thallium	105	(80 - 120)	SW846 6020	02/06-02/11/04	F87J51AE
		Dilution Factor: 1	Analysis Time..: 11:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4B050145 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4B060000-313 **Prep Batch #...:** 4037313							
Cadmium	50.0	52.1	ug/L	104	SW846 6020	02/06-02/11/04	F87J51AD
			Dilution Factor: 1		Analysis Time..: 11:30		
Thallium	50.0	52.3	ug/L	105	SW846 6020	02/06-02/11/04	F87J51AE
			Dilution Factor: 1		Analysis Time..: 11:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4B050145 **Matrix.....:** WATER
Date Sampled...: 02/03/04 14:55 **Date Received..:** 02/05/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4B050145-001 **Prep Batch #...:** 4037313							
Cadmium	105	(80 - 120)			SW846 6020	02/06-02/11/04	F84FV1AD
	103	(80 - 120)	0.98	(0-20)	SW846 6020	02/06-02/11/04	F84FV1AE
		Dilution Factor: 1					
		Analysis Time..: 11:56					
		MS Run #.....: 4037137					
Thallium	101	(80 - 120)			SW846 6020	02/06-02/11/04	F84FV1AF
	101	(80 - 120)	0.15	(0-20)	SW846 6020	02/06-02/11/04	F84FV1AG
		Dilution Factor: 1					
		Analysis Time..: 11:56					
		MS Run #.....: 4037137					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4B050145 **Matrix.....:** WATER
Date Sampled...: 02/03/04 14:55 **Date Received..:** 02/05/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4B050145-001 **Prep Batch #...:** 4037313									
Cadmium									
	44.3	50.0	96.9	ug/L	105		SW846 6020	02/06-02/11/04	F84FV1AD
	44.3	50.0	95.9	ug/L	103	0.98	SW846 6020	02/06-02/11/04	F84FV1AE
			Dilution Factor: 1						
			Analysis Time..: 11:56						
			MS Run #.....: 4037137						
Thallium									
	1.3	50.0	52.0	ug/L	101		SW846 6020	02/06-02/11/04	F84FV1AF
	1.3	50.0	51.9	ug/L	101	0.15	SW846 6020	02/06-02/11/04	F84FV1AG
			Dilution Factor: 1						
			Analysis Time..: 11:56						
			MS Run #.....: 4037137						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Report Attachment

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.1 COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2 Fluoride: Preliminary Bellack distillation not performed.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
Iowa OA-1: Benzene, toluene, ethylbenzene and xylenes (BTEX) not analyzed along with Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples are not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

SEVERN TRENT STL

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I4B050145

RECEIVED BY: _____

COC NUMBER: _____

DATE/TIME RECEIVED: 2-5-04 0900

QUOTE/PROFILE: 56827

UNPACKED DATE/TIME: 2-5-04 1040

CLIENT/PROJECT: STL

SAMPLES LOGGED IN: BJ

LOG-IN REVIEWED: _____

Number of Shipping Containers Received with Chain of Custody: 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: _____

Container Sealed: ☐ YES ☐ NO

Custody Seal Signed/Dated: ☐ YES ☐ NO

Custody Seal Present: ☐ YES ☐ NO

Containers checked for radioactivity: ☐ YES ☐ NO ☐ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: _____

Canister Valves Closed: ☐ YES ☐ NO

Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle)
None / Absorbent / Paper / Bubble Wrap

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

Can Size: ☐ 6L ☐ 15L Other _____

3.0 SAMPLE TEMPERATURE UPON RECEIPT: CC **IR THERMOMETER #:** 004

The temperature of the container(s) is: *[acceptable tolerance 4°C ± 2°; (NC, WI: 1-4.4°C)]*

3.0°C										

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____

OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☐ NA ☑ YES **VERIFIED BY:** CC

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☑ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification: ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOAs CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

4.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** CC

Samples received match COC: ☒ YES ☐ NO Bottles received intact: ☒ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☒ NO Samples received from USDA restricted area: ☐ YES ☒ NO

Chain-of-Custody form properly maintained: ☒ YES ☐ NO VOA trip blanks included: ☐ YES ☐ NO ☒ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☒ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

_____

_____

_____

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

_____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: Mark Sabella Date: 2/11/04

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

SEVERN TRENT **STL**

STL Austin

No. 17870

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: STL Corpus Christi	PROJECT NAME/NUMBER: Encycle
SEND REPORT TO:	BILLING INFORMATION
ADDRESS:	BILL TO:
	ADDRESS: Same
PHONE: 361/289-2673	PHONE:
FAX: 361/289-2471	FAX: PO NO:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST Cl, Tl (6020)							REMARKS/PRECAUTIONS
	222999-3	2/3/04	1455	W	P250	HNO3	1	X							3.0° 2.5 04 CL

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☒ OTHER 2/10/04

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Olga Vernica McDonald	2/4/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 14:03	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [signature]	2-5-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 0900	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

SEVERN TRENT **STL**

STL Austin
I4B050145

No. 17870

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: STL Corpus Christi	PROJECT NAME/NUMBER: Encycle
SEND REPORT TO:	**BILLING INFORMATION**
ADDRESS:	BILL TO:
	ADDRESS: Same
PHONE: 361/289-2673	PHONE:
FAX: 361/289-2471	FAX: PO NO:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST Cd, Tl (6020)							REMARKS/PRECAUTIONS
	222999-3	2/3/04	1455	W	P250	HNO3	1	X							3.0° 2-5-04 cl

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☒ OTHER 2/10/04

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Olga Veronica McDonald	2/4/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 14:03	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: [signature]	2-5-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 0900	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

End of

Subcontract Laboratory

Report(s)

SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 02/18/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:
Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard
CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 02/18/2004

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name: Encycle

Project Location: Corpus Christi, TX

Laboratory: STL Corpus Christi

Project Manager: Ken Brandon

Sampler(s)/Affiliation: Ken Brandon / ARCADIS

22999
2.5°C

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: As, Ba, Cd, Cr, Pb, Hg, Se, Silver (16 oz. poly w/HNO3)		Total lead (16 oz. poly w/HNO3)				Remarks	Total
Tank 605037	L	2/3/04 1400		1							1
Tank 605036	L	1430		1							1
Fac 3 Permitted Floor	L	1455				1					1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 3

					Seal Intact?
Relinquished by: Ken Brandon	Organization: ARCADIS	Date 2/3/04	Time 1578		
Received by: Chris Smith	Organization: STL-CC	Date 2/3/04	Time 1578		Yes No (N/A)
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: Samples delivered in cooler with ice. Normal turnaround. Results to Rich Marcus and Ken Brandon. Invoice to Rich Marcus.

Delivery Method: ☒ In Person ☐ Common Carrier _____ (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

SEVERN TRENT STL

RECEIVED
APR 23 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 224214

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 04/21/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

4/22/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 18

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 04/21/2004

Job Number.: 224214
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
224214-1	TANK 605040	Water	04/08/2004	14:20	04/08/2004	16:13
224214-2	TANK 605039	Water	04/08/2004	14:35	04/08/2004	16:13
224214-3	THICKENER 5	Water	04/08/2004	14:50	04/08/2004	16:13
224214-4	FILTER 225040	Water	04/08/2004	15:05	04/08/2004	16:13

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224214 Date: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 605040
Date Sampled.....: 04/08/2004
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 224214-1
Date Received.....: 04/08/2004
Time Received.....: 16:13

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/14/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Barium (Ba), Total	0.06	0.01	mg/L	04/13/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Lead (Pb), Total	0.03	0.01	mg/L	04/13/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	04/13/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/12/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224214 Date: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 605039
Date Sampled.....: 04/08/2004
Time Sampled.....: 14:35
Sample Matrix.....: Water

Laboratory Sample ID: 224214-2
Date Received.....: 04/08/2004
Time Received.....: 16:13

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/14/04	edr
SW-846 6010B	Arsenic (As), Total	0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Barium (Ba), Total	0.06	0.01	mg/L	04/13/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Lead (Pb), Total	0.11	0.01	mg/L	04/13/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	04/13/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/12/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224214 Date: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: THICKENER 5
Date Sampled.....: 04/08/2004
Time Sampled.....: 14:50
Sample Matrix.....: Water

Laboratory Sample ID: 224214-3
Date Received.....: 04/08/2004
Time Received.....: 16:13

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/14/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Barium (Ba), Total	0.07	0.01	mg/L	04/13/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Lead (Pb), Total	0.03	0.01	mg/L	04/13/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	04/13/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/12/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224214 Date: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FILTER 225040
Date Sampled.....: 04/08/2004
Time Sampled.....: 15:05
Sample Matrix.....: Water

Laboratory Sample ID: 224214-4
Date Received.....: 04/08/2004
Time Received.....: 16:13

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/14/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Barium (Ba), Total	0.08	0.01	mg/L	04/13/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Lead (Pb), Total	0.13	0.01	mg/L	04/13/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	04/13/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	04/13/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/12/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 92510 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M041404HG	0.00504		0.00500		100.8	%	90-110	04/14/2004	1848
ICB			0.000028							04/14/2004	1851
LCS		M041404LG	0.00536		0.0050		107.2	%	85-115	04/14/2004	1855
MB			-0.000046							04/14/2004	1856
MS	224113-1	M041404HG	0.00551		0.00500	-0.000125	112.7	%	75-125	04/14/2004	1910
MSD	224113-1	M041404HG	0.00494	0.00551	0.00500	-0.000125	101.3	%	75-125	04/14/2004	1911
							10.9	R	20		
CCV		M041404HG	0.00552		0.00500		110.4	%	80-120	04/14/2004	1918
CCB			0.000048							04/14/2004	1921
CCV		M041404HG	0.00503		0.00500		100.6	%	80-120	04/14/2004	1941
CCB			-0.000781							04/14/2004	1945
LCS		M041404LG	0.00496		0.0050		99.2	%	85-115	04/14/2004	1946
MB			-0.000409							04/14/2004	1948
MS	224118-1	M041404HG	0.00525		0.00500	-0.000412	113.2	%	75-125	04/14/2004	1956
MSD	224118-1	M041404HG	0.00548	0.00525	0.00500	-0.000412	117.8	%	75-125	04/14/2004	1958
							4.3	R	20		
CCV		M041404HG	0.00534		0.00500		106.8	%	80-120	04/14/2004	2013
CCB			-0.000383							04/14/2004	2016
CCV		M041404HG	0.00583		0.00500		116.6	%	80-120	04/14/2004	2035
CCB			-0.000183							04/14/2004	2036
LCS		M041404LG	0.00519		0.0050		103.8	%	85-115	04/14/2004	2040
MB			-0.000199							04/14/2004	2041
CCV		M041404HG	0.00531		0.00500		106.2	%	80-120	04/14/2004	2100
CCB			-0.000149							04/14/2004	2103
MS	224214-1	M041404HG	0.00547		0.00500	-0.000054	110.5	%	75-125	04/14/2004	2115
MSD	224214-1	M041404HG	0.00526	0.00547	0.00500	-0.000054	106.3	%	75-125	04/14/2004	2116
							3.9	R	20		
CCV		M041404HG	0.00537		0.00500		107.4	%	80-120	04/14/2004	2128
CCB			-0.000449							04/14/2004	2131

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.02562431		2.00		101.3	%	90-110	04/13/2004	1148
ICV		M0368	1.04457209		1.00		104.5	%	90-110	04/13/2004	1203
ICV		M0380	1.05459922		1.00		105.5	%	90-110	04/13/2004	1219
ICB			-0.0070797							04/13/2004	1236
ICB			0.00038172							04/13/2004	1255
CCV		M0379	1.05092303		1.00		105.1	%	90-110	04/13/2004	1305
CCB			-0.0051436							04/13/2004	1316
MB		3010	-0.0075832							04/13/2004	1339
LCS		M348	0.48411682		0.500		96.8	%	85-110	04/13/2004	1346
MS	224205-1	M348	0.57978925		0.500	0.01426640	113.1	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.57212162	0.57978925	0.500	0.01426640	111.6	%	75-125	04/13/2004	1413
							1.3	R	20		
CCV		M0379	1.05711892		1.00		105.7	%	90-110	04/13/2004	1429
CCB			0.00079588							04/13/2004	1443
CCV		M0379	1.05577287		1.00		105.6	%	90-110	04/13/2004	1527
CCB			-0.0047776							04/13/2004	1541

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3010.	-0.0069337							04/13/2004	1608
LCS		M348	0.47243742		0.500		94.5	%	85-110	04/13/2004	1611
CCV		M0379	1.03989935		1.00		104.0	%	90-110	04/13/2004	1622
CCB			-0.0119109							04/13/2004	1636
MS	224250-4	M348	0.50977899		0.500	-0.0205895	106.1	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.50568912	0.50977899	0.500	-0.0205895	105.3	%	75-125	04/13/2004	1655
							0.8	R	20		
CCB			-0.0043882							04/13/2004	1701
CCV		M0379	1.03157061		1.00		103.2	%	90-110	04/13/2004	1724
CCB			-0.0129090							04/13/2004	1738
CCV		M0379	1.04230836		1.00		104.2	%	90-110	04/13/2004	1806
CCB			-0.0073067							04/13/2004	1820
MB		3010	-0.0060382							04/13/2004	1823
LCS		M348	0.48042449		0.500		96.1	%	85-110	04/13/2004	1830
MS	224222-1	M348	0.55037186		0.500	-0.0036528	110.8	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.51786633	0.55037186	0.500	-0.0036528	104.3	%	75-125	04/13/2004	1853
							6.1	R	20		
CCV		M0379	1.05091365		1.00		105.1	%	90-110	04/13/2004	1908
CCB			-0.0105845							04/13/2004	1922
CCV		M0379	1.05069358		1.00		105.1	%	90-110	04/13/2004	2000
CCB			-0.0078623							04/13/2004	2014
MB		3050	-0.0040322							04/13/2004	2038
LCS		M348	0.46289909		0.500		92.6	%	82-110	04/13/2004	2045
SB		M383D	2.35463092		2.31		101.9	%	80-120	04/13/2004	2050
CCV		M0379	1.05143500		1.00		105.1	%	90-110	04/13/2004	2056
CCB			-0.0068399							04/13/2004	2110
CCV		M0379	1.05573348		1.00		105.6	%	90-110	04/13/2004	2157
CCB			-0.0059029							04/13/2004	2211
MS	224245-18	M348	0.73823188		0.500	0.21955600	103.7	%	75-125	04/13/2004	2214
MSD	224245-18	M348	0.70542457	0.73823188	0.500	0.21955600	97.2	%	75-125	04/13/2004	2220
							4.5	R	20		
CCV		M0379	1.05270939		1.00		105.3	%	90-110	04/13/2004	2252
CCB			-0.0071676							04/13/2004	2302

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00994109		2.00		100.5	%	90-110	04/13/2004	1148
ICV		M0369	1.00961348		1.00		101.0	%	90-110	04/13/2004	1208
ICB			-0.0030464							04/13/2004	1236
ICB			-0.0030588							04/13/2004	1255
CCV		M0379	1.02459747		1.00		102.5	%	90-110	04/13/2004	1305
CCB			-0.0030979							04/13/2004	1316
MB		3010	-0.0022962							04/13/2004	1339
LCS		M348	0.52358098		0.500		104.7	%	90-110	04/13/2004	1346
MS	224205-1	M348	0.63483344		0.500	0.12740453	101.5	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.63150397	0.63483344	0.500	0.12740453	100.8	%	75-125	04/13/2004	1413
							0.5	R	20		
CCV		M0379	1.02951896		1.00		103.0	%	90-110	04/13/2004	1429

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0028361							04/13/2004	1443
CCV		M0379	1.02427379		1.00		102.4	%	90-110	04/13/2004	1527
CCB			-0.0030605							04/13/2004	1541
MB		3010.	-0.0030429							04/13/2004	1608
LCS		M348	0.50898814		0.500		101.8	%	90-110	04/13/2004	1611
CCV		M0379	1.01660070		1.00		101.7	%	90-110	04/13/2004	1622
CCB			-0.0032479							04/13/2004	1636
MS	224250-4	M348	1.40643384		0.500	0.90594055	100.1	%	75-125	04/13/2004	1650
MSD	224250-4	M348	1.39277434	1.40643384	0.500	0.90594055	97.4	%	75-125	04/13/2004	1655
							1.0	R	20		
CCB			-0.0029494							04/13/2004	1701
CCV		M0379	1.01100147		1.00		101.1	%	90-110	04/13/2004	1724
CCB			-0.0034020							04/13/2004	1738
CCV		M0379	1.01200314		1.00		101.2	%	90-110	04/13/2004	1806
CCB			-0.0030886							04/13/2004	1820
MB		3010	-0.0033284							04/13/2004	1823
LCS		M348	0.51916663		0.500		103.8	%	90-110	04/13/2004	1830
MS	224222-1	M348	0.81320259		0.500	0.30402202	101.8	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.76568249	0.81320259	0.500	0.30402202	92.3	%	75-125	04/13/2004	1853
							6.0	R	20		
CCV		M0379	1.02422843		1.00		102.4	%	90-110	04/13/2004	1908
CCB			-0.0031133							04/13/2004	1922
CCV		M0379	1.03047185		1.00		103.0	%	90-110	04/13/2004	2000
CCB			-0.0031683							04/13/2004	2014
MB		3050	-0.0032100							04/13/2004	2038
LCS		M348	0.45569521		0.500		91.1	%	89-110	04/13/2004	2045
SB		M383D	8.88234168		10.00		88.8	%	80-120	04/13/2004	2050
CCV		M0379	1.01995164		1.00		102.0	%	90-110	04/13/2004	2056
CCB			-0.0029696							04/13/2004	2110
CCV		M0379	1.02527212		1.00		102.5	%	90-110	04/13/2004	2157
CCB			-0.0031285							04/13/2004	2211
MS	224245-18	M348	1.92521736		0.500	1.43117000	98.8	%	75-125	04/13/2004	2214
MSD	224245-18	M348	1.79707297	1.92521736	0.500	1.43117000	73.2	%	75-125	04/13/2004	2220
							6.9	R	20		
CCV		M0379	1.02437053		1.00		102.4	%	90-110	04/13/2004	2252
CCB			-0.0031148							04/13/2004	2302

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00975252		2.00		100.5	%	90-110	04/13/2004	1148
ICV		M0368	1.01318952		1.00		101.3	%	90-110	04/13/2004	1203
ICV		M0380	1.00626658		1.00		100.6	%	90-110	04/13/2004	1219
ICB			-0.0030804							04/13/2004	1236
ICB			-0.0029487							04/13/2004	1255
ICV		M368B	0.51663083		0.500		103.3	%	90-110	04/13/2004	1300
CCV		M0379	1.02363365		1.00		102.4	%	90-110	04/13/2004	1305
CCB			-0.0031628							04/13/2004	1316
MB		3010	-0.0030493							04/13/2004	1339

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.51597566		0.500		103.2	%	87-110	04/13/2004	1346
MS	224205-1	M348	0.49185853		0.500	-0.0031477	99.0	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.49341035	0.49185853	0.500	-0.0031477	99.3	%	75-125	04/13/2004	1413
							0.3	R	20		
CCV		M0379	1.00656330		1.00		100.7	%	90-110	04/13/2004	1429
CCB			-0.0029577							04/13/2004	1443
ICV		M368B	0.52066219		0.500		104.1	%	90-110	04/13/2004	1521
CCV		M0379	1.01306985		1.00		101.3	%	90-110	04/13/2004	1527
CCB			-0.0030899							04/13/2004	1541
MB		3010.	-0.0031069							04/13/2004	1608
LCS		M348	0.49837736		0.500		99.7	%	87-110	04/13/2004	1611
CCV		M0379	1.02013979		1.00		102.0	%	90-110	04/13/2004	1622
CCB			-0.0032946							04/13/2004	1636
MS	224250-4	M348	0.49732993		0.500	0.00573345	98.3	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.48705095	0.49732993	0.500	0.00573345	96.3	%	75-125	04/13/2004	1655
							2.1	R	20		
CCB			-0.0030341							04/13/2004	1701
CCV		M0379	0.98383914		1.00		98.4	%	90-110	04/13/2004	1724
CCB			-0.0031364							04/13/2004	1738
CCV		M0379	0.98577869		1.00		98.6	%	90-110	04/13/2004	1806
CCB			-0.0029767							04/13/2004	1820
MB		3010	-0.0031239							04/13/2004	1823
LCS		M348	0.50642691		0.500		101.3	%	87-110	04/13/2004	1830
MS	224222-1	M348	0.50300519		0.500	-0.0032937	101.3	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.47131859	0.50300519	0.500	-0.0032937	94.9	%	75-125	04/13/2004	1853
							6.5	R	20		
CCV		M0379	1.01036494		1.00		101.0	%	90-110	04/13/2004	1908
CCB			-0.0030736							04/13/2004	1922
CCV		M0379	1.01688814		1.00		101.7	%	90-110	04/13/2004	2000
CCB			-0.0030556							04/13/2004	2014
MB		3050	-0.0031900							04/13/2004	2038
LCS		M348	0.43654496		0.500		87.3	%	85-110	04/13/2004	2045
SB		M383D	1.12551260		1.27		88.6	%	80-120	04/13/2004	2050
CCV		M0379	0.98614523		1.00		98.6	%	90-110	04/13/2004	2056
CCB			-0.0030288							04/13/2004	2110
CCV		M0379	0.98625628		1.00		98.6	%	90-110	04/13/2004	2157
CCB			-0.0030372							04/13/2004	2211
MS	224245-18	M348	0.52893688		0.500	0.06506400	92.8	%	75-125	04/13/2004	2214
MSD	224245-18	M348	0.51405318	0.52893688	0.500	0.06506400	89.8	%	75-125	04/13/2004	2220
							2.9	R	20		
CCV		M0379	0.98763391		1.00		98.8	%	90-110	04/13/2004	2252
CCB			-0.0027328							04/13/2004	2302

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01231415		2.00		100.6	%	90-110	04/13/2004	1148
ICV		M0368	1.01997430		1.00		102.0	%	90-110	04/13/2004	1203
ICV		M0380	1.01078680		1.00		101.1	%	90-110	04/13/2004	1219

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			-0.0037761							04/13/2004	1236
ICB			-0.0029977							04/13/2004	1255
ICV		M368B	0.50962478		0.500		101.9	%	90-110	04/13/2004	1300
CCV		M0379	1.02816639		1.00		102.8	%	90-110	04/13/2004	1305
CCB			-0.0038912							04/13/2004	1316
MB		3010	-0.0036390							04/13/2004	1339
LCS		M348	0.51797641		0.500		103.6	%	90-110	04/13/2004	1346
MS	224205-1	M348	0.50068414		0.500	-0.0025501	100.6	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.50149797	0.50068414	0.500	-0.0025501	100.8	%	75-125	04/13/2004	1413
							0.2	R	20		
CCV		M0379	1.02451959		1.00		102.5	%	90-110	04/13/2004	1429
CCB			-0.0032701							04/13/2004	1443
ICV		M368B	0.51746503		0.500		103.5	%	90-110	04/13/2004	1521
CCV		M0379	1.02485265		1.00		102.5	%	90-110	04/13/2004	1527
CCB			-0.0036986							04/13/2004	1541
MB		3010.	-0.0037976							04/13/2004	1608
LCS		M348	0.50331413		0.500		100.7	%	90-110	04/13/2004	1611
CCV		M0379	1.02842695		1.00		102.8	%	90-110	04/13/2004	1622
CCB			-0.0038157							04/13/2004	1636
MS	224250-4	M348	0.63165602		0.500	0.13530449	99.3	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.62112391	0.63165602	0.500	0.13530449	97.2	%	75-125	04/13/2004	1655
							1.7	R	20		
CCB			-0.0036559							04/13/2004	1701
CCV		M0379	1.02322460		1.00		102.3	%	90-110	04/13/2004	1724
CCB			-0.0038303							04/13/2004	1738
CCV		M0379	1.01776588		1.00		101.8	%	90-110	04/13/2004	1806
CCB			-0.0037806							04/13/2004	1820
MB		3010	-0.0039821							04/13/2004	1823
LCS		M348	0.51747330		0.500		103.5	%	90-110	04/13/2004	1830
MS	224222-1	M348	0.50981172		0.500	-0.0031694	102.6	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.47662094	0.50981172	0.500	-0.0031694	96.0	%	75-125	04/13/2004	1853
							6.7	R	20		
CCV		M0379	1.03097772		1.00		103.1	%	90-110	04/13/2004	1908
CCB			-0.0038362							04/13/2004	1922
CCV		M0379	1.03348922		1.00		103.3	%	90-110	04/13/2004	2000
CCB			-0.0036839							04/13/2004	2014
MB		3050	-0.0039130							04/13/2004	2038
LCS		M348	0.45761352		0.500		91.5	%	89-110	04/13/2004	2045
SB		M383D	1.91181920		2.07		92.4	%	80-120	04/13/2004	2050
CCV		M0379	1.03107001		1.00		103.1	%	90-110	04/13/2004	2056
CCB			-0.0037672							04/13/2004	2110
CCV		M0379	1.03949023		1.00		103.9	%	90-110	04/13/2004	2157
CCB			-0.0033768							04/13/2004	2211
CCV		M0379	1.03944785		1.00		103.9	%	90-110	04/13/2004	2252
CCB			-0.0035483							04/13/2004	2302

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.04221927		2.00		102.1	%	90-110	04/13/2004	1148
ICV		M0368	1.03627260		1.00		103.6	%	90-110	04/13/2004	1203
ICV		M0380	1.04396080		1.00		104.4	%	90-110	04/13/2004	1219
ICB			-0.0027527							04/13/2004	1236
ICB			-0.0029612							04/13/2004	1255
ICV		M368B	0.52451485		0.500		104.9	%	90-110	04/13/2004	1300
CCV		M0379	1.04314374		1.00		104.3	%	90-110	04/13/2004	1305
CCB			-0.0026834							04/13/2004	1316
MB		3010	-0.0028067							04/13/2004	1339
LCS		M348	0.52328798		0.500		104.7	%	87-112	04/13/2004	1346
MS	224205-1	M348	0.49611350		0.500	-0.0032318	99.9	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.49219479	0.49611350	0.500	-0.0032318	99.1	%	75-125	04/13/2004	1413
							0.8	R	20		
CCV		M0379	1.03479430		1.00		103.5	%	90-110	04/13/2004	1429
CCB			-0.0033808							04/13/2004	1443
ICV		M368B	0.52916898		0.500		105.8	%	90-110	04/13/2004	1521
CCV		M0379	1.03615733		1.00		103.6	%	90-110	04/13/2004	1527
CCB			-0.0037493							04/13/2004	1541
MB		3010.	-0.0031646							04/13/2004	1608
LCS		M348	0.51137687		0.500		102.3	%	87-112	04/13/2004	1611
CCV		M0379	1.05094678		1.00		105.1	%	90-110	04/13/2004	1622
CCB			-0.0008226							04/13/2004	1636
MS	224250-4	M348	0.78430629		0.500	0.29631896	97.6	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.77303682	0.78430629	0.500	0.29631896	95.3	%	75-125	04/13/2004	1655
							1.4	R	20		
CCB			-0.0027468							04/13/2004	1701
CCV		M0379	1.01816126		1.00		101.8	%	90-110	04/13/2004	1724
CCB			-0.0018117							04/13/2004	1738
CCV		M0379	1.01004589		1.00		101.0	%	90-110	04/13/2004	1806
CCB			-0.0037587							04/13/2004	1820
MB		3010	-0.0030520							04/13/2004	1823
LCS		M348	0.52388075		0.500		104.8	%	87-112	04/13/2004	1830
MS	224222-1	M348	0.51597797		0.500	0.01102701	101.0	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.48571637	0.51597797	0.500	0.01102701	94.9	%	75-125	04/13/2004	1853
							6.0	R	20		
CCV		M0379	1.03175193		1.00		103.2	%	90-110	04/13/2004	1908
CCB			-0.0032158							04/13/2004	1922
CCV		M0379	1.03902598		1.00		103.9	%	90-110	04/13/2004	2000
CCB			-0.0033496							04/13/2004	2014
MB		3050	-0.0038157							04/13/2004	2038
LCS		M348	0.45904474		0.500		91.8	%	86-110	04/13/2004	2045
SB		M383D	1.84020321		2.04		90.2	%	80-120	04/13/2004	2050
CCV		M0379	1.02658970		1.00		102.7	%	90-110	04/13/2004	2056
CCB			-0.0022713							04/13/2004	2110
CCV		M0379	1.03392015		1.00		103.4	%	90-110	04/13/2004	2157
CCB			-0.0040045							04/13/2004	2211
MS	224245-18	M348	0.99024914		0.500	0.47628700	102.8	%	75-125	04/13/2004	2214
MSD	224245-18	M348	0.90942759	0.99024914	0.500	0.47628700	86.6	%	75-125	04/13/2004	2220
							8.5	R	20		
CCV		M0379	1.02670848		1.00		102.7	%	90-110	04/13/2004	2252
CCB			-0.0029575							04/13/2004	2302

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.02590837		2.00		101.3	%	90-110	04/13/2004	1148
ICV		M0368	1.01342819		1.00		101.3	%	90-110	04/13/2004	1203
ICV		M0380	1.02513442		1.00		102.5	%	90-110	04/13/2004	1219
ICB			-0.0030027							04/13/2004	1236
ICB			-0.0012626							04/13/2004	1255
ICV		M368B	0.52636235		0.500		105.3	%	90-110	04/13/2004	1300
CCV		M0379	1.01506952		1.00		101.5	%	90-110	04/13/2004	1305
CCB			-0.0081717							04/13/2004	1316
MB		3010	0.00191746							04/13/2004	1339
LCS		M348	0.51253668		0.500		102.5	%	82-111	04/13/2004	1346
MS	224205-1	M348	0.51535964		0.500	-0.0089227	104.9	%	75-125	04/13/2004	1407
MSD	224205-1	M348	0.50984147	0.51535964	0.500	-0.0089227	103.8	%	75-125	04/13/2004	1413
							1.1	R	20		
CCV		M0379	1.02488358		1.00		102.5	%	90-110	04/13/2004	1429
CCB			0.00008846							04/13/2004	1443
ICV		M368B	0.53087943		0.500		106.2	%	90-110	04/13/2004	1521
CCV		M0379	1.01740476		1.00		101.7	%	90-110	04/13/2004	1527
CCB			0.00346716							04/13/2004	1541
MB		3010.	-0.0055024							04/13/2004	1608
LCS		M348	0.49018652		0.500		98.0	%	82-111	04/13/2004	1611
CCV		M0379	1.00425503		1.00		100.4	%	90-110	04/13/2004	1622
CCB			-0.0072760							04/13/2004	1636
MS	224250-4	M348	0.57797356		0.500	0.03068225	109.5	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.56697283	0.57797356	0.500	0.03068225	107.3	%	75-125	04/13/2004	1655
							1.9	R	20		
CCB			-0.0099956							04/13/2004	1701
CCV		M0379	0.99405658		1.00		99.4	%	90-110	04/13/2004	1724
CCB			-0.0047075							04/13/2004	1738
CCV		M0379	0.99268551		1.00		99.3	%	90-110	04/13/2004	1806
CCB			-0.0038268							04/13/2004	1820
MB		3010	-0.0020540							04/13/2004	1823
LCS		M348	0.49979715		0.500		100.0	%	82-111	04/13/2004	1830
MS	224222-1	M348	0.53378474		0.500	0.00489679	105.8	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.49488547	0.53378474	0.500	0.00489679	98.0	%	75-125	04/13/2004	1853
							7.6	R	20		
CCV		M0379	1.00553830		1.00		100.6	%	90-110	04/13/2004	1908
CCB			-0.0012942							04/13/2004	1922
CCV		M0379	1.00352754		1.00		100.4	%	90-110	04/13/2004	2000
CCB			-0.0009175							04/13/2004	2014
MB		3050	0.00788255							04/13/2004	2038
LCS		M348	0.45384134		0.500		90.8	%	80-110	04/13/2004	2045
SB		M383D	0.92669138		0.996		93.0	%	80-120	04/13/2004	2050
CCV		M0379	1.00416422		1.00		100.4	%	90-110	04/13/2004	2056
CCB			-0.0013216							04/13/2004	2110
CCV		M0379	1.02344009		1.00		102.3	%	90-110	04/13/2004	2157
CCB			-0.0040935							04/13/2004	2211
MS	224245-18	M348	0.45616011		0.500	-0.3265100	156.5	%	75-125	04/13/2004	2214
MSD	224245-18	M348	0.44716813	0.45616011	0.500	-0.3265100	154.7	%	75-125	04/13/2004	2220
							2.0	R	20		
CCV		M0379	1.00238027		1.00		100.2	%	90-110	04/13/2004	2252
CCB			-0.0014230							04/13/2004	2302

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224214 Report Date.: 04/21/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92463 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	0.99635804		1.0		99.6	%	90-110	04/13/2004	1148
ICV		M0369	1.03894534		1.00		103.9	%	90-110	04/13/2004	1208
ICB			-0.0021285							04/13/2004	1236
ICB			-0.0012800							04/13/2004	1255
CCV		M0379	0.50843310		0.50		101.7	%	90-110	04/13/2004	1305
CCB			-0.0013803							04/13/2004	1316
MB		3010	-0.0018085							04/13/2004	1339
LCS		M348	0.25698690		0.25		102.8	%	87-110	04/13/2004	1346
CCV		M0379	0.50692056		0.50		101.4	%	90-110	04/13/2004	1429
CCB			-0.0014715							04/13/2004	1443
CCV		M0379	0.51135487		0.50		102.3	%	90-110	04/13/2004	1527
CCB			-0.0017109							04/13/2004	1541
MB		3010.	-0.0021239							04/13/2004	1608
LCS		M348	0.25117441		0.25		100.5	%	87-110	04/13/2004	1611
CCV		M0379	0.51307444		0.50		102.6	%	90-110	04/13/2004	1622
CCB			-0.0019107							04/13/2004	1636
MS	224250-4	M348	0.24956921		0.25	-0.0060485	102.2	%	75-125	04/13/2004	1650
MSD	224250-4	M348	0.24751470	0.24956921	0.25	-0.0060485	101.4	%	75-125	04/13/2004	1655
							0.8	R	20		
CCB			-0.0012361							04/13/2004	1701
CCV		M0379	0.50352669		0.50		100.7	%	90-110	04/13/2004	1724
CCB			-0.0013323							04/13/2004	1738
CCV		M0379	0.50221952		0.50		100.4	%	90-110	04/13/2004	1806
CCB			-0.0015267							04/13/2004	1820
MB		3010	-0.0023952							04/13/2004	1823
LCS		M348	0.25451418		0.25		101.8	%	87-110	04/13/2004	1830
MS	224222-1	M348	0.07827001		0.25	-0.0032015	32.6	%	75-125	04/13/2004	1847
MSD	224222-1	M348	0.09156030	0.07827001	0.25	-0.0032015	37.9	%	75-125	04/13/2004	1853
							15.7	R	20		
CCV		M0379	0.50808126		0.50		101.6	%	90-110	04/13/2004	1908
CCB			-0.0010771							04/13/2004	1922
CCV		M0379	0.51125497		0.50		102.3	%	90-110	04/13/2004	2000
CCB			-0.0009424							04/13/2004	2014
MB		3050	-0.0020532							04/13/2004	2038
LCS		M348	0.22510669		0.25		90.0	%	81-110	04/13/2004	2045
SB		M383D	1.00857086		0.953		105.8	%	80-120	04/13/2004	2050
CCV		M0379	0.50311678		0.50		100.6	%	90-110	04/13/2004	2056
CCB			-0.0012263							04/13/2004	2110
CCV		M0379	0.50539141		0.50		101.1	%	90-110	04/13/2004	2157
CCB			-0.0017750							04/13/2004	2211
MS	224245-18	M348	0.24405043		0.25	-0.0003820	97.8	%	75-125	04/13/2004	2214
MSD	224245-18	M348	0.23878643	0.24405043	0.25	-0.0003820	95.7	%	75-125	04/13/2004	2220
							2.2	R	20		
CCV		M0379	0.50602539		0.50		101.2	%	90-110	04/13/2004	2252
CCB			-0.0010318							04/13/2004	2302

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/21/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	*Reference Standard*
ICV	Initial Calibration Verification Standard

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QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/21/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
` - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 23452

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Encycle RCRA Closure	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Ken Brandner / Rich Marcus	**BILLING INFORMATION**
ADDRESS: ARCADIS	BILL TO: Rich Marcus, Encycle
711 N. Carancahua	ADDRESS:
Corpus Christi, TX	
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

4.2°C

LAB JOB NO. 224214

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Total As, Ba, Cd, Cr, Pb, Hg, Se, Ag	REMARKS/PRECAUTIONS
Tank 605040	Tank 605040	4/8/04	2:20	L	1 pt. poly	HNO_3		1	
Tank 605039	Tank 605039	"	2:35	L	"	"		1	
Thickener 5	Thickener 5	"	2:50	L	"	"		1	
Filter 225040	Filter 225040	"	3:05	L	"	"		1	

SAMPLER: Ken Brandner

SHIPMENT METHOD: In Person, on ice

AIRBILL NO.: N/A

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER _____

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Ken Brandner	4/8/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Ken Brandner / ARCADIS	TIME 1613	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	4/8/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1613	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

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Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
APR 27 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 224296

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 04/23/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

4/23/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 16

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 04/23/2004

Job Number.: 224296
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
224296-1	TANK 605041	Water	04/14/2004	15:40	04/14/2004	16:57

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224296 Date: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 605041
Date Sampled.....: 04/14/2004
Time Sampled.....: 15:40
Sample Matrix.....: Water

Laboratory Sample ID: 224296-1
Date Received.....: 04/14/2004
Time Received.....: 16:57

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/20/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	04/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.07	0.01	mg/L	04/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	04/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	04/19/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	04/19/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	04/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	04/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/16/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 92723 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M042004HG	0.00485		0.00500		97.0	%	90-110	04/20/2004	1533
ICB			-0.000173							04/20/2004	1537
LCS		M042004LG	0.00537		0.0050		107.4	%	85-115	04/20/2004	1540
MB			0.000193							04/20/2004	1544
MS	224198-3	M042004HG	0.00581		0.00500	0.000279	110.6	%	75-125	04/20/2004	1601
MSD	224198-3	M042004HG	0.00570	0.00581	0.00500	0.000279	108.4	%	75-125	04/20/2004	1602
							1.9	R	20		
CCV		M042004HG	0.00505		0.00500		101.0	%	80-120	04/20/2004	1606
CCB			-0.000096							04/20/2004	1609
CCV		M042004HG	0.00485		0.00500		97.0	%	80-120	04/20/2004	1628
CCB			-0.000180							04/20/2004	1630
LCS		M042004LG	0.00481		0.0050		96.2	%	85-115	04/20/2004	1633
MB			-0.000085							04/20/2004	1635
MS	224297-3	M042004HG	0.00530		0.00500	0.000134	103.3	%	75-125	04/20/2004	1655
MSD	224297-3	M042004HG	0.00556	0.00530	0.00500	0.000134	108.5	%	75-125	04/20/2004	1657
							4.8	R	20		
CCV		M042004HG	0.00482		0.00500		96.4	%	80-120	04/20/2004	1707
CCB			-0.000097							04/20/2004	1712
CCV		M042004HG	0.00469		0.00500		93.8	%	80-120	04/20/2004	1731
CCB			-0.000082							04/20/2004	1735
LCS		M042004LG	0.00512		0.0050		102.4	%	85-115	04/20/2004	1736
MB			-0.000109							04/20/2004	1738
CCV		M042004HG	0.00478		0.00500		95.6	%	80-120	04/20/2004	1757
CCB			-0.000184							04/20/2004	1759
MS	224278-5	M042004HG	0.00488		0.00500	0.000297	91.7	%	75-125	04/20/2004	1809
MSD	224278-5	M042004HG	0.00486	0.00488	0.00500	0.000297	91.3	%	75-125	04/20/2004	1810
							0.4	R	20		
CCV		M042004HG	0.00495		0.00500		99.0	%	80-120	04/20/2004	1826
CCB			0.000084							04/20/2004	1828

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.98356269		2.00		99.2	%	90-110	04/19/2004	1041
ICV		M0368	0.97945018		1.00		97.9	%	90-110	04/19/2004	1055
ICV		M0380	1.02777019		1.00		102.8	%	90-110	04/19/2004	1110
ICB			-0.0036086							04/19/2004	1145
CCV		M0379	0.99866396		1.00		99.9	%	90-110	04/19/2004	1154
CCB			-0.0069632							04/19/2004	1206
MB		3051	-0.0056753							04/19/2004	1209
LCS		M351	0.50179495		0.500		100.4	%	85-110	04/19/2004	1213
MS	224244-1	M351	0.37007944		0.500	-0.1012864	94.3	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.42682230	0.37007944	0.500	-0.1012864	105.6	%	75-125	04/19/2004	1229
							14.2	R	20		
CCV		M0388	1.00618383		1.00		100.6	%	90-110	04/19/2004	1314
CCB			-0.0026955							04/19/2004	1326
MB		3050	-0.0020939							04/19/2004	1351
LCS		M351	0.50411707		0.500		100.8	%	85-110	04/19/2004	1357
SB		M383D	2.23472269		2.31		96.7	%	80-120	04/19/2004	1403

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0379	1.00708720		1.00		100.7	%	90-110	04/19/2004	1424
CCB			-0.0039702							04/19/2004	1432
CCV		M0388	1.00248684		1.00		100.2	%	90-110	04/19/2004	1510
CCB			-0.0065882							04/19/2004	1522
CCV		M0388	0.98190309		1.00		98.2	%	90-110	04/19/2004	1606
CCB			-0.0001412							04/19/2004	1617
MS	224341-1	M351	0.54532510		0.500	0.06198705	96.7	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.55867578	0.54532510	0.500	0.06198705	99.3	%	75-125	04/19/2004	1626
							2.4	R	20		
MB		3010	0.00132304							04/19/2004	1635
LCS		M351	0.50579087		0.500		101.2	%	85-110	04/19/2004	1642
CCV		M0388	0.98837127		1.00		98.8	%	90-110	04/19/2004	1709
CCB			-0.0019642							04/19/2004	1718
MS	224302-1	M351	0.54398065		0.500	0.00345774	108.1	%	75-125	04/19/2004	1731
MSD	224302-1	M351	0.54581787	0.54398065	0.500	0.00345774	108.5	%	75-125	04/19/2004	1736
							0.3	R	20		
CCV		M0388	0.98669459		1.00		98.7	%	90-110	04/19/2004	1806
CCB			-0.0031966							04/19/2004	1818
MB		3010	-0.0054483							04/19/2004	1852
CCV		M0388	0.98872866		1.00		98.9	%	90-110	04/19/2004	1859
CCB			-0.0038355							04/19/2004	1910
MB		3010.	-0.0051335							04/19/2004	1914
LCS		M351	0.51314174		0.500		102.6	%	85-110	04/19/2004	1917
MS	224309-7	M348	0.60733719		0.500	0.06712250	108.0	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.59687305	0.60733719	0.500	0.06712250	106.0	%	75-125	04/19/2004	1944
							1.7	R	20		
CCV		M0388	0.99279301		1.00		99.3	%	90-110	04/19/2004	2000
CCB			-0.0008612							04/19/2004	2012
MB		3051	-0.0040666							04/19/2004	2016
LCS		M351	0.44348248		0.500		88.7	%	85-110	04/19/2004	2019
MS	224133-1	M351	0.30135114		0.500	-0.1876650	97.8	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.29780091	0.30135114	0.500	-0.1876650	97.1	%	75-125	04/19/2004	2032
							1.2	R	20		
CCV		M0388	0.98515407		1.00		98.5	%	90-110	04/19/2004	2054
CCB			-0.0038156							04/19/2004	2100
MB		3050	-0.0034110							04/19/2004	2119
LCS		M351	0.50599212		0.500		101.2	%	85-110	04/19/2004	2126
SB		M383D	2.20772536		2.31		95.6	%	80-120	04/19/2004	2131
MS	224346-4	M351	0.50977564		0.500	0.03171022	95.6	%	75-125	04/19/2004	2146
CCV		M0388	0.99671603		1.00		99.7	%	90-110	04/19/2004	2201
CCB			-0.0029570							04/19/2004	2212

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.03673924		2.00		101.8	%	90-110	04/19/2004	1041
ICV		M0369	0.98274142		1.00		98.3	%	90-110	04/19/2004	1101
ICB			-0.0031938							04/19/2004	1145
CCV		M0379	1.03435819		1.00		103.4	%	90-110	04/19/2004	1154

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0032137							04/19/2004	1206
MB		3051	-0.0034570							04/19/2004	1209
LCS		M351	0.51892168		0.500		103.8	%	90-110	04/19/2004	1213
MS	224244-1	M351	0.44477587		0.500	0.00014550	88.9	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.52453447	0.44477587	0.500	0.00014550	104.9	%	75-125	04/19/2004	1229
							16.5	R	20		
CCV		M0388	1.03232617		1.00		103.2	%	90-110	04/19/2004	1314
CCB			-0.0035192							04/19/2004	1326
MB		3050	-0.0034103							04/19/2004	1351
LCS		M351	0.52411045		0.500		104.8	%	90-110	04/19/2004	1357
SB		M383D	9.06187715		10.00		90.6	%	80-120	04/19/2004	1403
CCV		M0379	1.02977244		1.00		103.0	%	90-110	04/19/2004	1424
CCB			-0.0034268							04/19/2004	1432
CCV		M0388	1.02904881		1.00		102.9	%	90-110	04/19/2004	1510
CCB			-0.0031208							04/19/2004	1522
CCV		M0388	0.99231934		1.00		99.2	%	90-110	04/19/2004	1606
CCB			-0.0033419							04/19/2004	1617
MS	224341-1	M351	1.73527242		0.500	1.15010123	117.0	%	75-125	04/19/2004	1621
MSD	224341-1	M351	1.72981483	1.73527242	0.500	1.15010123	115.9	%	75-125	04/19/2004	1626
							0.3	R	20		
MB		3010	-0.0031534							04/19/2004	1635
LCS		M351	0.51368883		0.500		102.7	%	90-110	04/19/2004	1642
CCV		M0388	1.00922439		1.00		100.9	%	90-110	04/19/2004	1709
CCB			-0.0033188							04/19/2004	1718
MS	224302-1	M351	0.58793533		0.500	0.07876573	101.8	%	75-125	04/19/2004	1731
MSD	224302-1	M351	0.58667559	0.58793533	0.500	0.07876573	101.6	%	75-125	04/19/2004	1736
							0.2	R	20		
CCV		M0388	1.00101557		1.00		100.1	%	90-110	04/19/2004	1806
CCB			-0.0035416							04/19/2004	1818
MB		3010	-0.0022012							04/19/2004	1852
CCV		M0388	0.99673106		1.00		99.7	%	90-110	04/19/2004	1859
CCB			-0.0033708							04/19/2004	1910
MB		3010.	-0.0024270							04/19/2004	1914
LCS		M351	0.54784045		0.500		109.6	%	90-110	04/19/2004	1917
MS	224309-7	M348	6.64969549		0.500	6.16391071	97.2	%	75-125	04/19/2004	1939
MSD	224309-7	M348	6.35057325	6.64969549	0.500	6.16391071	37.3	%	75-125	04/19/2004	1944
							4.6	R	20		
CCV		M0388	1.00817427		1.00		100.8	%	90-110	04/19/2004	2000
CCB			-0.0033894							04/19/2004	2012
MB		3051	-0.0035829							04/19/2004	2016
LCS		M351	0.45478580		0.500		91.0	%	90-110	04/19/2004	2019
MS	224133-1	M351	0.44880035		0.500	0.00167680	89.4	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.43758262	0.44880035	0.500	0.00167680	87.2	%	75-125	04/19/2004	2032
							2.5	R	20		
CCV		M0388	1.00220884		1.00		100.2	%	90-110	04/19/2004	2054
CCB			-0.0032359							04/19/2004	2100
MB		3050	-0.0036118							04/19/2004	2119
LCS		M351	0.50843617		0.500		101.7	%	90-110	04/19/2004	2126
SB		M383D	9.03727592		10.00		90.4	%	80-120	04/19/2004	2131
CCV		M0388	1.00314606		1.00		100.3	%	90-110	04/19/2004	2201
CCB			-0.0034443							04/19/2004	2212

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.02305563		2.00		101.2	%	90-110	04/19/2004	1041
ICV		M0368	1.01891771		1.00		101.9	%	90-110	04/19/2004	1055
ICV		M0380	1.03916667		1.00		103.9	%	90-110	04/19/2004	1110
ICB			-0.0034394							04/19/2004	1145
ICV		M368B	0.54037943		0.500		108.1	%	90-110	04/19/2004	1149
CCV		M0379	1.02333228		1.00		102.3	%	90-110	04/19/2004	1154
CCB			-0.0035209							04/19/2004	1206
MB		3051	-0.0035369							04/19/2004	1209
LCS		M351	0.50472606		0.500		100.9	%	87-110	04/19/2004	1213
MS	224244-1	M351	0.44007765		0.500	-0.0003059	88.1	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.50948472	0.44007765	0.500	-0.0003059	102.0	%	75-125	04/19/2004	1229
							14.6	R	20		
CCV		M0388	1.01722106		1.00		101.7	%	90-110	04/19/2004	1314
CCB			-0.0035090							04/19/2004	1326
MB		3050	-0.0021648							04/19/2004	1351
LCS		M351	0.50071965		0.500		100.1	%	87-110	04/19/2004	1357
SB		M383D	1.11924094		1.27		88.1	%	80-120	04/19/2004	1403
CCV		M0379	0.99888265		1.00		99.9	%	90-110	04/19/2004	1424
CCB			-0.0023705							04/19/2004	1432
CCV		M0388	0.98892207		1.00		98.9	%	90-110	04/19/2004	1510
CCB			-0.0033090							04/19/2004	1522
CCV		M0388	0.95327584		1.00		95.3	%	90-110	04/19/2004	1606
CCB			-0.0028497							04/19/2004	1617
MS	224341-1	M351	0.47114854		0.500	0.00795487	92.6	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.45241904	0.47114854	0.500	0.00795487	88.9	%	75-125	04/19/2004	1626
							4.1	R	20		
MB		3010	-0.0016224							04/19/2004	1635
LCS		M351	0.48928549		0.500		97.9	%	87-110	04/19/2004	1642
CCV		M0388	0.96687069		1.00		96.7	%	90-110	04/19/2004	1709
CCB			-0.0029058							04/19/2004	1718
MS	224302-1	M351	0.48849514		0.500	-0.0030101	98.3	%	75-125	04/19/2004	1731
MSD	224302-1	M351	0.48903885	0.48849514	0.500	-0.0030101	98.4	%	75-125	04/19/2004	1736
							0.1	R	20		
CCV		M0388	0.97574308		1.00		97.6	%	90-110	04/19/2004	1806
CCB			-0.0032714							04/19/2004	1818
MB		3010	-0.0034582							04/19/2004	1852
CCV		M0388	0.97714271		1.00		97.7	%	90-110	04/19/2004	1859
CCB			-0.0035410							04/19/2004	1910
MB		3010.	-0.0035700							04/19/2004	1914
LCS		M351	0.53590252		0.500		107.2	%	87-110	04/19/2004	1917
MS	224309-7	M348	0.49060031		0.500	-0.0019536	98.5	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.47218580	0.49060031	0.500	-0.0019536	94.8	%	75-125	04/19/2004	1944
							3.8	R	20		
CCV		M0388	0.97668202		1.00		97.7	%	90-110	04/19/2004	2000
CCB			-0.0034950							04/19/2004	2012
MB		3051	-0.0035816							04/19/2004	2016
LCS		M351	0.43322988		0.500		86.6	%	80-120	04/19/2004	2019
MS	224133-1	M351	0.42560641		0.500	-0.0027929	85.7	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.41847570	0.42560641	0.500	-0.0027929	84.3	%	75-125	04/19/2004	2032
							1.7	R	20		
CCV		M0388	0.98520397		1.00		98.5	%	90-110	04/19/2004	2054
CCB			-0.0034062							04/19/2004	2100
MB		3050	-0.0036866							04/19/2004	2119

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.48147575		0.500		96.3	%	87-110	04/19/2004	2126
SB		M383D	1.13836314		1.27		89.6	%	80-120	04/19/2004	2131
CCV		M0388	0.96247314		1.00		96.2	%	90-110	04/19/2004	2201
CCB			-0.0029953							04/19/2004	2212

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.03269196		2.00		101.6	%	90-110	04/19/2004	1041
ICV		M0368	1.01672522		1.00		101.7	%	90-110	04/19/2004	1055
ICV		M0380	1.03511118		1.00		103.5	%	90-110	04/19/2004	1110
ICB			-0.0031570							04/19/2004	1145
ICV		M368B	0.53344953		0.500		106.7	%	90-110	04/19/2004	1149
CCV		M0379	1.02553352		1.00		102.6	%	90-110	04/19/2004	1154
CCB			-0.0034118							04/19/2004	1206
MB		3051	-0.0037220							04/19/2004	1209
LCS		M351	0.52066826		0.500		104.1	%	90-110	04/19/2004	1213
MS	224244-1	M351	0.45378953		0.500	-0.0007957	90.9	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.53187932	0.45378953	0.500	-0.0007957	106.5	%	75-125	04/19/2004	1229
							15.8	R	20		
CCV		M0388	1.02723914		1.00		102.7	%	90-110	04/19/2004	1314
CCB			-0.0032936							04/19/2004	1326
MB		3050	-0.0035706							04/19/2004	1351
LCS		M351	0.51834856		0.500		103.7	%	90-110	04/19/2004	1357
SB		M383D	1.89374981		2.07		91.5	%	80-120	04/19/2004	1403
CCV		M0379	1.02708139		1.00		102.7	%	90-110	04/19/2004	1424
CCB			-0.0032731							04/19/2004	1432
CCV		M0388	1.02233747		1.00		102.2	%	90-110	04/19/2004	1510
CCB			-0.0029474							04/19/2004	1522
CCV		M0388	0.98868358		1.00		98.9	%	90-110	04/19/2004	1606
CCB			-0.0000236							04/19/2004	1617
MS	224341-1	M351	0.85655376		0.500	0.28633652	114.0	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.74213489	0.85655376	0.500	0.28633652	91.2	%	75-125	04/19/2004	1626
							14.3	R	20		
MB		3010	-0.0010862							04/19/2004	1635
LCS		M351	0.51218882		0.500		102.4	%	90-110	04/19/2004	1642
CCV		M0388	1.00194369		1.00		100.2	%	90-110	04/19/2004	1709
CCB			-0.0026358							04/19/2004	1718
MS	224302-1	M351	0.50858642		0.500	-0.0015007	102.0	%	75-125	04/19/2004	1731
MSD	224302-1	M351	0.50902475	0.50858642	0.500	-0.0015007	102.1	%	75-125	04/19/2004	1736
							0.1	R	20		
CCV		M0388	1.00634844		1.00		100.6	%	90-110	04/19/2004	1806
CCB			-0.0029649							04/19/2004	1818
MB		3010	-0.0034676							04/19/2004	1852
CCV		M0388	1.00553969		1.00		100.6	%	90-110	04/19/2004	1859
CCB			-0.0025220							04/19/2004	1910
MS	224309-7	M348	0.51559518		0.500	0.00028978	103.1	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.49240249	0.51559518	0.500	0.00028978	98.4	%	75-125	04/19/2004	1944
							4.6	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.00929997		1.00		100.9	%	90-110	04/19/2004	2000
CCB			-0.0037177							04/19/2004	2012
MB		3051	-0.0031503							04/19/2004	2016
LCS		M351	0.45730020		0.500		91.5	%	90-110	04/19/2004	2019
MS	224133-1	M351	0.45394453		0.500	-0.0012070	91.0	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.44348747	0.45394453	0.500	-0.0012070	88.9	%	75-125	04/19/2004	2032
							2.3	R	20		
CCV		M0388	1.00788152		1.00		100.8	%	90-110	04/19/2004	2054
CCB			-0.0027905							04/19/2004	2100
MB		3050	-0.0039052							04/19/2004	2119
LCS		M351	0.50439880		0.500		100.9	%	90-110	04/19/2004	2126
SB		M383D	1.98520287		2.07		95.9	%	80-120	04/19/2004	2131
CCV		M0388	1.00718364		1.00		100.7	%	90-110	04/19/2004	2201
CCB			-0.0039624							04/19/2004	2212

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.02786386		2.00		101.4	%	90-110	04/19/2004	1041
ICV		M0368	1.03566328		1.00		103.6	%	90-110	04/19/2004	1055
ICV		M0380	1.05682946		1.00		105.7	%	90-110	04/19/2004	1110
ICB			-0.0169356							04/19/2004	1145
ICV		M368B	0.52418814		0.500		104.8	%	90-110	04/19/2004	1149
CCV		M0379	1.01298820		1.00		101.3	%	90-110	04/19/2004	1154
CCB			-0.0198612							04/19/2004	1206
MB		3051	-0.0199958							04/19/2004	1209
LCS		M351	0.52762888		0.500		105.5	%	87-112	04/19/2004	1213
MS	224244-1	M351	0.46400898		0.500	0.00906925	91.0	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.52069948	0.46400898	0.500	0.00906925	102.3	%	75-125	04/19/2004	1229
							11.5	R	20		
CCV		M0388	1.01736015		1.00		101.7	%	90-110	04/19/2004	1314
CCB			-0.0218277							04/19/2004	1326
MB		3050	-0.0194990							04/19/2004	1351
LCS		M351	0.54583155		0.500		109.2	%	87-112	04/19/2004	1357
SB		M383D	1.83318505		2.04		89.9	%	80-120	04/19/2004	1403
CCV		M0379	1.01564389		1.00		101.6	%	90-110	04/19/2004	1424
CCB			-0.0189265							04/19/2004	1429
CCV		M0388	0.99625584		1.00		99.6	%	90-110	04/19/2004	1510
CCB			-0.0238986							04/19/2004	1522
CCV		M0388	0.96889364		1.00		96.9	%	90-110	04/19/2004	1606
CCB			-0.0227177							04/19/2004	1617
MS	224341-1	M351	0.73422706		0.500	0.39220689	68.4	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.72312754	0.73422706	0.500	0.39220689	66.2	%	75-125	04/19/2004	1626
							1.5	R	20		
MB		3010	-0.0200516							04/19/2004	1635
LCS		M351	0.49051808		0.500		98.1	%	87-112	04/19/2004	1642
CCV		M0388	0.97684262		1.00		97.7	%	90-110	04/19/2004	1709
CCB			-0.0236598							04/19/2004	1718
MS	224302-1	M351	0.46894014		0.500	-0.0219401	98.2	%	75-125	04/19/2004	1731

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	224302-1	M351	0.47369196	0.46894014	0.500	-0.0219401	99.1	%	75-125	04/19/2004	1736
							1.0	R	20		
CCV		M0388	0.99528739		1.00		99.5	%	90-110	04/19/2004	1806
CCB			-0.0212410							04/19/2004	1811
MB		3010	-0.0234971							04/19/2004	1852
CCV		M0388	0.98786782		1.00		98.8	%	90-110	04/19/2004	1859
CCB			-0.0222129							04/19/2004	1904
MB		3010.	-0.0242190							04/19/2004	1914
LCS		M351	0.50399680		0.500		100.8	%	87-112	04/19/2004	1917
MS	224309-7	M348	0.46503840		0.500	-0.0165528	96.3	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.46134691	0.46503840	0.500	-0.0165528	95.6	%	75-125	04/19/2004	1944
							0.8	R	20		
CCV		M0388	0.98945846		1.00		98.9	%	90-110	04/19/2004	2000
CCB			-0.0255992							04/19/2004	2012
MB		3051	-0.0256742							04/19/2004	2016
LCS		M351	0.43627127		0.500		87.3	%	87-112	04/19/2004	2019
MS	224133-1	M351	0.41802334		0.500	-0.0241447	88.4	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.41503974	0.41802334	0.500	-0.0241447	87.8	%	75-125	04/19/2004	2032
							0.7	R	20		
CCV		M0388	0.98493111		1.00		98.5	%	90-110	04/19/2004	2054
CCB			-0.0243497							04/19/2004	2100
MB		3050	-0.0257034							04/19/2004	2119
LCS		M351	0.51817358		0.500		103.6	%	87-112	04/19/2004	2126
SB		M383D	1.89137816		2.04		92.7	%	80-120	04/19/2004	2131
CCV		M0388	0.98995786		1.00		99.0	%	90-110	04/19/2004	2201
CCB			-0.0245341							04/19/2004	2212

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.98293398		2.00		99.1	%	90-110	04/19/2004	1041
ICV		M0368	1.00811071		1.00		100.8	%	90-110	04/19/2004	1055
ICV		M0380	1.04371922		1.00		104.4	%	90-110	04/19/2004	1110
ICB			0.00515300							04/19/2004	1145
ICV		M368B	0.53517948		0.500		107.0	%	90-110	04/19/2004	1149
CCV		M0379	0.99824767		1.00		99.8	%	90-110	04/19/2004	1154
CCB			0.00744457							04/19/2004	1206
MB		3051	0.00047284							04/19/2004	1209
LCS		M351	0.49463126		0.500		98.9	%	82-111	04/19/2004	1213
MS	224244-1	M351	0.41401453		0.500	0.02618422	77.6	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.47350990	0.41401453	0.500	0.02618422	89.5	%	75-125	04/19/2004	1229
							13.4	R	20		
CCV		M0388	1.00864613		1.00		100.9	%	90-110	04/19/2004	1314
CCB			0.00217504							04/19/2004	1326
MB		3050	0.00468866							04/19/2004	1351
LCS		M351	0.49976816		0.500		100.0	%	82-111	04/19/2004	1357
SB		M383D	0.91953145		0.996		92.3	%	80-120	04/19/2004	1403
CCV		M0379	1.01461669		1.00		101.5	%	90-110	04/19/2004	1424
CCB			0.00204078							04/19/2004	1432

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.00316018		1.00		100.3	%	90-110	04/19/2004	1510
CCB			0.00950283							04/19/2004	1522
CCV		M0388	0.97749281		1.00		97.7	%	90-110	04/19/2004	1606
CCB			0.00704582							04/19/2004	1617
MS	224341-1	M351	0.44451339		0.500	-0.0194634	92.8	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.41578319	0.44451339	0.500	-0.0194634	87.0	%	75-125	04/19/2004	1626
							6.7	R	20		
MB		3010	0.00127224							04/19/2004	1635
LCS		M351	0.50338014		0.500		100.7	%	82-111	04/19/2004	1642
CCV		M0388	0.98739104		1.00		98.7	%	90-110	04/19/2004	1709
CCB			0.00474939							04/19/2004	1718
MS	224302-1	M351	0.51777545		0.500	0.00849088	101.9	%	75-125	04/19/2004	1731
MSD	224302-1	M351	0.52380359	0.51777545	0.500	0.00849088	103.1	%	75-125	04/19/2004	1736
							1.2	R	20		
CCV		M0388	0.98685399		1.00		98.7	%	90-110	04/19/2004	1806
CCB			0.00453313							04/19/2004	1818
MB		3010	-0.0007447							04/19/2004	1852
CCV		M0388	0.98968476		1.00		99.0	%	90-110	04/19/2004	1859
CCB			0.00023114							04/19/2004	1910
MB		3010.	0.00708800							04/19/2004	1914
LCS		M351	0.50634822		0.500		101.3	%	82-111	04/19/2004	1917
MS	224309-7	M348	0.52678980		0.500	0.01795909	101.8	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.53628749	0.52678980	0.500	0.01795909	103.7	%	75-125	04/19/2004	1944
							1.8	R	20		
CCV		M0388	0.98619348		1.00		98.6	%	90-110	04/19/2004	2000
CCB			0.00733192							04/19/2004	2012
MB		3051	0.00370258							04/19/2004	2016
LCS		M351	0.43585504		0.500		87.2	%	82-111	04/19/2004	2019
MS	224133-1	M351	0.55550076		0.500	0.03235288	104.6	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.55268391	0.55550076	0.500	0.03235288	104.1	%	75-125	04/19/2004	2032
							0.5	R	20		
CCV		M0388	0.97701685		1.00		97.7	%	90-110	04/19/2004	2054
CCB			0.00325696							04/19/2004	2100
MB		3050	0.00601201							04/19/2004	2119
LCS		M351	0.48941031		0.500		97.9	%	82-111	04/19/2004	2126
SB		M383D	0.95168416		0.996		95.6	%	80-120	04/19/2004	2131
CCV		M0388	0.98922874		1.00		98.9	%	90-110	04/19/2004	2201
CCB			0.00550824							04/19/2004	2212

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.01589511		1.0		101.6	%	90-110	04/19/2004	1041
ICV		M0369	0.99982056		1.00		100.0	%	90-110	04/19/2004	1101
ICB			-0.0010159							04/19/2004	1145
CCV		M0379	0.50616656		0.50		101.2	%	90-110	04/19/2004	1154
CCB			-0.0011053							04/19/2004	1206
MB		3051	-0.0013726							04/19/2004	1209
LCS		M351	0.24540302		0.25		98.2	%	87-110	04/19/2004	1213

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224296 Report Date.: 04/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 92665 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	224244-1	M351	0.21213881		0.25	0.00166175	84.2	%	75-125	04/19/2004	1224
MSD	224244-1	M351	0.24739462	0.21213881	0.25	0.00166175	98.3	%	75-125	04/19/2004	1229
							15.3	R	20		
CCV		M0388	0.50790470		0.50		101.6	%	90-110	04/19/2004	1314
CCB			-0.0019977							04/19/2004	1326
MB		3050	-0.0001408							04/19/2004	1351
LCS		M351	0.25242825		0.25		101.0	%	87-110	04/19/2004	1357
SB		M383D	1.00933816		0.953		105.9	%	80-120	04/19/2004	1403
CCV		M0379	0.50679259		0.50		101.4	%	90-110	04/19/2004	1424
CCB			-0.0009103							04/19/2004	1432
CCV		M0388	0.50226131		0.50		100.5	%	90-110	04/19/2004	1510
CCB			-0.0010382							04/19/2004	1522
CCV		M0388	0.48382961		0.50		96.8	%	90-110	04/19/2004	1606
CCB			-0.0010024							04/19/2004	1617
MS	224341-1	M351	0.24243999		0.25	-0.0019374	97.8	%	75-125	04/19/2004	1621
MSD	224341-1	M351	0.23234524	0.24243999	0.25	-0.0019374	93.7	%	75-125	04/19/2004	1626
							4.3	R	20		
MB		3010	-0.0005786							04/19/2004	1635
LCS		M351	0.25380821		0.25		101.5	%	87-110	04/19/2004	1642
CCV		M0388	0.50131024		0.50		100.3	%	90-110	04/19/2004	1709
CCB			-0.0011064							04/19/2004	1718
CCV		M0388	0.50167180		0.50		100.3	%	90-110	04/19/2004	1806
CCB			-0.0006552							04/19/2004	1818
MB		3010	-0.0014798							04/19/2004	1852
CCV		M0388	0.50170688		0.50		100.3	%	90-110	04/19/2004	1859
CCB			-0.0018849							04/19/2004	1910
MB		3010.	-0.0019437							04/19/2004	1914
LCS		M351	0.27094707		0.25		108.4	%	87-110	04/19/2004	1917
MS	224309-7	M348	0.17444333		0.25	-0.0017007	70.5	%	75-125	04/19/2004	1939
MSD	224309-7	M348	0.16449411	0.17444333	0.25	-0.0017007	66.5	%	75-125	04/19/2004	1944
							5.9	R	20		
CCV		M0388	0.50699304		0.50		101.4	%	90-110	04/19/2004	2000
CCB			-0.0011241							04/19/2004	2012
MB		3051	-0.0009267							04/19/2004	2016
LCS		M351	0.22093948		0.25		88.4	%	87-110	04/19/2004	2019
MS	224133-1	M351	0.20927014		0.25	-0.0017613	84.4	%	75-125	04/19/2004	2027
MSD	224133-1	M351	0.20593887	0.20927014	0.25	-0.0017613	83.1	%	75-125	04/19/2004	2032
							1.6	R	20		
CCV		M0388	0.51165728		0.50		102.3	%	90-110	04/19/2004	2054
CCB			-0.0006534							04/19/2004	2100
MB		3050	-0.0008936							04/19/2004	2119
LCS		M351	0.25093280		0.25		100.4	%	87-110	04/19/2004	2126
SB		M383D	1.05868044		0.953		111.1	%	80-120	04/19/2004	2131
CCV		M0388	0.50270738		0.50		100.5	%	90-110	04/19/2004	2201
CCB			-0.0006959							04/19/2004	2212

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/23/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT **STL**

No. 23455

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Encycle RCRA Closure	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Ken Brandner, ARCADIS	**BILLING INFORMATION**
ADDRESS: 711 N Carancahua, Suite 1700, Corpus Christi, TX 78475	BILL TO: Rich Marcus, Encycle
	ADDRESS:
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

8.1°C Just sampled

LAB JOB NO. 224296

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: As, Ba, Cd, Cr, Pb, Hg, Se, Ag	REMARKS/PRECAUTIONS
Tank 605041	Tank 605041	4/14/04	3:40	L	1 pt. poly	HNO_3	1	X	

SAMPLER: Ken Brandner

SHIPMENT METHOD: In person

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER _____

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Ken Brandner	4/14/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Ken Brandner/ARCADIS	TIME 1657	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	4/14/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-K	TIME 1657	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
MAR 15 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 223436

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 03/10/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

3/11/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 25

SEVERN TRENT STL

CASE NARRATIVE

Job Number 223436

March 10, 2004

Metals Analysis

Sample 223436-1 was digested and analyzed for metals using EPA Method 6010B. The recovery result for the silver matrix spikes and associated RPD was outside the laboratory acceptance criteria. The associated LSC was within acceptance limits and therefore the data is reported.

Please call if you have any questions regarding this report or if we can be of further assistance.

Amber Brinson
Project Manager

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 03/10/2004

Job Number.: 223436
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: TEXAS TRUST FUND
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
223436-1	TANK 625016	Water	02/25/2004	13:50	02/25/2004	16:30
223436-2	TANK 625018	Water	02/25/2004	14:10	02/25/2004	16:30
223436-3	FIELD BLANK	Water	02/25/2004	14:20	02/25/2004	16:30
223436-4	TANK 655122	Water	02/25/2004	14:30	02/25/2004	16:30
223436-5	THICKENER 4	Water	02/25/2004	14:45	02/25/2004	16:30
223436-6	THICKENER 4 DUP	Water	02/25/2004	14:45	02/25/2004	16:30
223436-7	TANK 825222	Water	02/25/2004	15:05	02/25/2004	16:30
223436-8	THICKENER 6	Water	02/25/2004	15:30	02/25/2004	16:30
223436-9	TANK 605046	Water	02/25/2004	16:00	02/25/2004	16:30
223436-10	TANK 485250	Water	02/25/2004	16:20	02/25/2004	16:30

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 625016
Date Sampled.....: 02/25/2004
Time Sampled.....: 13:50
Sample Matrix.....: Water

Laboratory Sample ID: 223436-1
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 625018
Date Sampled.....: 02/25/2004
Time Sampled.....: 14:10
Sample Matrix.....: Water

Laboratory Sample ID: 223436-2
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.04	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: FIELD BLANK
Date Sampled.....: 02/25/2004
Time Sampled.....: 14:20
Sample Matrix.....: Water

Laboratory Sample ID: 223436-3
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 655122
Date Sampled.....: 02/25/2004
Time Sampled.....: 14:30
Sample Matrix.....: Water

Laboratory Sample ID: 223436-4
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.1	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: THICKENER 4
Date Sampled.....: 02/25/2004
Time Sampled.....: 14:45
Sample Matrix.....: Water

Laboratory Sample ID: 223436-5
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: THICKENER 4 DUP
Date Sampled.....: 02/25/2004
Time Sampled.....: 14:45
Sample Matrix.....: Water

Laboratory Sample ID: 223436-6
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 825222
Date Sampled.....: 02/25/2004
Time Sampled.....: 15:05
Sample Matrix.....: Water

Laboratory Sample ID: 223436-7
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: THICKENER 6
Date Sampled.....: 02/25/2004
Time Sampled.....: 15:30
Sample Matrix.....: Water

Laboratory Sample ID: 223436-8
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.04	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	0.02	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.21	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 605046
Date Sampled.....: 02/25/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 223436-9
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.09	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.96	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 223436 Date: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Customer Sample ID: TANK 485250
Date Sampled.....: 02/25/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 223436-10
Date Received.....: 02/25/2004
Time Received.....: 16:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	03/27/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	03/01/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	03/01/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	03/01/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	03/01/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			03/01/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 90779 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M022704HG	0.00524		0.005000		104.8	%	90-110	03/27/2004	1550
ICB			0.000096							03/27/2004	1553
LCS		M022704LG	0.005346		0.0050		106.9	%	85-115	03/27/2004	1556
MB			0.000046							03/27/2004	1558
MS	223423-4	M022704HG	0.00491		0.005000	-0.000041	99.0	%	85-115	03/27/2004	1610
MSD	223423-4	M022704HG	0.00490	0.00491	0.005000	-0.000041	98.8	%	85-115	03/27/2004	1611
							0.2	R	20		
CCV		M022704HG	0.00526		0.005000		105.2	%	80-120	03/27/2004	1621
CCB			0.000169							03/27/2004	1623
CCV		M022704HG	0.00514		0.005000		102.8	%	80-120	03/27/2004	1642
CCB			0.000108							03/27/2004	1646
LCS		M022704HG	0.00528		0.005000		105.6	%	85-115	03/27/2004	1647
MB			0.000125							03/27/2004	1649
MS	223436-8	M022704HG	0.00523		0.005000	0.000053	103.5	%	85-115	03/27/2004	1657
MSD	223436-8	M022704HG	0.00539	0.00523	0.005000	0.000053	106.7	%	85-115	03/27/2004	1659
							3.0	R	20		
CCV		M022704HG	0.00519		0.005000		103.8	%	80-120	03/27/2004	1707
CCB			0.000156							03/27/2004	1710

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.98114607		2.00		99.1	%	90-110	03/01/2004	1436
ICV		M0368	1.06024426		1.00		106.0	%	90-110	03/01/2004	1455
ICV		M0380	0.99199457		1.00		99.2	%	90-110	03/01/2004	1510
ICB			-0.0003002							03/01/2004	1529
ICB			-0.0027933							03/01/2004	1542
CCV		M0379	1.01920375		1.00		101.9	%	90-110	03/01/2004	1547
CCB			-0.0015659							03/01/2004	1553
CCB			-0.0041366							03/01/2004	1558
CCV		M0379	1.01704247		1.00		101.7	%	90-110	03/01/2004	1645
CCB			-0.0036867							03/01/2004	1650
CCB			-0.0029705							03/01/2004	1656
CCB			-0.0028922							03/01/2004	1659
CCV		M0379	0.99601354		1.00		99.6	%	90-110	03/01/2004	1802
CCB			-0.0037237							03/01/2004	1816
CCV		M0379	0.99688063		1.00		99.7	%	90-110	03/01/2004	1859
CCB			-0.0034087							03/01/2004	1914
CCV		M0379	0.99850483		1.00		99.9	%	90-110	03/01/2004	2002
CCB			-0.0042478							03/01/2004	2017
LCS		M348	0.45780792		0.500		91.6	%	85-110	03/01/2004	2031
MB		3010	-0.0053128							03/01/2004	2040
MS	223436-1	M348	0.51929242		0.500	-0.0048103	104.8	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.49237446	0.51929242	0.500	-0.0048103	99.4	%	75-125	03/01/2004	2101
							5.3	R	20		
CCV		M0379	1.01040984		1.00		101.0	%	90-110	03/01/2004	2114
CCB			-0.0064978							03/01/2004	2129
CCV		M0379	0.99209143		1.00		99.2	%	90-110	03/01/2004	2211
CCB			-0.0056271							03/01/2004	2226

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	-0.0085950							03/01/2004	2230
LCS		M348	0.43847185		0.500		87.7	%	85-110	03/01/2004	2237
MS	223459-1	M348	0.57706100		0.500	0.11676190	92.1	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.55111940	0.57706100	0.500	0.11676190	86.9	%	75-125	03/01/2004	2308
							4.6	R	20		
CCV		M0379	0.99530769		1.00		99.5	%	90-110	03/01/2004	2325
CCB			-0.0053799							03/01/2004	2339
CCV		M0379	0.97905181		1.00		97.9	%	90-110	03/02/2004	0020
CCB			-0.0051897							03/02/2004	0034
CCV		M0379	0.97772554		1.00		97.8	%	90-110	03/02/2004	0105
CCB			-0.0042167							03/02/2004	0117
CCB			-0.0075125							03/02/2004	0120
CCV		M0379	0.99351396		1.00		99.4	%	90-110	03/02/2004	0216
CCB			-0.0046292							03/02/2004	0231
CCV		M0379	1.01010496		1.00		101.0	%	90-110	03/02/2004	0312
CCB			-0.0065700							03/02/2004	0327
CCV		M0379	0.99223363		1.00		99.2	%	90-110	03/02/2004	0418
CCB			-0.0051657							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00449106		2.00		100.2	%	90-110	03/01/2004	1436
ICV		M0369	1.01734818		1.00		101.7	%	90-110	03/01/2004	1501
ICB			-0.0000492							03/01/2004	1529
ICB			-0.0000284							03/01/2004	1542
CCV		M0379	1.03742172		1.00		103.7	%	90-110	03/01/2004	1547
CCB			0.00021835							03/01/2004	1553
CCB			-0.0000844							03/01/2004	1558
CCV		M0379	1.03165252		1.00		103.2	%	90-110	03/01/2004	1645
CCB			0.00020517							03/01/2004	1650
CCB			0.00000207							03/01/2004	1656
CCB			-0.0001071							03/01/2004	1659
CCV		M0379	1.01701102		1.00		101.7	%	90-110	03/01/2004	1802
CCB			-0.0002009							03/01/2004	1816
CCV		M0379	1.01420189		1.00		101.4	%	90-110	03/01/2004	1859
CCB			-0.0000499							03/01/2004	1914
CCV		M0379	1.00430684		1.00		100.4	%	90-110	03/01/2004	2002
CCB			-0.0001853							03/01/2004	2017
LCS		M348	0.51616180		0.500		103.2	%	90-110	03/01/2004	2031
MB		3010	-0.0001320							03/01/2004	2040
MS	223436-1	M348	0.58994052		0.500	0.10851715	96.3	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.56353146	0.58994052	0.500	0.10851715	91.0	%	75-125	03/01/2004	2101
							4.6	R	20		
CCV		M0379	1.01654162		1.00		101.7	%	90-110	03/01/2004	2114
CCB			-0.0001291							03/01/2004	2129
CCV		M0379	1.01680177		1.00		101.7	%	90-110	03/01/2004	2211
CCB			0.00001789							03/01/2004	2226
MB		3050	-0.0000620							03/01/2004	2230

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.43677106		0.500		87.4	%	80-120	03/01/2004	2237
MS	223459-1	M348	0.90380370		0.500	0.49199507	82.4	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.95458735	0.90380370	0.500	0.49199507	92.5	%	75-125	03/01/2004	2308
							5.5	R	20		
CCV		M0379	1.01898582		1.00		101.9	%	90-110	03/01/2004	2325
CCB			-0.0000308							03/01/2004	2339
CCV		M0379	1.01944321		1.00		101.9	%	90-110	03/02/2004	0020
CCB			-0.0001013							03/02/2004	0034
CCV		M0379	1.00679991		1.00		100.7	%	90-110	03/02/2004	0105
CCB			0.00016681							03/02/2004	0117
CCB			-0.0000717							03/02/2004	0120
CCV		M0379	1.00565941		1.00		100.6	%	90-110	03/02/2004	0216
CCB			-0.0000569							03/02/2004	0231
CCV		M0379	1.00768730		1.00		100.8	%	90-110	03/02/2004	0312
CCB			0.00002431							03/02/2004	0327
CCV		M0379	1.00379249		1.00		100.4	%	90-110	03/02/2004	0418
CCB			-0.0001961							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00639694		2.00		100.3	%	90-110	03/01/2004	1436
ICV		M0368	1.04237206		1.00		104.2	%	90-110	03/01/2004	1455
ICV		M0380	0.98809577		1.00		98.8	%	90-110	03/01/2004	1510
ICB			0.00049320							03/01/2004	1529
ICB			0.00053874							03/01/2004	1542
CCV		M0379	1.03323276		1.00		103.3	%	90-110	03/01/2004	1547
CCB			0.00069384							03/01/2004	1553
CCB			0.00044362							03/01/2004	1558
CCV		M0379	1.02493636		1.00		102.5	%	90-110	03/01/2004	1645
CCB			0.00063026							03/01/2004	1650
CCB			0.00058641							03/01/2004	1656
CCB			0.00053338							03/01/2004	1659
CCV		M0379	1.01645223		1.00		101.6	%	90-110	03/01/2004	1802
CCB			0.00044697							03/01/2004	1816
CCV		M0379	1.01827179		1.00		101.8	%	90-110	03/01/2004	1859
CCB			0.00046737							03/01/2004	1914
CCV		M0379	1.00681905		1.00		100.7	%	90-110	03/01/2004	2002
CCB			0.00054495							03/01/2004	2017
LCS		M348	0.51189926		0.500		102.4	%	87-110	03/01/2004	2031
MB		3010	0.00045708							03/01/2004	2040
MS	223436-1	M348	0.49803096		0.500	0.00613992	98.4	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.47508797	0.49803096	0.500	0.00613992	93.8	%	75-125	03/01/2004	2101
							4.7	R	20		
CCV		M0379	1.02480074		1.00		102.5	%	90-110	03/01/2004	2114
CCB			0.00045408							03/01/2004	2129
CCV		M0379	1.02195578		1.00		102.2	%	90-110	03/01/2004	2211
CCB			0.00057855							03/01/2004	2226
MB		3050	0.00028813							03/01/2004	2230

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.41626588		0.500		83.3	%	80-120	03/01/2004	2237
MS	223459-1	M348	0.42413139		0.500	0.01215091	82.4	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.41953819	0.42413139	0.500	0.01215091	81.5	%	75-125	03/01/2004	2308
							1.1	R	20		
CCV		M0379	0.98862293		1.00		98.9	%	90-110	03/01/2004	2325
CCB			0.00081996							03/01/2004	2339
CCV		M0379	0.98342565		1.00		98.3	%	90-110	03/02/2004	0020
CCB			0.00057056							03/02/2004	0034
CCV		M0379	0.97320439		1.00		97.3	%	90-110	03/02/2004	0105
CCB			0.00088723							03/02/2004	0117
CCB			0.00075371							03/02/2004	0120
CCV		M0379	0.99241885		1.00		99.2	%	90-110	03/02/2004	0216
CCB			0.00068375							03/02/2004	0231
CCV		M0379	1.00848221		1.00		100.8	%	90-110	03/02/2004	0312
CCB			0.00051884							03/02/2004	0327
CCV		M0379	0.98796419		1.00		98.8	%	90-110	03/02/2004	0418
CCB			0.00043642							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01592908		2.00		100.8	%	90-110	03/01/2004	1436
ICV		M0368	1.04867880		1.00		104.9	%	90-110	03/01/2004	1455
ICV		M0380	0.99346811		1.00		99.3	%	90-110	03/01/2004	1510
ICB			-0.0006273							03/01/2004	1529
ICB			-0.0008863							03/01/2004	1542
CCV		M0379	1.03510901		1.00		103.5	%	90-110	03/01/2004	1547
CCB			-0.0003910							03/01/2004	1553
CCB			-0.0007746							03/01/2004	1558
CCV		M0379	1.03444209		1.00		103.4	%	90-110	03/01/2004	1645
CCB			-0.0007368							03/01/2004	1650
CCB			-0.0007208							03/01/2004	1656
CCB			-0.0008553							03/01/2004	1659
CCV		M0379	1.02146627		1.00		102.1	%	90-110	03/01/2004	1802
CCB			-0.0007344							03/01/2004	1816
CCV		M0379	1.02000696		1.00		102.0	%	90-110	03/01/2004	1859
CCB			-0.0000083							03/01/2004	1914
CCV		M0379	1.00927395		1.00		100.9	%	90-110	03/01/2004	2002
CCB			-0.0004771							03/01/2004	2017
LCS		M348	0.51759517		0.500		103.5	%	90-110	03/01/2004	2031
MB		3010	-0.0007749							03/01/2004	2040
MS	223436-1	M348	0.49939548		0.500	0.00076694	99.7	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.47693495	0.49939548	0.500	0.00076694	95.2	%	75-125	03/01/2004	2101
							4.6	R	20		
CCV		M0379	1.02823048		1.00		102.8	%	90-110	03/01/2004	2114
CCB			-0.0007634							03/01/2004	2129
CCV		M0379	1.02740224		1.00		102.7	%	90-110	03/01/2004	2211
CCB			-0.0009748							03/01/2004	2226
MB		3050	-0.0008599							03/01/2004	2230

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.43810576		0.500		87.6	%	80-120	03/01/2004	2237
MS	223459-1	M348	0.61620228		0.500	0.11442477	100.4	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.63302964	0.61620228	0.500	0.11442477	103.7	%	75-125	03/01/2004	2308
							2.7	R	20		
CCV		M0379	1.03244219		1.00		103.2	%	90-110	03/01/2004	2325
CCB			-0.0007853							03/01/2004	2339
CCV		M0379	1.03023443		1.00		103.0	%	90-110	03/02/2004	0020
CCB			-0.0008492							03/02/2004	0034
CCV		M0379	1.02014530		1.00		102.0	%	90-110	03/02/2004	0105
CCB			-0.0004668							03/02/2004	0117
CCB			-0.0009393							03/02/2004	0120
CCV		M0379	1.02275508		1.00		102.3	%	90-110	03/02/2004	0216
CCB			-0.0009137							03/02/2004	0231
CCV		M0379	1.02537962		1.00		102.5	%	90-110	03/02/2004	0312
CCB			-0.0008654							03/02/2004	0327
CCV		M0379	1.02211218		1.00		102.2	%	90-110	03/02/2004	0418
CCB			-0.0008592							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.00444217		2.00		100.2	%	90-110	03/01/2004	1436
ICV		M0368	1.05353211		1.00		105.4	%	90-110	03/01/2004	1455
ICV		M0380	0.99598319		1.00		99.6	%	90-110	03/01/2004	1510
ICB			-0.0016790							03/01/2004	1529
ICB			-0.0016491							03/01/2004	1542
CCV		M0379	1.03403118		1.00		103.4	%	90-110	03/01/2004	1547
CCB			-0.0010674							03/01/2004	1553
CCB			-0.0019643							03/01/2004	1558
CCV		M0379	1.02723081		1.00		102.7	%	90-110	03/01/2004	1645
CCB			-0.0015807							03/01/2004	1650
CCB			-0.0027277							03/01/2004	1656
CCB			-0.0013672							03/01/2004	1659
CCV		M0379	1.02047373		1.00		102.0	%	90-110	03/01/2004	1802
CCB			-0.0030943							03/01/2004	1816
CCV		M0379	1.01841906		1.00		101.8	%	90-110	03/01/2004	1859
CCB			-0.0028620							03/01/2004	1914
CCV		M0379	1.01571563		1.00		101.6	%	90-110	03/01/2004	2002
CCB			-0.0025780							03/01/2004	2017
LCS		M348	0.52087612		0.500		104.2	%	87-112	03/01/2004	2031
MB		3010	-0.0027571							03/01/2004	2040
MS	223436-1	M348	0.50357240		0.500	0.02189549	96.3	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.47962477	0.50357240	0.500	0.02189549	91.5	%	75-125	03/01/2004	2101
							4.9	R	20		
CCV		M0379	1.03721141		1.00		103.7	%	90-110	03/01/2004	2114
CCB			-0.0024300							03/01/2004	2129
CCV		M0379	1.02252467		1.00		102.3	%	90-110	03/01/2004	2211
CCB			-0.0030944							03/01/2004	2226
MB		3050	-0.0028548							03/01/2004	2230

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.42585678		0.500		85.2	%	80-120	03/01/2004	2237
MS	223459-1	M348	0.48220689		0.500	0.06570957	83.3	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.48951601	0.48220689	0.500	0.06570957	84.8	%	75-125	03/01/2004	2308
							1.5	R	20		
CCV		M0379	1.01787793		1.00		101.8	%	90-110	03/01/2004	2325
CCB			-0.0021324							03/01/2004	2339
CCV		M0379	1.00808728		1.00		100.8	%	90-110	03/02/2004	0020
CCB			-0.0029866							03/02/2004	0034
CCV		M0379	0.99824398		1.00		99.8	%	90-110	03/02/2004	0105
CCB			-0.0016958							03/02/2004	0117
CCB			-0.0024193							03/02/2004	0120
CCV		M0379	1.01628633		1.00		101.6	%	90-110	03/02/2004	0216
CCB			-0.0024035							03/02/2004	0231
CCV		M0379	1.03400467		1.00		103.4	%	90-110	03/02/2004	0312
CCB			-0.0011614							03/02/2004	0327
CCV		M0379	1.00988164		1.00		101.0	%	90-110	03/02/2004	0418
CCB			-0.0016649							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	2.01303593		2.00		100.7	%	90-110	03/01/2004	1436
ICV		M0368	1.02513677		1.00		102.5	%	90-110	03/01/2004	1455
ICV		M0380	0.94954619		1.00		95.0	%	90-110	03/01/2004	1510
ICB			-0.0024130							03/01/2004	1529
ICB			0.00470345							03/01/2004	1542
CCV		M0379	1.00369806		1.00		100.4	%	90-110	03/01/2004	1547
CCB			-0.0075040							03/01/2004	1553
CCB			-0.0032427							03/01/2004	1558
CCV		M0379	1.00279540		1.00		100.3	%	90-110	03/01/2004	1645
CCB			0.00419475							03/01/2004	1650
CCB			0.00246591							03/01/2004	1656
CCB			-0.0088171							03/01/2004	1659
CCV		M0379	0.98249319		1.00		98.2	%	90-110	03/01/2004	1802
CCB			-0.0003554							03/01/2004	1816
CCV		M0379	0.97893785		1.00		97.9	%	90-110	03/01/2004	1859
CCB			-0.0000888							03/01/2004	1914
CCV		M0379	0.97952951		1.00		98.0	%	90-110	03/01/2004	2002
CCB			-0.0015372							03/01/2004	2017
LCS		M348	0.49404820		0.500		98.8	%	82-111	03/01/2004	2031
MB		3010	0.00118437							03/01/2004	2040
MS	223436-1	M348	0.48402089		0.500	0.01042727	94.7	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.45795319	0.48402089	0.500	0.01042727	89.5	%	75-125	03/01/2004	2101
							5.5	R	20		
CCV		M0379	0.98920601		1.00		98.9	%	90-110	03/01/2004	2114
CCB			-0.0040135							03/01/2004	2129
CCV		M0379	0.98630865		1.00		98.6	%	90-110	03/01/2004	2211
CCB			-0.0040446							03/01/2004	2226
MB		3050	-0.0057078							03/01/2004	2230

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M348	0.41722706		0.500		83.4	%	82-111	03/01/2004	2237
MS	223459-1	M348	0.44181814		0.500	0.00059895	88.2	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.42397864	0.44181814	0.500	0.00059895	84.7	%	75-125	03/01/2004	2308
							4.1	R	20		
CCV		M0379	0.99012724		1.00		99.0	%	90-110	03/01/2004	2325
CCB			0.00366871							03/01/2004	2339
CCV		M0379	0.98039657		1.00		98.0	%	90-110	03/02/2004	0020
CCB			-0.0010761							03/02/2004	0034
CCV		M0379	0.97182585		1.00		97.2	%	90-110	03/02/2004	0105
CCB			-0.0002243							03/02/2004	0117
CCB			-0.0025950							03/02/2004	0120
CCV		M0379	0.97895550		1.00		97.9	%	90-110	03/02/2004	0216
CCB			0.00331364							03/02/2004	0231
CCV		M0379	1.00038109		1.00		100.0	%	90-110	03/02/2004	0312
CCB			-0.0032801							03/02/2004	0327
CCV		M0379	0.98357129		1.00		98.4	%	90-110	03/02/2004	0418
CCB			-0.0058770							03/02/2004	0433

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0370	1.00543143		1.0		100.5	%	90-110	03/01/2004	1436
ICV		M0369	1.03442700		1.00		103.4	%	90-110	03/01/2004	1501
ICB			0.00125826							03/01/2004	1529
ICB			0.00120333							03/01/2004	1542
CCV		M0379	0.50507633		0.50		101.0	%	90-110	03/01/2004	1547
CCB			0.00135416							03/01/2004	1553
CCB			0.00037283							03/01/2004	1558
CCV		M0379	0.49998245		0.50		100.0	%	90-110	03/01/2004	1645
CCB			0.00145981							03/01/2004	1650
CCB			0.00086216							03/01/2004	1656
CCB			0.00043687							03/01/2004	1659
CCV		M0379	0.49293751		0.50		98.6	%	90-110	03/01/2004	1802
CCB			0.00061142							03/01/2004	1816
CCV		M0379	0.49317586		0.50		98.6	%	90-110	03/01/2004	1859
CCB			-0.0002018							03/01/2004	1914
CCV		M0379	0.49233904		0.50		98.5	%	90-110	03/01/2004	2002
CCB			0.00062724							03/01/2004	2017
LCS		M348	0.25668267		0.25		102.7	%	87-110	03/01/2004	2031
MB		3010	0.00104743							03/01/2004	2040
MS	223436-1	M348	0.07738247		0.25	-0.0000581	31.0	%	75-125	03/01/2004	2055
MSD	223436-1	M348	0.13474692	0.07738247	0.25	-0.0000581	53.9	%	75-125	03/01/2004	2101
							54.1	R	20		
CCV		M0379	0.49888662		0.50		99.8	%	90-110	03/01/2004	2114
CCB			0.00061628							03/01/2004	2129
CCV		M0379	0.49588501		0.50		99.2	%	90-110	03/01/2004	2211
CCB			0.00023874							03/01/2004	2226
MB		3050	0.00058464							03/01/2004	2230
LCS		M348	0.21246506		0.25		85.0	%	87-110	03/01/2004	2237

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 223436 Report Date.: 03/10/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: TEXAS TRUST FUND ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 90683 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	223459-1	M348	0.23054173		0.25	-0.0063805	94.8	%	75-125	03/01/2004	2304
MSD	223459-1	M348	0.22611857	0.23054173	0.25	-0.0063805	93.0	%	75-125	03/01/2004	2308
							1.9	R	20		
CCV		M0379	0.49286796		0.50		98.6	%	90-110	03/01/2004	2325
CCB			0.00035754							03/01/2004	2339
CCV		M0379	0.49204556		0.50		98.4	%	90-110	03/02/2004	0020
CCB			-0.0001752							03/02/2004	0034
CCV		M0379	0.48612819		0.50		97.2	%	90-110	03/02/2004	0105
CCB			0.00077427							03/02/2004	0117
CCB			0.00090497							03/02/2004	0120
CCV		M0379	0.49185427		0.50		98.4	%	90-110	03/02/2004	0216
CCB			0.00031759							03/02/2004	0231
CCV		M0379	0.49579123		0.50		99.2	%	90-110	03/02/2004	0312
CCB			0.00085796							03/02/2004	0327
CCV		M0379	0.49183328		0.50		98.4	%	90-110	03/02/2004	0418
CCB			0.00076268							03/02/2004	0433

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 03/10/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:
Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard
CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 03/10/2004

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 22356

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	ARCADIS	PROJECT NAME/NUMBER:	Texas Trust Fund
SEND REPORT TO:	ARCADIS-Ken Brandner	**BILLING INFORMATION**	
ADDRESS:	711 N. Carancahua Corpus Christi, TX	BILL TO:	Encycle
		ADDRESS:	
PHONE:	361-883-1353	PHONE:	
FAX:	361-883-7565	FAX:	PO NO:

3.2°C

LAB JOB NO. 223436

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: As, Ba, Cd, Cr, Pb, Hg, Se, Ag	REMARKS/PRECAUTIONS
625016	Tank 625016	2/25/04	13:50	L	1 pt. poly	HNO_3	1		
625018	Tank 625018		14:10	L			1		
Field Blank	Field Blank		14:20	L			1		
655122	Tank 655122		14:30	L			1		
Thickener 4	Thickener 4		14:45	L			1		
Thickener 4 DUP.	Thickener 4 DUP.		14:45	L			1		
Tank 825222	Tank 825222		15:05	L			1		
Thickener 6	Thickener 6		15:30	L			1		
605046	Tank 605046		16:00	L			1		
485250	Tank 485250		16:20	L			1		

SAMPLER: Ken Brandner / ARCADIS

SHIPMENT METHOD: In Person - cooler with ice

AIRBILL NO.: NA

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☒ 10 DAYS ☐ ROUTINE ☐ OTHER _____

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Kenneth J Brandner	9/25/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Kenneth J. Brandner/ARCADIS	TIME 1630	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	2/25/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1630	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

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1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
OCT 0 1 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 226846

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 09/29/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

9/29/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 12

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 09/29/2004

Job Number.: 226846
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226846-1	THICKENER3	Liquid	09/22/2004	11:10	09/22/2004	11:56

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226846

Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: THICKENER3
Date Sampled.....: 09/22/2004
Time Sampled.....: 11:10
Sample Matrix.....: Liquid

Laboratory Sample ID: 226846-1
Date Received.....: 09/22/2004
Time Received.....: 11:56

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	09/27/04	hmz
SW-846 7470A	Mercury (Hg), Total	<0.0002	0.0002	mg/L	09/27/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Barium (Ba), Total	0.1	0.01	mg/L	09/24/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	09/24/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/24/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226846 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 98575 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40927HG	0.00493		0.00500		98.6	%	90-110	09/27/2004	1321
ICB			0.000002							09/27/2004	1324
LCS		M40927LG	0.00537		0.0050		107.4	%	85-115	09/27/2004	1330
MB			-0.000196							09/27/2004	1333
MS	226846-1	M40927HG	0.00495		0.00500	-0.000312	105.2	%	75-130	09/27/2004	1344
MSD	226846-1	M40927HG	0.00516	0.00495	0.00500	-0.000312	109.4	%	75-130	09/27/2004	1347
							4.2	R	20		
MB			0.000144							09/27/2004	1356
MS	226823-1	M40927HG	0.00513		0.00500	0.000247	97.7	%	75-130	09/27/2004	1402
MSD	226823-1	M40927HG	0.00510	0.00513	0.00500	0.000247	97.1	%	75-130	09/27/2004	1405
							0.6	R	20		
CCV		M40927HG	0.00491		0.00500		98.2	%	90-110	09/27/2004	1419
CCB			-0.000128							09/27/2004	1422
MB			0.000175							09/27/2004	1425

Test Method.....: SW-846 7470A Batch.....: 98575 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40927HG	0.00493		0.00500		98.6	%	90-110	09/27/2004	1321
ICB			0.000002							09/27/2004	1324
LCS		M40927LG	0.00537		0.0050		107.4	%	85-115	09/27/2004	1330
MB			-0.000196							09/27/2004	1333
MS	226846-1	M40927HG	0.00495		0.00500	-0.000312	105.2	%	75-130	09/27/2004	1344
MSD	226846-1	M40927HG	0.00516	0.00495	0.00500	-0.000312	109.4	%	75-130	09/27/2004	1347
							4.2	R	20		
MB			0.000144							09/27/2004	1356
MS	226823-1	M40927HG	0.00513		0.00500	0.000247	97.7	%	75-130	09/27/2004	1402
MSD	226823-1	M40927HG	0.00510	0.00513	0.00500	0.000247	97.1	%	75-130	09/27/2004	1405
							0.6	R	20		
CCV		M40927HG	0.00491		0.00500		98.2	%	90-110	09/27/2004	1419
CCB			-0.000128							09/27/2004	1422
MB			0.000175							09/27/2004	1425

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01128004		2.00		100.6	%	90-110	09/24/2004	1944
ICV		M0368	1.00255331		1.00		100.3	%	90-110	09/24/2004	1953
ICV		M0380	0.99664276		1.00		99.7	%	90-110	09/24/2004	2002
ICB			0.00319886							09/24/2004	2016
ICB			-0.0019858							09/24/2004	2028
ICV		M0393	0.48822962		0.500		97.6	%	90-110	09/24/2004	2032
CCV		M0388	0.98757858		1.00		98.8	%	90-110	09/24/2004	2037
CCB			-0.0020271							09/24/2004	2050
CCV		M0388	0.99389592		1.00		99.4	%	90-110	09/24/2004	2136

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226846 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0005103							09/24/2004	2148
MB		3010	-0.0031857							09/24/2004	2152
LCS		M351	0.51386901		0.500		102.8	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.52333741		0.500	-0.0302480	110.7	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.53242089	0.52333741	0.500	-0.0302480	112.5	%	75-125	09/24/2004	2219
							1.7	R	20		
CCV		M0388	0.99482909		1.00		99.5	%	90-110	09/24/2004	2240
CCB			-0.0034506							09/24/2004	2252
CCV		M0388	0.97720401		1.00		97.7	%	90-110	09/24/2004	2331
CCB			-0.0029914							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99632417		2.00		99.8	%	90-110	09/24/2004	1944
ICV		M0369	1.03669562		1.00		103.7	%	90-110	09/24/2004	1958
ICB			-0.0002853							09/24/2004	2016
ICB			-0.0003098							09/24/2004	2028
ICV		M0393	0.48912149		0.500		97.8	%	90-110	09/24/2004	2032
CCV		M0388	0.98744104		1.00		98.7	%	90-110	09/24/2004	2037
CCB			-0.0002654							09/24/2004	2050
CCV		M0388	0.98735020		1.00		98.7	%	90-110	09/24/2004	2136
CCB			-0.0003103							09/24/2004	2148
MB		3010	-0.0003771							09/24/2004	2152
LCS		M351	0.51344420		0.500		102.7	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.55537808		0.500	0.06651679	97.8	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.55918609	0.55537808	0.500	0.06651679	98.5	%	75-125	09/24/2004	2219
							0.7	R	20		
CCV		M0388	0.99087518		1.00		99.1	%	90-110	09/24/2004	2240
CCB			-0.0003723							09/24/2004	2252
CCV		M0388	0.98884319		1.00		98.9	%	90-110	09/24/2004	2331
CCB			-0.0002603							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00844884		2.00		100.4	%	90-110	09/24/2004	1944
ICV		M0368	1.00848131		1.00		100.8	%	90-110	09/24/2004	1953
ICV		M0380	0.99839386		1.00		99.8	%	90-110	09/24/2004	2002
ICB			0.00014042							09/24/2004	2016
ICB			-0.0000204							09/24/2004	2028
ICV		M0393	0.49569523		0.500		99.1	%	90-110	09/24/2004	2032
CCV		M0388	0.99009387		1.00		99.0	%	90-110	09/24/2004	2037
CCB			-0.0000155							09/24/2004	2050
CCV		M0388	0.98840525		1.00		98.8	%	90-110	09/24/2004	2136

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226846 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0001126							09/24/2004	2148
MB		3010	-0.0000960							09/24/2004	2152
LCS		M351	0.50933893		0.500		101.9	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.52917719		0.500	0.00321585	105.2	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.53443010	0.52917719	0.500	0.00321585	106.2	%	75-125	09/24/2004	2219
							1.0	R	20		
CCV		M0388	0.99313959		1.00		99.3	%	90-110	09/24/2004	2240
CCB			0.00001510							09/24/2004	2252
CCV		M0388	0.98475465		1.00		98.5	%	90-110	09/24/2004	2331
CCB			-0.0001108							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00319213		2.00		100.2	%	90-110	09/24/2004	1944
ICV		M0368	0.99627914		1.00		99.6	%	90-110	09/24/2004	1953
ICV		M0380	0.99086457		1.00		99.1	%	90-110	09/24/2004	2002
ICB			-0.0002049							09/24/2004	2016
ICB			-0.0002040							09/24/2004	2028
ICV		M0393	0.48165480		0.500		96.3	%	90-110	09/24/2004	2032
CCV		M0388	0.98191442		1.00		98.2	%	90-110	09/24/2004	2037
CCB			-0.0001693							09/24/2004	2050
CCV		M0388	0.98424044		1.00		98.4	%	90-110	09/24/2004	2136
CCB			-0.0000181							09/24/2004	2148
MB		3010	-0.0004308							09/24/2004	2152
LCS		M351	0.51179086		0.500		102.4	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.51390975		0.500	0.00687179	101.4	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.51458511	0.51390975	0.500	0.00687179	101.5	%	75-125	09/24/2004	2219
							0.1	R	20		
CCV		M0388	0.99040861		1.00		99.0	%	90-110	09/24/2004	2240
CCB			0.00017542							09/24/2004	2252
CCV		M0388	0.98460852		1.00		98.5	%	90-110	09/24/2004	2331
CCB			-0.0001719							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02318351		2.00		101.2	%	90-110	09/24/2004	1944
ICV		M0368	1.03610154		1.00		103.6	%	90-110	09/24/2004	1953
ICV		M0380	1.02314608		1.00		102.3	%	90-110	09/24/2004	2002
ICB			-0.0003562							09/24/2004	2016
ICB			-0.0003914							09/24/2004	2028
ICV		M0393	0.50605703		0.500		101.2	%	90-110	09/24/2004	2032
CCV		M0388	0.98935999		1.00		98.9	%	90-110	09/24/2004	2037
CCB			0.00046646							09/24/2004	2050

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226846 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	-0.0004482							09/24/2004	2053
LCS		M351	0.48386966		0.500		96.8	%	71-129	09/24/2004	2100
LCS		M383D	1.86618311		2.04		91.5	%	71-129	09/24/2004	2106
MS	226644-1	M351	0.52754688		0.500	0.08712843	88.1	%	75-125	09/24/2004	2125
MSD	226644-1	M351	0.53619517	0.52754688	0.500	0.08712843	89.8	%	75-125	09/24/2004	2131
							1.6	R	20		
CCV		M0388	0.99597340		1.00		99.6	%	90-110	09/24/2004	2136
CCB			-0.0003893							09/24/2004	2148
MB		3010	0.00028147							09/24/2004	2152
LCS		M351	0.52146130		0.500		104.3	%	80-120	09/24/2004	2159
MS	226823-1	M351	2.81233287		0.500	2.32093081	98.3	%	75-125	09/24/2004	2213
MSD	226823-1	M351	2.85347392	2.81233287	0.500	2.32093081	106.5	%	75-125	09/24/2004	2219
							1.5	R	20		
CCV		M0388	1.00280304		1.00		100.3	%	90-110	09/24/2004	2240
CCB			-0.0001610							09/24/2004	2252
CCV		M0388	0.98364894		1.00		98.4	%	90-110	09/24/2004	2331
CCB			-0.0012556							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02810501		2.00		101.4	%	90-110	09/24/2004	1944
ICV		M0368	1.02426186		1.00		102.4	%	90-110	09/24/2004	1953
ICV		M0380	1.01147376		1.00		101.1	%	90-110	09/24/2004	2002
ICB			0.00007342							09/24/2004	2016
ICB			0.00205126							09/24/2004	2028
ICV		M0393	0.49149313		0.500		98.3	%	90-110	09/24/2004	2032
CCV		M0388	0.97889827		1.00		97.9	%	90-110	09/24/2004	2037
CCB			-0.0020859							09/24/2004	2050
CCV		M0388	0.97792798		1.00		97.8	%	90-110	09/24/2004	2136
CCB			0.00612885							09/24/2004	2148
MB		3010	-0.0007003							09/24/2004	2152
LCS		M351	0.49078138		0.500		98.2	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.51278847		0.500	-0.0005076	102.7	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.52554039	0.51278847	0.500	-0.0005076	105.2	%	75-125	09/24/2004	2219
							2.5	R	20		
CCV		M0388	0.98086346		1.00		98.1	%	90-110	09/24/2004	2240
CCB			-0.0000377							09/24/2004	2252
CCV		M0388	0.95328949		1.00		95.3	%	90-110	09/24/2004	2331
CCB			-0.0007423							09/24/2004	2343

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226846 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99982327		1.0		100.0	%	90-110	09/24/2004	1944
ICV		M0369	1.05251076		1.00		105.3	%	90-110	09/24/2004	1958
ICB			0.00045567							09/24/2004	2016
ICB			0.00032065							09/24/2004	2028
ICV		M0393	0.49080823		0.500		98.2	%	90-110	09/24/2004	2032
CCV		M0388	0.49270229		0.50		98.5	%	90-110	09/24/2004	2037
CCB			0.00017273							09/24/2004	2050
CCV		M0388	0.49597562		0.50		99.2	%	90-110	09/24/2004	2136
CCB			0.00145302							09/24/2004	2148
MB		3010	0.00012259							09/24/2004	2152
LCS		M351	0.25439867		0.25		101.8	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.27115471		0.25	0.00104089	108.0	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.27177645	0.27115471	0.25	0.00104089	108.3	%	75-125	09/24/2004	2219
							0.2	R	20		
CCV		M0388	0.49841784		0.50		99.7	%	90-110	09/24/2004	2240
CCB			0.00070782							09/24/2004	2252
CCV		M0388	0.49448171		0.50		98.9	%	90-110	09/24/2004	2331
CCB			-0.0002894							09/24/2004	2343

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND = Not detected at a value greater than the reporting limit
TNTC = Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB Method Blank
ICB Initial Calibration Blank
CCB Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS Method (Matrix) Spike
MSD Method (Matrix) Spike Duplicate
PDS Post Digestion/Distillation Spike
SB Spiked Blank
SBD Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS Laboratory Control Standard
RS Reference Standard
ICV Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name: Encycle RCRA Closure

Project Location: Corpus Christi, TX

Laboratory: STL, Corpus Christi, TX

Project Manager: Ken Brandner

Sampler(s)/Affiliation: Ken Brandner / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Total As, Ba, Cd, Cr, Pb, Hg, Se, Ag (1 pt poly w/ HNO3)						Remarks	Total
Thickener 3	L	9/22/04 11:10		1						Normal Turnaround	1

226846

16.0°C just sampled (in ice)

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 1

Relinquished by: [signature]	Organization: ARCADIS	Date 9/22/04	Time 1156	Seal Intact?
Received by: [signature]	Organization: STL-CC	Date 9/22/04	Time 1156	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks: Results to Ken Brandner & Rich Marcus. Invoice to Rich Marcus for RCRA Closure. Samples delivered in cooler with ice.

Delivery Method: ☒ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

SEVERN TRENT STL

MAY 10 2004

ANALYTICAL REPORT

JOB NUMBER: 224504

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 05/06/2004

Olga Verónica McDonald
Signature

5/6/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 12

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 05/06/2004

Job Number.: 224504
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
224504-1	TANK 655163	Water	04/28/2004	15:50	04/28/2004	16:15

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 224504 Date: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 655163
Date Sampled.....: 04/28/2004
Time Sampled.....: 15:50
Sample Matrix.....: Water

Laboratory Sample ID: 224504-1
Date Received.....: 04/28/2004
Time Received.....: 16:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	04/30/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	05/03/04	jem
SW-846 6010B	Barium (Ba), Total	0.07	0.01	mg/L	05/03/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	05/03/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	05/03/04	jem
SW-846 6010B	Lead (Pb), Total	0.05	0.01	mg/L	05/03/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	05/03/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	05/03/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			04/29/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224504 Report Date.: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 93181 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M043004HG	0.00490		0.00500		98.0	%	90-110	04/30/2004	1540
ICB			-0.000130							04/30/2004	1543
LCS		M043004LG	0.00492		0.0050		98.4	%	85-115	04/30/2004	1550
MB			-0.000156							04/30/2004	1554
CCV		M043004HG	0.00408		0.00500		81.6	%	80-120	04/30/2004	1613
CCB			-0.000199							04/30/2004	1617
MS	224504-1	M043004HG	0.00422		0.00500	-0.000363	91.7	%	75-125	04/30/2004	1622
MSD	224504-1	M043004HG	0.00433	0.00422	0.00500	-0.000363	93.9	%	75-125	04/30/2004	1624
							2.6	R	20		
CCV		M043004HG	0.00478		0.00500		95.6	%	80-120	04/30/2004	1638
CCB			-0.000072							04/30/2004	1645
CCV		M043004HG	0.00509		0.00500		101.8	%	80-120	04/30/2004	1707
CCB			0.000177							04/30/2004	1711
MS	224456-1	M043004HG	0.00500		0.00500	-0.000228	104.6	%	75-125	04/30/2004	1726
MSD	224456-1	M043004HG	0.00502	0.00500	0.00500	-0.000228	105.0	%	75-125	04/30/2004	1728
							0.4	R	20		
CCV		M043004HG	0.00526		0.00500		105.2	%	80-120	04/30/2004	1744
CCB			0.000137							04/30/2004	1747

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00781655		2.00		100.4	%	90-110	05/03/2004	1134
ICV		M0368	0.99153800		1.00		99.2	%	90-110	05/03/2004	1148
ICB			-0.0069740							05/03/2004	1221
ICB			-0.0030295							05/03/2004	1239
CCV		M0388	0.95935208		1.00		95.9	%	90-110	05/03/2004	1248
CCB			-0.0040609							05/03/2004	1302
MB		3010	-0.0041167							05/03/2004	1305
LCS		M351	0.46175046		0.500		92.4	%	85-110	05/03/2004	1312
MS	224500-1	M351	0.45111383		0.500	-0.0042723	91.1	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.44650579	0.45111383	0.500	-0.0042723	90.2	%	75-125	05/03/2004	1333
							1.0	R	20		
CCV		M0388	0.95666151		1.00		95.7	%	90-110	05/03/2004	1348
CCB			-0.0020921							05/03/2004	1402
CCV		M0388	0.94162899		1.00		94.2	%	90-110	05/03/2004	1448
CCB			-0.0025560							05/03/2004	1454
CCB			-0.0017638							05/03/2004	1457
CCV		M0388	0.95091299		1.00		95.1	%	90-110	05/03/2004	1551
CCB			0.00037823							05/03/2004	1604
MB		3010	-0.0024423							05/03/2004	1613
LCS		M351	0.47038895		0.500		94.1	%	85-110	05/03/2004	1620
MS	224513-1	M351	0.46280992		0.500	0.00265043	92.0	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.47672042	0.46280992	0.500	0.00265043	94.8	%	75-125	05/03/2004	1644
							3.0	R	20		
CCV		M0388	0.94430521		1.00		94.4	%	90-110	05/03/2004	1658
CCB			-0.0015656							05/03/2004	1711

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224504 Report Date.: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M0369	0.99977766		1.00		100.0	%	90-110	05/03/2004	1153
ICB			-0.0022526							05/03/2004	1221
ICB			-0.0025693							05/03/2004	1239
CCV		M0388	0.97977816		1.00		98.0	%	90-110	05/03/2004	1248
CCB			-0.0023095							05/03/2004	1302
MB		3010	-0.0027583							05/03/2004	1305
LCS		M351	0.46786560		0.500		93.6	%	90-110	05/03/2004	1312
MS	224500-1	M351	0.68924649		0.500	0.26880987	84.1	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.70684253	0.68924649	0.500	0.26880987	87.6	%	75-125	05/03/2004	1333
							2.5	R	20		
CCV		M0388	0.97803115		1.00		97.8	%	90-110	05/03/2004	1348
CCB			-0.0022141							05/03/2004	1402
CCV		M0388	0.95321683		1.00		95.3	%	90-110	05/03/2004	1448
CCB			-0.0025451							05/03/2004	1454
CCB			-0.0021084							05/03/2004	1457
CCV		M0388	0.97022382		1.00		97.0	%	90-110	05/03/2004	1551
CCB			-0.0021068							05/03/2004	1604
MB		3010	-0.0026205							05/03/2004	1613
LCS		M351	0.47903599		0.500		95.8	%	90-110	05/03/2004	1620
MS	224513-1	M351	0.60619694		0.500	0.15080515	91.1	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.61737601	0.60619694	0.500	0.15080515	93.3	%	75-125	05/03/2004	1644
							1.8	R	20		
CCV		M0388	0.94993832		1.00		95.0	%	90-110	05/03/2004	1658
CCB			-0.0018483							05/03/2004	1711

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.03057163		2.00		101.5	%	90-110	05/03/2004	1134
ICV		M0368	1.00312988		1.00		100.3	%	90-110	05/03/2004	1148
ICB			-0.0022775							05/03/2004	1221
ICB			-0.0022289							05/03/2004	1239
ICV		M368B	0.49154589		0.500		98.3	%	90-110	05/03/2004	1243
CCV		M0388	0.97462583		1.00		97.5	%	90-110	05/03/2004	1248
CCB			-0.0022150							05/03/2004	1302
MB		3010	-0.0024232							05/03/2004	1305
LCS		M351	0.46228121		0.500		92.5	%	87-110	05/03/2004	1312
MS	224500-1	M351	0.39560863		0.500	-0.0008523	79.3	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.39563046	0.39560863	0.500	-0.0008523	79.3	%	75-125	05/03/2004	1333
							0.0	R	20		
CCV		M0388	0.95892491		1.00		95.9	%	90-110	05/03/2004	1348
CCB			-0.0023010							05/03/2004	1402
CCV		M0388	0.94414989		1.00		94.4	%	90-110	05/03/2004	1448
CCB			-0.0021563							05/03/2004	1454
CCB			-0.0023462							05/03/2004	1457
CCV		M0388	0.96070680		1.00		96.1	%	90-110	05/03/2004	1551
CCB			-0.0022762							05/03/2004	1604
MB		3010	-0.0021281							05/03/2004	1613
LCS		M351	0.47420669		0.500		94.8	%	87-110	05/03/2004	1620

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224504 Report Date.: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	224513-1	M351	0.44854731		0.500	-0.0025952	90.2	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.45866243	0.44854731	0.500	-0.0025952	92.3	%	75-125	05/03/2004	1644
							2.2	R	20		
CCV		M0388	0.94641607		1.00		94.6	%	90-110	05/03/2004	1658
CCB			-0.0021357							05/03/2004	1711

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.04595912		2.00		102.3	%	90-110	05/03/2004	1134
ICV		M0368	0.99438053		1.00		99.4	%	90-110	05/03/2004	1148
ICB			-0.0026296							05/03/2004	1221
ICB			-0.0025507							05/03/2004	1239
ICV		M368B	0.48359181		0.500		96.7	%	90-110	05/03/2004	1243
CCV		M0388	0.97387128		1.00		97.4	%	90-110	05/03/2004	1248
CCB			-0.0026408							05/03/2004	1302
MB		3010	-0.0026868							05/03/2004	1305
LCS		M351	0.46270899		0.500		92.5	%	90-110	05/03/2004	1312
MS	224500-1	M351	0.43242711		0.500	0.00051180	86.4	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.43462486	0.43242711	0.500	0.00051180	86.8	%	75-125	05/03/2004	1333
							0.5	R	20		
CCV		M0388	0.97251150		1.00		97.3	%	90-110	05/03/2004	1348
CCB			-0.0026742							05/03/2004	1402
CCV		M0388	0.94791905		1.00		94.8	%	90-110	05/03/2004	1448
CCB			-0.0024638							05/03/2004	1454
CCB			-0.0026526							05/03/2004	1457
CCV		M0388	0.96688049		1.00		96.7	%	90-110	05/03/2004	1551
CCB			-0.0025053							05/03/2004	1604
MB		3010	-0.0026003							05/03/2004	1613
LCS		M351	0.47679846		0.500		95.4	%	90-110	05/03/2004	1620
MS	224513-1	M351	0.46097164		0.500	0.00280497	91.6	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.47144673	0.46097164	0.500	0.00280497	93.7	%	75-125	05/03/2004	1644
							2.2	R	20		
CCV		M0388	0.94938483		1.00		94.9	%	90-110	05/03/2004	1658
CCB			-0.0025007							05/03/2004	1711

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.04631766		2.00		102.3	%	90-110	05/03/2004	1134
ICV		M0368	1.02378134		1.00		102.4	%	90-110	05/03/2004	1148
ICB			-0.0019983							05/03/2004	1221
ICB			-0.0006250							05/03/2004	1239
ICV		M368B	0.49768300		0.500		99.5	%	90-110	05/03/2004	1243
CCV		M0388	0.97572543		1.00		97.6	%	90-110	05/03/2004	1248

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224504 Report Date.: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0013655							05/03/2004	1302
MB		3010	-0.0026215							05/03/2004	1305
LCS		M351	0.46984448		0.500		94.0	%	87-112	05/03/2004	1312
MS	224500-1	M351	0.39606407		0.500	-0.0023921	79.7	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.39358271	0.39606407	0.500	-0.0023921	79.2	%	75-125	05/03/2004	1333
							0.6	R	20		
CCV		M0388	0.96322523		1.00		96.3	%	90-110	05/03/2004	1348
CCB			-0.0029711							05/03/2004	1402
CCV		M0388	0.95819469		1.00		95.8	%	90-110	05/03/2004	1448
CCB			-0.0021828							05/03/2004	1454
CCB			-0.0015456							05/03/2004	1457
CCV		M0388	0.96810842		1.00		96.8	%	90-110	05/03/2004	1551
CCB			-0.0012506							05/03/2004	1604
MB		3010	-0.0007046							05/03/2004	1613
LCS		M351	0.47949785		0.500		95.9	%	87-112	05/03/2004	1620
MS	224513-1	M351	0.44998923		0.500	0.00264939	89.5	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.45848981	0.44998923	0.500	0.00264939	91.2	%	75-125	05/03/2004	1644
							1.9	R	20		
CCV		M0388	0.96204835		1.00		96.2	%	90-110	05/03/2004	1658
CCB			-0.0012097							05/03/2004	1711

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01814743		2.00		100.9	%	90-110	05/03/2004	1134
ICV		M0368	1.01184068		1.00		101.2	%	90-110	05/03/2004	1148
ICB			-0.0028033							05/03/2004	1221
ICB			-0.0115489							05/03/2004	1239
ICV		M368B	0.50754868		0.500		101.5	%	90-110	05/03/2004	1243
CCV		M0388	0.97195818		1.00		97.2	%	90-110	05/03/2004	1248
CCB			-0.0053595							05/03/2004	1302
MB		3010	-0.0017130							05/03/2004	1305
LCS		M351	0.45389439		0.500		90.8	%	82-111	05/03/2004	1312
MS	224500-1	M351	0.47220096		0.500	0.01040638	92.4	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.47293922	0.47220096	0.500	0.01040638	92.5	%	75-125	05/03/2004	1333
							0.2	R	20		
CCV		M0388	0.96529377		1.00		96.5	%	90-110	05/03/2004	1348
CCB			-0.0058316							05/03/2004	1402
CCV		M0388	0.96723601		1.00		96.7	%	90-110	05/03/2004	1448
CCB			-0.0031217							05/03/2004	1454
CCB			0.00078277							05/03/2004	1457
CCV		M0388	0.96844641		1.00		96.8	%	90-110	05/03/2004	1551
CCB			-0.0065763							05/03/2004	1604
MB		3010	-0.0032221							05/03/2004	1613
LCS		M351	0.46843627		0.500		93.7	%	82-111	05/03/2004	1620
MS	224513-1	M351	0.46385412		0.500	0.01081231	90.6	%	75-125	05/03/2004	1639
MSD	224513-1	M351	0.48857645	0.46385412	0.500	0.01081231	95.6	%	75-125	05/03/2004	1644
							5.2	R	20		
CCV		M0388	0.96838392		1.00		96.8	%	90-110	05/03/2004	1658

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 224504 Report Date.: 05/06/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00141867							05/03/2004	1711

Test Method.....: SW-846 6010B Batch.....: 93230 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.03358420		1.0		103.4	%	90-110	05/03/2004	1134
ICV		M0369	1.00427053		1.00		100.4	%	90-110	05/03/2004	1153
ICB			-0.0009655							05/03/2004	1221
ICB			-0.0009378							05/03/2004	1239
CCV		M0388	0.48863614		0.50		97.7	%	90-110	05/03/2004	1248
CCB			-0.0012861							05/03/2004	1302
MB		3010	-0.0006826							05/03/2004	1305
LCS		M351	0.22870156		0.25		91.5	%	87-110	05/03/2004	1312
MS	224500-1	M351	0.24518579		0.25	-0.0056806	100.3	%	75-125	05/03/2004	1327
MSD	224500-1	M351	0.24731117	0.24518579	0.25	-0.0056806	101.2	%	75-125	05/03/2004	1333
							0.9	R	20		
CCV		M0388	0.48946667		0.50		97.9	%	90-110	05/03/2004	1348
CCB			-0.0007841							05/03/2004	1402
CCV		M0388	0.47458682		0.50		94.9	%	90-110	05/03/2004	1448
CCB			-0.0000776							05/03/2004	1454
CCB			-0.0003926							05/03/2004	1457
CCV		M0388	0.48569607		0.50		97.1	%	90-110	05/03/2004	1551
CCB			-0.0010264							05/03/2004	1604
MB		3010	-0.0017313							05/03/2004	1613
LCS		M351	0.23713114		0.25		94.9	%	87-110	05/03/2004	1620
CCV		M0388	0.47115039		0.50		94.2	%	90-110	05/03/2004	1658
CCB			-0.0009781							05/03/2004	1711

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 05/06/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 05/06/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name: Encycle RCRA Closure

Project Location: Encycle Corpus Christi, TX

Laboratory: STL

Project Manager: Ken Brandner

Sampler(s)/Affiliation: Marc Buentello / ARCADIS

18.4°C Just sampled 224504

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Cyanide (1 pt. poly w/ NaOH)	Total Sb, As, Ba, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn, V, Zn (2 1 pint poly w/ HNO3)		RCRA 8 Metals (1 1 pint poly w/ HNO3)			Remarks	Total
~~Bin~~	~~L~~	~~4/28/04~~		~~1~~	~~2~~					~~Need low Detection limits~~	
Tank 655163	L	4/28/04 1450					X				1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers

Relinquished by: [signature]	Organization: ARCADIS	Date 4/28/04	Time 1615	Seal Intact?
Received by: Cheyenne Whitmire	Organization: STL-CC	Date 4/28/04	Time 1615	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks: Results to Ken Brandner and Rich Marcus. Invoice to Rich Marcus for RCRA closure ~~Need low detection limits~~. Normal turnaround time.

Delivery Method: ☒ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-0597

SEVERN TRENT STL

AUG 27 2004

ANALYTICAL REPORT

JOB NUMBER: 226318

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 08/25/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

8/25/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 15

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 08/25/2004

Job Number.: 226318
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226318-1	STORMWATER AREA FOR TANKS 625018&625016	Water	08/18/2004	12:45	08/18/2004	13:45
226318-2	N SLURRY TK 695107	Water	08/18/2004	13:25	08/18/2004	13:45
226318-3	S SLURRY TK 695108	Water	08/18/2004	13:00	08/18/2004	13:45
226318-4	STORMWATER AREA FOR TANKS 695107&695108	Water	08/18/2004	13:00	08/18/2004	13:45

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226318

Date: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: STORMWATER AREA FOR TANKS 625018&625016
Date Sampled.....: 08/18/2004
Time Sampled.....: 12:45
Sample Matrix.....: Water

Laboratory Sample ID: 226318-1
Date Received.....: 08/18/2004
Time Received.....: 13:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/19/04	hmz
SW-846 6010B	Arsenic (As), Total	0.05	0.01	mg/L	08/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.13	0.01	mg/L	08/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.22	0.01	mg/L	08/19/04	jem
SW-846 6010B	Chromium (Cr), Total	0.06	0.01	mg/L	08/19/04	jem
SW-846 6010B	Lead (Pb), Total	1.40	0.01	mg/L	08/19/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			08/19/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226318 Date: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: N SLURRY TK 695107
Date Sampled.....: 08/18/2004
Time Sampled.....: 13:25
Sample Matrix.....: Water

Laboratory Sample ID: 226318-2
Date Received.....: 08/18/2004
Time Received.....: 13:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/19/04	hmz
SW-846 6010B	Arsenic (As), Total	0.07	0.01	mg/L	08/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.08	0.01	mg/L	08/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.05	0.01	mg/L	08/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Lead (Pb), Total	3.24	0.01	mg/L	08/19/04	jem
SW-846 6010B	Selenium (Se), Total	0.03	0.01	mg/L	08/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			08/19/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226318 Date: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: S SLURRY TK 695108
Date Sampled.....: 08/18/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 226318-3
Date Received.....: 08/18/2004
Time Received.....: 13:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/19/04	hmz
SW-846 6010B	Arsenic (As), Total	0.07	0.01	mg/L	08/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	08/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.08	0.01	mg/L	08/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Lead (Pb), Total	0.96	0.01	mg/L	08/19/04	jem
SW-846 6010B	Selenium (Se), Total	0.06	0.01	mg/L	08/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			08/19/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226318 Date: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: STORMWATER AREA FOR TANKS 695107&695108
Date Sampled.....: 08/18/2004
Time Sampled.....: 13:00
Sample Matrix.....: Water

Laboratory Sample ID: 226318-4
Date Received.....: 08/18/2004
Time Received.....: 13:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/19/04	hmz
SW-846 6010B	Arsenic (As), Total	0.24	0.01	mg/L	08/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.12	0.01	mg/L	08/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.30	0.01	mg/L	08/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Lead (Pb), Total	0.76	0.01	mg/L	08/19/04	jem
SW-846 6010B	Selenium (Se), Total	0.05	0.01	mg/L	08/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			08/19/04	cdt

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226318 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 97302 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.000030							08/19/2004	1641
ICV		M40819HG	0.00516		0.00500		103.2	%	90-110	08/19/2004	1644
ICV		M40819HG	0.00507		0.00500		101.4	%	90-110	08/19/2004	1647
MB			-0.00001							08/19/2004	1649
MS	226294-1	M40819HG	0.00532		0.00500	-0.000316	112.7	%	75-125	08/19/2004	1714
MSD	226294-1	M40819HG	0.00523	0.00532	0.00500	-0.000316	110.9	%	75-125	08/19/2004	1717
							1.7	R	20		
CCV		M40819HG	0.00495		0.00500		99.0	%	90-110	08/19/2004	1733
CCB			-0.000148							08/19/2004	1736
CCV		M40819HG	0.00494		0.00500		98.8	%	90-110	08/19/2004	1744
CCB			*0.000000*							08/19/2004	1747

Test Method.....: SW-846 7470A Batch.....: 97302 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.000030							08/19/2004	1641
ICV		M40819HG	0.00516		0.00500		103.2	%	90-110	08/19/2004	1644
ICV		M40819HG	0.00507		0.00500		101.4	%	90-110	08/19/2004	1647
MB			-0.00001							08/19/2004	1649

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97711221		2.00		98.9	%	90-110	08/19/2004	1328
ICV		M0368	0.97794513		1.00		97.8	%	90-110	08/19/2004	1337
ICV		M0380	0.96263457		1.00		96.3	%	90-110	08/19/2004	1346
ICB			-0.0000462							08/19/2004	1400
ICB			-0.0052033							08/19/2004	1412
ICV		M0393	0.48519245		0.500		97.0	%	90-110	08/19/2004	1416
CCV		M0388	0.97314383		1.00		97.3	%	90-110	08/19/2004	1421
CCB			-0.0036979							08/19/2004	1433
CCV		M0388	0.98867600		1.00		98.9	%	90-110	08/19/2004	1522
CCB			-0.0023716							08/19/2004	1534
CCV		M0388	0.96477873		1.00		96.5	%	90-110	08/19/2004	1547
CCB			-0.0016183							08/19/2004	1556
MB		3010	0.00133819							08/19/2004	1733
LCS		M351	0.48445248		0.500		96.9	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.51401352		0.500	-0.0197117	106.7	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.50911066	0.51401352	0.500	-0.0197117	105.8	%	75-125	08/19/2004	1758
							1.0	R	20		
CCV		M0388	0.98401452		1.00		98.4	%	90-110	08/19/2004	1814
CCB			0.00456874							08/19/2004	1826
MS	226322-1	M351	0.50620255		0.500	-0.0019204	101.6	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50980017	0.50620255	0.500	-0.0019204	102.3	%	75-125	08/19/2004	1901
							0.7	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226318 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.96979931		1.00		97.0	%	90-110	08/19/2004	1910
CCB			0.00037891							08/19/2004	1919
CCV		M0388	0.97508300		1.00		97.5	%	90-110	08/19/2004	1949
CCB			-0.0005814							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97410196		2.00		98.7	%	90-110	08/19/2004	1328
ICV		M0369	0.92725393		1.00		92.7	%	90-110	08/19/2004	1343
ICB			0.00016065							08/19/2004	1400
ICB			0.00002465							08/19/2004	1412
ICV		M0393	0.50093384		0.500		100.2	%	90-110	08/19/2004	1416
CCV		M0388	0.98347115		1.00		98.3	%	90-110	08/19/2004	1421
CCB			-0.0002510							08/19/2004	1433
CCV		M0388	0.99673585		1.00		99.7	%	90-110	08/19/2004	1522
CCB			-0.0000800							08/19/2004	1534
CCV		M0388	0.97136428		1.00		97.1	%	90-110	08/19/2004	1547
CCB			-0.0003428							08/19/2004	1556
MB		3010	-0.0003540							08/19/2004	1733
LCS		M351	0.47947813		0.500		95.9	%	80-120	08/19/2004	1740
MS	226309-1	M351	1.03758124		0.500	0.56215025	95.1	%	75-125	08/19/2004	1752
MSD	226309-1	M351	1.02377893	1.03758124	0.500	0.56215025	92.3	%	75-125	08/19/2004	1758
							1.3	R	20		
CCV		M0388	0.98266026		1.00		98.3	%	90-110	08/19/2004	1814
CCB			-0.0000675							08/19/2004	1826
MS	226322-1	M351	0.59740023		0.500	0.11184057	97.1	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.61322280	0.59740023	0.500	0.11184057	100.3	%	75-125	08/19/2004	1901
							2.6	R	20		
CCV		M0388	0.97351979		1.00		97.4	%	90-110	08/19/2004	1910
CCB			-0.0001319							08/19/2004	1919
CCV		M0388	0.98224580		1.00		98.2	%	90-110	08/19/2004	1949
CCB			0.00011534							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97459562		2.00		98.7	%	90-110	08/19/2004	1328
ICV		M0368	0.97376030		1.00		97.4	%	90-110	08/19/2004	1337
ICV		M0380	0.97396393		1.00		97.4	%	90-110	08/19/2004	1346
ICB			-0.0000033							08/19/2004	1400
ICB			-0.0000254							08/19/2004	1412
ICV		M0393	0.49258563		0.500		98.5	%	90-110	08/19/2004	1416
CCV		M0388	0.97304926		1.00		97.3	%	90-110	08/19/2004	1421
CCB			0.00003046							08/19/2004	1433

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226318 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.98616388		1.00		98.6	%	90-110	08/19/2004	1522
CCB			0.00008558							08/19/2004	1534
CCV		M0388	0.96302266		1.00		96.3	%	90-110	08/19/2004	1547
CCB			-0.0000526							08/19/2004	1556
MB		3010	-0.0000181							08/19/2004	1733
LCS		M351	0.47535717		0.500		95.1	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47858618		0.500	-0.0006797	95.9	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.47602309	0.47858618	0.500	-0.0006797	95.3	%	75-125	08/19/2004	1758
							0.5	R	20		
CCV		M0388	0.97572981		1.00		97.6	%	90-110	08/19/2004	1814
CCB			-0.0001241							08/19/2004	1826
MS	226322-1	M351	0.48785238		0.500	0.00314252	96.9	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.49808527	0.48785238	0.500	0.00314252	99.0	%	75-125	08/19/2004	1901
							2.1	R	20		
CCV		M0388	0.96088124		1.00		96.1	%	90-110	08/19/2004	1910
CCB			-0.0000566							08/19/2004	1919
CCV		M0388	0.96983759		1.00		97.0	%	90-110	08/19/2004	1949
CCB			0.00011056							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97757707		2.00		98.9	%	90-110	08/19/2004	1328
ICV		M0368	0.96980967		1.00		97.0	%	90-110	08/19/2004	1337
ICV		M0380	0.97198174		1.00		97.2	%	90-110	08/19/2004	1346
ICB			0.00067211							08/19/2004	1400
ICB			0.00097165							08/19/2004	1412
ICV		M0393	0.49036784		0.500		98.1	%	90-110	08/19/2004	1416
CCV		M0388	0.97784676		1.00		97.8	%	90-110	08/19/2004	1421
CCB			0.00059213							08/19/2004	1433
CCV		M0388	0.99266586		1.00		99.3	%	90-110	08/19/2004	1522
CCB			0.00047315							08/19/2004	1534
CCV		M0388	0.97191051		1.00		97.2	%	90-110	08/19/2004	1547
CCB			0.00053167							08/19/2004	1556
MB		3010	0.00043690							08/19/2004	1733
LCS		M351	0.47838211		0.500		95.7	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47670625		0.500	0.00224750	94.9	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.48057604	0.47670625	0.500	0.00224750	95.7	%	75-125	08/19/2004	1758
							0.8	R	20		
CCV		M0388	0.98473136		1.00		98.5	%	90-110	08/19/2004	1814
CCB			0.00091954							08/19/2004	1826
MS	226322-1	M351	0.49357553		0.500	0.00122202	98.5	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50495449	0.49357553	0.500	0.00122202	100.7	%	75-125	08/19/2004	1901
							2.3	R	20		
CCV		M0388	0.97035413		1.00		97.0	%	90-110	08/19/2004	1910
CCB			0.00052514							08/19/2004	1919
CCV		M0388	0.98327868		1.00		98.3	%	90-110	08/19/2004	1949
CCB			0.00031682							08/19/2004	2001

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226318 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00147188		2.00		100.1	%	90-110	08/19/2004	1328
ICV		M0368	1.00287194		1.00		100.3	%	90-110	08/19/2004	1337
ICV		M0380	0.99019163		1.00		99.0	%	90-110	08/19/2004	1346
ICB			-0.0020046							08/19/2004	1400
ICB			0.00036384							08/19/2004	1412
ICV		M0393	0.49802518		0.500		99.6	%	90-110	08/19/2004	1416
CCV		M0388	0.98069482		1.00		98.1	%	90-110	08/19/2004	1421
CCB			-0.0002131							08/19/2004	1433
CCV		M0388	0.98722655		1.00		98.7	%	90-110	08/19/2004	1522
CCB			-0.0000059							08/19/2004	1534
CCV		M0388	0.95840054		1.00		95.8	%	90-110	08/19/2004	1547
CCB			-0.0027848							08/19/2004	1556
MB		3010	-0.0014741							08/19/2004	1733
LCS		M351	0.48778155		0.500		97.6	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47702952		0.500	-0.0001670	95.4	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.47093422	0.47702952	0.500	-0.0001670	94.2	%	75-125	08/19/2004	1758
							1.3	R	20		
CCV		M0388	0.98114611		1.00		98.1	%	90-110	08/19/2004	1814
CCB			-0.0000300							08/19/2004	1826
MS	226322-1	M351	0.51048496		0.500	0.02406658	97.3	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.51437609	0.51048496	0.500	0.02406658	98.1	%	75-125	08/19/2004	1901
							0.8	R	20		
CCV		M0388	0.96593054		1.00		96.6	%	90-110	08/19/2004	1910
CCB			0.00225418							08/19/2004	1919
CCV		M0388	0.97391950		1.00		97.4	%	90-110	08/19/2004	1949
CCB			-0.0015822							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.95280110		2.00		97.6	%	90-110	08/19/2004	1328
ICV		M0368	1.00018712		1.00		100.0	%	90-110	08/19/2004	1337
ICV		M0380	0.98077694		1.00		98.1	%	90-110	08/19/2004	1346
ICB			0.00926792							08/19/2004	1400
ICB			0.00281341							08/19/2004	1412
ICV		M0393	0.49880145		0.500		99.8	%	90-110	08/19/2004	1416
CCV		M0388	0.99191010		1.00		99.2	%	90-110	08/19/2004	1421
CCB			-0.0032089							08/19/2004	1433
CCV		M0388	0.97973110		1.00		98.0	%	90-110	08/19/2004	1522
CCB			-0.0066878							08/19/2004	1534
CCV		M0388	0.94982373		1.00		95.0	%	90-110	08/19/2004	1547
CCB			-0.0027459							08/19/2004	1556
MB		3010	-0.0093507							08/19/2004	1733
LCS		M351	0.48295504		0.500		96.6	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.54629348		0.500	0.04002734	101.3	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.53701097	0.54629348	0.500	0.04002734	99.4	%	75-125	08/19/2004	1758
							1.7	R	20		
CCV		M0388	0.96883718		1.00		96.9	%	90-110	08/19/2004	1814
CCB			-0.0017087							08/19/2004	1826

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226318 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226322-1	M351	0.49037810		0.500	0.01279489	95.5	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50582099	0.49037810	0.500	0.01279489	98.6	%	75-125	08/19/2004	1901
							3.1	R	20		
CCV		M0388	0.95293864		1.00		95.3	%	90-110	08/19/2004	1910
CCB			0.00212966							08/19/2004	1919
CCV		M0388	0.96969724		1.00		97.0	%	90-110	08/19/2004	1949
CCB			-0.0060564							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.98355024		1.0		98.4	%	90-110	08/19/2004	1328
ICV		M0369	0.92207480		1.00		92.2	%	90-110	08/19/2004	1343
ICB			0.00229225							08/19/2004	1400
ICB			0.00017769							08/19/2004	1412
ICV		M0393	0.49638687		0.500		99.3	%	90-110	08/19/2004	1416
CCV		M0388	0.47907640		0.50		95.8	%	90-110	08/19/2004	1421
CCB			0.00120523							08/19/2004	1433
CCV		M0388	0.48900740		0.50		97.8	%	90-110	08/19/2004	1522
CCB			0.00139152							08/19/2004	1534
CCV		M0388	0.48120413		0.50		96.2	%	90-110	08/19/2004	1547
CCB			0.00014093							08/19/2004	1556
MB		3010	-0.0003458							08/19/2004	1733
LCS		M351	0.23418553		0.25		93.7	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.25565860		0.25	-0.0056454	104.5	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.25075575	0.25565860	0.25	-0.0056454	102.6	%	75-125	08/19/2004	1758
							1.9	R	20		
CCV		M0388	0.48268133		0.50		96.5	%	90-110	08/19/2004	1814
CCB			0.00037697							08/19/2004	1826
MS	226322-1	M351	0.24041567		0.25	-0.0011284	96.6	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.24724871	0.24041567	0.25	-0.0011284	99.4	%	75-125	08/19/2004	1901
							2.8	R	20		
CCV		M0388	0.47584063		0.50		95.2	%	90-110	08/19/2004	1910
CCB			0.00272011							08/19/2004	1919
CCV		M0388	0.48252342		0.50		96.5	%	90-110	08/19/2004	1949
CCB			-0.0004816							08/19/2004	2001

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/25/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/25/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:			
Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl
Other:			
Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

7/5 just sampled

No. 25164

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS	PROJECT NAME/NUMBER: ENCYCLE AREA CLOSURE
SEND REPORT TO: MEN BRADNER - ARCADIS BATTMARCK - ENCYCLE	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA	BILL TO: ENCYCLE, TEXAS
	ADDRESS:
PHONE: (361) 883-1353	PHONE:
FAX:	FAX: PO NO:

LAB JOB NO. 226318

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: 8-RCRA METALS	REMARKS/PRECAUTIONS
	STORMWATER AREA FOR TANKS 625018 & 625016	8/18/04	12:45	L	1 PT POLY	→	1		
	N. SLICEY TANK 695107		13:25				1		
	S. SLICEY TANK 695108		13:00				1		
	STORMWATER AREA FOR TANKS 695107 & 695108		13:00				1		

SAMPLER: JACOB CLEMENTS

SHIPMENT METHOD: IN PERSON

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☑ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	8-18-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: JACOB CLEMENTS / ARCADIS	TIME 13:45	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	08/18/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Vivian Hermosillo	TIME 1315	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

STL8222-560 (12/02)

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 226432

Prepared For:

Encycle Texas, Inc.
5500 Up River Road
Corpus Christi, TX 78407

Attention: Richard Marcus

Date: 09/13/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

9/13/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 9

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 09/13/2004

Job Number.: 226432
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226432-1	TANK 695107	Water	08/26/2004	10:20	08/26/2004	11:15
226432-2	CAUSTIC TANKS FLOOR	Water	08/26/2004	10:30	08/26/2004	11:15

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226432 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 695107
Date Sampled.....: 08/26/2004
Time Sampled.....: 10:20
Sample Matrix.....: Water

Laboratory Sample ID: 226432-1
Date Received.....: 08/26/2004
Time Received.....: 11:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Lead (Pb), Total	6.97	0.01	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226432 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: CAUSTIC TANKS FLOOR
Date Sampled.....: 08/26/2004
Time Sampled.....: 10:30
Sample Matrix.....: Water

Laboratory Sample ID: 226432-2
Date Received.....: 08/26/2004
Time Received.....: 11:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Lead (Pb), Total	0.91	0.01	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226432 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02269662		2.00		101.1	%	90-110	08/27/2004	1343
ICV		M0368	1.01996591		1.00		102.0	%	90-110	08/27/2004	1352
ICV		M0380	1.02070493		1.00		102.1	%	90-110	08/27/2004	1401
ICB			-0.0012064							08/27/2004	1427
ICV		M0393	0.50189210		0.500		100.4	%	90-110	08/27/2004	1430
CCV		M0388	1.00370036		1.00		100.4	%	90-110	08/27/2004	1436
CCB			-0.0002704							08/27/2004	1448
CCV		M0388	1.00642697		1.00		100.6	%	90-110	08/27/2004	1535
CCB			-0.0023798							08/27/2004	1547
MB		3010	-0.0021987							08/27/2004	1831
LCS		M351	0.49395925		0.500		98.8	%	80-120	08/27/2004	1838
CCV		M0388	0.99954569		1.00		100.0	%	90-110	08/27/2004	1843
CCB			-0.0027943							08/27/2004	1852
MS	226421-2	M351	0.45752443		0.500	0.00380911	90.7	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.47192907	0.45752443	0.500	0.00380911	93.6	%	75-125	08/27/2004	1913
							3.1	R	20		
CCV		M0388	0.98261994		1.00		98.3	%	90-110	08/27/2004	1945
CCB			-0.0024619							08/27/2004	1953
MS	226438-5	M351	0.52801340		0.500	0.04734933	96.1	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.52643897	0.52801340	0.500	0.04734933				08/27/2004	2023
MB		3050.	-0.0022641							08/27/2004	2040
CCV		M0388	0.99010465		1.00		99.0	%	90-110	08/27/2004	2043
CCB			0.00028503							08/27/2004	2049
LCS		M351	0.50395803		0.500		100.8	%	71-129	08/27/2004	2059
MS	226299-2	M351	0.51834601		0.500	0.05410232	92.8	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.49545875	0.51834601	0.500	0.05410232	88.3	%	75-125	08/27/2004	2125
							4.5	R	20		
MB		3051	-0.0010737							08/27/2004	2133
LCS		M351	0.50840880		0.500		101.7	%	80-120	08/27/2004	2140
CCV		M0388	1.01158547		1.00		101.2	%	90-110	08/27/2004	2146
CCB			-0.0044639							08/27/2004	2158
MS	226339-2	M351	0.50637933		0.500	-0.0023994	101.8	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.48130597	0.50637933	0.500	-0.0023994	96.7	%	75-125	08/27/2004	2210
							5.1	R	20		
CCV		M0388	1.01233186		1.00		101.2	%	90-110	08/27/2004	2222
CCB			-0.0020286							08/27/2004	2234

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/13/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-OO" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/13/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 24113 Client Delivered Just Sampled 8.2°C

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS/ENCYCLE	PROJECT NAME/NUMBER: ENCYCLE RCRA CLOSURE
SEND REPORT TO: KEN BRADNER/RICH MARCUS	**BILLING INFORMATION**
ADDRESS: 711 N. CARACAHUA	BILL TO: RICH MARCUS
C.C. TX 78475	ADDRESS: ENCYCLE
PHONE: 361 883 1353	PHONE:
FAX: 361 883 7565	FAX: PO NO:

LAB JOB NO. 226432

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: LEAD (TOTAL Pb)								REMARKS/PRECAUTIONS
	TANK 695107	8-26-04	1020	L	1 pt poly	HNO_3	1	X								
	CAUSTIC TANKS FLOOR	↓	1030	↓	↓	↓	1	X								

SAMPLER: JACOB CLEMENTS SHIPMENT METHOD: IN PERSON AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: [signature]	8-26-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: JACOB CLEMENTS/ARCADIS	TIME 1115	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: [signature]	8/26/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CE	TIME 1115	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

SEVERN TRENT STL

RECEIVED
AUG 27 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 226322

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 08/25/2004

Signature

8/25/04
Date

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 12

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 08/25/2004

Job Number.: 226322
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226322-1	STORMWATER PADDOCK FOR TANK 695018	Water	08/18/2004	14:40	08/18/2004	14:50

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226322 Date: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: STORMWATER PADDOCK FOR TANK 695018
Date Sampled.....: 08/18/2004
Time Sampled.....: 14:40
Sample Matrix.....: Water

Laboratory Sample ID: 226322-1
Date Received.....: 08/18/2004
Time Received.....: 14:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/19/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	08/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	08/19/04	jem
SW-846 6010B	Selenium (Se), Total	0.01	0.01	mg/L	08/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			08/19/04	cdt

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226322 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 97302 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.000030							08/19/2004	1641
ICV		M40819HG	0.00516		0.00500		103.2	%	90-110	08/19/2004	1644
ICV		M40819HG	0.00507		0.00500		101.4	%	90-110	08/19/2004	1647
MB			-0.00001							08/19/2004	1649
MS	226294-1	M40819HG	0.00532		0.00500	-0.000316	112.7	%	75-125	08/19/2004	1714
MSD	226294-1	M40819HG	0.00523	0.00532	0.00500	-0.000316	110.9	%	75-125	08/19/2004	1717
							1.7	R	20		
CCV		M40819HG	0.00495		0.00500		99.0	%	90-110	08/19/2004	1733
CCB			-0.000148							08/19/2004	1736
CCV		M40819HG	0.00494		0.00500		98.8	%	90-110	08/19/2004	1744
CCB			0.000000							08/19/2004	1747

Test Method.....: SW-846 7470A Batch.....: 97302 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.000030							08/19/2004	1641
ICV		M40819HG	0.00516		0.00500		103.2	%	90-110	08/19/2004	1644
ICV		M40819HG	0.00507		0.00500		101.4	%	90-110	08/19/2004	1647
MB			-0.00001							08/19/2004	1649

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97711221		2.00		98.9	%	90-110	08/19/2004	1328
ICV		M0368	0.97794513		1.00		97.8	%	90-110	08/19/2004	1337
ICV		M0380	0.96263457		1.00		96.3	%	90-110	08/19/2004	1346
ICB			-0.0000462							08/19/2004	1400
ICB			-0.0052033							08/19/2004	1412
ICV		M0393	0.48519245		0.500		97.0	%	90-110	08/19/2004	1416
CCV		M0388	0.97314383		1.00		97.3	%	90-110	08/19/2004	1421
CCB			-0.0036979							08/19/2004	1433
CCV		M0388	0.98867600		1.00		98.9	%	90-110	08/19/2004	1522
CCB			-0.0023716							08/19/2004	1534
CCV		M0388	0.96477873		1.00		96.5	%	90-110	08/19/2004	1547
CCB			-0.0016183							08/19/2004	1556
MB		3010	0.00133819							08/19/2004	1733
LCS		M351	0.48445248		0.500		96.9	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.51401352		0.500	-0.0197117	106.7	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.50911066	0.51401352	0.500	-0.0197117	105.8	%	75-125	08/19/2004	1758
							1.0	R	20		
CCV		M0388	0.98401452		1.00		98.4	%	90-110	08/19/2004	1814
CCB			0.00456874							08/19/2004	1826
MS	226322-1	M351	0.50620255		0.500	-0.0019204	101.6	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50980017	0.50620255	0.500	-0.0019204	102.3	%	75-125	08/19/2004	1901
							0.7	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226322 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.96979931		1.00		97.0	%	90-110	08/19/2004	1910
CCB			0.00037891							08/19/2004	1919
CCV		M0388	0.97508300		1.00		97.5	%	90-110	08/19/2004	1949
CCB			-0.0005814							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97410196		2.00		98.7	%	90-110	08/19/2004	1328
ICV		M0369	0.92725393		1.00		92.7	%	90-110	08/19/2004	1343
ICB			0.00016065							08/19/2004	1400
ICB			0.00002465							08/19/2004	1412
ICV		M0393	0.50093384		0.500		100.2	%	90-110	08/19/2004	1416
CCV		M0388	0.98347115		1.00		98.3	%	90-110	08/19/2004	1421
CCB			-0.0002510							08/19/2004	1433
CCV		M0388	0.99673585		1.00		99.7	%	90-110	08/19/2004	1522
CCB			-0.0000800							08/19/2004	1534
CCV		M0388	0.97136428		1.00		97.1	%	90-110	08/19/2004	1547
CCB			-0.0003428							08/19/2004	1556
MB		3010	-0.0003540							08/19/2004	1733
LCS		M351	0.47947813		0.500		95.9	%	80-120	08/19/2004	1740
MS	226309-1	M351	1.03758124		0.500	0.56215025	95.1	%	75-125	08/19/2004	1752
MSD	226309-1	M351	1.02377893	1.03758124	0.500	0.56215025	92.3	%	75-125	08/19/2004	1758
							1.3	R	20		
CCV		M0388	0.98266026		1.00		98.3	%	90-110	08/19/2004	1814
CCB			-0.0000675							08/19/2004	1826
MS	226322-1	M351	0.59740023		0.500	0.11184057	97.1	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.61322280	0.59740023	0.500	0.11184057	100.3	%	75-125	08/19/2004	1901
							2.6	R	20		
CCV		M0388	0.97351979		1.00		97.4	%	90-110	08/19/2004	1910
CCB			-0.0001319							08/19/2004	1919
CCV		M0388	0.98224580		1.00		98.2	%	90-110	08/19/2004	1949
CCB			0.00011534							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97459562		2.00		98.7	%	90-110	08/19/2004	1328
ICV		M0368	0.97376030		1.00		97.4	%	90-110	08/19/2004	1337
ICV		M0380	0.97396393		1.00		97.4	%	90-110	08/19/2004	1346
ICB			-0.0000033							08/19/2004	1400
ICB			-0.0000254							08/19/2004	1412
ICV		M0393	0.49258563		0.500		98.5	%	90-110	08/19/2004	1416
CCV		M0388	0.97304926		1.00		97.3	%	90-110	08/19/2004	1421
CCB			0.00003046							08/19/2004	1433

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226322 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.98616388		1.00		98.6	%	90-110	08/19/2004	1522
CCB			0.00008558							08/19/2004	1534
CCV		M0388	0.96302266		1.00		96.3	%	90-110	08/19/2004	1547
CCB			-0.0000526							08/19/2004	1556
MB		3010	-0.0000181							08/19/2004	1733
LCS		M351	0.47535717		0.500		95.1	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47858618		0.500	-0.0006797	95.9	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.47602309	0.47858618	0.500	-0.0006797	95.3	%	75-125	08/19/2004	1758
							0.5	R	20		
CCV		M0388	0.97572981		1.00		97.6	%	90-110	08/19/2004	1814
CCB			-0.0001241							08/19/2004	1826
MS	226322-1	M351	0.48785238		0.500	0.00314252	96.9	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.49808527	0.48785238	0.500	0.00314252	99.0	%	75-125	08/19/2004	1901
							2.1	R	20		
CCV		M0388	0.96088124		1.00		96.1	%	90-110	08/19/2004	1910
CCB			-0.0000566							08/19/2004	1919
CCV		M0388	0.96983759		1.00		97.0	%	90-110	08/19/2004	1949
CCB			0.00011056							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97757707		2.00		98.9	%	90-110	08/19/2004	1328
ICV		M0368	0.96980967		1.00		97.0	%	90-110	08/19/2004	1337
ICV		M0380	0.97198174		1.00		97.2	%	90-110	08/19/2004	1346
ICB			0.00067211							08/19/2004	1400
ICB			0.00097165							08/19/2004	1412
ICV		M0393	0.49036784		0.500		98.1	%	90-110	08/19/2004	1416
CCV		M0388	0.97784676		1.00		97.8	%	90-110	08/19/2004	1421
CCB			0.00059213							08/19/2004	1433
CCV		M0388	0.99266586		1.00		99.3	%	90-110	08/19/2004	1522
CCB			0.00047315							08/19/2004	1534
CCV		M0388	0.97191051		1.00		97.2	%	90-110	08/19/2004	1547
CCB			0.00053167							08/19/2004	1556
MB		3010	0.00043690							08/19/2004	1733
LCS		M351	0.47838211		0.500		95.7	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47670625		0.500	0.00224750	94.9	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.48057604	0.47670625	0.500	0.00224750	95.7	%	75-125	08/19/2004	1758
							0.8	R	20		
CCV		M0388	0.98473136		1.00		98.5	%	90-110	08/19/2004	1814
CCB			0.00091954							08/19/2004	1826
MS	226322-1	M351	0.49357553		0.500	0.00122202	98.5	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50495449	0.49357553	0.500	0.00122202	100.7	%	75-125	08/19/2004	1901
							2.3	R	20		
CCV		M0388	0.97035413		1.00		97.0	%	90-110	08/19/2004	1910
CCB			0.00052514							08/19/2004	1919
CCV		M0388	0.98327868		1.00		98.3	%	90-110	08/19/2004	1949
CCB			0.00031682							08/19/2004	2001

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226322 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00147188		2.00		100.1	%	90-110	08/19/2004	1328
ICV		M0368	1.00287194		1.00		100.3	%	90-110	08/19/2004	1337
ICV		M0380	0.99019163		1.00		99.0	%	90-110	08/19/2004	1346
ICB			-0.0020046							08/19/2004	1400
ICB			0.00036384							08/19/2004	1412
ICV		M0393	0.49802518		0.500		99.6	%	90-110	08/19/2004	1416
CCV		M0388	0.98069482		1.00		98.1	%	90-110	08/19/2004	1421
CCB			-0.0002131							08/19/2004	1433
CCV		M0388	0.98722655		1.00		98.7	%	90-110	08/19/2004	1522
CCB			-0.0000059							08/19/2004	1534
CCV		M0388	0.95840054		1.00		95.8	%	90-110	08/19/2004	1547
CCB			-0.0027848							08/19/2004	1556
MB		3010	-0.0014741							08/19/2004	1733
LCS		M351	0.48778155		0.500		97.6	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.47702952		0.500	-0.0001670	95.4	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.47093422	0.47702952	0.500	-0.0001670	94.2	%	75-125	08/19/2004	1758
							1.3	R	20		
CCV		M0388	0.98114611		1.00		98.1	%	90-110	08/19/2004	1814
CCB			-0.0000300							08/19/2004	1826
MS	226322-1	M351	0.51048496		0.500	0.02406658	97.3	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.51437609	0.51048496	0.500	0.02406658	98.1	%	75-125	08/19/2004	1901
							0.8	R	20		
CCV		M0388	0.96593054		1.00		96.6	%	90-110	08/19/2004	1910
CCB			0.00225418							08/19/2004	1919
CCV		M0388	0.97391950		1.00		97.4	%	90-110	08/19/2004	1949
CCB			-0.0015822							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.95280110		2.00		97.6	%	90-110	08/19/2004	1328
ICV		M0368	1.00018712		1.00		100.0	%	90-110	08/19/2004	1337
ICV		M0380	0.98077694		1.00		98.1	%	90-110	08/19/2004	1346
ICB			0.00926792							08/19/2004	1400
ICB			0.00281341							08/19/2004	1412
ICV		M0393	0.49880145		0.500		99.8	%	90-110	08/19/2004	1416
CCV		M0388	0.99191010		1.00		99.2	%	90-110	08/19/2004	1421
CCB			-0.0032089							08/19/2004	1433
CCV		M0388	0.97973110		1.00		98.0	%	90-110	08/19/2004	1522
CCB			-0.0066878							08/19/2004	1534
CCV		M0388	0.94982373		1.00		95.0	%	90-110	08/19/2004	1547
CCB			-0.0027459							08/19/2004	1556
MB		3010	-0.0093507							08/19/2004	1733
LCS		M351	0.48295504		0.500		96.6	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.54629348		0.500	0.04002734	101.3	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.53701097	0.54629348	0.500	0.04002734	99.4	%	75-125	08/19/2004	1758
							1.7	R	20		
CCV		M0388	0.96883718		1.00		96.9	%	90-110	08/19/2004	1814
CCB			-0.0017087							08/19/2004	1826

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226322 Report Date.: 08/25/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226322-1	M351	0.49037810		0.500	0.01279489	95.5	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.50582099	0.49037810	0.500	0.01279489	98.6	%	75-125	08/19/2004	1901
							3.1	R	20		
CCV		M0388	0.95293864		1.00		95.3	%	90-110	08/19/2004	1910
CCB			0.00212966							08/19/2004	1919
CCV		M0388	0.96969724		1.00		97.0	%	90-110	08/19/2004	1949
CCB			-0.0060564							08/19/2004	2001

Test Method.....: SW-846 6010B Batch.....: 97265 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.98355024		1.0		98.4	%	90-110	08/19/2004	1328
ICV		M0369	0.92207480		1.00		92.2	%	90-110	08/19/2004	1343
ICB			0.00229225							08/19/2004	1400
ICB			0.00017769							08/19/2004	1412
ICV		M0393	0.49638687		0.500		99.3	%	90-110	08/19/2004	1416
CCV		M0388	0.47907640		0.50		95.8	%	90-110	08/19/2004	1421
CCB			0.00120523							08/19/2004	1433
CCV		M0388	0.48900740		0.50		97.8	%	90-110	08/19/2004	1522
CCB			0.00139152							08/19/2004	1534
CCV		M0388	0.48120413		0.50		96.2	%	90-110	08/19/2004	1547
CCB			0.00014093							08/19/2004	1556
MB		3010	-0.0003458							08/19/2004	1733
LCS		M351	0.23418553		0.25		93.7	%	80-120	08/19/2004	1740
MS	226309-1	M351	0.25565860		0.25	-0.0056454	104.5	%	75-125	08/19/2004	1752
MSD	226309-1	M351	0.25075575	0.25565860	0.25	-0.0056454	102.6	%	75-125	08/19/2004	1758
							1.9	R	20		
CCV		M0388	0.48268133		0.50		96.5	%	90-110	08/19/2004	1814
CCB			0.00037697							08/19/2004	1826
MS	226322-1	M351	0.24041567		0.25	-0.0011284	96.6	%	75-125	08/19/2004	1856
MSD	226322-1	M351	0.24724871	0.24041567	0.25	-0.0011284	99.4	%	75-125	08/19/2004	1901
							2.8	R	20		
CCV		M0388	0.47584063		0.50		95.2	%	90-110	08/19/2004	1910
CCB			0.00272011							08/19/2004	1919
CCV		M0388	0.48252342		0.50		96.5	%	90-110	08/19/2004	1949
CCB			-0.0004816							08/19/2004	2001

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/25/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND = Not detected at a value greater than the reporting limit
TNTC = Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB Method Blank
ICB Initial Calibration Blank
CCB Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS Method (Matrix) Spike
MSD Method (Matrix) Spike Duplicate
PDS Post Digestion/Distillation Spike
SB Spiked Blank
SBD Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS Laboratory Control Standard
RS Reference Standard
ICV Initial Calibration Verification Standard

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QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/25/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 24106

CHAIN OF CUSTODY RECORD

11.5°C

Just sampled

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS	PROJECT NAME/NUMBER: ENCYCLE RCRA CLOSURE
SEND REPORT TO: KEN BRADNER - ARCADIS RICH MARCUS - ENCYCLE	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA	BILL TO:
	ADDRESS:
PHONE: (361) 883-1353	PHONE:
FAX:	FAX: PO NO:

LAB JOB NO. 226328

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: 8-RCRA METALS ANALYSIS	REMARKS/PRECAUTIONS
	STORMWATER HADDOCK FOR TANK CLOSURE	8-18-04	14:40	L	1PT POLY	HNO3	1	1	

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY: JACOB CLEMENTS	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	8-18-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY:	TIME 1450	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	8/18/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-K	TIME 1450	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

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1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
OCT 0 1 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 226801

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 09/29/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

9/29/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 14

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 09/29/2004

Job Number.: 226801
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226801-1	FAC 2 BOTTOM SOUTH FLOOR	Water	09/20/2004	15:00	09/20/2004	16:16
226801-2	FAC 2 BOTTOM NORTH FLOOR	Water	09/20/2004	16:00	09/20/2004	16:16
226801-3	FAC 2 BOTTOM NORTH FLOOR DUP	Water	09/20/2004	16:00	09/20/2004	16:16
226801-4	TANK 695107	Water	09/20/2004	15:45	09/20/2004	16:16
226801-5	STORMWATER CONTAINMENT FOR TANK 695107	Water	09/20/2004	15:45	09/20/2004	16:16

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226801 Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 BOTTOM SOUTH FLOOR
Date Sampled.....: 09/20/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 226801-1
Date Received.....: 09/20/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	09/22/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Barium (Ba), Total	0.08	0.01	mg/L	09/21/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	09/21/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/21/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226801 Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 BOTTOM NORTH FLOOR
Date Sampled.....: 09/20/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 226801-2
Date Received.....: 09/20/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	09/22/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Barium (Ba), Total	0.08	0.01	mg/L	09/21/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	09/21/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	09/21/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/21/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226801 Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 BOTTOM NORTH FLOOR DUP
Date Sampled.....: 09/20/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 226801-3
Date Received.....: 09/20/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	09/22/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	09/21/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	09/21/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	09/21/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	09/21/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/21/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226801 Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 695107
Date Sampled.....: 09/20/2004
Time Sampled.....: 15:45
Sample Matrix.....: Water

Laboratory Sample ID: 226801-4
Date Received.....: 09/20/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Lead (Pb), Total	1.41	0.01	mg/L	09/21/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/21/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226801

Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: STORMWATER CONTAINMENT FOR TANK 695107
Date Sampled.....: 09/20/2004
Time Sampled.....: 15:45
Sample Matrix.....: Water

Laboratory Sample ID: 226801-5
Date Received.....: 09/20/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Lead (Pb), Total	0.19	0.01	mg/L	09/21/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			09/21/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226801 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 98431 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40922HG	0.00497		0.00500		99.4	%	90-110	09/22/2004	1451
ICB			0.000000							09/22/2004	1453
LCS		M40922LG	0.00496		0.0050		99.2	%	85-115	09/22/2004	1458
MB			0.000004							09/22/2004	1500
CCV		M40922HG	0.00485		0.00500		97.0	%	80-120	09/22/2004	1526
CCB			-0.000012							09/22/2004	1528
MS	226775-9	M40922HG	0.00480		0.00500	-0.000188	99.8	%	70-130	09/22/2004	1535
MSD	226775-9	M40922HG	0.00436	0.00480	0.00500	-0.000188	91.0	%	70-130	09/22/2004	1538
							9.6	R	20		
MS	226775-9	M40922HG	0.00484		0.00500	-0.000192	100.6	%	70-130	09/22/2004	1542
MSD	226775-9	M40922HG	0.00445	0.00484	0.00500	-0.000192	92.8	%	70-130	09/22/2004	1545
							8.4	R	20		
CCV		M40922HG	0.00486		0.00500		97.2	%	80-120	09/22/2004	1604
CCB			0.000069							09/22/2004	1606
LCS		M40922LG	0.00529		0.0050		105.8	%	85-115	09/22/2004	1611
MB			0.000199							09/22/2004	1613
MS	226801-1	M40922HG	0.00484		0.00500	0.000227	92.3	%	70-130	09/22/2004	1627
MSD	226801-1	M40922HG	0.00470	0.00484	0.00500	0.000227	89.5	%	70-130	09/22/2004	1629
							2.9	R	20		
MB			-0.000032							09/22/2004	1639
MS	226782-4	M40922HG	0.00491		0.00500	0.000699	84.2	%	70-130	09/22/2004	1648
MSD	226782-4	M40922HG	0.00515	0.00491	0.00500	0.000699	89.0	%	70-130	09/22/2004	1650
							4.8	R	20		
LCS		M40922LG	0.00475		0.0050		95.0	%	85-115	09/22/2004	1655
CCV		M40922HG	0.00476		0.00500		95.2	%	80-120	09/22/2004	1657
CCB			0.0000132							09/22/2004	1700
MB			0.000068							09/22/2004	1702

Test Method.....: SW-846 7470A Batch.....: 98431 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40922HG	0.00497		0.00500		99.4	%	90-110	09/22/2004	1451
ICB			0.000000							09/22/2004	1453
LCS		M40922LG	0.00496		0.0050		99.2	%	85-115	09/22/2004	1458
MB			0.000004							09/22/2004	1500
CCV		M40922HG	0.00485		0.00500		97.0	%	80-120	09/22/2004	1526
CCB			-0.000012							09/22/2004	1528
MS	226775-9	M40922HG	0.00480		0.00500	-0.000188	99.8	%	70-130	09/22/2004	1535
MSD	226775-9	M40922HG	0.00436	0.00480	0.00500	-0.000188	91.0	%	70-130	09/22/2004	1538
							9.6	R	20		
MS	226775-9	M40922HG	0.00484		0.00500	-0.000192	100.6	%	70-130	09/22/2004	1542
MSD	226775-9	M40922HG	0.00445	0.00484	0.00500	-0.000192	92.8	%	70-130	09/22/2004	1545
							8.4	R	20		
CCV		M40922HG	0.00486		0.00500		97.2	%	80-120	09/22/2004	1604
CCB			0.000069							09/22/2004	1606
LCS		M40922LG	0.00529		0.0050		105.8	%	85-115	09/22/2004	1611
MB			0.000199							09/22/2004	1613
MS	226801-1	M40922HG	0.00484		0.00500	0.000227	92.3	%	70-130	09/22/2004	1627
MSD	226801-1	M40922HG	0.00470	0.00484	0.00500	0.000227	89.5	%	70-130	09/22/2004	1629
							2.9	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226801 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 98431 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB			-0.000032							09/22/2004	1639
MS	226782-4	M40922HG	0.00491		0.00500	0.000699	84.2	%	70-130	09/22/2004	1648
MSD	226782-4	M40922HG	0.00515	0.00491	0.00500	0.000699	89.0	%	70-130	09/22/2004	1650
							4.8	R	20		
LCS		M40922LG	0.00475		0.0050		95.0	%	85-115	09/22/2004	1655
CCV		M40922HG	0.00476		0.00500		95.2	%	80-120	09/22/2004	1657
CCB			0.000013							09/22/2004	1700
MB			0.000068							09/22/2004	1702

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.03811768		2.00		101.9	%	90-110	09/21/2004	1258
ICV		M0368	0.99758172		1.00		99.8	%	90-110	09/21/2004	1307
ICV		M0380	0.98653911		1.00		98.7	%	90-110	09/21/2004	1316
ICB			-0.0020691							09/21/2004	1330
ICB			-0.0026467							09/21/2004	1342
ICV		M0393	0.49409449		0.500		98.8	%	90-110	09/21/2004	1346
CCV		M0388	1.00787960		1.00		100.8	%	90-110	09/21/2004	1351
CCB			-0.0010384							09/21/2004	1404
MB		3010	0.00135775							09/21/2004	1407
LCS		M351	0.50024018		0.500		100.0	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.48784859		0.500	0.00273077	97.0	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.49405089	0.48784859	0.500	0.00273077	98.3	%	75-125	09/21/2004	1449
							1.3	R	20		
CCV		M0388	1.01486034		1.00		101.5	%	90-110	09/21/2004	1455
CCB			0.00100369							09/21/2004	1507
CCV		M0388	1.02345657		1.00		102.3	%	90-110	09/21/2004	1546
CCB			-0.0014787							09/21/2004	1558
CCV		M0388	1.00239909		1.00		100.2	%	90-110	09/21/2004	1618
CCB			-0.0006883							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01370174		2.00		100.7	%	90-110	09/21/2004	1258
ICV		M0369	1.03120921		1.00		103.1	%	90-110	09/21/2004	1312
ICB			-0.0000851							09/21/2004	1330
ICB			-0.0004436							09/21/2004	1342
ICV		M0393	0.50195797		0.500		100.4	%	90-110	09/21/2004	1346
CCV		M0388	1.01173683		1.00		101.2	%	90-110	09/21/2004	1351
CCB			-0.0005366							09/21/2004	1404
MB		3010	0.00000185							09/21/2004	1407
LCS		M351	0.50597450		0.500		101.2	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.51497335		0.500	0.02784304	97.4	%	75-125	09/21/2004	1444

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226801 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226775-9	M351	0.51916276	0.51497335	0.500	0.02784304	98.3	%	75-125	09/21/2004	1449
							0.8	R	20		
CCV		M0388	1.01453751		1.00		101.5	%	90-110	09/21/2004	1455
CCB			-0.0004373							09/21/2004	1507
CCV		M0388	1.02805122		1.00		102.8	%	90-110	09/21/2004	1546
CCB			-0.0004105							09/21/2004	1558
CCV		M0388	1.01111005		1.00		101.1	%	90-110	09/21/2004	1618
CCB			-0.0002809							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01957551		2.00		101.0	%	90-110	09/21/2004	1258
ICV		M0368	1.00557334		1.00		100.6	%	90-110	09/21/2004	1307
ICV		M0380	1.00051737		1.00		100.1	%	90-110	09/21/2004	1316
ICB			-0.0001735							09/21/2004	1330
ICB			-0.0000146							09/21/2004	1342
ICV		M0393	0.50351788		0.500		100.7	%	90-110	09/21/2004	1346
CCV		M0388	1.00063747		1.00		100.1	%	90-110	09/21/2004	1351
CCB			-0.0001672							09/21/2004	1404
MB		3010	-0.0001201							09/21/2004	1407
LCS		M351	0.50041715		0.500		100.1	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.50896669		0.500	0.00078063	101.6	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.51466226	0.50896669	0.500	0.00078063	102.8	%	75-125	09/21/2004	1449
							1.1	R	20		
CCV		M0388	1.00824732		1.00		100.8	%	90-110	09/21/2004	1455
CCB			-0.0002560							09/21/2004	1507
CCV		M0388	1.01701132		1.00		101.7	%	90-110	09/21/2004	1546
CCB			-0.0001312							09/21/2004	1558
CCV		M0388	0.99713093		1.00		99.7	%	90-110	09/21/2004	1618
CCB			-0.0001788							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01506100		2.00		100.8	%	90-110	09/21/2004	1258
ICV		M0368	1.00005839		1.00		100.0	%	90-110	09/21/2004	1307
ICV		M0380	0.99537774		1.00		99.5	%	90-110	09/21/2004	1316
ICB			-0.0002688							09/21/2004	1330
ICB			0.00015285							09/21/2004	1342
ICV		M0393	0.49545910		0.500		99.1	%	90-110	09/21/2004	1346
CCV		M0388	1.00193671		1.00		100.2	%	90-110	09/21/2004	1351
CCB			-0.0003280							09/21/2004	1404
MB		3010	-0.0000250							09/21/2004	1407
LCS		M351	0.50130202		0.500		100.3	%	80-120	09/21/2004	1414

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226801 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226775-9	M351	0.47847076		0.500	0.00525177	94.6	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.48323777	0.47847076	0.500	0.00525177	95.6	%	75-125	09/21/2004	1449
							1.0	R	20		
CCV		M0388	1.00965769		1.00		101.0	%	90-110	09/21/2004	1455
CCB			-0.0001882							09/21/2004	1507
CCV		M0388	1.02210302		1.00		102.2	%	90-110	09/21/2004	1546
CCB			-0.0005715							09/21/2004	1558
CCV		M0388	1.00191033		1.00		100.2	%	90-110	09/21/2004	1618
CCB			-0.0000185							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01400043		2.00		100.7	%	90-110	09/21/2004	1258
ICV		M0368	1.02672700		1.00		102.7	%	90-110	09/21/2004	1307
ICV		M0380	1.01059874		1.00		101.1	%	90-110	09/21/2004	1316
ICB			-0.0009429							09/21/2004	1330
ICB			-0.0014031							09/21/2004	1342
ICV		M0393	0.50941132		0.500		101.9	%	90-110	09/21/2004	1346
CCV		M0388	1.00454525		1.00		100.5	%	90-110	09/21/2004	1351
CCB			-0.0025329							09/21/2004	1404
MB		3010	-0.0005969							09/21/2004	1407
LCS		M351	0.50256330		0.500		100.5	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.50717146		0.500	0.00448218	100.5	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.50993469	0.50717146	0.500	0.00448218	101.1	%	75-125	09/21/2004	1449
							0.5	R	20		
CCV		M0388	1.00412023		1.00		100.4	%	90-110	09/21/2004	1455
CCB			-0.0023040							09/21/2004	1507
CCV		M0388	1.01475326		1.00		101.5	%	90-110	09/21/2004	1546
CCB			-0.0028554							09/21/2004	1558
CCV		M0388	0.99116514		1.00		99.1	%	90-110	09/21/2004	1618
CCB			-0.0020574							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.03762480		2.00		101.9	%	90-110	09/21/2004	1258
ICV		M0368	1.00907589		1.00		100.9	%	90-110	09/21/2004	1307
ICV		M0380	0.98743106		1.00		98.7	%	90-110	09/21/2004	1316
ICB			-0.0011525							09/21/2004	1330
ICB			0.00239329							09/21/2004	1342
ICV		M0393	0.49485732		0.500		99.0	%	90-110	09/21/2004	1346
CCV		M0388	1.00042715		1.00		100.0	%	90-110	09/21/2004	1351
CCB			-0.0003911							09/21/2004	1404
MB		3010	0.00171839							09/21/2004	1407

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226801 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.49505237		0.500		99.0	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.47070395		0.500	-0.0061595	95.4	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.47262418	0.47070395	0.500	-0.0061595	95.8	%	75-125	09/21/2004	1449
							0.4	R	20		
CCV		M0388	0.99526287		1.00		99.5	%	90-110	09/21/2004	1455
CCB			-0.0049244							09/21/2004	1504
CCV		M0388	1.00827844		1.00		100.8	%	90-110	09/21/2004	1546
CCB			-0.0044489							09/21/2004	1558
CCV		M0388	0.99732148		1.00		99.7	%	90-110	09/21/2004	1618
CCB			0.00591140							09/21/2004	1630

Test Method.....: SW-846 6010B Batch.....: 98399 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.00715478		1.0		100.7	%	90-110	09/21/2004	1258
ICV		M0369	1.04177924		1.00		104.2	%	90-110	09/21/2004	1312
ICB			0.00109509							09/21/2004	1330
ICB			0.00085098							09/21/2004	1342
ICV		M0393	0.50154898		0.500		100.3	%	90-110	09/21/2004	1346
CCV		M0388	0.50401720		0.50		100.8	%	90-110	09/21/2004	1351
CCB			0.00105883							09/21/2004	1404
MB		3010	0.00005279							09/21/2004	1407
LCS		M351	0.24744340		0.25		99.0	%	80-120	09/21/2004	1414
MS	226775-9	M351	0.23910299		0.25	-0.0008447	96.0	%	75-125	09/21/2004	1444
MSD	226775-9	M351	0.24083572	0.23910299	0.25	-0.0008447	96.7	%	75-125	09/21/2004	1449
							0.7	R	20		
CCV		M0388	0.50686921		0.50		101.4	%	90-110	09/21/2004	1455
CCB			0.00036207							09/21/2004	1507
CCV		M0388	0.51181468		0.50		102.4	%	90-110	09/21/2004	1546
CCB			0.00015406							09/21/2004	1558
CCV		M0388	0.50230461		0.50		100.5	%	90-110	09/21/2004	1618
CCB			0.00022413							09/21/2004	1630

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name: Encycle RCRA Closure
Project Location: Corpus Christi, TX
Laboratory: STL, Corpus Christi, TX
Project Manager: Ken Brandner
Sampler(s)/Affiliation: Ken Brandner / ARCADIS

ON ICE
JUST Sampled
17.5°C
226801

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total As, Ba, Cd, Cr, Pb, Hg, Se, Ag (1 pt. poly w/ HNO3)	ANALYSIS / METHOD / SIZE: Total lead (1 pt. poly w/ HNO3)	Remarks	Total
Fac 2 Bottom South Floor	L	9/20/04 1500		1		Normal turnaround	1
Fac 2 Bottom North Floor		1600		1			1
Fac 2 Bottom North Floor DUP		1600		1			1
Tank 695107		1545			1	Pb only	1
Stormwater Containment for Tank 695107		1545			1	Pb only	1

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 5

Relinquished by: Kenneth Brandner	Organization: ARCADIS	Date 9/20/04	Time 1616	Seal Intact?	Yes No N/A
Received by: Karen Callen	Organization: STL-CC	Date 9/20/04	Time 1616		
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	Yes No N/A
Received by:	Organization:	Date / /	Time		

Special Instructions/Remarks: Results to Ken Brandner & Rich Marcus. Invoice to Rich Marcus for RCRA Closure. Samples delivered in cooler with ice.

Delivery Method: ☒ In Person ☐ Common Carrier _____ (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

SEVERN TRENT STL

JUN 28 2004

ANALYTICAL REPORT

JOB NUMBER: 225216

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 06/23/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

6/23/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 19

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 06/23/2004

Job Number.: 225216
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225216-1	DRUM FILTER WEST	Water	06/09/2004	16:00	06/09/2004	16:16
225216-2	DRUM FILTER MIDDLE	Water	06/09/2004	16:10	06/09/2004	16:16
225216-3	DRUM FILTER EAST	Water	06/09/2004	16:20	06/09/2004	16:16
225216-4	FIELD BLANK	Water	06/09/2004	16:00	06/09/2004	16:16

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225216 Date: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: DRUM FILTER WEST
Date Sampled.....: 06/09/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 225216-1
Date Received.....: 06/09/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.08	0.01	mg/L	06/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.07	0.01	mg/L	06/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.27	0.01	mg/L	06/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/10/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225216 Date: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: DRUM FILTER MIDDLE
Date Sampled.....: 06/09/2004
Time Sampled.....: 16:10
Sample Matrix.....: Water

Laboratory Sample ID: 225216-2
Date Received.....: 06/09/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	06/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.06	0.01	mg/L	06/10/04	jem
SW-846 6010B	Chromium (Cr), Total	0.02	0.01	mg/L	06/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.22	0.01	mg/L	06/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/10/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225216 Date: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: DRUM FILTER EAST
Date Sampled.....: 06/09/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 225216-3
Date Received.....: 06/09/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Barium (Ba), Total	0.09	0.01	mg/L	06/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.03	0.01	mg/L	06/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Lead (Pb), Total	0.15	0.01	mg/L	06/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/10/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225216 Date: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FIELD BLANK
Date Sampled.....: 06/09/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 225216-4
Date Received.....: 06/09/2004
Time Received.....: 16:16

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Barium (Ba), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/10/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/10/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/10/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 94906 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M061604HG	0.00489		0.00500		97.8	%	90-110	06/16/2004	1456
ICB			0.000014							06/16/2004	1459
LCS		M061604LG	0.00490		0.0050		98.0	%	85-115	06/16/2004	1502
MB			-0.000093							06/16/2004	1504
MS	225214-1	M061604HG	0.00507		0.00500	0.000517	91.1	%	75-125	06/16/2004	1512
MSD	225214-1	M061604HG	0.00509	0.00507	0.00500	0.000517	91.5	%	75-125	06/16/2004	1513
							0.4	R	20		
CCV		M061604HG	0.00532		0.00500		106.4	%	80-120	06/16/2004	1524
CCB			-0.000055							06/16/2004	1528
CCV		M061604HG	0.00542		0.00500		108.4	%	80-120	06/16/2004	1540
CCB			-0.000069							06/16/2004	1543

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98840161		2.00		99.4	%	90-110	06/10/2004	1125
ICV		M0368	1.00132740		1.00		100.1	%	90-110	06/10/2004	1134
ICV		M0380	0.96783724		1.00		96.8	%	90-110	06/10/2004	1143
ICB			-0.0012056							06/10/2004	1157
ICB			0.00056796							06/10/2004	1210
ICV		M0393	0.47026715		0.500		94.1	%	90-110	06/10/2004	1213
CCV		M0388	1.01068346		1.00		101.1	%	90-110	06/10/2004	1219
CCB			0.00157840							06/10/2004	1223
MB		3050	0.00847495							06/10/2004	1244
LCS		M351	0.50111741		0.500		100.2	%	66-134	06/10/2004	1251
SB		M383D	2.26140848		2.31		97.9	%	66-134	06/10/2004	1256
CCV		M0388	0.97037465		1.00		97.0	%	90-110	06/10/2004	1327
CCB			0.00267099							06/10/2004	1339
MS	225156-6	M351	0.50359343		0.500	0.03197880	94.3	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.49828710	0.50359343	0.500	0.03197880	93.3	%	75-125	06/10/2004	1348
							1.1	R	20		
MB		3050.	0.00429975							06/10/2004	1415
LCS		M351	0.48074531		0.500		96.1	%	66-134	06/10/2004	1419
CCV		M0388	0.96878486		1.00		96.9	%	90-110	06/10/2004	1424
CCB			-0.0003245							06/10/2004	1436
SB		M383D	2.18982285		2.31		94.8	%	66-134	06/10/2004	1440
MS	225155-3	M351	0.49959379		0.500	0.03167225	93.6	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.47568615	0.49959379	0.500	0.03167225	88.8	%	75-125	06/10/2004	1506
							4.9	R	20		
CCV		M0388	0.97602718		1.00		97.6	%	90-110	06/10/2004	1522
CCB			0.00074223							06/10/2004	1534
CCV		M0388	0.95990103		1.00		96.0	%	90-110	06/10/2004	1619
CCB			0.00628772							06/10/2004	1631
B			-0.0037533							06/10/2004	1658
CCV		M0388	0.97225219		1.00		97.2	%	90-110	06/10/2004	1709
CCB			0.00382309							06/10/2004	1717
MB		3010.	0.01103124							06/10/2004	1806
LCS		M351	0.47302568		0.500		94.6	%	80-120	06/10/2004	1810
MS	225204-1	M351	0.51802154		0.500	0.00412321	102.8	%	75-125	06/10/2004	1826

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	225204-1	M351	0.49596349	0.51802154	0.500	0.00412321	98.4	%	75-125	06/10/2004	1831
							4.4	R	20		
CCV		M0388	0.95383633		1.00		95.4	%	90-110	06/10/2004	1840
CCB			0.00371075							06/10/2004	1852
CCV		M0388	0.94326386		1.00		94.3	%	90-110	06/10/2004	1931
CCB			0.00351230							06/10/2004	1943
MB		3010	0.00172710							06/10/2004	2011
LCS		M351	0.48839112		0.500		97.7	%	80-120	06/10/2004	2018
CCV		M0388	0.96757317		1.00		96.8	%	90-110	06/10/2004	2024
CCB			0.00701207							06/10/2004	2032
MS	225189-2	M351	0.52197982		0.500	0.01892093	100.6	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.51176894	0.52197982	0.500	0.01892093	98.6	%	75-125	06/10/2004	2102
							2.0	R	20		
CCV		M0388	0.95464775		1.00		95.5	%	90-110	06/10/2004	2119
CCB			0.00248448							06/10/2004	2133
CCV		M0388	0.96692466		1.00		96.7	%	90-110	06/10/2004	2212
CCB			0.00252826							06/10/2004	2224
MB		3010.	-0.0015889							06/10/2004	2238
LCS		M351	0.48199801		0.500		96.4	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.51095443		0.500	0.00927322	100.3	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.51127423	0.51095443	0.500	0.00927322	100.4	%	75-125	06/10/2004	2259
							0.1	R	20		
CCV		M0388	0.93673852		1.00		93.7	%	90-110	06/10/2004	2314
CCB			0.00441832							06/10/2004	2328

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98503074		2.00		99.3	%	90-110	06/10/2004	1125
ICV		M0369	0.96358951		1.00		96.4	%	90-110	06/10/2004	1139
ICB			-0.0001651							06/10/2004	1157
ICB			0.00020475							06/10/2004	1210
ICV		M0393	0.47642244		0.500		95.3	%	90-110	06/10/2004	1213
CCV		M0388	1.00388278		1.00		100.4	%	90-110	06/10/2004	1219
CCB			0.00038252							06/10/2004	1223
MB		3050	-0.0000574							06/10/2004	1244
LCS		M351	0.51491444		0.500		103.0	%	58-142	06/10/2004	1251
SB		M383D	9.74667356		10.00		97.5	%	58-142	06/10/2004	1256
CCV		M0388	0.98637687		1.00		98.6	%	90-110	06/10/2004	1327
CCB			0.00046649							06/10/2004	1339
MS	225156-6	M351	1.37599984		0.500	0.82534788	110.1	%	75-125	06/10/2004	1343
MSD	225156-6	M351	1.32728966	1.37599984	0.500	0.82534788	100.4	%	75-125	06/10/2004	1348
							3.6	R	20		
MB		3050.	0.00070214							06/10/2004	1415
LCS		M351	0.49186117		0.500		98.4	%	58-142	06/10/2004	1419
CCV		M0388	0.97824538		1.00		97.8	%	90-110	06/10/2004	1424
CCB			0.00021063							06/10/2004	1436
SB		M383D	9.21573048		10.00		92.2	%	58-142	06/10/2004	1440
MS	225155-3	M351	0.72207890		0.500	0.27739117	88.9	%	75-125	06/10/2004	1500

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	225155-3	M351	0.82072894	0.72207890	0.500	0.27739117	108.7	%	75-125	06/10/2004	1506
							12.8	R	20		
CCV		M0388	0.97658389		1.00		97.7	%	90-110	06/10/2004	1522
CCB			0.00049642							06/10/2004	1534
CCV		M0388	0.96339819		1.00		96.3	%	90-110	06/10/2004	1619
CCB			0.00027639							06/10/2004	1631
B			0.00024167							06/10/2004	1658
CCV		M0388	0.96513472		1.00		96.5	%	90-110	06/10/2004	1709
CCB			0.00042704							06/10/2004	1717
MB		3010.	0.00058127							06/10/2004	1806
LCS		M351	0.46102399		0.500		92.2	%	80-120	06/10/2004	1810
MS	225204-1	M351	1.00656717		0.500	0.52549128	96.2	%	75-125	06/10/2004	1826
MSD	225204-1	M351	0.96990038	1.00656717	0.500	0.52549128	88.9	%	75-125	06/10/2004	1831
							3.7	R	20		
CCV		M0388	0.95423515		1.00		95.4	%	90-110	06/10/2004	1840
CCB			0.00001860							06/10/2004	1852
CCV		M0388	0.94582260		1.00		94.6	%	90-110	06/10/2004	1931
CCB			0.00020706							06/10/2004	1943
MB		3010	0.00037429							06/10/2004	2011
LCS		M351	0.48511652		0.500		97.0	%	80-120	06/10/2004	2018
CCV		M0388	0.96233324		1.00		96.2	%	90-110	06/10/2004	2024
CCB			0.00031687							06/10/2004	2032
MS	225189-2	M351	0.67239907		0.500	0.19352603	95.8	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.67824100	0.67239907	0.500	0.19352603	96.9	%	75-125	06/10/2004	2102
							0.9	R	20		
CCV		M0388	0.95600312		1.00		95.6	%	90-110	06/10/2004	2119
CCB			0.00021436							06/10/2004	2133
CCV		M0388	0.96439493		1.00		96.4	%	90-110	06/10/2004	2212
CCB			0.00006554							06/10/2004	2224
MB		3010.	0.00056757							06/10/2004	2238
LCS		M351	0.48298447		0.500		96.6	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.54022063		0.500	0.07318185	93.4	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.53614478	0.54022063	0.500	0.07318185	92.6	%	75-125	06/10/2004	2259
							0.8	R	20		
CCV		M0388	0.92795660		1.00		92.8	%	90-110	06/10/2004	2314
CCB			0.00014843							06/10/2004	2328

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98955144		2.00		99.5	%	90-110	06/10/2004	1125
ICV		M0368	1.01995520		1.00		102.0	%	90-110	06/10/2004	1134
ICV		M0380	0.97999987		1.00		98.0	%	90-110	06/10/2004	1143
ICB			0.00024814							06/10/2004	1157
ICB			0.00016577							06/10/2004	1210
ICV		M0393	0.48472949		0.500		96.9	%	90-110	06/10/2004	1213
CCV		M0388	0.99894985		1.00		99.9	%	90-110	06/10/2004	1219
CCB			0.00030993							06/10/2004	1223
MB		3050	-0.0000424							06/10/2004	1244

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.50047250		0.500		100.1	%	73-127	06/10/2004	1251
SB		M383D	1.17411619		1.27		92.5	%	73-127	06/10/2004	1256
CCV		M0388	0.97238666		1.00		97.2	%	90-110	06/10/2004	1327
CCB			0.00013295							06/10/2004	1339
MS	225156-6	M351	0.49444129		0.500	0.00229655	98.4	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.46116163	0.49444129	0.500	0.00229655	91.8	%	75-125	06/10/2004	1348
							7.0	R	20		
MB		3050.	0.00030681							06/10/2004	1415
LCS		M351	0.47461488		0.500		94.9	%	73-127	06/10/2004	1419
CCV		M0388	0.96799998		1.00		96.8	%	90-110	06/10/2004	1424
CCB			0.00028217							06/10/2004	1436
SB		M383D	1.15928904		1.27		91.3	%	73-127	06/10/2004	1440
MS	225155-3	M351	0.45850662		0.500	0.00264906	91.2	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.44938273	0.45850662	0.500	0.00264906	89.3	%	75-125	06/10/2004	1506
							2.0	R	20		
CCV		M0388	0.96818553		1.00		96.8	%	90-110	06/10/2004	1522
CCB			0.00017026							06/10/2004	1534
CCV		M0388	0.95362666		1.00		95.4	%	90-110	06/10/2004	1619
CCB			0.00001708							06/10/2004	1631
B			-0.0004393							06/10/2004	1658
CCV		M0388	0.95521415		1.00		95.5	%	90-110	06/10/2004	1709
CCB			0.00025439							06/10/2004	1717
MB		3010.	0.00009766							06/10/2004	1806
LCS		M351	0.45867234		0.500		91.7	%	80-120	06/10/2004	1810
MS	225204-1	M351	0.63868772		0.500	0.13303885	101.1	%	75-125	06/10/2004	1826
MSD	225204-1	M351	0.61082512	0.63868772	0.500	0.13303885	95.6	%	75-125	06/10/2004	1831
							4.5	R	20		
CCV		M0388	0.94792670		1.00		94.8	%	90-110	06/10/2004	1840
CCB			-0.0001316							06/10/2004	1852
CCV		M0388	0.93922909		1.00		93.9	%	90-110	06/10/2004	1931
CCB			-0.0000154							06/10/2004	1943
MB		3010	-0.0000167							06/10/2004	2011
LCS		M351	0.48239921		0.500		96.5	%	80-120	06/10/2004	2018
CCV		M0388	0.95577821		1.00		95.6	%	90-110	06/10/2004	2024
CCB			0.00003548							06/10/2004	2032
MS	225189-2	M351	0.48443951		0.500	-0.0002106	96.9	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.47824775	0.48443951	0.500	-0.0002106	95.7	%	75-125	06/10/2004	2102
							1.3	R	20		
CCV		M0388	0.94523123		1.00		94.5	%	90-110	06/10/2004	2119
CCB			-0.0001582							06/10/2004	2133
CCV		M0388	0.96061447		1.00		96.1	%	90-110	06/10/2004	2212
CCB			-0.0001108							06/10/2004	2224
MB		3010.	0.00002812							06/10/2004	2238
LCS		M351	0.47822719		0.500		95.6	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.47539117		0.500	0.00005646	95.1	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.47242847	0.47539117	0.500	0.00005646	94.5	%	75-125	06/10/2004	2259
							0.6	R	20		
CCV		M0388	0.92555730		1.00		92.6	%	90-110	06/10/2004	2314
CCB			-0.0000047							06/10/2004	2328

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99270645		2.00		99.6	%	90-110	06/10/2004	1125
ICV		M0368	1.01260650		1.00		101.3	%	90-110	06/10/2004	1134
ICV		M0380	0.97683084		1.00		97.7	%	90-110	06/10/2004	1143
ICB			0.00000686							06/10/2004	1157
ICB			-0.0001369							06/10/2004	1210
ICV		M0393	0.47505914		0.500		95.0	%	90-110	06/10/2004	1213
CCV		M0388	0.99760506		1.00		99.8	%	90-110	06/10/2004	1219
CCB			0.00032384							06/10/2004	1223
MB		3050	-0.0003445							06/10/2004	1244
LCS		M351	0.51268117		0.500		102.5	%	72-127	06/10/2004	1251
SB		M383D	1.95728136		2.07		94.6	%	72-127	06/10/2004	1256
CCV		M0388	0.97961569		1.00		98.0	%	90-110	06/10/2004	1327
CCB			-0.0001288							06/10/2004	1339
MS	225156-6	M351	0.57137102		0.500	0.04624057	105.0	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.53216254	0.57137102	0.500	0.04624057	97.2	%	75-125	06/10/2004	1348
							7.1	R	20		
MB		3050.	0.00024111							06/10/2004	1415
LCS		M351	0.48629603		0.500		97.3	%	72-127	06/10/2004	1419
CCV		M0388	0.97190555		1.00		97.2	%	90-110	06/10/2004	1424
CCB			-0.0001262							06/10/2004	1436
SB		M383D	1.93883981		2.07		93.7	%	72-127	06/10/2004	1440
MS	225155-3	M351	0.52871422		0.500	0.05309768	95.1	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.53250294	0.52871422	0.500	0.05309768	95.9	%	75-125	06/10/2004	1506
							0.7	R	20		
CCV		M0388	0.97485085		1.00		97.5	%	90-110	06/10/2004	1522
CCB			-0.0000338							06/10/2004	1534
CCV		M0388	0.96228897		1.00		96.2	%	90-110	06/10/2004	1619
CCB			-0.0000865							06/10/2004	1631
B			-0.0006744							06/10/2004	1658
CCV		M0388	0.96586871		1.00		96.6	%	90-110	06/10/2004	1709
CCB			0.00061417							06/10/2004	1717
MB		3010.	-0.0002630							06/10/2004	1806
LCS		M351	0.46119944		0.500		92.2	%	80-120	06/10/2004	1810
MS	225204-1	M351	0.49526061		0.500	0.00540510	98.0	%	75-125	06/10/2004	1826
MSD	225204-1	M351	0.47379960	0.49526061	0.500	0.00540510	93.7	%	75-125	06/10/2004	1831
							4.4	R	20		
CCV		M0388	0.95868401		1.00		95.9	%	90-110	06/10/2004	1840
CCB			-0.0001994							06/10/2004	1852
CCV		M0388	0.95344138		1.00		95.3	%	90-110	06/10/2004	1931
CCB			-0.0001341							06/10/2004	1943
MB		3010	0.00065574							06/10/2004	2011
LCS		M351	0.48964910		0.500		97.9	%	80-120	06/10/2004	2018
CCV		M0388	0.97063950		1.00		97.1	%	90-110	06/10/2004	2024
CCB			0.00006013							06/10/2004	2032
MS	225189-2	M351	0.49335220		0.500	0.00053429	98.6	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.48829398	0.49335220	0.500	0.00053429	97.6	%	75-125	06/10/2004	2102
							1.0	R	20		
CCV		M0388	0.96074477		1.00		96.1	%	90-110	06/10/2004	2119
CCB			-0.0002029							06/10/2004	2133
CCV		M0388	0.97285533		1.00		97.3	%	90-110	06/10/2004	2212
CCB			-0.0001911							06/10/2004	2224
MB		3010.	-0.0003144							06/10/2004	2238
LCS		M351	0.48484009		0.500		97.0	%	80-120	06/10/2004	2241

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	225176-1	M351	0.48298775		0.500	0.00404914	95.8	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.47782653	0.48298775	0.500	0.00404914	94.8	%	75-125	06/10/2004	2259
							1.1	R	20		
CCV		M0388	0.93651301		1.00		93.7	%	90-110	06/10/2004	2314
CCB			-0.0001384							06/10/2004	2328

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98826487		2.00		99.4	%	90-110	06/10/2004	1125
ICV		M0368	1.03509652		1.00		103.5	%	90-110	06/10/2004	1134
ICV		M0380	1.00144726		1.00		100.1	%	90-110	06/10/2004	1143
ICB			-0.0004330							06/10/2004	1157
ICB			0.00077102							06/10/2004	1210
ICV		M0393	0.49033743		0.500		98.1	%	90-110	06/10/2004	1213
CCV		M0388	1.00881223		1.00		100.9	%	90-110	06/10/2004	1219
CCB			0.00051617							06/10/2004	1223
MB		3050	-0.0013872							06/10/2004	1244
LCS		M351	0.50062681		0.500		100.1	%	71-129	06/10/2004	1251
SB		M383D	1.95732877		2.04		95.9	%	71-129	06/10/2004	1256
CCV		M0388	0.97426824		1.00		97.4	%	90-110	06/10/2004	1327
CCB			-0.0002178							06/10/2004	1339
MS	225156-6	M351	0.50268095		0.500	0.04012964	92.5	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.49949647	0.50268095	0.500	0.04012964	91.9	%	75-125	06/10/2004	1348
							0.6	R	20		
MB		3050.	0.00071868							06/10/2004	1415
LCS		M351	0.48190351		0.500		96.4	%	71-129	06/10/2004	1419
CCV		M0388	0.98071922		1.00		98.1	%	90-110	06/10/2004	1424
CCB			0.00051354							06/10/2004	1436
SB		M383D	1.84150276		2.04		90.3	%	71-129	06/10/2004	1440
MS	225155-3	M351	0.49446648		0.500	0.04428868	90.0	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.48638238	0.49446648	0.500	0.04428868	88.4	%	75-125	06/10/2004	1506
							1.6	R	20		
CCV		M0388	0.98072418		1.00		98.1	%	90-110	06/10/2004	1522
CCB			0.00154105							06/10/2004	1534
CCV		M0388	0.95881891		1.00		95.9	%	90-110	06/10/2004	1619
CCB			-0.0005903							06/10/2004	1631
B			0.00415745							06/10/2004	1658
CCV		M0388	0.96653378		1.00		96.7	%	90-110	06/10/2004	1709
CCB			0.00051636							06/10/2004	1717
MB		3010.	0.00154111							06/10/2004	1806
LCS		M351	0.47280627		0.500		94.6	%	80-120	06/10/2004	1810
MS	225204-1	M351	1.29220198		0.500	0.78295686	101.8	%	75-125	06/10/2004	1826
MSD	225204-1	M351	1.25345304	1.29220198	0.500	0.78295686	94.1	%	75-125	06/10/2004	1831
							3.0	R	20		
CCV		M0388	0.95419238		1.00		95.4	%	90-110	06/10/2004	1840
CCB			0.00090992							06/10/2004	1852
CCV		M0388	0.94597440		1.00		94.6	%	90-110	06/10/2004	1931
CCB			0.00037318							06/10/2004	1943

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3010	0.00082141							06/10/2004	2011
LCS		M351	0.48781056		0.500		97.6	%	80-120	06/10/2004	2018
CCV		M0388	0.96376161		1.00		96.4	%	90-110	06/10/2004	2024
CCB			0.00151968							06/10/2004	2032
MS	225189-2	M351	0.48204408		0.500	0.00372643	95.7	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.47427831	0.48204408	0.500	0.00372643	94.1	%	75-125	06/10/2004	2102
							1.6	R	20		
CCV		M0388	0.96072781		1.00		96.1	%	90-110	06/10/2004	2119
CCB			0.00130499							06/10/2004	2133
CCV		M0388	0.96742528		1.00		96.7	%	90-110	06/10/2004	2212
CCB			-0.0011214							06/10/2004	2224
MB		3010.	-0.0015198							06/10/2004	2238
LCS		M351	0.48763219		0.500		97.5	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.47811110		0.500	0.00153400	95.3	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.46341847	0.47811110	0.500	0.00153400	92.4	%	75-125	06/10/2004	2259
							3.1	R	20		
CCV		M0388	0.94431121		1.00		94.4	%	90-110	06/10/2004	2314
CCB			-0.0006972							06/10/2004	2328

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97455009		2.00		98.7	%	90-110	06/10/2004	1125
ICV		M0368	1.01476125		1.00		101.5	%	90-110	06/10/2004	1134
ICV		M0380	0.97510491		1.00		97.5	%	90-110	06/10/2004	1143
ICB			-0.0010068							06/10/2004	1157
ICB			0.00327365							06/10/2004	1210
ICV		M0393	0.48719836		0.500		97.4	%	90-110	06/10/2004	1213
CCV		M0388	0.99787986		1.00		99.8	%	90-110	06/10/2004	1219
CCB			0.00533210							06/10/2004	1223
MB		3050	0.00764503							06/10/2004	1244
LCS		M351	0.45841989		0.500		91.7	%	59-141	06/10/2004	1251
SB		M383D	0.95274135		0.996		95.7	%	59-141	06/10/2004	1256
CCV		M0388	0.95631474		1.00		95.6	%	90-110	06/10/2004	1327
CCB			0.00113136							06/10/2004	1339
MS	225156-6	M351	0.47196201		0.500	-0.0036125	95.1	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.45773794	0.47196201	0.500	-0.0036125	92.3	%	75-125	06/10/2004	1348
							3.1	R	20		
MB		3050.	-0.0045086							06/10/2004	1415
LCS		M351	0.45727843		0.500		91.5	%	59-141	06/10/2004	1419
CCV		M0388	0.96324472		1.00		96.3	%	90-110	06/10/2004	1424
CCB			0.00148727							06/10/2004	1436
SB		M383D	0.92007422		0.996		92.4	%	59-141	06/10/2004	1440
MS	225155-3	M351	0.45101018		0.500	-0.0074371	91.7	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.43617076	0.45101018	0.500	-0.0074371	88.7	%	75-125	06/10/2004	1506
							3.3	R	20		
CCV		M0388	0.97116621		1.00		97.1	%	90-110	06/10/2004	1522
CCB			-0.0027125							06/10/2004	1534
CCV		M0388	0.94235144		1.00		94.2	%	90-110	06/10/2004	1619

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00498458							06/10/2004	1631
B			-0.0029920							06/10/2004	1658
CCV		M0388	0.95650914		1.00		95.7	%	90-110	06/10/2004	1709
CCB			-0.0079023							06/10/2004	1717
MB		3010	-0.0065969							06/10/2004	1803
LCS		M351	0.46659881		0.500		93.3	%	80-120	06/10/2004	1810
MS	225204-1	M351	0.52696901		0.500	-0.0101719	107.4	%	75-125	06/10/2004	1826
MSD	225204-1	M351	0.49069984	0.52696901	0.500	-0.0101719	100.2	%	75-125	06/10/2004	1831
							7.1	R	20		
CCV		M0388	0.95155033		1.00		95.2	%	90-110	06/10/2004	1840
CCB			-0.0075982							06/10/2004	1852
CCV		M0388	0.92757231		1.00		92.8	%	90-110	06/10/2004	1931
CCB			-0.0080261							06/10/2004	1943
MB		3010	-0.0026655							06/10/2004	2011
LCS		M351	0.48026739		0.500		96.1	%	80-120	06/10/2004	2018
CCV		M0388	0.94340059		1.00		94.3	%	90-110	06/10/2004	2024
CCB			0.00320817							06/10/2004	2032
MS	225189-2	M351	0.51088181		0.500	-0.0045306	103.1	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.51901482	0.51088181	0.500	-0.0045306	104.7	%	75-125	06/10/2004	2102
							1.6	R	20		
CCV		M0388	0.93876898		1.00		93.9	%	90-110	06/10/2004	2119
CCB			0.00311054							06/10/2004	2133
CCV		M0388	0.93740241		1.00		93.7	%	90-110	06/10/2004	2212
CCB			0.00307635							06/10/2004	2224
MB		3010.	-0.0027021							06/10/2004	2238
LCS		M351	0.47152922		0.500		94.3	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.50009253		0.500	0.01980466	96.1	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.50380832	0.50009253	0.500	0.01980466	96.8	%	75-125	06/10/2004	2259
							0.7	R	20		
CCV		M0388	0.92874827		1.00		92.9	%	90-110	06/10/2004	2314
CCB			0.00565113							06/10/2004	2328

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99260350		1.0		99.3	%	90-110	06/10/2004	1125
ICV		M0369	0.96809815		1.00		96.8	%	90-110	06/10/2004	1139
ICB			0.00014149							06/10/2004	1157
ICB			-0.0004472							06/10/2004	1210
ICV		M0393	0.48280390		0.500		96.6	%	90-110	06/10/2004	1213
CCV		M0388	0.50120729		0.50		100.2	%	90-110	06/10/2004	1219
CCB			0.00182781							06/10/2004	1223
MB		3050	-0.0009541							06/10/2004	1244
LCS		M351	0.25199011		0.25		100.8	%	11-189	06/10/2004	1251
SB		M383D	1.10072141		0.953		115.5	%	11-189	06/10/2004	1256
CCV		M0388	0.49357044		0.50		98.7	%	90-110	06/10/2004	1327
CCB			-0.0010460							06/10/2004	1339
MS	225156-6	M351	0.25019184		0.25	-0.0045812	101.9	%	75-125	06/10/2004	1343
MSD	225156-6	M351	0.23853248	0.25019184	0.25	-0.0045812	97.2	%	75-125	06/10/2004	1348
							4.8	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225216 Report Date.: 06/23/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94710 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050.	-0.0003897							06/10/2004	1415
LCS		M351	0.23761128		0.25		95.0	%	11-189	06/10/2004	1419
CCV		M0388	0.48850608		0.50		97.7	%	90-110	06/10/2004	1424
CCB			0.00024123							06/10/2004	1436
SB		M383D	1.03854586		0.953		109.0	%	11-189	06/10/2004	1440
MS	225155-3	M351	0.23767566		0.25	-0.0042660	96.8	%	75-125	06/10/2004	1500
MSD	225155-3	M351	0.23296254	0.23767566	0.25	-0.0042660	94.9	%	75-125	06/10/2004	1506
							2.0	R	20		
CCV		M0388	0.48961359		0.50		97.9	%	90-110	06/10/2004	1522
CCB			0.00042288							06/10/2004	1534
CCV		M0388	0.48467186		0.50		96.9	%	90-110	06/10/2004	1619
CCB			-0.0000822							06/10/2004	1631
B			0.00028253							06/10/2004	1658
CCV		M0388	0.48499884		0.50		97.0	%	90-110	06/10/2004	1709
CCB			-0.0003892							06/10/2004	1717
MB		3010.	-0.0001333							06/10/2004	1806
LCS		M351	0.23284216		0.25		93.1	%	80-120	06/10/2004	1810
MS	225204-1	M351	0.25624108		0.25	-0.0013248	103.0	%	75-125	06/10/2004	1826
MSD	225204-1	M351	0.24354329	0.25624108	0.25	-0.0013248	97.9	%	75-125	06/10/2004	1831
							5.1	R	20		
CCV		M0388	0.48003553		0.50		96.0	%	90-110	06/10/2004	1840
CCB			0.00068376							06/10/2004	1852
CCV		M0388	0.47985470		0.50		96.0	%	90-110	06/10/2004	1931
CCB			-0.0007428							06/10/2004	1943
MB		3010	-0.0003923							06/10/2004	2011
LCS		M351	0.24593837		0.25		98.4	%	80-120	06/10/2004	2018
CCV		M0388	0.48769071		0.50		97.5	%	90-110	06/10/2004	2024
CCB			-0.0000777							06/10/2004	2032
MS	225189-2	M351	0.24719504		0.25	-0.0014390	99.5	%	75-125	06/10/2004	2057
MSD	225189-2	M351	0.24551075	0.24719504	0.25	-0.0014390	98.8	%	75-125	06/10/2004	2102
							0.7	R	20		
CCV		M0388	0.48045840		0.50		96.1	%	90-110	06/10/2004	2119
CCB			0.00001363							06/10/2004	2133
CCV		M0388	0.48922238		0.50		97.8	%	90-110	06/10/2004	2212
CCB			0.00028449							06/10/2004	2224
MB		3010.	0.00020077							06/10/2004	2238
LCS		M351	0.24426722		0.25		97.7	%	80-120	06/10/2004	2241
MS	225176-1	M351	0.24203617		0.25	-0.0004119	97.0	%	75-125	06/10/2004	2253
MSD	225176-1	M351	0.24257482	0.24203617	0.25	-0.0004119	97.2	%	75-125	06/10/2004	2259
							0.2	R	20		
CCV		M0388	0.47022735		0.50		94.0	%	90-110	06/10/2004	2314
CCB			-0.0000029							06/10/2004	2328

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 06/23/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 06/23/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 23457

CHAIN OF CUSTODY RECORD

20.0°C

Just Sampled

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Encycle RCRA Closure	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Rich Marcus, Ken Brandon	**BILLING INFORMATION**
ADDRESS: Encycle, ARCADIS	BILL TO: Rich Marcus
	ADDRESS: Encycle
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

LAB JOB NO. 225214

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: As, Ba, Cd, Cr, Pb, Hg, Se, Ag (1 pt poly w/ HNO3)	REMARKS/PRECAUTIONS
Drum Filter West	Drum Filter West	6/9/04	400	L	1 pt poly	HNO_3	1		
Drum Filter Middle	Drum ~~Mudd~~ Filter Middle	6/9/04	410	L	↓	↓	1		
Drum Filter East	Drum Filter East	6/9/04	420	L	↓	↓	1		
Field Blank	Field Blank	6/9/04	400	L	↓	↓	1		

SAMPLER: Ken Brandon

SHIPMENT METHOD: In Person

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY: Adrian E. Brown	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Adrian E. Brown	06-09-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: ARCADIS	TIME 1616	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	6/9/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1616	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

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SEVERN TRENT STL

RECEIVED
JUN 28 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 225306

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 06/24/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

6/24/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 13

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 06/24/2004

Job Number.: 225306
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225306-1	TANK 715010	Water	06/15/2004	16:00	06/15/2004	16:55
225306-2	TANK 715010 DUP	Water	06/15/2004	16:00	06/15/2004	16:55
225306-3	ROTORY DRYER	Water	06/15/2004	16:20	06/15/2004	16:55

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225306 Date: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 715010
Date Sampled.....: 06/15/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 225306-1
Date Received.....: 06/15/2004
Time Received.....: 16:55

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Barium (Ba), Total	0.07	0.01	mg/L	06/16/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.02	0.01	mg/L	06/16/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	06/16/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/16/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/16/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225306 Date: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: TANK 715010 DUP
Date Sampled.....: 06/15/2004
Time Sampled.....: 16:00
Sample Matrix.....: Water

Laboratory Sample ID: 225306-2
Date Received.....: 06/15/2004
Time Received.....: 16:55

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Barium (Ba), Total	0.07	0.01	mg/L	06/16/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.02	0.01	mg/L	06/16/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	06/16/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/16/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/16/04	hmz

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 225306 Date: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: ROTORY DRYER
Date Sampled.....: 06/15/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 225306-3
Date Received.....: 06/15/2004
Time Received.....: 16:55

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	06/16/04	edr
SW-846 6010B	Arsenic (As), Total	0.02	0.01	mg/L	06/16/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	06/16/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.14	0.01	mg/L	06/16/04	jem
SW-846 6010B	Chromium (Cr), Total	0.48	0.01	mg/L	06/16/04	jem
SW-846 6010B	Lead (Pb), Total	0.68	0.01	mg/L	06/16/04	jem
SW-846 6010B	Selenium (Se), Total	0.01	0.01	mg/L	06/16/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	06/16/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			06/16/04	hmz

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225306 Report Date.: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 94906 Analyst...: edr
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M061604HG	0.00489		0.00500		97.8	%	90-110	06/16/2004	1456
ICB			0.000014							06/16/2004	1459
LCS		M061604LG	0.00490		0.0050		98.0	%	85-115	06/16/2004	1502
MB			-0.000093							06/16/2004	1504
MS	225214-1	M061604HG	0.00507		0.00500	0.000517	91.1	%	75-125	06/16/2004	1512
MSD	225214-1	M061604HG	0.00509	0.00507	0.00500	0.000517	91.5	%	75-125	06/16/2004	1513
							0.4	R	20		
CCV		M061604HG	0.00532		0.00500		106.4	%	80-120	06/16/2004	1524
CCB			-0.000055							06/16/2004	1528
CCV		M061604HG	0.00542		0.00500		108.4	%	80-120	06/16/2004	1540
CCB			-0.000069							06/16/2004	1543

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98521813		2.00		99.3	%	90-110	06/16/2004	1628
ICV		M0368	0.98255403		1.00		98.3	%	90-110	06/16/2004	1638
ICV		M0380	0.96128043		1.00		96.1	%	90-110	06/16/2004	1647
ICB			0.00043087							06/16/2004	1713
ICV		M0393	0.46760464		0.500		93.5	%	90-110	06/16/2004	1717
CCV		M0388	0.96754056		1.00		96.8	%	90-110	06/16/2004	1722
CCB			-0.0006699							06/16/2004	1733
MB		3010	0.00084944							06/16/2004	1736
LCS		M351	0.47776931		0.500		95.6	%	80-120	06/16/2004	1743
CCV		M0388	1.02343451		1.00		102.3	%	90-110	06/16/2004	1816
CCB			0.00222317							06/16/2004	1825
MS	225310-1	M351	0.54295483		0.500	0.00654618	107.3	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.52141217	0.54295483	0.500	0.00654618	103.0	%	75-125	06/16/2004	1841
							4.0	R	20		
CCV		M0388	1.04826459		1.00		104.8	%	90-110	06/16/2004	1911
CCB			0.00096715							06/16/2004	1923

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.96754947		2.00		98.4	%	90-110	06/16/2004	1628
ICV		M0369	0.97448988		1.00		97.4	%	90-110	06/16/2004	1643
ICB			0.00010995							06/16/2004	1713
ICV		M0393	0.48268455		0.500		96.5	%	90-110	06/16/2004	1717
CCV		M0388	0.97524250		1.00		97.5	%	90-110	06/16/2004	1722
CCB			0.00023196							06/16/2004	1733
MB		3010	-0.0000988							06/16/2004	1736
LCS		M351	0.50232962		0.500		100.5	%	80-120	06/16/2004	1743
CCV		M0388	1.02645291		1.00		102.6	%	90-110	06/16/2004	1816
CCB			0.00033671							06/16/2004	1825

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225306 Report Date.: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	225310-1	M351	0.56064240		0.500	0.05119590	101.9	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.54218304	0.56064240	0.500	0.05119590	98.2	%	75-125	06/16/2004	1841
							3.3	R	20		
CCV		M0388	1.05653546		1.00		105.7	%	90-110	06/16/2004	1911
CCB			0.00027727							06/16/2004	1923

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.96467670		2.00		98.2	%	90-110	06/16/2004	1628
ICV		M0368	0.99652301		1.00		99.7	%	90-110	06/16/2004	1638
ICV		M0380	0.96594548		1.00		96.6	%	90-110	06/16/2004	1647
ICB			0.00020067							06/16/2004	1713
ICV		M0393	0.48092859		0.500		96.2	%	90-110	06/16/2004	1717
CCV		M0388	0.96843339		1.00		96.8	%	90-110	06/16/2004	1722
CCB			0.00003055							06/16/2004	1733
MB		3010	0.00000427							06/16/2004	1736
LCS		M351	0.49477126		0.500		99.0	%	80-120	06/16/2004	1743
CCV		M0388	1.01225898		1.00		101.2	%	90-110	06/16/2004	1816
CCB			0.00002424							06/16/2004	1825
MS	225310-1	M351	0.51292673		0.500	-0.0003645	102.7	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.49205816	0.51292673	0.500	-0.0003645	98.5	%	75-125	06/16/2004	1841
							4.2	R	20		
CCV		M0388	1.04372574		1.00		104.4	%	90-110	06/16/2004	1911
CCB			-0.0000284							06/16/2004	1923

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97266313		2.00		98.6	%	90-110	06/16/2004	1628
ICV		M0368	0.98987393		1.00		99.0	%	90-110	06/16/2004	1638
ICV		M0380	0.96574084		1.00		96.6	%	90-110	06/16/2004	1647
ICB			0.00007592							06/16/2004	1713
ICV		M0393	0.47663100		0.500		95.3	%	90-110	06/16/2004	1717
CCV		M0388	0.96778163		1.00		96.8	%	90-110	06/16/2004	1722
CCB			-0.0003932							06/16/2004	1733
MB		3010	-0.0005630							06/16/2004	1736
LCS		M351	0.49821012		0.500		99.6	%	80-120	06/16/2004	1743
CCV		M0388	1.01799452		1.00		101.8	%	90-110	06/16/2004	1816
CCB			-0.0003327							06/16/2004	1825
MS	225310-1	M351	0.51608480		0.500	0.00012587	103.2	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.49610734	0.51608480	0.500	0.00012587	99.2	%	75-125	06/16/2004	1841
							3.9	R	20		
CCV		M0388	1.04995829		1.00		105.0	%	90-110	06/16/2004	1911
CCB			-0.0005773							06/16/2004	1923

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225306 Report Date.: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00325455		2.00		100.2	%	90-110	06/16/2004	1628
ICV		M0368	1.00805817		1.00		100.8	%	90-110	06/16/2004	1638
ICV		M0380	0.98943684		1.00		98.9	%	90-110	06/16/2004	1647
ICB			-0.0002375							06/16/2004	1713
ICV		M0393	0.48264852		0.500		96.5	%	90-110	06/16/2004	1717
CCV		M0388	0.97879639		1.00		97.9	%	90-110	06/16/2004	1722
CCB			-0.0014430							06/16/2004	1733
MB		3010	-0.0021962							06/16/2004	1736
LCS		M351	0.48085590		0.500		96.2	%	80-120	06/16/2004	1743
CCV		M0388	1.02921638		1.00		102.9	%	90-110	06/16/2004	1816
CCB			-0.0016448							06/16/2004	1825
MS	225310-1	M351	0.51673248		0.500	0.00211448	102.9	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.49628821	0.51673248	0.500	0.00211448	98.8	%	75-125	06/16/2004	1841
							4.0	R	20		
CCV		M0388	1.06239650		1.00		106.2	%	90-110	06/16/2004	1911
CCB			-0.0018722							06/16/2004	1923

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99275048		2.00		99.6	%	90-110	06/16/2004	1628
ICV		M0368	1.00149414		1.00		100.1	%	90-110	06/16/2004	1638
ICV		M0380	0.96647853		1.00		96.6	%	90-110	06/16/2004	1647
ICB			-0.0035500							06/16/2004	1713
ICV		M0393	0.46738986		0.500		93.5	%	90-110	06/16/2004	1717
CCV		M0388	0.97076793		1.00		97.1	%	90-110	06/16/2004	1722
CCB			0.00081761							06/16/2004	1733
MB		3010	-0.0079577							06/16/2004	1736
LCS		M351	0.48999483		0.500		98.0	%	80-120	06/16/2004	1743
CCV		M0388	1.02316328		1.00		102.3	%	90-110	06/16/2004	1816
CCB			0.00383191							06/16/2004	1825
MS	225310-1	M351	0.56696720		0.500	0.01539585	110.3	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.53821824	0.56696720	0.500	0.01539585	104.6	%	75-125	06/16/2004	1841
							5.2	R	20		
CCV		M0388	1.04847578		1.00		104.8	%	90-110	06/16/2004	1911
CCB			0.00501561							06/16/2004	1923

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.98299618		1.0		98.3	%	90-110	06/16/2004	1628
ICV		M0369	0.97956574		1.00		98.0	%	90-110	06/16/2004	1643
ICB			0.00056878							06/16/2004	1713
ICV		M0393	0.47852682		0.500		95.7	%	90-110	06/16/2004	1717
CCV		M0388	0.48922965		0.50		97.8	%	90-110	06/16/2004	1722

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 225306 Report Date.: 06/24/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 94923 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0000275							06/16/2004	1733
MB		3010	0.00099920							06/16/2004	1736
LCS		M351	0.24417197		0.25		97.7	%	80-120	06/16/2004	1743
CCV		M0388	0.51429167		0.50		102.9	%	90-110	06/16/2004	1816
CCB			0.00212229							06/16/2004	1825
MS	225310-1	M351	0.26133100		0.25	0.00038413	104.4	%	75-125	06/16/2004	1835
MSD	225310-1	M351	0.25297288	0.26133100	0.25	0.00038413	101.0	%	75-125	06/16/2004	1841
							3.3	R	20		
CCV		M0388	0.52988448		0.50		106.0	%	90-110	06/16/2004	1911
CCB			0.00120778							06/16/2004	1923

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 06/24/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 06/24/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
' - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL** 11.4 just sampled on ice

No. 23458

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Encycle RCRA Closure	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Ken Brandner, Rich Marcus	BILLING INFORMATION
ADDRESS: 711 N. Carancahua	BILL TO:
Corpus Christi, TX	ADDRESS:
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

NUMBER OF CONTAINERS

ANALYSIS/METHOD REQUEST: As, Ba, Cd, Cr, Pb, Hg, Se, Ag (1 pt. poly w/ HNO_3)

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	As, Ba, Cd, Cr, Pb, Hg, Se, Ag (1 pt. poly w/ HNO_3)								REMARKS/PRECAUTIONS
Tank 715010	Tank 715010	6/15/04	16:00	L	1 pt. poly	HNO_3		1								
Tank 715010 Dup.	Tank 715010 DUP	↓	16:00	L	1 pt. poly	HNO_3		1								
Rotary Dryer	Rotary Dryer	↓	16:20	L	1 pt. poly	HNO_3		1								

SAMPLER: Ken Brandner

SHIPMENT METHOD: In Person

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY: Ken Brandner	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Ken Brandner	6/15/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Ken Brandner / ARCADIS	TIME 4:55	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [signature]	061504	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Vivian L. McDermott STL	TIME 4:55	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

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1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

SEVERN TRENT STL

OCT 0 1 2004

ANALYTICAL REPORT

JOB NUMBER: 226847

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 09/29/2004

Signature

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

9/29/04
Date

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 12

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 09/29/2004

Job Number.: 226847
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226847-1	THICKENER 3 SUMP	Water	09/22/2004	15:10	09/22/2004	16:06

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226847 Date: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: THICKENER 3 SUMP
Date Sampled.....: 09/22/2004
Time Sampled.....: 15:10
Sample Matrix.....: Water

Laboratory Sample ID: 226847-1
Date Received.....: 09/22/2004
Time Received.....: 16:06

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	09/27/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Barium (Ba), Total	0.1	0.01	mg/L	09/24/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Lead (Pb), Total	<0.015	0.015	mg/L	09/24/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	09/24/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	09/24/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			09/24/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226847 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 98575 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40927HG	0.00493		0.00500		98.6	%	90-110	09/27/2004	1321
ICB			0.000002							09/27/2004	1324
LCS		M40927LG	0.00537		0.0050		107.4	%	85-115	09/27/2004	1330
MB			-0.000196							09/27/2004	1333
MS	226846-1	M40927HG	0.00495		0.00500	-0.000312	105.2	%	75-130	09/27/2004	1344
MSD	226846-1	M40927HG	0.00516	0.00495	0.00500	-0.000312	109.4	%	75-130	09/27/2004	1347
							4.2	R	20		
MB			0.000144							09/27/2004	1356
MS	226823-1	M40927HG	0.00513		0.00500	0.000247	97.7	%	75-130	09/27/2004	1402
MSD	226823-1	M40927HG	0.00510	0.00513	0.00500	0.000247	97.1	%	75-130	09/27/2004	1405
							0.6	R	20		
CCV		M40927HG	0.00491		0.00500		98.2	%	90-110	09/27/2004	1419
CCB			-0.000128							09/27/2004	1422
MB			0.000175							09/27/2004	1425

Test Method.....: SW-846 7470A Batch.....: 98575 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40927HG	0.00493		0.00500		98.6	%	90-110	09/27/2004	1321
ICB			0.000002							09/27/2004	1324
LCS		M40927LG	0.00537		0.0050		107.4	%	85-115	09/27/2004	1330
MB			-0.000196							09/27/2004	1333
MS	226846-1	M40927HG	0.00495		0.00500	-0.000312	105.2	%	75-130	09/27/2004	1344
MSD	226846-1	M40927HG	0.00516	0.00495	0.00500	-0.000312	109.4	%	75-130	09/27/2004	1347
							4.2	R	20		
MB			0.000144							09/27/2004	1356
MS	226823-1	M40927HG	0.00513		0.00500	0.000247	97.7	%	75-130	09/27/2004	1402
MSD	226823-1	M40927HG	0.00510	0.00513	0.00500	0.000247	97.1	%	75-130	09/27/2004	1405
							0.6	R	20		
CCV		M40927HG	0.00491		0.00500		98.2	%	90-110	09/27/2004	1419
CCB			-0.000128							09/27/2004	1422
MB			0.000175							09/27/2004	1425

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01128004		2.00		100.6	%	90-110	09/24/2004	1944
ICV		M0368	1.00255331		1.00		100.3	%	90-110	09/24/2004	1953
ICV		M0380	0.99664276		1.00		99.7	%	90-110	09/24/2004	2002
ICB			0.00319886							09/24/2004	2016
ICB			-0.0019858							09/24/2004	2028
ICV		M0393	0.48822962		0.500		97.6	%	90-110	09/24/2004	2032
CCV		M0388	0.98757858		1.00		98.8	%	90-110	09/24/2004	2037
CCB			-0.0020271							09/24/2004	2050
CCV		M0388	0.99389592		1.00		99.4	%	90-110	09/24/2004	2136

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226847 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0005103							09/24/2004	2148
MB		3010	-0.0031857							09/24/2004	2152
LCS		M351	0.51386901		0.500		102.8	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.52333741		0.500	-0.0302480	110.7	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.53242089	0.52333741	0.500	-0.0302480	112.5	%	75-125	09/24/2004	2219
							1.7	R	20		
CCV		M0388	0.99482909		1.00		99.5	%	90-110	09/24/2004	2240
CCB			-0.0034506							09/24/2004	2252
CCV		M0388	0.97720401		1.00		97.7	%	90-110	09/24/2004	2331
CCB			-0.0029914							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99632417		2.00		99.8	%	90-110	09/24/2004	1944
ICV		M0369	1.03669562		1.00		103.7	%	90-110	09/24/2004	1958
ICB			-0.0002853							09/24/2004	2016
ICB			-0.0003098							09/24/2004	2028
ICV		M0393	0.48912149		0.500		97.8	%	90-110	09/24/2004	2032
CCV		M0388	0.98744104		1.00		98.7	%	90-110	09/24/2004	2037
CCB			-0.0002654							09/24/2004	2050
CCV		M0388	0.98735020		1.00		98.7	%	90-110	09/24/2004	2136
CCB			-0.0003103							09/24/2004	2148
MB		3010	-0.0003771							09/24/2004	2152
LCS		M351	0.51344420		0.500		102.7	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.55537808		0.500	0.06651679	97.8	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.55918609	0.55537808	0.500	0.06651679	98.5	%	75-125	09/24/2004	2219
							0.7	R	20		
CCV		M0388	0.99087518		1.00		99.1	%	90-110	09/24/2004	2240
CCB			-0.0003723							09/24/2004	2252
CCV		M0388	0.98884319		1.00		98.9	%	90-110	09/24/2004	2331
CCB			-0.0002603							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00844884		2.00		100.4	%	90-110	09/24/2004	1944
ICV		M0368	1.00848131		1.00		100.8	%	90-110	09/24/2004	1953
ICV		M0380	0.99839386		1.00		99.8	%	90-110	09/24/2004	2002
ICB			0.00014042							09/24/2004	2016
ICB			-0.0000204							09/24/2004	2028
ICV		M0393	0.49569523		0.500		99.1	%	90-110	09/24/2004	2032
CCV		M0388	0.99009387		1.00		99.0	%	90-110	09/24/2004	2037
CCB			-0.0000155							09/24/2004	2050
CCV		M0388	0.98840525		1.00		98.8	%	90-110	09/24/2004	2136

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226847 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0001126							09/24/2004	2148
MB		3010	-0.0000960							09/24/2004	2152
LCS		M351	0.50933893		0.500		101.9	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.52917719		0.500	0.00321585	105.2	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.53443010	0.52917719	0.500	0.00321585	106.2	%	75-125	09/24/2004	2219
							1.0	R	20		
CCV		M0388	0.99313959		1.00		99.3	%	90-110	09/24/2004	2240
CCB			0.00001510							09/24/2004	2252
CCV		M0388	0.98475465		1.00		98.5	%	90-110	09/24/2004	2331
CCB			-0.0001108							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00319213		2.00		100.2	%	90-110	09/24/2004	1944
ICV		M0368	0.99627914		1.00		99.6	%	90-110	09/24/2004	1953
ICV		M0380	0.99086457		1.00		99.1	%	90-110	09/24/2004	2002
ICB			-0.0002049							09/24/2004	2016
ICB			-0.0002040							09/24/2004	2028
ICV		M0393	0.48165480		0.500		96.3	%	90-110	09/24/2004	2032
CCV		M0388	0.98191442		1.00		98.2	%	90-110	09/24/2004	2037
CCB			-0.0001693							09/24/2004	2050
CCV		M0388	0.98424044		1.00		98.4	%	90-110	09/24/2004	2136
CCB			-0.0000181							09/24/2004	2148
MB		3010	-0.0004308							09/24/2004	2152
LCS		M351	0.51179086		0.500		102.4	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.51390975		0.500	0.00687179	101.4	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.51458511	0.51390975	0.500	0.00687179	101.5	%	75-125	09/24/2004	2219
							0.1	R	20		
CCV		M0388	0.99040861		1.00		99.0	%	90-110	09/24/2004	2240
CCB			0.00017542							09/24/2004	2252
CCV		M0388	0.98460852		1.00		98.5	%	90-110	09/24/2004	2331
CCB			-0.0001719							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02318351		2.00		101.2	%	90-110	09/24/2004	1944
ICV		M0368	1.03610154		1.00		103.6	%	90-110	09/24/2004	1953
ICV		M0380	1.02314608		1.00		102.3	%	90-110	09/24/2004	2002
ICB			-0.0003562							09/24/2004	2016
ICB			-0.0003914							09/24/2004	2028
ICV		M0393	0.50605703		0.500		101.2	%	90-110	09/24/2004	2032
CCV		M0388	0.98935999		1.00		98.9	%	90-110	09/24/2004	2037
CCB			0.00046646							09/24/2004	2050

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226847 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	-0.0004482							09/24/2004	2053
LCS		M351	0.48386966		0.500		96.8	%	71-129	09/24/2004	2100
LCS		M383D	1.86618311		2.04		91.5	%	71-129	09/24/2004	2106
MS	226644-1	M351	0.52754688		0.500	0.08712843	88.1	%	75-125	09/24/2004	2125
MSD	226644-1	M351	0.53619517	0.52754688	0.500	0.08712843	89.8	%	75-125	09/24/2004	2131
							1.6	R	20		
CCV		M0388	0.99597340		1.00		99.6	%	90-110	09/24/2004	2136
CCB			-0.0003893							09/24/2004	2148
MB		3010	0.00028147							09/24/2004	2152
LCS		M351	0.52146130		0.500		104.3	%	80-120	09/24/2004	2159
MS	226823-1	M351	2.81233287		0.500	2.32093081	98.3	%	75-125	09/24/2004	2213
MSD	226823-1	M351	2.85347392	2.81233287	0.500	2.32093081	106.5	%	75-125	09/24/2004	2219
							1.5	R	20		
CCV		M0388	1.00280304		1.00		100.3	%	90-110	09/24/2004	2240
CCB			-0.0001610							09/24/2004	2252
CCV		M0388	0.98364894		1.00		98.4	%	90-110	09/24/2004	2331
CCB			-0.0012556							09/24/2004	2343

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02810501		2.00		101.4	%	90-110	09/24/2004	1944
ICV		M0368	1.02426186		1.00		102.4	%	90-110	09/24/2004	1953
ICV		M0380	1.01147376		1.00		101.1	%	90-110	09/24/2004	2002
ICB			0.00007342							09/24/2004	2016
ICB			0.00205126							09/24/2004	2028
ICV		M0393	0.49149313		0.500		98.3	%	90-110	09/24/2004	2032
CCV		M0388	0.97889827		1.00		97.9	%	90-110	09/24/2004	2037
CCB			-0.0020859							09/24/2004	2050
CCV		M0388	0.97792798		1.00		97.8	%	90-110	09/24/2004	2136
CCB			0.00612885							09/24/2004	2148
MB		3010	-0.0007003							09/24/2004	2152
LCS		M351	0.49078138		0.500		98.2	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.51278847		0.500	-0.0005076	102.7	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.52554039	0.51278847	0.500	-0.0005076	105.2	%	75-125	09/24/2004	2219
							2.5	R	20		
CCV		M0388	0.98086346		1.00		98.1	%	90-110	09/24/2004	2240
CCB			-0.0000377							09/24/2004	2252
CCV		M0388	0.95328949		1.00		95.3	%	90-110	09/24/2004	2331
CCB			-0.0007423							09/24/2004	2343

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226847 Report Date.: 09/29/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98533 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99982327		1.0		100.0	%	90-110	09/24/2004	1944
ICV		M0369	1.05251076		1.00		105.3	%	90-110	09/24/2004	1958
ICB			0.00045567							09/24/2004	2016
ICB			0.00032065							09/24/2004	2028
ICV		M0393	0.49080823		0.500		98.2	%	90-110	09/24/2004	2032
CCV		M0388	0.49270229		0.50		98.5	%	90-110	09/24/2004	2037
CCB			0.00017273							09/24/2004	2050
CCV		M0388	0.49597562		0.50		99.2	%	90-110	09/24/2004	2136
CCB			0.00145302							09/24/2004	2148
MB		3010	0.00012259							09/24/2004	2152
LCS		M351	0.25439867		0.25		101.8	%	80-120	09/24/2004	2159
MS	226823-1	M351	0.27115471		0.25	0.00104089	108.0	%	75-125	09/24/2004	2213
MSD	226823-1	M351	0.27177645	0.27115471	0.25	0.00104089	108.3	%	75-125	09/24/2004	2219
							0.2	R	20		
CCV		M0388	0.49841784		0.50		99.7	%	90-110	09/24/2004	2240
CCB			0.00070782							09/24/2004	2252
CCV		M0388	0.49448171		0.50		98.9	%	90-110	09/24/2004	2331
CCB			-0.0002894							09/24/2004	2343

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND = Not detected at a value greater than the reporting limit
TNTC = Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB Method Blank
ICB Initial Calibration Blank
CCB Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS Method (Matrix) Spike
MSD Method (Matrix) Spike Duplicate
PDS Post Digestion/Distillation Spike
SB Spiked Blank
SBD Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS Laboratory Control Standard
RS Reference Standard
ICV Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/29/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 23049 1.4°C

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS	PROJECT NAME/NUMBER: Encinio RCRA Closure
SEND REPORT TO: Ken Brandon / Rich Marcus	**BILLING INFORMATION**
ADDRESS: 711 N. Carancahua Corpus Christi, TX 78475	BILL TO: Rich Marcus ADDRESS:
PHONE: 361-887-1753	PHONE:
FAX: 361-883-7565	FAX: PO NO:

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Total As, Ba, Cd, Cr, Pb, Hg Se, Ag	REMARKS/PRECAUTIONS
Thickener 3 Sump	Thickener 3 Sump	9/22/04	1510	L	1pt. poly	HNO_3	1	X	Normal turnaround Invoice to Rich Marcus for RCRA Closure

LAB JOB NO. 226847

SAMPLER: Ken Brandon SHIPMENT METHOD: In Person AIRBILL NO.: NA

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Ken Brandon	9/22/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: ARCADIS	TIME 1606	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Christie Smith	9/22/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1606	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

RECEIVED
SEP 15 2004
BY:

ANALYTICAL REPORT

JOB NUMBER: 226438

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 09/13/2004

Signature

9/13/04
Date

Name: Chip Meador

Title: Laboratory Director

E-Mail: cmeador@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 18

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 09/13/2004

Job Number.: 226438
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: ENCYLE RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226438-1	FAC 2 NW FLOOR	Water	08/26/2004	15:00	08/26/2004	15:35
226438-2	FAC 2 NORTH SUMP	Water	08/26/2004	14:45	08/26/2004	15:35
226438-3	FAC 2 NORTH SUMP DUP	Water	08/26/2004	14:45	08/26/2004	15:35
226438-4	FIELD BLANK	Water	08/26/2004	15:05	08/26/2004	15:35
226438-5	FAC 2 SW FLOOR	Water	08/26/2004	15:20	08/26/2004	15:35

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226438 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 NW FLOOR
Date Sampled.....: 08/26/2004
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 226438-1
Date Received.....: 08/26/2004
Time Received.....: 15:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/27/04	ac
SW-846 6010B	Arsenic (As), Total	0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Barium (Ba), Total	0.12	0.01	mg/L	08/27/04	jem
SW-846 6010B	Cadmium (Cd), Total	0.03	0.01	mg/L	08/27/04	jem
SW-846 6010B	Chromium (Cr), Total	0.02	0.01	mg/L	08/27/04	jem
SW-846 6010B	Lead (Pb), Total	0.45	0.01	mg/L	08/27/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226438 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 NORTH SUMP
Date Sampled.....: 08/26/2004
Time Sampled.....: 14:45
Sample Matrix.....: Water

Laboratory Sample ID: 226438-2
Date Received.....: 08/26/2004
Time Received.....: 15:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/27/04	ac
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	08/27/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	08/27/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226438 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 NORTH SUMP DUP
Date Sampled.....: 08/26/2004
Time Sampled.....: 14:45
Sample Matrix.....: Water

Laboratory Sample ID: 226438-3
Date Received.....: 08/26/2004
Time Received.....: 15:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/27/04	ac
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Barium (Ba), Total	0.10	0.01	mg/L	08/27/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Lead (Pb), Total	0.02	0.01	mg/L	08/27/04	jem
SW-846 6010B	Selenium (Se), Total	0.02	0.01	mg/L	08/27/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226438 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FIELD BLANK
Date Sampled.....: 08/26/2004
Time Sampled.....: 15:05
Sample Matrix.....: Water

Laboratory Sample ID: 226438-4
Date Received.....: 08/26/2004
Time Received.....: 15:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/27/04	ac
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Barium (Ba), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226438 Date: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 SW FLOOR
Date Sampled.....: 08/26/2004
Time Sampled.....: 15:20
Sample Matrix.....: Water

Laboratory Sample ID: 226438-5
Date Received.....: 08/26/2004
Time Received.....: 15:35

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	08/27/04	ac
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Barium (Ba), Total	0.12	0.01	mg/L	08/27/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	08/27/04	jem
SW-846 6010B	Lead (Pb), Total	0.05	0.01	mg/L	08/27/04	jem
SW-846 6010B	Selenium (Se), Total	0.02	0.01	mg/L	08/27/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	08/27/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate, Total	Complete			08/27/04	cdt

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 97568 Analyst...: ac
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M082704HG	0.0051		0.00500		102.6	%	90-110	08/27/2004	1200
ICB			0.000638							08/27/2004	1214
LCS		M082704LG	0.00458		0.0050		91.6	%	85-115	08/27/2004	1227
MB			-0.000748							08/27/2004	1234
MS	226440-1	M082704LG	0.00474		0.0050	0.000221	90.4	%	70-130	08/27/2004	1248
CCV		M082704HG	0.0058		0.00500		116.0	%	90-110	08/27/2004	1403
CCB			-0.000016							08/27/2004	1417
MS	226421-2	M082704LG	0.00484		0.0050	0.000568	85.4	%	70-130	08/27/2004	1451
MSD	226421-2	M082704LG	0.00486	0.00484	0.0050	0.000568	85.8	%	70-130	08/27/2004	1458
							0.4	R	20		
CCV		M082704HG	0.00529		0.00500		105.8	%	90-110	08/27/2004	1512
CCB			-0.000182							08/27/2004	1519

Test Method.....: SW-846 7470A Batch.....: 97568 Analyst...: ac
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HGL
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M082704HG	0.00513		0.00500		102.6	%	90-110	08/27/2004	1200
ICB			-0.000215							08/27/2004	1207
LCS		M082704LG	0.00458		0.0050		91.6	%	85-115	08/27/2004	1227
MB			0.000748							08/27/2004	1234
MS	226440-1	M082704LG	0.00474		0.0050	0.000221	90.4	%	70-130	08/27/2004	1248
CCV		M082704HG	0.0058		0.00500		116.0	%	90-110	08/27/2004	1403
CCB			0.000016							08/27/2004	1417
MS	226421-2	M082704LG	0.00484		0.0050	0.000568	85.4	%	70-130	08/27/2004	1451
MSD	226421-2	M082704LG	0.00486	0.00484	0.0050	0.000568	85.8	%	70-130	08/27/2004	1458
							0.4	R	20		
CCV		M082704HG	0.00529		0.00500		105.8	%	90-110	08/27/2004	1512
CCB			0.000182							08/27/2004	1519

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00345897		2.00		100.2	%	90-110	08/27/2004	1343
ICV		M0368	1.00290214		1.00		100.3	%	90-110	08/27/2004	1352
ICV		M0380	1.00517705		1.00		100.5	%	90-110	08/27/2004	1401
ICB			0.00567677							08/27/2004	1427
ICV		M0393	0.49732463		0.500		99.5	%	90-110	08/27/2004	1430
CCV		M0388	1.00824968		1.00		100.8	%	90-110	08/27/2004	1436
CCB			-0.0065825							08/27/2004	1448
CCV		M0388	1.02485108		1.00		102.5	%	90-110	08/27/2004	1535
CCB			0.00897253							08/27/2004	1543
MB		3010	0.00400649							08/27/2004	1831
LCS		M351	0.50212806		0.500		100.4	%	80-120	08/27/2004	1838
CCV		M0388	1.02303284		1.00		102.3	%	90-110	08/27/2004	1843
CCB			0.00745840							08/27/2004	1852

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226421-2	M351	0.51802926		0.500	-0.0137341	106.4	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.50149024	0.51802926	0.500	-0.0137341	103.0	%	75-125	08/27/2004	1913
							3.2	R	20		
CCV		M0388	0.99359820		1.00		99.4	%	90-110	08/27/2004	1945
CCB			0.00259469							08/27/2004	1953
MS	226438-5	M351	0.51954632		0.500	0.00189699	103.5	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.51923066	0.51954632	0.500	0.00189699				08/27/2004	2023
MB		3050.	0.00533640							08/27/2004	2040
CCV		M0388	1.02482858		1.00		102.5	%	90-110	08/27/2004	2043
CCB			0.00832996							08/27/2004	2049
LCS		M351	0.52317112		0.500		104.6	%	66-134	08/27/2004	2059
MS	226299-2	M351	0.51147580		0.500	0.04081481	94.1	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.51793986	0.51147580	0.500	0.04081481	95.4	%	75-125	08/27/2004	2125
							1.3	R	20		
MB		3051	0.00656430							08/27/2004	2133
LCS		M351	0.51149488		0.500		102.3	%	80-120	08/27/2004	2140
CCV		M0388	1.03112193		1.00		103.1	%	90-110	08/27/2004	2146
CCB			0.00988952							08/27/2004	2158
MS	226339-2	M351	0.50973240		0.500	-0.0021696	102.4	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.48478446	0.50973240	0.500	-0.0021696	97.4	%	75-125	08/27/2004	2210
							5.0	R	20		
CCV		M0388	1.03488465		1.00		103.5	%	90-110	08/27/2004	2222
CCB			0.00474320							08/27/2004	2234

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99447362		2.00		99.7	%	90-110	08/27/2004	1343
ICV		M0369	0.97509597		1.00		97.5	%	90-110	08/27/2004	1357
ICB			-0.0000971							08/27/2004	1427
ICV		M0393	0.50286754		0.500		100.6	%	90-110	08/27/2004	1430
CCV		M0388	1.00611714		1.00		100.6	%	90-110	08/27/2004	1436
CCB			-0.0004989							08/27/2004	1448
CCV		M0388	1.00150762		1.00		100.2	%	90-110	08/27/2004	1535
CCB			-0.0003317							08/27/2004	1547
MB		3010	-0.0002018							08/27/2004	1831
LCS		M351	0.48999925		0.500		98.0	%	80-120	08/27/2004	1838
CCV		M0388	0.99510722		1.00		99.5	%	90-110	08/27/2004	1843
CCB			-0.0006124							08/27/2004	1852
MS	226421-2	M351	0.70138285		0.500	0.24802252	90.7	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.71409563	0.70138285	0.500	0.24802252	93.2	%	75-125	08/27/2004	1913
							1.8	R	20		
CCV		M0388	0.99290262		1.00		99.3	%	90-110	08/27/2004	1945
CCB			-0.0004033							08/27/2004	1953
MS	226438-5	M351	0.62470963		0.500	0.12230701	100.5	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.60739757	0.62470963	0.500	0.12230701				08/27/2004	2023
MB		3050.	0.00634225							08/27/2004	2040
CCV		M0388	0.99735696		1.00		99.7	%	90-110	08/27/2004	2043
CCB			-0.0002425							08/27/2004	2049

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.49601952		0.500		99.2	%	58-142	08/27/2004	2059
MS	226299-2	M351	1.07220475		0.500	0.45630627	123.2	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.74116955	1.07220475	0.500	0.45630627	57.0	%	75-125	08/27/2004	2125
							36.5	R	20		
MB		3051	-0.0001410							08/27/2004	2133
LCS		M351	0.50457915		0.500		100.9	%	80-120	08/27/2004	2140
CCV		M0388	0.99572718		1.00		99.6	%	90-110	08/27/2004	2146
CCB			-0.0000330							08/27/2004	2158
MS	226339-2	M351	0.50394145		0.500	0.00214673	100.4	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.47350067	0.50394145	0.500	0.00214673	94.3	%	75-125	08/27/2004	2210
							6.2	R	20		
CCV		M0388	0.99019474		1.00		99.0	%	90-110	08/27/2004	2222
CCB			-0.0002795							08/27/2004	2234

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00277246		2.00		100.1	%	90-110	08/27/2004	1343
ICV		M0368	0.99442838		1.00		99.4	%	90-110	08/27/2004	1352
ICV		M0380	1.00438697		1.00		100.4	%	90-110	08/27/2004	1401
ICB			-0.0000606							08/27/2004	1427
ICV		M0393	0.49905832		0.500		99.8	%	90-110	08/27/2004	1430
CCV		M0388	1.00124959		1.00		100.1	%	90-110	08/27/2004	1436
CCB			-0.0002953							08/27/2004	1448
CCV		M0388	0.99953028		1.00		100.0	%	90-110	08/27/2004	1535
CCB			-0.0001335							08/27/2004	1547
MB		3010	-0.0001610							08/27/2004	1831
LCS		M351	0.48840631		0.500		97.7	%	80-120	08/27/2004	1838
CCV		M0388	0.99541298		1.00		99.5	%	90-110	08/27/2004	1843
CCB			0.00015232							08/27/2004	1852
MS	226421-2	M351	0.51599195		0.500	0.02553264	98.1	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.51578570	0.51599195	0.500	0.02553264	98.1	%	75-125	08/27/2004	1913
							0.0	R	20		
CCV		M0388	0.99928343		1.00		99.9	%	90-110	08/27/2004	1945
CCB			0.00050837							08/27/2004	1953
MS	226438-5	M351	0.51051495		0.500	0.00981507	100.1	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.50257759	0.51051495	0.500	0.00981507				08/27/2004	2023
MB		3050.	0.00031645							08/27/2004	2040
CCV		M0388	1.01126638		1.00		101.1	%	90-110	08/27/2004	2043
CCB			0.00011934							08/27/2004	2049
LCS		M351	0.49254105		0.500		98.5	%	73-127	08/27/2004	2059
MS	226299-2	M351	0.46611064		0.500	0.00217067	92.8	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.43953580	0.46611064	0.500	0.00217067	87.5	%	75-125	08/27/2004	2125
							5.9	R	20		
MB		3051	0.00043726							08/27/2004	2133
LCS		M351	0.50211608		0.500		100.4	%	80-120	08/27/2004	2140
CCV		M0388	1.00359637		1.00		100.4	%	90-110	08/27/2004	2146
CCB			0.00019766							08/27/2004	2158
MS	226339-2	M351	0.49491535		0.500	0.00017787	98.9	%	75-125	08/27/2004	2204

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226339-2	M351	0.46978219	0.49491535	0.500	0.00017787	93.9	%	75-125	08/27/2004	2210
							5.2	R	20		
CCV		M0388	0.99998735		1.00		100.0	%	90-110	08/27/2004	2222
CCB			0.00004078							08/27/2004	2234

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99820997		2.00		99.9	%	90-110	08/27/2004	1343
ICV		M0368	0.98753482		1.00		98.8	%	90-110	08/27/2004	1352
ICV		M0380	0.99612453		1.00		99.6	%	90-110	08/27/2004	1401
ICB			0.00053838							08/27/2004	1427
ICV		M0393	0.49375772		0.500		98.8	%	90-110	08/27/2004	1430
CCV		M0388	1.00606445		1.00		100.6	%	90-110	08/27/2004	1436
CCB			0.00058541							08/27/2004	1448
CCV		M0388	0.99948376		1.00		99.9	%	90-110	08/27/2004	1535
CCB			0.00086843							08/27/2004	1547
MB		3010	0.00086506							08/27/2004	1831
LCS		M351	0.49055962		0.500		98.1	%	80-120	08/27/2004	1838
CCV		M0388	0.99636438		1.00		99.6	%	90-110	08/27/2004	1843
CCB			0.00067542							08/27/2004	1852
MS	226421-2	M351	27.6554596		0.500	27.5996153	11.2	%	75-125	08/27/2004	1907
MSD	226421-2	M351	28.1097697	27.6554596	0.500	27.5996153	102.0	%	75-125	08/27/2004	1913
							1.6	R	20		
CCV		M0388	0.99676792		1.00		99.7	%	90-110	08/27/2004	1945
CCB			0.00168598							08/27/2004	1953
MS	226438-5	M351	0.50267276		0.500	0.00153729	100.2	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.49657240	0.50267276	0.500	0.00153729				08/27/2004	2023
MB		3050.	0.00383445							08/27/2004	2040
CCV		M0388	1.00537737		1.00		100.5	%	90-110	08/27/2004	2043
CCB			0.00249037							08/27/2004	2049
LCS		M351	0.49789812		0.500		99.6	%	72-127	08/27/2004	2059
MB		3051	0.00084741							08/27/2004	2133
LCS		M351	0.51287060		0.500		102.6	%	80-120	08/27/2004	2140
CCV		M0388	1.00313476		1.00		100.3	%	90-110	08/27/2004	2146
CCB			0.00062558							08/27/2004	2158
MS	226339-2	M351	0.50587330		0.500	0.00239153	100.7	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.47771847	0.50587330	0.500	0.00239153	95.1	%	75-125	08/27/2004	2210
							5.7	R	20		
CCV		M0388	1.00183915		1.00		100.2	%	90-110	08/27/2004	2222
CCB			0.00084860							08/27/2004	2234

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02269662		2.00		101.1	%	90-110	08/27/2004	1343
ICV		M0368	1.01996591		1.00		102.0	%	90-110	08/27/2004	1352
ICV		M0380	1.02070493		1.00		102.1	%	90-110	08/27/2004	1401
ICB			-0.0012064							08/27/2004	1427
ICV		M0393	0.50189210		0.500		100.4	%	90-110	08/27/2004	1430
CCV		M0388	1.00370036		1.00		100.4	%	90-110	08/27/2004	1436
CCB			-0.0002704							08/27/2004	1448
CCV		M0388	1.00642697		1.00		100.6	%	90-110	08/27/2004	1535
CCB			-0.0023798							08/27/2004	1547
MB		3010	-0.0021987							08/27/2004	1831
LCS		M351	0.49395925		0.500		98.8	%	80-120	08/27/2004	1838
CCV		M0388	0.99954569		1.00		100.0	%	90-110	08/27/2004	1843
CCB			-0.0027943							08/27/2004	1852
MS	226421-2	M351	0.45752443		0.500	0.00380911	90.7	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.47192907	0.45752443	0.500	0.00380911	93.6	%	75-125	08/27/2004	1913
							3.1	R	20		
CCV		M0388	0.98261994		1.00		98.3	%	90-110	08/27/2004	1945
CCB			-0.0024619							08/27/2004	1953
MS	226438-5	M351	0.52801340		0.500	0.04734933	96.1	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.52643897	0.52801340	0.500	0.04734933				08/27/2004	2023
MB		3050.	-0.0022641							08/27/2004	2040
CCV		M0388	0.99010465		1.00		99.0	%	90-110	08/27/2004	2043
CCB			0.00028503							08/27/2004	2049
LCS		M351	0.50395803		0.500		100.8	%	71-129	08/27/2004	2059
MS	226299-2	M351	0.51834601		0.500	0.05410232	92.8	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.49545875	0.51834601	0.500	0.05410232	88.3	%	75-125	08/27/2004	2125
							4.5	R	20		
MB		3051	-0.0010737							08/27/2004	2133
LCS		M351	0.50840880		0.500		101.7	%	80-120	08/27/2004	2140
CCV		M0388	1.01158547		1.00		101.2	%	90-110	08/27/2004	2146
CCB			-0.0044639							08/27/2004	2158
MS	226339-2	M351	0.50637933		0.500	-0.0023994	101.8	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.48130597	0.50637933	0.500	-0.0023994	96.7	%	75-125	08/27/2004	2210
							5.1	R	20		
CCV		M0388	1.01233186		1.00		101.2	%	90-110	08/27/2004	2222
CCB			-0.0020286							08/27/2004	2234

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.05278987		2.00		102.6	%	90-110	08/27/2004	1343
ICV		M0368	1.03238905		1.00		103.2	%	90-110	08/27/2004	1352
ICV		M0380	1.05147315		1.00		105.1	%	90-110	08/27/2004	1401
ICB			0.00036733							08/27/2004	1427
ICV		M0393	0.48232280		0.500		96.5	%	90-110	08/27/2004	1430
CCV		M0388	1.00569555		1.00		100.6	%	90-110	08/27/2004	1436
CCB			0.00016222							08/27/2004	1448
CCV		M0388	1.01783494		1.00		101.8	%	90-110	08/27/2004	1535
CCB			0.01441852							08/27/2004	1547

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3010.	0.00767248							08/27/2004	1834
LCS		M351	0.51735017		0.500		103.5	%	80-120	08/27/2004	1838
CCV		M0388	1.02661044		1.00		102.7	%	90-110	08/27/2004	1843
CCB			0.00442005							08/27/2004	1852
MS	226421-2	M351	0.58002833		0.500	0.06516343	103.0	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.56580471	0.58002833	0.500	0.06516343	100.1	%	75-125	08/27/2004	1913
							2.5	R	20		
CCV		M0388	0.98698398		1.00		98.7	%	90-110	08/27/2004	1945
CCB			0.00177605							08/27/2004	1953
MS	226438-5	M351	0.51067300		0.500	0.01996824	98.1	%	75-125	08/27/2004	2017
MSD	226438-5	M351	0.51226009	0.51067300	0.500	0.01996824				08/27/2004	2023
MB		3050.	-0.0075169							08/27/2004	2040
CCV		M0388	1.04831292		1.00		104.8	%	90-110	08/27/2004	2043
CCB			0.00224663							08/27/2004	2049
LCS		M351	0.50599267		0.500		101.2	%	59-141	08/27/2004	2059
MS	226299-2	M351	0.46721645		0.500	0.01212801	91.0	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.41961923	0.46721645	0.500	0.01212801	81.5	%	75-125	08/27/2004	2125
							10.7	R	20		
MB		3051	0.00152417							08/27/2004	2133
LCS		M351	0.50848674		0.500		101.7	%	80-120	08/27/2004	2140
CCV		M0388	1.02834071		1.00		102.8	%	90-110	08/27/2004	2146
CCB			-0.0040900							08/27/2004	2158
MS	226339-2	M351	0.51095591		0.500	0.02183343	97.8	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.47737704	0.51095591	0.500	0.02183343	91.1	%	75-125	08/27/2004	2210
							6.8	R	20		
CCV		M0388	1.04682591		1.00		104.7	%	90-110	08/27/2004	2222
CCB			-0.0055541							08/27/2004	2234

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99792674		1.0		99.8	%	90-110	08/27/2004	1343
ICV		M0369	0.97670466		1.00		97.7	%	90-110	08/27/2004	1357
ICB			-0.0034117							08/27/2004	1427
ICV		M0393	0.50331559		0.500		100.7	%	90-110	08/27/2004	1430
CCV		M0388	0.49832228		0.50		99.7	%	90-110	08/27/2004	1436
CCB			-0.0025311							08/27/2004	1448
CCV		M0388	0.49879768		0.50		99.8	%	90-110	08/27/2004	1535
CCB			-0.0004879							08/27/2004	1547
MB		3010	-0.0012885							08/27/2004	1831
LCS		M351	0.23867787		0.25		95.5	%	80-120	08/27/2004	1838
CCV		M0388	0.49961135		0.50		99.9	%	90-110	08/27/2004	1843
CCB			-0.0017201							08/27/2004	1852
MS	226421-2	M351	0.26168109		0.25	-0.0095115	108.5	%	75-125	08/27/2004	1907
MSD	226421-2	M351	0.25590881	0.26168109	0.25	-0.0095115	106.2	%	75-125	08/27/2004	1913
							2.2	R	20		
CCV		M0388	0.50219443		0.50		100.4	%	90-110	08/27/2004	1945
CCB			-0.0002187							08/27/2004	1953
MS	226438-5	M351	0.24727548		0.25	-0.0011022	99.4	%	75-125	08/27/2004	2017

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226438 Report Date.: 09/13/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97573 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226438-5	M351	0.24571416	0.24727548	0.25	-0.0011022				08/27/2004	2023
MB		3050.	-0.0000906							08/27/2004	2040
CCV		M0388	0.50794050		0.50		101.6	%	90-110	08/27/2004	2043
CCB			-0.0010790							08/27/2004	2049
LCS		M351	0.24182612		0.25		96.7	%	11-189	08/27/2004	2059
MS	226299-2	M351	0.23567177		0.25	-0.0049077	96.2	%	75-125	08/27/2004	2120
MSD	226299-2	M351	0.22473941	0.23567177	0.25	-0.0049077	91.9	%	75-125	08/27/2004	2125
							4.7	R	20		
MB		3051	-0.0037739							08/27/2004	2133
LCS		M351	0.24932240		0.25		99.7	%	80-120	08/27/2004	2140
CCV		M0388	0.50485821		0.50		101.0	%	90-110	08/27/2004	2146
CCB			-0.0036252							08/27/2004	2158
MS	226339-2	M351	0.24599207		0.25	-0.0033191	99.7	%	75-125	08/27/2004	2204
MSD	226339-2	M351	0.23308002	0.24599207	0.25	-0.0033191	94.6	%	75-125	08/27/2004	2210
							5.4	R	20		
CCV		M0388	0.50161854		0.50		100.3	%	90-110	08/27/2004	2222
CCB			-0.0029083							08/27/2004	2234

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/13/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/13/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
' - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 25959

Client Delivered 6.0°C

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / Encycle	PROJECT NAME/NUMBER: Encycle RCRA Closure
SEND REPORT TO: Ken Brandner & Rich Marcus	**BILLING INFORMATION**
ADDRESS: 711 N. Carancahua Corpus Christi, TX 78475	BILL TO: Rich Marcus
	ADDRESS:
PHONE: 361-883-1353	PHONE:
FAX: 361-883-7565	FAX: PO NO:

LAB JOB NO. 326438

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Total As, Ba, Cd, Cr, Pb, Hg, Se, Ag	REMARKS/PRECAUTIONS
Fac 2 NW Floor	Fac 2 NW Floor	8/26/04	1500	L	1qt. poly	HNO_3	1	X	
Fac 2 North Sump	Fac 2 North Sump		1445				1	X	
Fac 2 North Sump Dup	Fac 2 North Sump Dup		1445				1	X	
Field Blank	Field Blank		1505				1	X	
FAC 2 SW Floor	FAC 2 SW FLOOR		1520				1	X	

SAMPLER: Jacob Clements / Ken Brandner

SHIPMENT METHOD: In Person

AIRBILL NO.: NA

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS (X) ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	8-26-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Jacob Clements / ARCADIS	TIME 1535	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	8/26/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1535	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 227264

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 11/04/2004

Olga Veronica McDonald
Signature

11/4/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 15

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 11/04/2004

Job Number.: 227264
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
227264-1	THICKENER 1	Water	10/14/2004	14:10	10/14/2004	15:02
227264-2	THICKENER 1 STORMWATER AREA	Water	10/14/2004	14:30	10/14/2004	15:02

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 227264 Date: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: THICKENER 1
Date Sampled.....: 10/14/2004
Time Sampled.....: 14:10
Sample Matrix.....: Water

Laboratory Sample ID: 227264-1
Date Received.....: 10/14/2004
Time Received.....: 15:02

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	10/19/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	10/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	10/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			10/16/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 227264 Date: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: THICKENER 1 STORMWATER AREA
Date Sampled.....: 10/14/2004
Time Sampled.....: 14:30
Sample Matrix.....: Water

Laboratory Sample ID: 227264-2
Date Received.....: 10/14/2004
Time Received.....: 15:02

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7470A	Mercury (Hg), Total	<0.002	0.002	mg/L	10/19/04	hmz
SW-846 6010B	Arsenic (As), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Barium (Ba), Total	0.11	0.01	mg/L	10/19/04	jem
SW-846 6010B	Cadmium (Cd), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Chromium (Cr), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Lead (Pb), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Selenium (Se), Total	<0.01	0.01	mg/L	10/19/04	jem
SW-846 6010B	Silver (Ag), Total	<0.005	0.005	mg/L	10/19/04	jem
SW-846 3010A	Acid Dig., Total Metals, 2X Concentrate	Complete			10/16/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7470A Batch.....: 99405 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M41019HG	0.00508		0.00500		101.6	%	90-110	10/19/2004	1328
ICB			-0.000078							10/19/2004	1331
LCS		M41019LG	0.00490		0.0050		98.0	%	85-115	10/19/2004	1333
MB			0.000005							10/19/2004	1336
MS	227231-3	M41019HG	0.00535		0.00500	0.000212	102.8	%	75-130	10/19/2004	1346
MSD	227231-3	M41019HG	0.00528	0.00535	0.00500	0.000212	101.4	%	75-130	10/19/2004	1349
							1.3	R	20		
CCV		M41019HG	0.00528		0.00500		105.6	%	80-120	10/19/2004	1409
CCB			-0.000036							10/19/2004	1412
MB		TCLP	-0.000010							10/19/2004	1424
MS	227276-1	M41019HG	0.00528		0.00500	0.000002	105.6	%	75-130	10/19/2004	1430
MSD	227276-1	M41019HG	0.00532	0.00528	0.00500	0.000002	106.4	%	75-130	10/19/2004	1432
							0.8	R	20		
CCV		M41019HG	0.00510		0.00500		102.0	%	80-120	10/19/2004	1440
CCB			-0.000037							10/19/2004	1442
MB			0.000077							10/19/2004	1445

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.96902183		2.00		98.5	%	90-110	10/19/2004	1115
ICV		M0368	0.96922567		1.00		96.9	%	90-110	10/19/2004	1124
ICV		M0380	0.97630136		1.00		97.6	%	90-110	10/19/2004	1133
ICB			0.00081219							10/19/2004	1147
ICB			-0.0001457							10/19/2004	1159
ICV		M0393	0.48955093		0.500		97.9	%	90-110	10/19/2004	1203
CCV		M0388	0.99946682		1.00		99.9	%	90-110	10/19/2004	1209
CCB			0.00070783							10/19/2004	1221
MB		3010	0.00306369							10/19/2004	1224
LCS		M351	0.52938917		0.500		105.9	%	80-120	10/19/2004	1231
CCV		M0388	1.00657028		1.00		100.7	%	90-110	10/19/2004	1315
CCB			-0.0024137							10/19/2004	1327
MB		3010	-0.0024542							10/19/2004	1352
LCS		M351	0.50342406		0.500		100.7	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.51215841		0.500	-0.0004158	102.5	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.51606223	0.51215841	0.500	-0.0004158	103.3	%	75-125	10/19/2004	1444
							0.8	R	20		
CCV		M0388	0.99156966		1.00		99.2	%	90-110	10/19/2004	1449
CCB			-0.0032579							10/19/2004	1501
MB		3010	-0.0019658							10/19/2004	1504
LCS		M351	0.48378618		0.500		96.8	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.51837529		0.500	-0.0053348	104.7	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.52759262	0.51837529	0.500	-0.0053348	106.6	%	75-125	10/19/2004	1532
							1.8	R	20		
CCV		M0388	1.00955847		1.00		101.0	%	90-110	10/19/2004	1548
CCB			0.00227258							10/19/2004	1601
MB		3050	0.00158485							10/19/2004	1636
LCS		M351	0.53211508		0.500		106.4	%	66-134	10/19/2004	1642
LCS		M383D	2.34177574		2.31		101.4	%	66-134	10/19/2004	1648

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	227285-1	M351	0.55688689		0.500	0.03238400	104.9	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.55381213	0.55688689	0.500	0.03238400	104.3	%	75-125	10/19/2004	1708
							0.6	R	20		
CCV		M0388	1.00384100		1.00		100.4	%	90-110	10/19/2004	1714
CCB			0.00211004							10/19/2004	1726
MB		3010	0.00309068							10/19/2004	1729
LCS		M351	0.53115450		0.500		106.2	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.59653299		0.500	-0.0148986	122.3	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.59056640	0.59653299	0.500	-0.0148986	121.1	%	75-125	10/19/2004	1808
							1.0	R	20		
CCV		M0388	1.00195976		1.00		100.2	%	90-110	10/19/2004	1814
CCB			-0.0005940							10/19/2004	1826
CCV		M0388	0.97077733		1.00		97.1	%	90-110	10/19/2004	1846
CCB			0.00009607							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97482345		2.00		98.7	%	90-110	10/19/2004	1115
ICV		M0369	0.96819465		1.00		96.8	%	90-110	10/19/2004	1129
ICB			0.00025484							10/19/2004	1147
ICB			0.00038587							10/19/2004	1159
ICV		M0393	0.49290204		0.500		98.6	%	90-110	10/19/2004	1203
CCV		M0388	1.01168676		1.00		101.2	%	90-110	10/19/2004	1209
CCB			0.00015180							10/19/2004	1221
MB		3010	-0.0000110							10/19/2004	1224
LCS		M351	0.53376101		0.500		106.8	%	80-120	10/19/2004	1231
CCV		M0388	1.01850339		1.00		101.9	%	90-110	10/19/2004	1315
CCB			0.00015662							10/19/2004	1327
MB		3010	0.00026517							10/19/2004	1352
LCS		M351	0.51465783		0.500		102.9	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.61935789		0.500	0.12843162	98.2	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.62250820	0.61935789	0.500	0.12843162	98.8	%	75-125	10/19/2004	1444
							0.5	R	20		
CCV		M0388	1.00057322		1.00		100.1	%	90-110	10/19/2004	1449
CCB			0.00010686							10/19/2004	1501
MB		3010	-0.0000337							10/19/2004	1504
LCS		M351	0.49108250		0.500		98.2	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.53764587		0.500	0.05643307	96.2	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.54314585	0.53764587	0.500	0.05643307	97.3	%	75-125	10/19/2004	1532
							1.0	R	20		
CCV		M0388	1.01107230		1.00		101.1	%	90-110	10/19/2004	1548
CCB			0.00026217							10/19/2004	1601
MB		3050	0.00006212							10/19/2004	1636
LCS		M351	0.54313994		0.500		108.6	%	58-142	10/19/2004	1642
LCS		M383D	8.85795639		10.00		88.6	%	58-142	10/19/2004	1648
MS	227285-1	M351	5.87694069		0.500	5.69998094	35.4	%	75-125	10/19/2004	1703
MSD	227285-1	M351	6.01898144	5.87694069	0.500	5.69998094	63.8	%	75-125	10/19/2004	1708
							2.4	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.99081612		1.00		99.1	%	90-110	10/19/2004	1714
CCB			0.00121161							10/19/2004	1726
MB		3010	0.00059023							10/19/2004	1729
LCS		M351	0.52468887		0.500		104.9	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.53351895		0.500	0.01344625	104.0	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.52819134	0.53351895	0.500	0.01344625	102.9	%	75-125	10/19/2004	1808
							1.0	R	20		
CCV		M0388	1.00150123		1.00		100.2	%	90-110	10/19/2004	1814
CCB			0.00030139							10/19/2004	1826
CCV		M0388	0.96225062		1.00		96.2	%	90-110	10/19/2004	1846
CCB			0.00019745							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97974846		2.00		99.0	%	90-110	10/19/2004	1115
ICV		M0368	0.98404750		1.00		98.4	%	90-110	10/19/2004	1124
ICV		M0380	0.98262915		1.00		98.3	%	90-110	10/19/2004	1133
ICB			-0.0003980							10/19/2004	1147
ICB			-0.0001709							10/19/2004	1159
ICV		M0393	0.49666829		0.500		99.3	%	90-110	10/19/2004	1203
CCV		M0388	1.00349863		1.00		100.3	%	90-110	10/19/2004	1209
CCB			-0.0006927							10/19/2004	1221
MB		3010	-0.0004968							10/19/2004	1224
LCS		M351	0.53186111		0.500		106.4	%	80-120	10/19/2004	1231
CCV		M0388	1.00565091		1.00		100.6	%	90-110	10/19/2004	1315
CCB			-0.0005595							10/19/2004	1327
MB		3010	-0.0006333							10/19/2004	1352
LCS		M351	0.50459359		0.500		100.9	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.49452136		0.500	-0.0002767	99.0	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.49531761	0.49452136	0.500	-0.0002767	99.1	%	75-125	10/19/2004	1444
							0.2	R	20		
CCV		M0388	0.99052216		1.00		99.1	%	90-110	10/19/2004	1449
CCB			-0.0007363							10/19/2004	1501
MB		3010	-0.0006144							10/19/2004	1504
LCS		M351	0.48281030		0.500		96.6	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.48394946		0.500	-0.0001532	96.8	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.48874039	0.48394946	0.500	-0.0001532	97.8	%	75-125	10/19/2004	1532
							1.0	R	20		
CCV		M0388	1.00338379		1.00		100.3	%	90-110	10/19/2004	1548
CCB			-0.0009091							10/19/2004	1601
MB		3050	-0.0009288							10/19/2004	1636
LCS		M351	0.52334247		0.500		104.7	%	73-127	10/19/2004	1642
LCS		M383D	1.19685850		1.27		94.2	%	73-127	10/19/2004	1648
MS	227285-1	M351	0.49534342		0.500	0.02441379	94.2	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.50439515	0.49534342	0.500	0.02441379	96.0	%	75-125	10/19/2004	1708
							1.8	R	20		
CCV		M0388	0.98233448		1.00		98.2	%	90-110	10/19/2004	1714
CCB			-0.0007639							10/19/2004	1726

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3010	-0.0008424							10/19/2004	1729
LCS		M351	0.52969589		0.500		105.9	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.51300985		0.500	-0.0004957	102.7	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.50662639	0.51300985	0.500	-0.0004957	101.4	%	75-125	10/19/2004	1808
							1.3	R	20		
CCV		M0388	0.99369423		1.00		99.4	%	90-110	10/19/2004	1814
CCB			-0.0007891							10/19/2004	1826
CCV		M0388	0.94958615		1.00		95.0	%	90-110	10/19/2004	1846
CCB			-0.0007176							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98342499		2.00		99.2	%	90-110	10/19/2004	1115
ICV		M0368	0.97480836		1.00		97.5	%	90-110	10/19/2004	1124
ICV		M0380	0.97839062		1.00		97.8	%	90-110	10/19/2004	1133
ICB			0.00037413							10/19/2004	1147
ICB			0.00083614							10/19/2004	1159
ICV		M0393	0.49165735		0.500		98.3	%	90-110	10/19/2004	1203
CCV		M0388	1.00355458		1.00		100.4	%	90-110	10/19/2004	1209
CCB			0.00048025							10/19/2004	1221
MB		3010	0.00028439							10/19/2004	1224
LCS		M351	0.52768930		0.500		105.5	%	80-120	10/19/2004	1231
CCV		M0388	1.01137466		1.00		101.1	%	90-110	10/19/2004	1315
CCB			0.00019592							10/19/2004	1327
MB		3010	0.00016447							10/19/2004	1352
LCS		M351	0.50996210		0.500		102.0	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.50298016		0.500	0.00157191	100.3	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.50592468	0.50298016	0.500	0.00157191	100.9	%	75-125	10/19/2004	1444
							0.6	R	20		
CCV		M0388	0.99850976		1.00		99.9	%	90-110	10/19/2004	1449
CCB			0.00054682							10/19/2004	1501
MB		3010	0.00027172							10/19/2004	1504
LCS		M351	0.49033734		0.500		98.1	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.49289967		0.500	0.00232967	98.1	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.50062258	0.49289967	0.500	0.00232967	99.7	%	75-125	10/19/2004	1532
							1.6	R	20		
CCV		M0388	1.01090801		1.00		101.1	%	90-110	10/19/2004	1548
CCB			0.00038049							10/19/2004	1601
MB		3050	0.00016810							10/19/2004	1636
LCS		M351	0.53893227		0.500		107.8	%	72-127	10/19/2004	1642
LCS		M383D	1.94898176		2.07		94.2	%	72-127	10/19/2004	1648
MS	227285-1	M351	0.77619715		0.500	0.30381713	94.5	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.79571267	0.77619715	0.500	0.30381713	98.4	%	75-125	10/19/2004	1708
							2.5	R	20		
CCV		M0388	0.99427766		1.00		99.4	%	90-110	10/19/2004	1714
CCB			0.00043961							10/19/2004	1726
MB		3010	0.00018646							10/19/2004	1729
LCS		M351	0.52395626		0.500		104.8	%	80-120	10/19/2004	1736

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	227257-4	M351	0.53255203		0.500	0.00591023	105.3	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.52513686	0.53255203	0.500	0.00591023	103.8	%	75-125	10/19/2004	1808
							1.4	R	20		
CCV		M0388	1.00762105		1.00		100.8	%	90-110	10/19/2004	1814
CCB			0.00034662							10/19/2004	1826
CCV		M0388	0.96914197		1.00		96.9	%	90-110	10/19/2004	1846
CCB			0.00063278							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99112739		2.00		99.6	%	90-110	10/19/2004	1115
ICV		M0368	1.00180169		1.00		100.2	%	90-110	10/19/2004	1124
ICV		M0380	0.99986358		1.00		100.0	%	90-110	10/19/2004	1133
ICB			-0.0003687							10/19/2004	1147
ICB			0.00118943							10/19/2004	1159
ICV		M0393	0.51200828		0.500		102.4	%	90-110	10/19/2004	1203
CCV		M0388	0.99597760		1.00		99.6	%	90-110	10/19/2004	1209
CCB			0.00024342							10/19/2004	1221
MB		3010	-0.0014340							10/19/2004	1224
LCS		M351	0.53102936		0.500		106.2	%	80-120	10/19/2004	1231
CCV		M0388	1.00660640		1.00		100.7	%	90-110	10/19/2004	1315
CCB			-0.0006804							10/19/2004	1327
MB		3010	0.00119788							10/19/2004	1352
LCS		M351	0.50844627		0.500		101.7	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.48214949		0.500	0.00099136	96.2	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.48478927	0.48214949	0.500	0.00099136	96.8	%	75-125	10/19/2004	1444
							0.5	R	20		
CCV		M0388	0.99032581		1.00		99.0	%	90-110	10/19/2004	1449
CCB			-0.0005697							10/19/2004	1501
MB		3010	0.00028122							10/19/2004	1504
LCS		M351	0.48993823		0.500		98.0	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.47132903		0.500	0.00071922	94.1	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.47863728	0.47132903	0.500	0.00071922	95.6	%	75-125	10/19/2004	1532
							1.5	R	20		
CCV		M0388	0.99811489		1.00		99.8	%	90-110	10/19/2004	1548
CCB			-0.0025082							10/19/2004	1601
MB		3050	-0.0032361							10/19/2004	1636
LCS		M351	0.52934489		0.500		105.9	%	71-129	10/19/2004	1642
LCS		M383D	1.89782667		2.04		93.0	%	71-129	10/19/2004	1648
MS	227285-1	M351	0.86496826		0.500	0.42222934	88.5	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.88467264	0.86496826	0.500	0.42222934	92.5	%	75-125	10/19/2004	1708
							2.3	R	20		
CCV		M0388	0.99326558		1.00		99.3	%	90-110	10/19/2004	1714
CCB			-0.0030804							10/19/2004	1726
MB		3010	-0.0041254							10/19/2004	1729
LCS		M351	0.52364639		0.500		104.7	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.49282846		0.500	-0.0060643	99.8	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.48875817	0.49282846	0.500	-0.0060643	99.0	%	75-125	10/19/2004	1808
							0.8	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.99469598		1.00		99.5	%	90-110	10/19/2004	1814
CCB			-0.0003683							10/19/2004	1826
CCV		M0388	0.97202156		1.00		97.2	%	90-110	10/19/2004	1846
CCB			-0.0023684							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.95123760		2.00		97.6	%	90-110	10/19/2004	1115
ICV		M0368	0.97711840		1.00		97.7	%	90-110	10/19/2004	1124
ICV		M0380	0.96863344		1.00		96.9	%	90-110	10/19/2004	1133
ICB			-0.0020855							10/19/2004	1147
ICB			0.00384663							10/19/2004	1159
ICV		M0393	0.48928559		0.500		97.9	%	90-110	10/19/2004	1203
CCV		M0388	0.99117895		1.00		99.1	%	90-110	10/19/2004	1209
CCB			-0.0033882							10/19/2004	1221
MB		3010	-0.0057046							10/19/2004	1224
LCS		M351	0.52378302		0.500		104.8	%	80-120	10/19/2004	1231
CCV		M0388	0.98483264		1.00		98.5	%	90-110	10/19/2004	1315
CCB			0.00702671							10/19/2004	1327
MB		3010	-0.0034100							10/19/2004	1352
LCS		M351	0.48916701		0.500		97.8	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.49099680		0.500	-0.0058715	99.4	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.50481034	0.49099680	0.500	-0.0058715	102.1	%	75-125	10/19/2004	1444
							2.8	R	20		
CCV		M0388	0.97643108		1.00		97.6	%	90-110	10/19/2004	1449
CCB			-0.0034232							10/19/2004	1501
MB		3010	-0.0052474							10/19/2004	1504
LCS		M351	0.48110012		0.500		96.2	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.51388896		0.500	0.00387083	102.0	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.51736648	0.51388896	0.500	0.00387083	102.7	%	75-125	10/19/2004	1532
							0.7	R	20		
CCV		M0388	1.00667192		1.00		100.7	%	90-110	10/19/2004	1548
CCB			-0.0076817							10/19/2004	1601
MB		3050	0.00024052							10/19/2004	1636
LCS		M351	0.51076037		0.500		102.2	%	59-141	10/19/2004	1642
LCS		M383D	0.97647702		0.996		98.0	%	59-141	10/19/2004	1648
MS	227285-1	M351	0.48743622		0.500	0.00495588	96.5	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.51716369	0.48743622	0.500	0.00495588	102.4	%	75-125	10/19/2004	1708
							5.9	R	20		
CCV		M0388	1.00473747		1.00		100.5	%	90-110	10/19/2004	1714
CCB			-0.0033448							10/19/2004	1726
MB		3010	0.00221648							10/19/2004	1729
LCS		M351	0.54495205		0.500		109.0	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.54863530		0.500	-0.0039602	110.5	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.55996327	0.54863530	0.500	-0.0039602	112.8	%	75-125	10/19/2004	1808
							2.0	R	20		
CCV		M0388	0.99155016		1.00		99.2	%	90-110	10/19/2004	1814
CCB			-0.0019190							10/19/2004	1826

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 227264 Report Date.: 11/04/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.95099596		1.00		95.1	%	90-110	10/19/2004	1846
CCB			-0.0022730							10/19/2004	1858

Test Method.....: SW-846 6010B Batch.....: 99432 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99315828		1.0		99.3	%	90-110	10/19/2004	1115
ICV		M0369	0.98377025		1.00		98.4	%	90-110	10/19/2004	1129
ICB			-0.0002221							10/19/2004	1147
ICB			-0.0000332							10/19/2004	1159
ICV		M0393	0.49923437		0.500		99.8	%	90-110	10/19/2004	1203
CCV		M0388	0.50644226		0.50		101.3	%	90-110	10/19/2004	1209
CCB			-0.0002146							10/19/2004	1221
MB		3010	-0.0001010							10/19/2004	1224
LCS		M351	0.26494079		0.25		106.0	%	80-120	10/19/2004	1231
CCV		M0388	0.50772068		0.50		101.5	%	90-110	10/19/2004	1315
CCB			0.00108464							10/19/2004	1327
MB		3010	-0.0002219							10/19/2004	1352
LCS		M351	0.25291518		0.25		101.2	%	80-120	10/19/2004	1358
MS	227218-8	M351	0.24685820		0.25	-0.0023034	99.7	%	75-125	10/19/2004	1438
MSD	227218-8	M351	0.24840534	0.24685820	0.25	-0.0023034	100.3	%	75-125	10/19/2004	1444
							0.6	R	20		
CCV		M0388	0.50055665		0.50		100.1	%	90-110	10/19/2004	1449
CCB			-0.0001190							10/19/2004	1501
MB		3010	-0.0002978							10/19/2004	1504
LCS		M351	0.24135954		0.25		96.5	%	80-120	10/19/2004	1511
MS	227258-1	M351	0.24377619		0.25	-0.0046142	99.4	%	75-125	10/19/2004	1527
MSD	227258-1	M351	0.24717753	0.24377619	0.25	-0.0046142	100.7	%	75-125	10/19/2004	1532
							1.4	R	20		
CCV		M0388	0.50895809		0.50		101.8	%	90-110	10/19/2004	1548
CCB			0.00044681							10/19/2004	1601
MB		3050	0.00001414							10/19/2004	1636
LCS		M351	0.26078337		0.25		104.3	%	11-189	10/19/2004	1642
LCS		M383D	1.07161563		0.953		112.4	%	11-189	10/19/2004	1648
MS	227285-1	M351	0.39385510		0.25	0.13678647	102.8	%	75-125	10/19/2004	1703
MSD	227285-1	M351	0.38534476	0.39385510	0.25	0.13678647	99.4	%	75-125	10/19/2004	1708
							2.2	R	20		
CCV		M0388	0.49883666		0.50		99.8	%	90-110	10/19/2004	1714
CCB			0.00063352							10/19/2004	1726
MB		3010	0.00073205							10/19/2004	1729
LCS		M351	0.26295456		0.25		105.2	%	80-120	10/19/2004	1736
MS	227257-4	M351	0.27897871		0.25	-0.0111092	116.0	%	75-125	10/19/2004	1803
MSD	227257-4	M351	0.27652899	0.27897871	0.25	-0.0111092	115.1	%	75-125	10/19/2004	1808
							0.9	R	20		
CCV		M0388	0.50438942		0.50		100.9	%	90-110	10/19/2004	1814
CCB			0.00129921							10/19/2004	1826
CCV		M0388	0.48717820		0.50		97.4	%	90-110	10/19/2004	1846
CCB			-0.0008823							10/19/2004	1858

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 11/04/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 11/04/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number/Name: Encycle RCRA Closure
Project Location: Corpus Christi, TX
Laboratory: STL, Corpus Christi
Project Manager: Ken Brandner
Sampler(s)/Affiliation: Ken Brandner/ARCADIS

227264

2.4

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: Total (As, Ba, Cd, Cr, Pb, Hg, Se, Ag by CLP poly w/HNO3)						Remarks	Total
Thickener 1	L	10/14/04 2:10		1							1
Thickener 1	L	↓ 2:30		1							1
stormwater area											

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 2

					Seal Intact?
Relinquished by: [signature]	Organization: ARCADIS	Date 10/14/04	Time 1502		Yes No N/A
Received by: D. Taylor	Organization: STL-CC	Date 10/14/04	Time 1502		
Relinquished by: _____	Organization: _____	Date / /	Time _____		Seal Intact?
Received by: _____	Organization: _____	Date / /	Time _____		Yes No N/A

Special Instructions/Remarks: Samples delivered in cooler with ice. Need 10 day TAT for Final report.
Results to Ken Brandner & Rich Marcus.
Invoice to Rich Marcus for RCRA Closure.

Delivery Method: ☒ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

APPENDIX H

ARCADIS

Appendix H

Encycle Constituents of Concern

Table 2. Constituents of Concern, Encycle/Texas, Inc., Corpus Christi, Texas

Constituent
Antimony
Arsenic
Barium
Bismuth
Cadmium
Chromium
Cobalt
Copper
Cyanide
Lead
Manganese
Mercury
Nickel
Selenium
Silver
Thallium
Tin
Vanadium
Zinc

APPENDIX I

Appendix I

Soil Background Concentrations

Table 9. Soil Background Concentrations (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

Constituent	0-0.5 feet[a]	2-2.5 feet[b]	Unsaturated soil sample[c]	Saturated soil sample[d]	Clay/Silt Strata[e]	Clean sand strata[f]
Antimony					*0.77*	*0.80*
Arsenic	16.65	8.01	21.86	9.8		
Barium					*720*	*202*
Bismuth	4.90					
Cadmium	11.70	4.47	4.97	3.64		
Chromium					*14.9*	*35.9*
Cobalt	9.72					
Copper	40.33	17.20	16.15	18.26		
Cyanide	0.24					
Lead	109.16	54.36	38.96	30.92		
Manganese	333.73	360.83	592.50	686.68		
Mercury	0.09					
Nickel	25.80	27.21	29.74	25.86		
Selenium	0.89					
Silver					*0.54*	*0.50*
Thallium					*1.02*	*1.0*
Tin	7.65					
Vanadium					*35.6*	*15.7*
Zinc	---	---	---	---	---	---

Table 9. Soil Background Concentrations (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

a	Concentrations approved in an April 28, 1997 TNRCC letter, except for antimony, barium, chromium, silver, thallium, and vanadium which were re-calculated following collection of additional background samples on January 15, 2001.
b	Concentrations taken from Encycle May 19, 1993 letter report regarding background sampling program.
c	Variable depth representative of soil conditions above the uppermost water table (K. W. Brown September 1993 RFI Report).
d	Variable depth representative of soil conditions at top of the water table (K. W. Brown September 1993 RFI Report).
e	Lithology-specific concentration for clay/silt strata (not depth-specific). Includes strata with a Unified Soil Classification System (USCS) description of "ML", "CL", "SM", and "SC".
f	Lithology-specific concentration for clean sand strata (not depth-specific). Strata with a USCS description of "SP" and "SW".

Notes:

1) April 28, 1997 TNRCC letter stated zinc would not be a good release indicator for a unit at this site. Therefore, zinc background level not given.
2) Concentrations shown on 0-0.5 feet column shall be used as background concentration for all soil depth intervals for bismuth, cobalt, cyanide, mercury, selenium, and tin as shown above.
3) Soil background concentrations were re-calculated for antimony, barium, chromium, silver, thallium, and vanadium as specified in the ARCADIS October 17, 2000 work plan and the TNRCC January 4, 2001 letter regarding the work plan. Revised background concentrations for these constituents are shown in ***bold italics***.
4) As specified in the TNRCC June 14, 2001 letter, soil background concentrations for antimony, barium, chromium, silver, thallium, and vanadium were calculated for each lithologic unit encountered at the facility which consisted of clay/silt strata and clean sand strata at the background soil sample locations.
5) Soil samples obtained from clay strata, silt strata, clay/sand mixtures, and silt/sand mixtures for antimony, barium, chromium, silver, thallium, and vanadium will be compared to background values for clay/silt strata as shown above. This will include fine-grained soils with the USCS of "ML" and "CL", and sands with fines (USCS of "SM" and "SC").
6) Soil samles obtained from clean sand strata (i.e., well sorted sands with little or no fines) for antimony, barium, chromium, silver, thallium, and vanadium will be compared to background values for clean sand strata as shown above. This will consist of well-sorted (poorly graded) sand strata with a USCS of "SP" and "SW".

APPENDIX J

ARCADIS

Appendix J

Laboratory Reports – Soil Samples

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 226796

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 10/27/2004

Olga Verónica McDonald
Signature

10/27/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 69

SEVERN TRENT STL

CASE NARRATIVE

Job Number 226796

October 27, 2004

Total Metals Analysis

Sample 226796-1 was analyzed for total metals using EPA Method 6010B. The percent recovery results for barium, cadmium and manganese in the matrix spike associated with this sample were outside the acceptance criteria. The associated LCS was within acceptable limits and the data are therefore reported.

Cyanide Analysis

Sample 226796-1 was analyzed for cyanide using EPA Methods 9013/9010B/9012A. The percent recovery result for the matrix spike associated with this sample was marginally below the acceptance criteria. The associated LCS was within acceptable limits and the data are therefore reported.

Please contact me at 361-289-2673 or omcdonald@stl-inc.com if you have any questions regarding this report or if we can be of further assistance.

Olga Verónica McDonald

Olga Verónica McDonald
Project Manager

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 10/27/2004

Job Number.: 226796
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226796-1	FAC 2 CRACK 5 0-0.5ft	Soil	09/16/2004	11:30	09/16/2004	16:22
226796-2	FAC 2 CRACK 5 2-2.5ft	Soil	09/16/2004	11:40	09/16/2004	16:22
226796-3	FAC 2 CRACK 7 0-0.5ft	Soil	09/16/2004	10:00	09/16/2004	16:22
226796-4	FAC 2 CRACK 7 2-2.5ft	Soil	09/16/2004	10:10	09/16/2004	16:22
226796-5	FAC 2 CRACK 8 0-0.5ft	Soil	09/16/2004	10:20	09/16/2004	16:22
226796-6	FAC 2 CRACK 8 2-2.5ft	Soil	09/16/2004	10:30	09/16/2004	16:22
226796-7	FAC 2 CRACK 9 0-0.5ft	Soil	09/16/2004	10:40	09/16/2004	16:22
226796-8	FAC 2 CRACK 9 2-2.5ft	Soil	09/16/2004	10:50	09/16/2004	16:22
226796-9	FAC 2 CRACK 1 0-0.5ft	Soil	09/16/2004	13:45	09/16/2004	16:22
226796-10	FAC 2 CRACK 1 2-2.5ft	Soil	09/16/2004	13:55	09/16/2004	16:22
226796-11	FAC 2 CRACK 2 0-0.5ft	Soil	09/16/2004	13:20	09/16/2004	16:22
226796-12	FAC 2 CRACK 2 2-2.5ft	Soil	09/16/2004	13:30	09/16/2004	16:22
226796-13	FAC 2 CRACK 3 0-0.5ft	Soil	09/16/2004	12:50	09/16/2004	16:22
226796-14	FAC 2 CRACK 3 2-2.5ft	Soil	09/16/2004	13:00	09/16/2004	16:22
226796-15	FAC 2 CRACK 4 0-0.5ft	Soil	09/16/2004	12:20	09/16/2004	16:22
226796-16	FAC 2 CRACK 4 2-2.5ft	Soil	09/16/2004	12:30	09/16/2004	16:22

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 5 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 11:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-1
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	4	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	50	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	27	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	12	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	96	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1		mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	1780	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 5 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 11:40
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-2
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	332	1	mg/Kg	10/08/04	jem
SW-846 6010B	Zinc (Zn), Solid	55800	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 7 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-3
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	222	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	153	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	4	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	94	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 8 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-5
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	27	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	295	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	6	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	7	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 8 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-6
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	225	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 9 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-7
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	83	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	14	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	149	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	801	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 9 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-8
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Zinc (Zn), Solid	1830	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 1 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-9
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	22	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	264	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	4	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	44	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	148	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	155	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	20	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	2130	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 1 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 13:55
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-10
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	612	1	mg/Kg	10/08/04	jem
SW-846 6010B	Copper (Cu), Solid	8	1	mg/Kg	10/08/04	jem
SW-846 6010B	Lead (Pb), Solid	14	1	mg/Kg	10/08/04	jem
SW-846 6010B	Zinc (Zn), Solid	29800	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 2 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-11
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	11	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	69	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	2	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	4	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	13	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	7	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	138	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	9	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	1910	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 2 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 13:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-12
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	983	1	mg/Kg	10/08/04	jem
SW-846 6010B	Zinc (Zn), Solid	28200	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 3 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-13
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	7	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	137	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	312	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	23	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	3	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	15	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 3 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-14
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	544	1	mg/Kg	10/08/04	jem
SW-846 6010B	Cobalt (Co), Solid	11	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 4 0-0.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-15
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	09/23/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/20/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/19/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Arsenic (As), Solid	8	1	mg/Kg	09/20/04	jem
SW-846 6010B	Barium (Ba), Solid	222	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cadmium (Cd), Solid	784	1	mg/Kg	09/20/04	jem
SW-846 6010B	Chromium (Cr), Solid	5	1	mg/Kg	09/20/04	jem
SW-846 6010B	Cobalt (Co), Solid	26	1	mg/Kg	09/20/04	jem
SW-846 6010B	Copper (Cu), Solid	152	1	mg/Kg	09/20/04	jem
SW-846 6010B	Lead (Pb), Solid	161	1	mg/Kg	09/20/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Nickel (Ni), Solid	27	1	mg/Kg	09/20/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/20/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/20/04	jem
SW-846 6010B	Vanadium (V), Solid	10	1	mg/Kg	09/20/04	jem
SW-846 6010B	Zinc (Zn), Solid	<1	1	mg/Kg	09/20/04	jem
SW-846 3010A	Acid Digestion, Total Metals, SPLP	Complete			10/26/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/20/04	ac
SW-846 6010B	SPLP Metals Analysis (ICAP) Cadmium (Cd)	1.56	0.01	mg/L	10/26/04	jem
SW-846 1312	Synthetic Precipitation Leaching Proc. Metals Analysis Glass Jar Extraction - West	 Complete Complete			 10/25/04 10/25/04	 ac ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226796 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 4 2-2.5ft
Date Sampled.....: 09/16/2004
Time Sampled.....: 12:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226796-16
Date Received.....: 09/16/2004
Time Received.....: 16:22

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	3	1	mg/Kg	10/08/04	jem
SW-846 6010B	Cobalt (Co), Solid	3	1	mg/Kg	10/08/04	jem
SW-846 6010B	Copper (Cu), Solid	5	1	mg/Kg	10/08/04	jem
SW-846 6010B	Lead (Pb), Solid	6	1	mg/Kg	10/08/04	jem
SW-846 6010B	Nickel (Ni), Solid	6	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/07/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7471A Batch.....: 98445 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/Kg Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			-0.000012							09/23/2004	1330
ICV		M40923HG	0.00484		0.00500		96.8	%	90-110	09/23/2004	1334
SB		M0384HG	0.00778		0.007540		103.2	%	40-160	09/23/2004	1342
MB			-0.000154							09/23/2004	1346
MS	226775-19	M40923HG	0.00521		0.00500	-0.000045	105.1	%	75-130	09/23/2004	1414
MSD	226775-19	M40923HG	0.00581	0.00521	0.00500	-0.000045	117.1	%	75-130	09/23/2004	1418
							10.9	R	20		
CCV		M40923HG	0.00483		0.00500		96.6	%	80-120	09/23/2004	1437
CCB			-0.000176							09/23/2004	1441
CCV		M40923HG	0.00522		0.00500		104.4	%	80-120	09/23/2004	1525
CCB			0.000077							09/23/2004	1529
SB		M0384HG	0.00802		0.007540		106.4	%	40-160	09/23/2004	1537
MB			0.000145							09/23/2004	1541
MS	226832-1	M40923HG	0.00591		0.00500	0.000309	112.0	%	75-130	09/23/2004	1549
MSD	226832-1	M40923HG	0.00626	0.00591	0.00500	0.000309	119.0	%	75-130	09/23/2004	1553
							5.8	R	20		
MB			0.000005							09/23/2004	1624
MS	226680-1	M40923HG	0.00662		0.000100	0.00777	-1150.0	%	75-130	09/23/2004	1632
MSD	226680-1	M40923HG	0.00658	0.00662	0.000100	0.00777	-1190.0	%	75-130	09/23/2004	1636
							0.6	R	20		
CCV		M40923HG	0.00532		0.00500		106.4	%	80-120	09/23/2004	1652
CCB			0.000041							09/23/2004	1656
MB			-0.000009							09/23/2004	1700

Test Method.....: EPA 9010B/9012A Batch.....: 98352 Analyst...: dev
Method Description.: Cyanide (Colorimetric, Automated) Units.....: mg/L Test Code.: CNT
Parameter.....: Cyanide, Total

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB		092004	-0.0019							09/20/2004	1630
CCV		CN040920E	0.3728		0.398		93.7	%	80-120	09/20/2004	1631
MB		092004	0.040							09/20/2004	1633
LCS		CN040920Z	6.580		7.508		87.6	%	77-115	09/20/2004	1634
LCD		CN040920Z	6.430	6.580	7.508	6.580	85.6	%	77-115	09/20/2004	1635
							2.3	R	20		
MS	226788-1	CN040920Y	1.850		2.502	-0.1200	78.7	%	75-125	09/20/2004	1638
MSD	226788-1	CN040920Y	1.965	1.850	2.502	-0.1200	83.3	%	75-125	09/20/2004	1639
							6.0	R	20		
CCB		092004	-0.0041							09/20/2004	1652
CCV		CN040920E	0.3831		0.398		96.3	%	80-120	09/20/2004	1653
MS	226788-22	CN040920Y	1.835		2.502	-0.070	76.1	%	75-125	09/20/2004	1656
MSD	226788-22	CN040920Y	1.895	1.835	2.502	-0.070	78.5	%	75-125	09/20/2004	1657
							3.2	R	20		
CCB		092004	-0.0040							09/20/2004	1709
CCV		CN040920E	0.3991		0.398		100.3	%	80-120	09/20/2004	1710
MB		092004	-0.035							09/20/2004	1712
LCS		CN040920Z	6.000		7.508		79.9	%	77-115	09/20/2004	1713
LCD		CN040920Z	6.215	6.000	7.508	6.000	82.8	%	77-115	09/20/2004	1714
							3.5	R	20		
MS	226796-1	CN040920Y	1.79		2.502	-0.075	74.5	%	75-125	09/20/2004	1717
MSD	226796-1	CN040920Y	1.895	1.79	2.502	-0.075	78.7	%	75-125	09/20/2004	1718
							5.7	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: EPA 9010B/9012A Batch.....: 98352 Analyst...: dev
Method Description.: Cyanide (Colorimetric, Automated) Units.....: mg/L Test Code.: CNT
Parameter.....: Cyanide, Total

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB		092004	-0.0045							09/20/2004	1729
CCV		CN040920E	0.3921		0.398		98.5	%	80-120	09/20/2004	1730

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	1.03365994		1.00		103.4	%	90-110	09/20/2004	1031
ICV		M0368	1.09556506		1.00		109.6	%	90-110	09/20/2004	1037
ICV		M0374	1.02973611		1.00		103.0	%	90-110	09/20/2004	1051
ICB			-0.0026626							09/20/2004	1100
ICB			0.00000909							09/20/2004	1112
ICV		M0393	0.52565468		0.500		105.1	%	90-110	09/20/2004	1116
CCV		M0388	1.07315701		1.00		107.3	%	90-110	09/20/2004	1121
CCB			0.00648351							09/20/2004	1130
MB		3010	-0.0036170							09/20/2004	1226
LCS		M351	0.52156085		0.500		104.3	%	80-120	09/20/2004	1233
CCV		M0388	1.05347813		1.00		105.3	%	90-110	09/20/2004	1307
CCB			-0.0010322							09/20/2004	1319
MS	226775-9	M351	0.52189148		0.500	-0.0084189	106.1	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.51271606	0.52189148	0.500	-0.0084189	104.2	%	75-125	09/20/2004	1339
							1.8	R	20		
CCV		M0388	1.04466592		1.00		104.5	%	90-110	09/20/2004	1403
CCB			0.00083307							09/20/2004	1415
LCS		M351	0.55756692		0.500		111.5	%	80-120	09/20/2004	1451
CCV		M0388	1.05427262		1.00		105.4	%	90-110	09/20/2004	1500
CCB			-0.0019961							09/20/2004	1512
CCV		M0388	1.02995644		1.00		103.0	%	90-110	09/20/2004	1541
CCB			-0.0011347							09/20/2004	1553
MB		3050	-0.0049152							09/20/2004	1645
LCS		M351	0.52123248		0.500		104.2	%	1-335	09/20/2004	1652
LCS		M383D	0.52698419		0.660		79.8	%	1-335	09/20/2004	1658
CCV		M0388	1.02514001		1.00		102.5	%	90-110	09/20/2004	1732
CCB			-0.0026603							09/20/2004	1744
MS	226788-22	M351	0.33400738		0.500	-0.0054609	67.9	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.32036256	0.33400738	0.500	-0.0054609	65.2	%	75-125	09/20/2004	1818
							4.2	R	20		
CCV		M0388	1.01479165		1.00		101.5	%	90-110	09/20/2004	1836
CCB			0.00456987							09/20/2004	1845
MB		3050	-0.0063024							09/20/2004	1919
LCS		M351	0.45708217		0.500		91.4	%	1-335	09/20/2004	1926
CCV		M0388	1.01567869		1.00		101.6	%	90-110	09/20/2004	1931
CCB			-0.0007438							09/20/2004	1943
LCS		M383D	0.54662858		0.660		82.8	%	1-335	09/20/2004	1947
MS	226796-7	M351	0.39202177		0.500	-0.0167938	81.8	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.35848772	0.39202177	0.500	-0.0167938	75.1	%	75-125	09/20/2004	2016
							8.9	R	20		
B			-0.0054866							09/20/2004	2021
CCV		M0388	1.01443084		1.00		101.4	%	90-110	09/20/2004	2103
CCB			0.00041634							09/20/2004	2116

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98078056		2.00		99.0	%	90-110	09/20/2004	1028
ICV		M0368	0.98292577		1.00		98.3	%	90-110	09/20/2004	1037
ICV		M0380	1.00347019		1.00		100.3	%	90-110	09/20/2004	1046
ICB			-0.0044275							09/20/2004	1100
ICB			0.00254894							09/20/2004	1112
ICV		M0393	0.49642489		0.500		99.3	%	90-110	09/20/2004	1116
CCV		M0388	1.00013261		1.00		100.0	%	90-110	09/20/2004	1121
CCB			0.00023161							09/20/2004	1130
MB		3010	-0.0017074							09/20/2004	1226
LCS		M351	0.49844984		0.500		99.7	%	80-120	09/20/2004	1233
CCV		M0388	1.00030338		1.00		100.0	%	90-110	09/20/2004	1307
CCB			0.00123634							09/20/2004	1319
MS	226775-9	M351	0.47305702		0.500	0.00167825	94.3	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.48105143	0.47305702	0.500	0.00167825	95.9	%	75-125	09/20/2004	1339
							1.7	R	20		
CCV		M0388	0.98764354		1.00		98.8	%	90-110	09/20/2004	1403
CCB			0.00049251							09/20/2004	1415
LCS		M351	0.49601561		0.500		99.2	%	80-120	09/20/2004	1451
CCV		M0388	0.99322469		1.00		99.3	%	90-110	09/20/2004	1500
CCB			0.00016915							09/20/2004	1512
CCV		M0388	0.97238968		1.00		97.2	%	90-110	09/20/2004	1541
CCB			0.00158106							09/20/2004	1553
MB		3050	0.00168127							09/20/2004	1645
LCS		M351	0.48333227		0.500		96.7	%	66-134	09/20/2004	1652
LCS		M383D	1.94352336		2.31		84.1	%	66-134	09/20/2004	1658
CCV		M0388	0.97262986		1.00		97.3	%	90-110	09/20/2004	1732
CCB			0.00299541							09/20/2004	1744
CCV		M0388	0.96996061		1.00		97.0	%	90-110	09/20/2004	1836
CCB			0.00096987							09/20/2004	1845
MB		3050	0.00869350							09/20/2004	1919
LCS		M351	0.42333445		0.500		84.7	%	66-134	09/20/2004	1926
CCV		M0388	0.97350122		1.00		97.4	%	90-110	09/20/2004	1931
CCB			0.00127830							09/20/2004	1943
LCS		M383D	2.01871428		2.31		87.4	%	66-134	09/20/2004	1947
MS	226796-7	M351	0.48965104		0.500	0.01578879	94.8	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.50209246	0.48965104	0.500	0.01578879	97.3	%	75-125	09/20/2004	2016
							2.5	R	20		
B			-0.0019134							09/20/2004	2021
CCV		M0388	0.97395635		1.00		97.4	%	90-110	09/20/2004	2103
CCB			0.00157344							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98565779		2.00		99.3	%	90-110	09/20/2004	1028
ICV		M0369	1.00898676		1.00		100.9	%	90-110	09/20/2004	1042
ICB			-0.0001486							09/20/2004	1100
ICB			0.00021892							09/20/2004	1112
ICV		M0393	0.49954518		0.500		99.9	%	90-110	09/20/2004	1116

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.00977127		1.00		101.0	%	90-110	09/20/2004	1121
CCB			-0.0000454							09/20/2004	1130
MB		3010	-0.0000688							09/20/2004	1226
LCS		M351	0.49987205		0.500		100.0	%	80-120	09/20/2004	1233
CCV		M0388	1.01543772		1.00		101.5	%	90-110	09/20/2004	1307
CCB			-0.0001139							09/20/2004	1319
MS	226775-9	M351	0.51401133		0.500	0.03202701	96.4	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.51617133	0.51401133	0.500	0.03202701	96.8	%	75-125	09/20/2004	1339
							0.4	R	20		
CCV		M0388	1.00867093		1.00		100.9	%	90-110	09/20/2004	1403
CCB			0.00043004							09/20/2004	1415
LCS		M351	0.50286584		0.500		100.6	%	80-120	09/20/2004	1451
CCV		M0388	1.00075663		1.00		100.1	%	90-110	09/20/2004	1500
CCB			0.00008836							09/20/2004	1512
CCV		M0388	0.99209661		1.00		99.2	%	90-110	09/20/2004	1541
CCB			-0.0000023							09/20/2004	1553
MB		3050	-0.0001325							09/20/2004	1645
LCS		M351	0.49234060		0.500		98.5	%	58-142	09/20/2004	1652
LCS		M383D	8.07087637		10.00		80.7	%	58-142	09/20/2004	1658
CCV		M0388	0.99237629		1.00		99.2	%	90-110	09/20/2004	1732
CCB			0.00045227							09/20/2004	1744
CCV		M0388	0.98703820		1.00		98.7	%	90-110	09/20/2004	1836
CCB			0.00050653							09/20/2004	1845
MB		3050	0.00153269							09/20/2004	1919
LCS		M351	0.43544319		0.500		87.1	%	58-142	09/20/2004	1926
CCV		M0388	0.98022800		1.00		98.0	%	90-110	09/20/2004	1931
CCB			-0.0000343							09/20/2004	1943
LCS		M383D	8.17887867		10.00		81.8	%	58-142	09/20/2004	1947
MS	226796-7	M351	0.90188859		0.500	0.67234552	45.9	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.99477354	0.90188859	0.500	0.67234552	64.5	%	75-125	09/20/2004	2016
							9.8	R	20		
B			0.00011805							09/20/2004	2021
CCV		M0388	0.97931967		1.00		97.9	%	90-110	09/20/2004	2103
CCB			-0.0000073							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99942263		2.00		100.0	%	90-110	09/20/2004	1028
ICV		M0368	1.00936581		1.00		100.9	%	90-110	09/20/2004	1037
ICV		M0380	1.01797804		1.00		101.8	%	90-110	09/20/2004	1046
ICB			0.00000998							09/20/2004	1100
ICB			0.00013647							09/20/2004	1112
ICV		M0393	0.50211852		0.500		100.4	%	90-110	09/20/2004	1116
CCV		M0388	1.00296978		1.00		100.3	%	90-110	09/20/2004	1121
CCB			0.00000998							09/20/2004	1130
MB		3010	-0.0000505							09/20/2004	1226
LCS		M351	0.49699377		0.500		99.4	%	80-120	09/20/2004	1233
CCV		M0388	1.00241244		1.00		100.2	%	90-110	09/20/2004	1307

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0001693							09/20/2004	1319
MS	226775-9	M351	0.50334144		0.500	0.00074678	100.5	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.50615531	0.50334144	0.500	0.00074678	101.1	%	75-125	09/20/2004	1339
							0.6	R	20		
CCV		M0388	0.99740761		1.00		99.7	%	90-110	09/20/2004	1403
CCB			-0.0000662							09/20/2004	1415
LCS		M351	0.49221729		0.500		98.4	%	80-120	09/20/2004	1451
CCV		M0388	0.98772764		1.00		98.8	%	90-110	09/20/2004	1500
CCB			-0.0000802							09/20/2004	1512
CCV		M0388	0.97334022		1.00		97.3	%	90-110	09/20/2004	1541
CCB			-0.0001826							09/20/2004	1553
MB		3050	-0.0000816							09/20/2004	1645
LCS		M351	0.47741161		0.500		95.5	%	73-127	09/20/2004	1652
LCS		M383D	1.05451235		1.27		83.0	%	73-127	09/20/2004	1658
CCV		M0388	0.96891858		1.00		96.9	%	90-110	09/20/2004	1732
CCB			0.00067246							09/20/2004	1744
CCV		M0388	0.97474282		1.00		97.5	%	90-110	09/20/2004	1836
CCB			0.00211659							09/20/2004	1845
MB		3050	0.00461499							09/20/2004	1919
LCS		M351	0.42417046		0.500		84.8	%	73-127	09/20/2004	1926
CCV		M0388	0.96624343		1.00		96.6	%	90-110	09/20/2004	1931
CCB			0.00044983							09/20/2004	1943
LCS		M383D	1.02987281		1.27		81.1	%	73-127	09/20/2004	1947
MS	226796-7	M351	0.56516976		0.500	0.06147493	100.7	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.69954913	0.56516976	0.500	0.06147493	127.6	%	75-125	09/20/2004	2016
							21.3	R	20		
B			0.00074046							09/20/2004	2021
CCV		M0388	0.96118826		1.00		96.1	%	90-110	09/20/2004	2103
CCB			0.00025922							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98578888		2.00		99.3	%	90-110	10/08/2004	1144
ICV		M0368	1.02001548		1.00		102.0	%	90-110	10/08/2004	1153
ICV		M0380	1.06874608		1.00		106.9	%	90-110	10/08/2004	1202
ICB			-0.0000182							10/08/2004	1216
ICB			0.00008612							10/08/2004	1228
ICV		M0393	0.50229586		0.500		100.5	%	90-110	10/08/2004	1232
CCV		M0388	1.02990204		1.00		103.0	%	90-110	10/08/2004	1237
CCB			0.00004434							10/08/2004	1250
MB		3050.	0.00004858							10/08/2004	1303
LCS		M383D	1.18524508		1.27		93.3	%	73-127	10/08/2004	1312
MS	226788-27	M351F	0.76794485		0.860	0.06229524	82.1	%	75-125	10/08/2004	1340
MSD	226788-27	M351F	0.72638989	0.76794485	0.860	0.06229524	77.2	%	75-125	10/08/2004	1345
							5.6	R	20		
CCV		M0388	1.00017635		1.00		100.0	%	90-110	10/08/2004	1354
CCB			-0.0000132							10/08/2004	1406
CCV		M0388	0.99028728		1.00		99.0	%	90-110	10/08/2004	1448

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00045558							10/08/2004	1500
MB		3050	0.00125404							10/08/2004	1523
LCS		M383D	1.14899214		1.27		90.5	%	80-120	10/08/2004	1536
CCV		M0388	0.97732234		1.00		97.7	%	90-110	10/08/2004	1555
CCB			-0.0000593							10/08/2004	1607
MS	226602-27	M351F	0.76385083		0.860	0.00298463	88.5	%	75-125	10/08/2004	1611
MSD	226602-27	M351F	0.74339892	0.76385083	0.860	0.00298463	86.1	%	75-125	10/08/2004	1617
							2.7	R	20		
CCV		M0388	0.96609491		1.00		96.6	%	90-110	10/08/2004	1655
CCB			-0.0001013							10/08/2004	1707
CCV		M0388	0.95155433		1.00		95.2	%	90-110	10/08/2004	1747
CCB			0.00002642							10/08/2004	1801
CCV		M0388	0.93723108		1.00		93.7	%	90-110	10/08/2004	1815
CCB			-0.0000627							10/08/2004	1827

Test Method.....: SW-846 6010B Batch.....: 99696 Analyst...: jem
Method Description.: SPLP Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.94586668		2.00		97.3	%	90-110	10/26/2004	1054
ICV		M0368	1.00783918		1.00		100.8	%	90-110	10/26/2004	1103
ICV		M0380	0.95389677		1.00		95.4	%	90-110	10/26/2004	1112
ICB			-0.0016852							10/26/2004	1125
ICB			-0.0018893							10/26/2004	1137
ICV		M0393	0.50533465		0.500		101.1	%	90-110	10/26/2004	1141
CCV		M0388	1.00601437		1.00		100.6	%	90-110	10/26/2004	1146
CCB			-0.0024085							10/26/2004	1220
CCV		M0388	0.98164751		1.00		98.2	%	90-110	10/26/2004	1848
CCB			-0.0029855							10/26/2004	1900
MB		3010	-0.0031121							10/26/2004	1917
LCS		M351	0.50098022		0.500		100.2	%	87-110	10/26/2004	1924
MS	226569-23	M351	9.97503322		0.500	9.39524563	116.0	%	75-125	10/26/2004	1939
CCV		M0388	0.98009414		1.00		98.0	%	90-110	10/26/2004	1944
CCB			-0.0014622							10/26/2004	1956
MSD	226569-23	M351	10.1050225	9.97503322	0.500	9.39524563	142.0	%	75-125	10/26/2004	2000
							1.3	R	20		
CCV		M0388	0.99373398		1.00		99.4	%	90-110	10/26/2004	2038
CCB			-0.0010033							10/26/2004	2050
MS	227022-2	M351	0.48058776		0.500	0.00118547	95.9	%	75-125	10/26/2004	2121
MSD	227022-2	M351	0.49048515	0.48058776	0.500	0.00118547	97.9	%	75-125	10/26/2004	2127
							2.0	R	20		
CCV		M0388	0.98130301		1.00		98.1	%	90-110	10/26/2004	2132
CCB			-0.0022335							10/26/2004	2144

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99879558		2.00		99.9	%	90-110	09/20/2004	1028
ICV		M0368	1.00219981		1.00		100.2	%	90-110	09/20/2004	1037
ICV		M0380	1.01660986		1.00		101.7	%	90-110	09/20/2004	1046
ICB			0.00009039							09/20/2004	1100
ICB			0.00023381							09/20/2004	1112
ICV		M0393	0.49650668		0.500		99.3	%	90-110	09/20/2004	1116
CCV		M0388	1.00179512		1.00		100.2	%	90-110	09/20/2004	1121
CCB			0.00029484							09/20/2004	1130
MB		3010	-0.0000571							09/20/2004	1226
LCS		M351	0.49829363		0.500		99.7	%	80-120	09/20/2004	1233
CCV		M0388	1.01085173		1.00		101.1	%	90-110	09/20/2004	1307
CCB			0.00000320							09/20/2004	1319
MS	226775-9	M351	0.47710836		0.500	0.00577985	94.3	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.47930042	0.47710836	0.500	0.00577985	94.7	%	75-125	09/20/2004	1339
							0.5	R	20		
CCV		M0388	1.00364749		1.00		100.4	%	90-110	09/20/2004	1403
CCB			0.00055071							09/20/2004	1415
LCS		M351	0.49661200		0.500		99.3	%	80-120	09/20/2004	1451
CCV		M0388	0.99541745		1.00		99.5	%	90-110	09/20/2004	1500
CCB			0.00008671							09/20/2004	1512
CCV		M0388	0.98668698		1.00		98.7	%	90-110	09/20/2004	1541
CCB			-0.0000683							09/20/2004	1553
MB		3050	0.00017652							09/20/2004	1645
LCS		M351	0.49051070		0.500		98.1	%	72-127	09/20/2004	1652
LCS		M383D	1.68010691		2.07		81.2	%	72-127	09/20/2004	1658
CCV		M0388	0.98858941		1.00		98.9	%	90-110	09/20/2004	1732
CCB			0.00058495							09/20/2004	1744
MS	226788-22	M351	0.45824754		0.500	0.06420912	78.8	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.44268569	0.45824754	0.500	0.06420912	75.7	%	75-125	09/20/2004	1818
							3.5	R	20		
CCV		M0388	0.98344735		1.00		98.3	%	90-110	09/20/2004	1836
CCB			0.00011514							09/20/2004	1845
MB		3050	0.00003075							09/20/2004	1919
LCS		M351	0.43245414		0.500		86.5	%	72-127	09/20/2004	1926
CCV		M0388	0.98038992		1.00		98.0	%	90-110	09/20/2004	1931
CCB			0.00006152							09/20/2004	1943
LCS		M383D	1.73298123		2.07		83.7	%	72-127	09/20/2004	1947
MS	226796-7	M351	0.49695785		0.500	0.01767015	95.9	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.50788912	0.49695785	0.500	0.01767015	98.0	%	75-125	09/20/2004	2016
							2.2	R	20		
B			0.00001686							09/20/2004	2021
CCV		M0388	0.98065706		1.00		98.1	%	90-110	09/20/2004	2103
CCB			0.00020145							09/20/2004	2116

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99447185		2.00		99.7	%	90-110	09/20/2004	1028
ICV		M0368	1.01564866		1.00		101.6	%	90-110	09/20/2004	1037
ICV		M0380	1.06842364		1.00		106.8	%	90-110	09/20/2004	1046
ICB			-0.0001153							09/20/2004	1100
ICB			0.00020726							09/20/2004	1112
ICV		M0393	0.50530558		0.500		101.1	%	90-110	09/20/2004	1116
CCV		M0388	1.01241583		1.00		101.2	%	90-110	09/20/2004	1121
CCB			0.00004893							09/20/2004	1130
MB		3010	-0.0000039							09/20/2004	1226
LCS		M351	0.50112436		0.500		100.2	%	80-120	09/20/2004	1233
CCV		M0388	1.01254153		1.00		101.3	%	90-110	09/20/2004	1307
CCB			-0.0001912							09/20/2004	1319
MS	226775-9	M351	0.50077430		0.500	0.01921830	96.3	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.50259927	0.50077430	0.500	0.01921830	96.7	%	75-125	09/20/2004	1339
							0.4	R	20		
CCV		M0388	1.00551796		1.00		100.6	%	90-110	09/20/2004	1403
CCB			-0.0001772							09/20/2004	1415
LCS		M351	0.50123382		0.500		100.2	%	80-120	09/20/2004	1451
CCV		M0388	0.99782839		1.00		99.8	%	90-110	09/20/2004	1500
CCB			-0.0000192							09/20/2004	1512
CCV		M0388	0.98457610		1.00		98.5	%	90-110	09/20/2004	1541
CCB			-0.0000831							09/20/2004	1553
MB		3050	0.00009066							09/20/2004	1645
LCS		M351	0.48980973		0.500		98.0	%	72-128	09/20/2004	1652
LCS		M383D	1.74664496		2.10		83.2	%	72-128	09/20/2004	1658
CCV		M0388	0.97808898		1.00		97.8	%	90-110	09/20/2004	1732
CCB			0.00001981							09/20/2004	1744
CCV		M0388	0.97706301		1.00		97.7	%	90-110	09/20/2004	1836
CCB			-0.0001344							09/20/2004	1845
MB		3050	0.00005658							09/20/2004	1919
LCS		M351	0.43024509		0.500		86.0	%	72-128	09/20/2004	1926
CCV		M0388	0.97069083		1.00		97.1	%	90-110	09/20/2004	1931
CCB			-0.0002199							09/20/2004	1943
LCS		M383D	1.72418289		2.10		82.1	%	72-128	09/20/2004	1947
MS	226796-7	M351	0.46521787		0.500	0.01239034	90.6	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.48308537	0.46521787	0.500	0.01239034	94.1	%	75-125	09/20/2004	2016
							3.8	R	20		
B			-0.0005045							09/20/2004	2021
CCV		M0388	0.97176808		1.00		97.2	%	90-110	09/20/2004	2103
CCB			0.00000899							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98294160		2.00		99.1	%	90-110	10/08/2004	1144
ICV		M0368	1.02891844		1.00		102.9	%	90-110	10/08/2004	1153
ICB			-0.0001631							10/08/2004	1216
ICB			0.00000824							10/08/2004	1228
ICV		M0393	0.50385198		0.500		100.8	%	90-110	10/08/2004	1232

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.03609424		1.00		103.6	%	90-110	10/08/2004	1237
CCB			-0.0001487							10/08/2004	1250
MB		3050.	-0.0003134							10/08/2004	1303
LCS		M383D	2.02656844		2.10		96.5	%	72-128	10/08/2004	1312
MS	226788-27	M351F	0.78162976		0.860	0.11036339	78.1	%	75-125	10/08/2004	1340
MSD	226788-27	M351F	0.74122962	0.78162976	0.860	0.11036339	73.4	%	75-125	10/08/2004	1345
							5.3	R	20		
CCV		M0388	1.01303667		1.00		101.3	%	90-110	10/08/2004	1354
CCB			-0.0003804							10/08/2004	1406
CCV		M0388	0.99814640		1.00		99.8	%	90-110	10/08/2004	1448
CCB			-0.0003483							10/08/2004	1500
MB		3050	0.00010572							10/08/2004	1523
LCS		M383D	1.93359378		2.10		92.1	%	80-120	10/08/2004	1536
CCV		M0388	0.98343534		1.00		98.3	%	90-110	10/08/2004	1555
CCB			-0.0002488							10/08/2004	1607
MS	226602-27	M351F	0.77291949		0.860	0.02814859	86.6	%	75-125	10/08/2004	1611
MSD	226602-27	M351F	0.76503915	0.77291949	0.860	0.02814859	85.7	%	75-125	10/08/2004	1617
							1.0	R	20		
CCV		M0388	0.97181388		1.00		97.2	%	90-110	10/08/2004	1655
CCB			-0.0000485							10/08/2004	1707
CCV		M0388	0.96021474		1.00		96.0	%	90-110	10/08/2004	1747
CCB			-0.0001550							10/08/2004	1801
CCV		M0388	0.94339988		1.00		94.3	%	90-110	10/08/2004	1815
CCB			-0.0001882							10/08/2004	1827

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01002452		2.00		100.5	%	90-110	09/20/2004	1028
ICV		M0368	1.02408018		1.00		102.4	%	90-110	09/20/2004	1037
ICV		M0380	1.04336360		1.00		104.3	%	90-110	09/20/2004	1046
ICB			0.00095273							09/20/2004	1100
ICB			0.00052978							09/20/2004	1112
ICV		M0393	0.51351445		0.500		102.7	%	90-110	09/20/2004	1116
CCV		M0388	1.02261316		1.00		102.3	%	90-110	09/20/2004	1121
CCB			0.00072684							09/20/2004	1130
MB		3010	0.00093999							09/20/2004	1226
LCS		M351	0.50535603		0.500		101.1	%	80-120	09/20/2004	1233
CCV		M0388	1.02638002		1.00		102.6	%	90-110	09/20/2004	1307
CCB			0.00131539							09/20/2004	1319
MS	226775-9	M351	0.54810240		0.500	0.02927461	103.8	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.55460967	0.54810240	0.500	0.02927461	105.1	%	75-125	09/20/2004	1339
							1.2	R	20		
CCV		M0388	1.01582878		1.00		101.6	%	90-110	09/20/2004	1403
CCB			0.00120284							09/20/2004	1415
LCS		M351	0.50143480		0.500		100.3	%	80-120	09/20/2004	1451
CCV		M0388	1.00807212		1.00		100.8	%	90-110	09/20/2004	1500
CCB			0.00011700							09/20/2004	1512
CCV		M0388	0.99642183		1.00		99.6	%	90-110	09/20/2004	1541

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0014024							09/20/2004	1553
MB		3050	0.00092999							09/20/2004	1645
LCS		M351	0.49120666		0.500		98.2	%	67-133	09/20/2004	1652
LCS		M383D	0.73431133		0.85		86.4	%	67-133	09/20/2004	1658
CCV		M0388	0.99222202		1.00		99.2	%	90-110	09/20/2004	1732
CCB			0.00130071							09/20/2004	1744
CCV		M0388	0.99467928		1.00		99.5	%	90-110	09/20/2004	1836
CCB			0.00152179							09/20/2004	1845
MB		3050	0.00202417							09/20/2004	1919
LCS		M351	0.43435399		0.500		86.9	%	67-133	09/20/2004	1926
CCV		M0388	0.98599150		1.00		98.6	%	90-110	09/20/2004	1931
CCB			0.00071938							09/20/2004	1943
LCS		M383D	0.73735791		0.85		86.7	%	67-133	09/20/2004	1947
MS	226796-7	M351	0.49911901		0.500	0.04554067	90.7	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.53755542	0.49911901	0.500	0.04554067	98.4	%	75-125	09/20/2004	2016
							7.4	R	20		
B			0.00108792							09/20/2004	2021
CCV		M0388	0.98394800		1.00		98.4	%	90-110	09/20/2004	2103
CCB			0.00069770							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98275369		2.00		99.1	%	90-110	10/08/2004	1144
ICV		M0368	1.03312578		1.00		103.3	%	90-110	10/08/2004	1153
ICV		M0380	1.08827516		1.00		108.8	%	90-110	10/08/2004	1202
ICB			-0.0001938							10/08/2004	1216
ICB			0.00068242							10/08/2004	1228
ICV		M0393	0.51221282		0.500		102.4	%	90-110	10/08/2004	1232
CCV		M0388	1.05030636		1.00		105.0	%	90-110	10/08/2004	1237
CCB			-0.0002994							10/08/2004	1250
MB		3050.	0.00124904							10/08/2004	1303
LCS		M383D	0.82812713		0.85		97.4	%	67-133	10/08/2004	1312
MS	226788-27	M351F	0.87307822		0.860	0.18583463	79.9	%	75-125	10/08/2004	1340
MSD	226788-27	M351F	0.83015518	0.87307822	0.860	0.18583463	74.9	%	75-125	10/08/2004	1345
							5.0	R	20		
CCV		M0388	1.01806913		1.00		101.8	%	90-110	10/08/2004	1354
CCB			0.00084780							10/08/2004	1406
CCV		M0388	1.00399973		1.00		100.4	%	90-110	10/08/2004	1448
CCB			-0.0001557							10/08/2004	1500
MB		3050	0.00314885							10/08/2004	1523
LCS		M383D	0.78711228		0.85		92.6	%	80-120	10/08/2004	1536
CCV		M0388	0.99223614		1.00		99.2	%	90-110	10/08/2004	1555
CCB			-0.0010636							10/08/2004	1607
MS	226602-27	M351F	0.84964793		0.860	0.02138500	96.3	%	75-125	10/08/2004	1611
MSD	226602-27	M351F	0.83191213	0.84964793	0.860	0.02138500	94.2	%	75-125	10/08/2004	1617
							2.1	R	20		
CCV		M0388	0.98363852		1.00		98.4	%	90-110	10/08/2004	1655
CCB			0.00042150							10/08/2004	1707

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.96886366		1.00		96.9	%	90-110	10/08/2004	1747
CCB			-0.0003461							10/08/2004	1801
CCV		M0388	0.95138974		1.00		95.1	%	90-110	10/08/2004	1815
CCB			-0.0014287							10/08/2004	1827

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99314700		2.00		99.7	%	90-110	09/20/2004	1028
ICV		M0368	1.01443157		1.00		101.4	%	90-110	09/20/2004	1037
ICV		M0380	1.03171774		1.00		103.2	%	90-110	09/20/2004	1046
ICB			-0.0007096							09/20/2004	1100
ICB			-0.0009027							09/20/2004	1112
ICV		M0393	0.51233280		0.500		102.5	%	90-110	09/20/2004	1116
CCV		M0388	1.00320927		1.00		100.3	%	90-110	09/20/2004	1121
CCB			0.00005675							09/20/2004	1130
MB		3010	-0.0010392							09/20/2004	1226
LCS		M351	0.50165206		0.500		100.3	%	80-120	09/20/2004	1233
CCV		M0388	1.00284363		1.00		100.3	%	90-110	09/20/2004	1307
CCB			-0.0008724							09/20/2004	1319
MS	226775-9	M351	0.49854568		0.500	0.00751195	98.2	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.50009057	0.49854568	0.500	0.00751195	98.5	%	75-125	09/20/2004	1339
							0.3	R	20		
CCV		M0388	0.99138183		1.00		99.1	%	90-110	09/20/2004	1403
CCB			-0.0000662							09/20/2004	1415
LCS		M351	0.49922919		0.500		99.8	%	80-120	09/20/2004	1451
CCV		M0388	0.99558029		1.00		99.6	%	90-110	09/20/2004	1500
CCB			-0.0012550							09/20/2004	1512
CCV		M0388	0.96800460		1.00		96.8	%	90-110	09/20/2004	1541
CCB			-0.0011492							09/20/2004	1553
MB		3050	-0.0008314							09/20/2004	1645
LCS		M351	0.48884686		0.500		97.8	%	71-129	09/20/2004	1652
LCS		M383D	1.69054789		2.04		82.9	%	71-129	09/20/2004	1658
CCV		M0388	0.97522711		1.00		97.5	%	90-110	09/20/2004	1732
CCB			-0.0011414							09/20/2004	1744
CCV		M0388	0.97298706		1.00		97.3	%	90-110	09/20/2004	1836
CCB			0.00161308							09/20/2004	1845
MS		3050.	0.00579695					%	75-125	09/20/2004	1922
LCS		M351	0.44790629		0.500		89.6	%	71-129	09/20/2004	1926
CCV		M0388	0.97972711		1.00		98.0	%	90-110	09/20/2004	1931
CCB			0.00331831							09/20/2004	1943
LCS		M383D	1.70826422		2.04		83.7	%	71-129	09/20/2004	1947
MS	226796-7	M351	0.49330461		0.500	0.07564515	83.5	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.53547813	0.49330461	0.500	0.07564515	92.0	%	75-125	09/20/2004	2016
							8.2	R	20		
B			0.00764019							09/20/2004	2021
CCV		M0388	0.98889645		1.00		98.9	%	90-110	09/20/2004	2103
CCB			0.00209215							09/20/2004	2116

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00062457		2.00		100.0	%	90-110	10/08/2004	1144
ICV		M0368	1.03668383		1.00		103.7	%	90-110	10/08/2004	1153
ICV		M0380	1.05437198		1.00		105.4	%	90-110	10/08/2004	1202
ICB			-0.0002880							10/08/2004	1216
ICB			0.00012337							10/08/2004	1228
ICV		M0393	0.51495578		0.500		103.0	%	90-110	10/08/2004	1232
CCV		M0388	1.03006997		1.00		103.0	%	90-110	10/08/2004	1237
CCB			-0.0005914							10/08/2004	1250
MB		3050.	0.00036347							10/08/2004	1303
LCS		M383D	1.88550040		2.04		92.4	%	71-129	10/08/2004	1312
CCV		M0388	1.00205524		1.00		100.2	%	90-110	10/08/2004	1354
CCB			0.00080368							10/08/2004	1406
CCV		M0388	0.97970628		1.00		98.0	%	90-110	10/08/2004	1448
CCB			0.00005284							10/08/2004	1500
MB		3050	0.00639094							10/08/2004	1523
LCS		M383D	1.85000347		2.04		90.7	%	80-120	10/08/2004	1536
CCV		M0388	0.98711336		1.00		98.7	%	90-110	10/08/2004	1555
CCB			-0.0005898							10/08/2004	1607
MS	226602-27	M351F	0.80563886		0.860	0.05433781	87.4	%	75-125	10/08/2004	1611
MSD	226602-27	M351F	0.78085304	0.80563886	0.860	0.05433781	84.5	%	75-125	10/08/2004	1617
							3.1	R	20		
CCV		M0388	0.97419065		1.00		97.4	%	90-110	10/08/2004	1655
CCB			-0.0018295							10/08/2004	1707
CCV		M0388	0.95529760		1.00		95.5	%	90-110	10/08/2004	1747
CCB			0.00003301							10/08/2004	1801
CCV		M0388	0.95134122		1.00		95.1	%	90-110	10/08/2004	1815
CCB			-0.0004922							10/08/2004	1827

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98755286		2.00		99.4	%	90-110	09/20/2004	1028
ICV		M0368	1.00087059		1.00		100.1	%	90-110	09/20/2004	1037
ICV		M0380	0.99170766		1.00		99.2	%	90-110	09/20/2004	1046
ICB			-0.0001283							09/20/2004	1100
ICB			0.00001845							09/20/2004	1112
ICV		M0393	0.49805265		0.500		99.6	%	90-110	09/20/2004	1116
CCV		M0388	1.00677901		1.00		100.7	%	90-110	09/20/2004	1121
CCB			-0.0001053							09/20/2004	1130
MB		3010	-0.0002622							09/20/2004	1226
LCS		M351	0.50071376		0.500		100.1	%	80-120	09/20/2004	1233
CCV		M0388	1.01227913		1.00		101.2	%	90-110	09/20/2004	1307
CCB			-0.0000034							09/20/2004	1319
MS	226775-9	M351	5.07576677		0.500	4.61736647	91.7	%	75-125	09/20/2004	1334
MSD	226775-9	M351	4.96347245	5.07576677	0.500	4.61736647	69.2	%	75-125	09/20/2004	1339
							2.2	R	20		
CCV		M0388	1.00613205		1.00		100.6	%	90-110	09/20/2004	1403
CCB			0.00008043							09/20/2004	1415
LCS		M351	0.50072735		0.500		100.1	%	80-120	09/20/2004	1451

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.99812912		1.00		99.8	%	90-110	09/20/2004	1500
CCB			-0.0001434							09/20/2004	1512
CCV		M0388	0.98837255		1.00		98.8	%	90-110	09/20/2004	1541
CCB			-0.0000823							09/20/2004	1553
MB		3050	-0.0002248							09/20/2004	1645
LCS		M351	0.49259116		0.500		98.5	%	75-125	09/20/2004	1652
LCS		M383D	4.73873006		5.68		83.4	%	75-125	09/20/2004	1658
CCV		M0388	0.98892498		1.00		98.9	%	90-110	09/20/2004	1732
CCB			0.00024773							09/20/2004	1744
CCV		M0388	0.98462577		1.00		98.5	%	90-110	09/20/2004	1836
CCB			0.00037898							09/20/2004	1845
MB		3050	0.00720290							09/20/2004	1919
LCS		M351	0.43696955		0.500		87.4	%	75-125	09/20/2004	1926
CCV		M0388	0.97980140		1.00		98.0	%	90-110	09/20/2004	1931
CCB			0.00032584							09/20/2004	1943
LCS		M383D	4.71169088		5.68		83.0	%	75-125	09/20/2004	1947
MS	226796-7	M351	1.23468504		0.500	0.96346341	54.2	%	75-125	09/20/2004	2010
MSD	226796-7	M351	2.19852280	1.23468504	0.500	0.96346341	247.0	%	75-125	09/20/2004	2016
							56.1	R	20		
B			0.00121511							09/20/2004	2021
CCV		M0388	0.97602771		1.00		97.6	%	90-110	09/20/2004	2103
CCB			-0.0000458							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00469020		2.00		100.2	%	90-110	09/20/2004	1028
ICV		M0368	1.03496584		1.00		103.5	%	90-110	09/20/2004	1037
ICV		M0380	1.03518908		1.00		103.5	%	90-110	09/20/2004	1046
ICB			-0.0002527							09/20/2004	1100
ICB			-0.0006631							09/20/2004	1112
ICV		M0393	0.50633581		0.500		101.3	%	90-110	09/20/2004	1116
CCV		M0388	1.01253090		1.00		101.3	%	90-110	09/20/2004	1121
CCB			-0.0004450							09/20/2004	1130
MB		3010	-0.0000251							09/20/2004	1226
LCS		M351	0.50660927		0.500		101.3	%	80-120	09/20/2004	1233
CCV		M0388	1.02017966		1.00		102.0	%	90-110	09/20/2004	1307
CCB			0.00036315							09/20/2004	1319
MS	226775-9	M351	0.53784780		0.500	0.04823181	97.9	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.53661515	0.53784780	0.500	0.04823181	97.7	%	75-125	09/20/2004	1339
							0.2	R	20		
CCV		M0388	1.01341325		1.00		101.3	%	90-110	09/20/2004	1403
CCB			-0.0000670							09/20/2004	1415
LCS		M351	0.50412073		0.500		100.8	%	80-120	09/20/2004	1451
CCV		M0388	1.00397412		1.00		100.4	%	90-110	09/20/2004	1500
CCB			-0.0000179							09/20/2004	1512
CCV		M0388	0.99277401		1.00		99.3	%	90-110	09/20/2004	1541
CCB			0.00038531							09/20/2004	1553
MB		3050	0.00044717							09/20/2004	1645

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.49575825		0.500		99.2	%	72-128	09/20/2004	1652
LCS		M383D	1.61546153		1.89		85.5	%	72-128	09/20/2004	1658
CCV		M0388	0.99470391		1.00		99.5	%	90-110	09/20/2004	1732
CCB			0.00018014							09/20/2004	1744
CCV		M0388	0.99184086		1.00		99.2	%	90-110	09/20/2004	1836
CCB			-0.0003024							09/20/2004	1845
MB		3050	0.00069401							09/20/2004	1919
LCS		M351	0.43541325		0.500		87.1	%	72-128	09/20/2004	1926
CCV		M0388	0.98706471		1.00		98.7	%	90-110	09/20/2004	1931
CCB			0.00037209							09/20/2004	1943
LCS		M383D	1.56784759		1.89		83.0	%	72-128	09/20/2004	1947
MS	226796-7	M351	0.48264073		0.500	0.02097370	92.3	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.49312729	0.48264073	0.500	0.02097370	94.4	%	75-125	09/20/2004	2016
							2.1	R	20		
B			-0.0002045							09/20/2004	2021
CCV		M0388	0.99004003		1.00		99.0	%	90-110	09/20/2004	2103
CCB			0.00015243							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99989695		2.00		100.0	%	90-110	10/08/2004	1144
ICV		M0368	1.02161077		1.00		102.2	%	90-110	10/08/2004	1153
ICV		M0380	1.08655678		1.00		108.7	%	90-110	10/08/2004	1202
ICB			0.00032997							10/08/2004	1216
ICB			0.00025090							10/08/2004	1228
ICV		M0393	0.50629019		0.500		101.3	%	90-110	10/08/2004	1232
CCV		M0388	1.03826902		1.00		103.8	%	90-110	10/08/2004	1237
CCB			0.00037224							10/08/2004	1250
MB		3050.	0.00032809							10/08/2004	1303
LCS		M383D	1.80110964		1.89		95.3	%	72-128	10/08/2004	1312
MS	226788-27	M351F	0.79487072		0.860	0.10974948	79.7	%	75-125	10/08/2004	1340
MSD	226788-27	M351F	0.75902575	0.79487072	0.860	0.10974948	75.5	%	75-125	10/08/2004	1345
							4.6	R	20		
CCV		M0388	1.01579449		1.00		101.6	%	90-110	10/08/2004	1354
CCB			0.00042178							10/08/2004	1406
CCV		M0388	1.00442959		1.00		100.4	%	90-110	10/08/2004	1448
CCB			0.00048783							10/08/2004	1500
MB		3050	0.00086485							10/08/2004	1523
LCS		M383D	1.71601224		1.89		90.8	%	80-120	10/08/2004	1536
CCV		M0388	0.99565171		1.00		99.6	%	90-110	10/08/2004	1555
CCB			0.00037749							10/08/2004	1607
MS	226602-27	M351F	0.80446011		0.860	0.04184214	88.7	%	75-125	10/08/2004	1611
MSD	226602-27	M351F	0.79061283	0.80446011	0.860	0.04184214	87.1	%	75-125	10/08/2004	1617
							1.7	R	20		
CCV		M0388	0.98762260		1.00		98.8	%	90-110	10/08/2004	1655
CCB			0.00078008							10/08/2004	1707
CCV		M0388	0.97460661		1.00		97.5	%	90-110	10/08/2004	1747
CCB			0.00016052							10/08/2004	1801

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99034 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.96006555		1.00		96.0	%	90-110	10/08/2004	1815
CCB			0.00087402							10/08/2004	1827

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.94871841		2.00		97.4	%	90-110	09/20/2004	1028
ICV		M0368	0.97808922		1.00		97.8	%	90-110	09/20/2004	1037
ICV		M0380	0.98989297		1.00		99.0	%	90-110	09/20/2004	1046
ICB			0.00476285							09/20/2004	1100
ICB			0.00225103							09/20/2004	1112
ICV		M0393	0.49345653		0.500		98.7	%	90-110	09/20/2004	1116
CCV		M0388	0.98056444		1.00		98.1	%	90-110	09/20/2004	1121
CCB			0.00855291							09/20/2004	1130
MB		3010.	0.00197844							09/20/2004	1230
LCS		M351	0.48350113		0.500		96.7	%	80-120	09/20/2004	1233
CCV		M0388	0.98257173		1.00		98.3	%	90-110	09/20/2004	1307
CCB			0.00692730							09/20/2004	1319
MS	226775-9	M351	0.45915378		0.500	0.00250399	91.3	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.46217013	0.45915378	0.500	0.00250399	91.9	%	75-125	09/20/2004	1339
							0.7	R	20		
CCV		M0388	0.97105460		1.00		97.1	%	90-110	09/20/2004	1403
CCB			0.00585330							09/20/2004	1408
LCS		M351	0.48600543		0.500		97.2	%	80-120	09/20/2004	1451
CCV		M0388	0.98076173		1.00		98.1	%	90-110	09/20/2004	1500
CCB			0.00321031							09/20/2004	1512
CCV		M0388	0.95531076		1.00		95.5	%	90-110	09/20/2004	1541
CCB			0.00244581							09/20/2004	1553
MB		3050	-0.0004801							09/20/2004	1645
LCS		M351	0.47269277		0.500		94.5	%	59-141	09/20/2004	1652
LCS		M383D	0.80156020		0.996		80.5	%	59-141	09/20/2004	1658
CCV		M0388	0.95664645		1.00		95.7	%	90-110	09/20/2004	1732
CCB			0.00338890							09/20/2004	1744
MS	226788-22	M351	0.37311467		0.500	-0.0087579	76.4	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.36698721	0.37311467	0.500	-0.0087579	75.1	%	75-125	09/20/2004	1818
							1.7	R	20		
CCV		M0388	0.95226980		1.00		95.2	%	90-110	09/20/2004	1836
CCB			-0.0007353							09/20/2004	1845
MB		3050	0.00424547							09/20/2004	1919
LCS		M351	0.39779533		0.500		79.6	%	59-141	09/20/2004	1926
CCV		M0388	0.94607742		1.00		94.6	%	90-110	09/20/2004	1931
CCB			0.00081496							09/20/2004	1943
LCS		M383D	0.81256864		0.996		81.6	%	59-141	09/20/2004	1947
MS	226796-7	M351	0.43707376		0.500	-0.0085065	89.1	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.44607907	0.43707376	0.500	-0.0085065	90.9	%	75-125	09/20/2004	2016
							2.0	R	20		
B			0.00120579							09/20/2004	2021
CCV		M0388	0.95255763		1.00		95.3	%	90-110	09/20/2004	2103
CCB			0.00010280							09/20/2004	2116

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.00468623		1.0		100.5	%	90-110	09/20/2004	1028
ICV		M0369	1.03158337		1.00		103.2	%	90-110	09/20/2004	1042
ICB			-0.0004130							09/20/2004	1100
ICB			0.00098901							09/20/2004	1112
ICV		M0393	0.50415929		0.500		100.8	%	90-110	09/20/2004	1116
CCV		M0388	0.50526907		0.50		101.1	%	90-110	09/20/2004	1121
CCB			-0.0001247							09/20/2004	1130
MB		3010	0.00074992							09/20/2004	1226
LCS		M351	0.24687935		0.25		98.8	%	80-120	09/20/2004	1233
CCV		M0388	0.50722325		0.50		101.4	%	90-110	09/20/2004	1307
CCB			-0.0005594							09/20/2004	1319
MS	226775-9	M351	0.23618699		0.25	0.00023262	94.4	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.23711788	0.23618699	0.25	0.00023262	94.8	%	75-125	09/20/2004	1339
							0.4	R	20		
CCV		M0388	0.50135263		0.50		100.3	%	90-110	09/20/2004	1403
CCB			-0.0000490							09/20/2004	1415
LCS		M351	0.24513068		0.25		98.1	%	80-120	09/20/2004	1451
CCV		M0388	0.49850531		0.50		99.7	%	90-110	09/20/2004	1500
CCB			-0.0003713							09/20/2004	1512
CCV		M0388	0.49130695		0.50		98.3	%	90-110	09/20/2004	1541
CCB			0.00033083							09/20/2004	1553
MB		3050	-0.0004501							09/20/2004	1645
LCS		M351	0.23392412		0.25		93.6	%	11-189	09/20/2004	1652
LCS		M383D	0.90447691		0.953		94.9	%	11-189	09/20/2004	1658
CCV		M0388	0.49008589		0.50		98.0	%	90-110	09/20/2004	1732
CCB			-0.0001859							09/20/2004	1744
MS	226788-22	M351	0.19821511		0.25	0.00046441	79.1	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.19997874	0.19821511	0.25	0.00046441	79.8	%	75-125	09/20/2004	1818
							0.9	R	20		
CCV		M0388	0.49211044		0.50		98.4	%	90-110	09/20/2004	1836
CCB			-0.0008105							09/20/2004	1845
MB		3050	-0.0001102							09/20/2004	1919
LCS		M351	0.21318360		0.25		85.3	%	11-189	09/20/2004	1926
CCV		M0388	0.48751533		0.50		97.5	%	90-110	09/20/2004	1931
CCB			-0.0009008							09/20/2004	1943
LCS		M383D	0.93577080		0.953		98.2	%	11-189	09/20/2004	1947
MS	226796-7	M351	0.23680087		0.25	-0.0031704	96.0	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.24058914	0.23680087	0.25	-0.0031704	97.5	%	75-125	09/20/2004	2016
							1.6	R	20		
B			-0.0003875							09/20/2004	2021
CCV		M0388	0.48618464		0.50		97.2	%	90-110	09/20/2004	2103
CCB			0.00067691							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.97353686		2.00		98.7	%	90-110	09/20/2004	1028
ICV		M0368	1.00364071		1.00		100.4	%	90-110	09/20/2004	1037
ICV		M0380	1.00779761		1.00		100.8	%	90-110	09/20/2004	1046

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.00129263							09/20/2004	1100
ICB			0.00109261							09/20/2004	1112
ICV		M0393	0.50473951		0.500		100.9	%	90-110	09/20/2004	1116
CCV		M0388	1.00397540		1.00		100.4	%	90-110	09/20/2004	1121
CCB			0.00170874							09/20/2004	1130
MB		3010	0.00136152							09/20/2004	1226
LCS		M351	0.49868111		0.500		99.7	%	80-120	09/20/2004	1233
CCV		M0388	1.00201842		1.00		100.2	%	90-110	09/20/2004	1307
CCB			-0.0000970							09/20/2004	1319
MS	226775-9	M351	0.47188477		0.500	-0.0071258	95.8	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.47718014	0.47188477	0.500	-0.0071258	96.9	%	75-125	09/20/2004	1339
							1.1	R	20		
CCV		M0388	0.98910985		1.00		98.9	%	90-110	09/20/2004	1403
CCB			-0.0002843							09/20/2004	1415
LCS		M351	0.48460179		0.500		96.9	%	80-120	09/20/2004	1451
CCV		M0388	0.99192076		1.00		99.2	%	90-110	09/20/2004	1500
CCB			0.00005799							09/20/2004	1512
CCV		M0388	0.97015075		1.00		97.0	%	90-110	09/20/2004	1541
CCB			-0.0009534							09/20/2004	1553
MB		3050	0.00141187							09/20/2004	1645
LCS		M351	0.47937595		0.500		95.9	%	56-144	09/20/2004	1652
LCS		M383D	1.52137523		1.85		82.2	%	56-144	09/20/2004	1658
CCV		M0388	0.96963946		1.00		97.0	%	90-110	09/20/2004	1732
CCB			-0.0002797							09/20/2004	1744
MS	226788-22	M351	0.40801188		0.500	0.06792660	68.0	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.39447724	0.40801188	0.500	0.06792660	65.3	%	75-125	09/20/2004	1818
							3.4	R	20		
CCV		M0388	0.97267931		1.00		97.3	%	90-110	09/20/2004	1836
CCB			0.00100557							09/20/2004	1845
MB		3050	0.00117226							09/20/2004	1919
LCS		M351	0.41752964		0.500		83.5	%	56-144	09/20/2004	1926
CCV		M0388	0.96606251		1.00		96.6	%	90-110	09/20/2004	1931
CCB			-0.0007891							09/20/2004	1943
LCS		M383D	1.53965802		1.85		83.2	%	56-144	09/20/2004	1947
MS	226796-7	M351	0.43805869		0.500	-0.0152056	90.7	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.44847435	0.43805869	0.500	-0.0152056	92.7	%	75-125	09/20/2004	2016
							2.3	R	20		
B			-0.0014484							09/20/2004	2021
CCV		M0388	0.96812564		1.00		96.8	%	90-110	09/20/2004	2103
CCB			-0.0025115							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SN
Parameter.....: Tin (Sn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	2.02103152		2.00		101.1	%	90-110	09/20/2004	1031
ICV		M0374	0.93031932		1.00		93.0	%	90-110	09/20/2004	1051
ICB			-0.0021343							09/20/2004	1100
ICB			0.00070110							09/20/2004	1112
CCV		M0388	2.02982814		2.00		101.5	%	90-110	09/20/2004	1121

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SN
Parameter.....: Tin (Sn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0012490							09/20/2004	1130
MB		3010	-0.0020901							09/20/2004	1226
LCS		M351	1.01753666		1.00		101.8	%	80-120	09/20/2004	1233
CCV		M0388	2.02730012		2.00		101.4	%	90-110	09/20/2004	1307
CCB			-0.0025325							09/20/2004	1319
MS	226775-9	M351	0.97537377		1.00	-0.0060089	98.1	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.98579239	0.97537377	1.00	-0.0060089	99.2	%	75-125	09/20/2004	1339
							1.1	R	20		
CCV		M0388	1.99923960		2.00		100.0	%	90-110	09/20/2004	1403
CCB			-0.0032335							09/20/2004	1415
LCS		M351	1.00864360		1.00		100.9	%	80-120	09/20/2004	1451
CCV		M0388	2.00545783		2.00		100.3	%	90-110	09/20/2004	1500
CCB			-0.0027590							09/20/2004	1512
CCV		M0388	1.95190904		2.00		97.6	%	90-110	09/20/2004	1541
CCB			-0.0029850							09/20/2004	1553
MB		3050	-0.0021313							09/20/2004	1645
LCS		M351	1.01190303		1.00		101.2	%	11-189	09/20/2004	1652
LCS		M383D	1.27357357		1.41		90.3	%	11-189	09/20/2004	1658
CCV		M0388	1.95785646		2.00		97.9	%	90-110	09/20/2004	1732
CCB			-0.0033149							09/20/2004	1744
CCV		M0388	1.94621537		2.00		97.3	%	90-110	09/20/2004	1836
CCB			-0.0021772							09/20/2004	1845
MB		3050	-0.0035007							09/20/2004	1919
LCS		M351	0.87745417		1.00		87.7	%	11-189	09/20/2004	1926
CCV		M0388	1.95104090		2.00		97.6	%	90-110	09/20/2004	1931
CCB			-0.0031453							09/20/2004	1943
LCS		M383D	1.29211630		1.41		91.6	%	11-189	09/20/2004	1947
MS	226796-7	M351	0.92645336		1.00	-0.0082338	93.5	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.92555667	0.92645336	1.00	-0.0082338	93.4	%	75-125	09/20/2004	2016
							0.1	R	20		
B			-0.0037812							09/20/2004	2021
CCV		M0388	1.96870544		2.00		98.4	%	90-110	09/20/2004	2103
CCB			-0.0033879							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98621040		2.00		99.3	%	90-110	09/20/2004	1028
ICV		M0368	0.98342264		1.00		98.3	%	90-110	09/20/2004	1037
ICV		M0380	1.00210047		1.00		100.2	%	90-110	09/20/2004	1046
ICB			-0.0005147							09/20/2004	1100
ICB			-0.0000341							09/20/2004	1112
ICV		M0393	0.48500625		0.500		97.0	%	90-110	09/20/2004	1116
CCV		M0388	0.97462687		1.00		97.5	%	90-110	09/20/2004	1121
CCB			0.00035320							09/20/2004	1130
MB		3010	-0.0005071							09/20/2004	1226
LCS		M351	0.48042326		0.500		96.1	%	80-120	09/20/2004	1233
CCV		M0388	0.98277365		1.00		98.3	%	90-110	09/20/2004	1307
CCB			-0.0002730							09/20/2004	1319

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226775-9	M351	0.46980496		0.500	0.00186392	93.6	%	75-125	09/20/2004	1334
MSD	226775-9	M351	0.47132556	0.46980496	0.500	0.00186392	93.9	%	75-125	09/20/2004	1339
							0.3	R	20		
CCV		M0388	0.97778279		1.00		97.8	%	90-110	09/20/2004	1403
CCB			-0.0002492							09/20/2004	1415
LCS		M351	0.48448851		0.500		96.9	%	80-120	09/20/2004	1451
CCV		M0388	0.97354508		1.00		97.4	%	90-110	09/20/2004	1500
CCB			0.00070176							09/20/2004	1512
CCV		M0388	0.96834492		1.00		96.8	%	90-110	09/20/2004	1541
CCB			0.00012977							09/20/2004	1553
MB		3050	0.00021204							09/20/2004	1645
LCS		M351	0.47847891		0.500		95.7	%	65-135	09/20/2004	1652
LCS		M383D	1.65749861		2.04		81.2	%	65-135	09/20/2004	1658
CCV		M0388	0.96629696		1.00		96.6	%	90-110	09/20/2004	1732
CCB			0.00008977							09/20/2004	1744
MS	226788-22	M351	0.49851848		0.500	0.12796901	74.1	%	75-125	09/20/2004	1813
MSD	226788-22	M351	0.48206850	0.49851848	0.500	0.12796901	70.8	%	75-125	09/20/2004	1818
							3.4	R	20		
CCV		M0388	0.96468544		1.00		96.5	%	90-110	09/20/2004	1836
CCB			0.00010668							09/20/2004	1845
MB		3050	0.00082501							09/20/2004	1919
LCS		M351	0.42056845		0.500		84.1	%	65-135	09/20/2004	1926
CCV		M0388	0.95866975		1.00		95.9	%	90-110	09/20/2004	1931
CCB			-0.0003287							09/20/2004	1943
LCS		M383D	1.74382157		2.04		85.5	%	65-135	09/20/2004	1947
MS	226796-7	M351	0.54026871		0.500	0.06163266	95.7	%	75-125	09/20/2004	2010
MSD	226796-7	M351	0.55490599	0.54026871	0.500	0.06163266	98.7	%	75-125	09/20/2004	2016
							2.7	R	20		
B			0.00030875							09/20/2004	2021
CCV		M0388	0.95105602		1.00		95.1	%	90-110	09/20/2004	2103
CCB			0.00058178							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00479103		2.00		100.2	%	90-110	09/20/2004	1028
ICV		M0368	1.01742860		1.00		101.7	%	90-110	09/20/2004	1037
ICV		M0380	1.04412667		1.00		104.4	%	90-110	09/20/2004	1046
ICB			-0.0001917							09/20/2004	1100
ICB			0.25240591							09/20/2004	1112
ICV		M0393	0.50656369		0.500		101.3	%	90-110	09/20/2004	1116
CCV		M0388	1.00329472		1.00		100.3	%	90-110	09/20/2004	1121
CCB			0.00000902							09/20/2004	1134
MB		3010	0.00481629							09/20/2004	1226
LCS		M351	0.49483518		0.500		99.0	%	80-120	09/20/2004	1233
CCV		M0388	1.00560585		1.00		100.6	%	90-110	09/20/2004	1307
CCB			-0.0000597							09/20/2004	1319
MS	226775-9	M351	4.07215142		0.500	3.53186872	108.1	%	75-125	09/20/2004	1334
MSD	226775-9	M351	4.04435499	4.07215142	0.500	3.53186872	102.5	%	75-125	09/20/2004	1339
							0.7	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98368 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	0.99911588		1.00		99.9	%	90-110	09/20/2004	1403
CCB			0.00002910							09/20/2004	1415
LCS		M351	0.50342894		0.500		100.7	%	80-120	09/20/2004	1451
CCV		M0388	0.99074062		1.00		99.1	%	90-110	09/20/2004	1500
CCB			-0.0001492							09/20/2004	1512
CCV		M0388	0.97544551		1.00		97.5	%	90-110	09/20/2004	1541
CCB			-0.0001801							09/20/2004	1553
MB		3050	0.00132417							09/20/2004	1645
LCS		M351	0.47600071		0.500		95.2	%	69-131	09/20/2004	1652
LCS		M383D	2.72756620		3.29		82.9	%	69-131	09/20/2004	1658
CCV		M0388	1.03203498		1.00		103.2	%	90-110	09/20/2004	1732
CCB			0.00980371							09/20/2004	1744
CCV		M0388	1.03608848		1.00		103.6	%	90-110	09/20/2004	1836
CCB			0.10722488							09/20/2004	1845
MS		3050.	0.13384506					%	75-125	09/20/2004	1922
LCS		M351	0.51970596		0.500		103.9	%	69-131	09/20/2004	1926
CCV		M0388	1.03902816		1.00		103.9	%	90-110	09/20/2004	1931
CCB			0.02254570							09/20/2004	1943
LCS		M383D	2.73829597		3.29		83.2	%	69-131	09/20/2004	1947
B			0.05164415							09/20/2004	2021
CCV		M0388	1.00256277		1.00		100.3	%	90-110	09/20/2004	2103
CCB			0.01189099							09/20/2004	2116

Test Method.....: SW-846 6010B Batch.....: 99144 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0386	10.0628		10.0		100.6	%	90-110	10/12/2004	1352
ICV		M0368	1.0902		1.00		109.0	%	90-110	10/12/2004	1408
LSC		M0394	0.0471		0.0200					10/12/2004	1423
ICB			0.0010							10/12/2004	1428
CCV		M0389	5.1592		5.00		103.2	%	90-110	10/12/2004	1438
CCB			0.0096							10/12/2004	1441
MB		3050	0.0161							10/12/2004	1458
LCS		M351	0.8571		1.000		85.7	%	69-131	10/12/2004	1502
LCS		M383D	2.9073		3.29		88.4	%	69-131	10/12/2004	1504
CCV		M0389	5.2513		5.00		105.0	%	90-110	10/12/2004	1600
CCB			0.0118							10/12/2004	1605
MB		3050	0.0324							10/12/2004	1617
LCS		M351	0.5278		1.000		105.6	%	69-131	10/12/2004	1619
LCS		M383D	3.0970		3.29		94.1	%	69-131	10/12/2004	1621
MB		3050	0.0305							10/12/2004	1642
LCS		M351	0.8103		1.000		81.0	%	69-131	10/12/2004	1655
LCS		M383D	2.7839		3.29		84.6	%	69-131	10/12/2004	1658
CCV		M0389	5.2697		5.00		105.4	%	90-110	10/12/2004	1725
CCB			0.0403							10/12/2004	1727
PDS	226788-33	M351D	1.9845		2.00	0.4524	76.6	%	75-125	10/12/2004	1743
PSD	226788-33	M351D	2.0244	1.9845	2.00	0.4524	78.6	%	75-125	10/12/2004	1745
							2.0	R	20		
PDS	226788-38	M351D	1.9185		2.00	0.3938	76.2	%	75-125	10/12/2004	1747

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226796 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99144 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
PSD	226788-38	M351D	1.9622	1.9185	2.00	0.3938	78.4	%	75-125	10/12/2004	1753
							2.3	R	20		
CCV		M0389	5.3626		5.00		107.3	%	90-110	10/12/2004	1800
CCB			0.0236							10/12/2004	1802

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Original

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Report

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Certificate of Analysis

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ANALYTICAL REPORT

Encycle/Asarco

Lot #: I4I210352

Olga McDonald

STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

SEVERN TRENT LABORATORIES, INC.

Neal J. Salcher
Project Manager

September 28, 2004

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

September 29, 2004

STL LOT NUMBER: **I4I210352**
PO/CONTRACT: 226796

Olga McDonald
STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

Dear Olga McDonald,

This report contains the analytical results for the eight samples received under chain of custody by Severn Trent Laboratories (STL) on September 21, 2004. These samples are associated with your Encycle/Asarco project.

All applicable quality control procedures met method-specified acceptance criteria.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me.

Sincerely,

Neal Salcher
Project Manager

cc: Project File

EXECUTIVE SUMMARY - Detection Highlights

I4I210352

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

ANALYTICAL METHODS SUMMARY

I4I210352

PARAMETER	ANALYTICAL METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I4I210352

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GQQVQ	001	226796-1	09/16/04	11:30
GQQVR	002	226796-3	09/16/04	10:00
GQQVW	003	226796-5	09/16/04	10:20
GQQVX	004	226796-7	09/16/04	10:40
GQQV0	005	226796-9	09/16/04	13:45
GQQV1	006	226796-11	09/16/04	13:20
GQQV4	007	226796-13	09/16/04	12:50
GQQV5	008	226796-15	09/16/04	12:20

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I4I210352

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 6010B		4267483	4267260
002	SOLID	SW846 6010B		4267483	4267260
003	SOLID	SW846 6010B		4267483	4267260
004	SOLID	SW846 6010B		4267483	4267260
005	SOLID	SW846 6010B		4267483	4267260
006	SOLID	SW846 6010B		4267483	4267260
007	SOLID	SW846 6010B		4267483	4267260
008	SOLID	SW846 6010B		4267483	4267260

STL CORPUS CHRISTI

Client Sample ID: 226796-1

TOTAL Metals

Lot-Sample #...: I4I210352-001 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 11:30 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.7	mg/kg	SW846 6010B	09/23-09/24/04	GQQVQ1AC
		Dilution Factor: 0.74		Analysis Time..: 10:15	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-3

TOTAL Metals

Lot-Sample #...: I4I210352-002 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 10:00 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.9	mg/kg	SW846 6010B	09/23-09/24/04	GQQVR1AC
		Dilution Factor: 0.78		Analysis Time..: 10:20	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-5

TOTAL Metals

Lot-Sample #...: I4I210352-003 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 10:20 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.4	mg/kg	SW846 6010B	09/23-09/24/04	GQQVW1AC
		Dilution Factor: 0.68		Analysis Time..: 10:36	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-7

TOTAL Metals

Lot-Sample #...: I4I210352-004 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 10:40 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.8	mg/kg	SW846 6010B	09/23-09/24/04	GQQVX1AC
		Dilution Factor: 0.76		Analysis Time..: 10:41	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-9

TOTAL Metals

Lot-Sample #...: I4I210352-005 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 13:45 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	2.5	mg/kg	SW846 6010B	09/23-09/24/04	GQQV01AC
		Dilution Factor: 0.5		Analysis Time..: 10:46	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-11

TOTAL Metals

Lot-Sample #...: I4I210352-006 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 13:20 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.6	mg/kg	SW846 6010B	09/23-09/24/04	GQQV11AC
		Dilution Factor: 0.72		Analysis Time..: 10:51	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-13

TOTAL Metals

Lot-Sample #...: I4I210352-007 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 12:50 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.6	mg/kg	SW846 6010B	09/23-09/24/04	GQQV41AC
		Dilution Factor: 0.72		Analysis Time..: 10:57	MS Run #.....: 4267260	

STL CORPUS CHRISTI

Client Sample ID: 226796-15

TOTAL Metals

Lot-Sample #...: I4I210352-008 **Matrix.....:** SOLID
Date Sampled...: 09/16/04 12:20 **Date Received..:** 09/21/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4267483						
Bismuth	ND	3.5	mg/kg	SW846 6010B	09/23-09/24/04	GQQV51AC
		Dilution Factor: 0.7		Analysis Time..: 11:02	MS Run #.....: 4267260	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I4I210352 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I4I230000-483 **Prep Batch #...:** 4267483						
Bismuth	ND	5.0	mg/kg	SW846 6010B	09/23-09/24/04	GQ0281AX
		Dilution Factor: 1				
		Analysis Time..: 09:34				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4I210352 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4I230000-483 **Prep Batch #...:** 4267483					
Bismuth	97	(80 - 120)	SW846 6010B	09/23-09/24/04	GQ0281A0
		Dilution Factor: 1		Analysis Time..: 09:39	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4I210352 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4I230000-483 **Prep Batch #...:** 4267483							
Bismuth	50.0	48.5	mg/kg	97	SW846 6010B	09/23-09/24/04	GQ0281A0
		Dilution Factor: 1			Analysis Time..: 09:39		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4I210352 **Matrix.....:** SOLID
Date Sampled...: 08/24/04 10:20 **Date Received..:** 08/25/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4I160295-001 **Prep Batch #...:** 4267483							
						% Moisture.....: 100	
Bismuth	97	(75 - 125)			SW846 6010B	09/23-09/24/04	GQDNT1CD
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	09/23-09/24/04	GQDNT1CE

Dilution Factor: 0.93
Analysis Time..: 09:59
MS Run #.....: 4267260

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4I210352 **Matrix.....:** SOLID
Date Sampled...: 08/24/04 10:20 **Date Received..:** 08/25/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4I160295-001 **Prep Batch #...:** 4267483									
								% Moisture.....: 100	
Bismuth									
	ND	46.7	47.8	mg/kg	97		SW846 6010B	09/23-09/24/04	GQDNT1CD
	ND	45.5	47.1	mg/kg	98	1.4	SW846 6010B	09/23-09/24/04	GQDNT1CE
			Dilution Factor: 0.93						
			Analysis Time..: 09:59						
			MS Run #.....: 4267260						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Report Attachment

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SQL (sample quantitation limit).

SEVERN TRENT STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I4I210352

RECEIVED BY: BJ

COC NUMBER:

DATE/TIME RECEIVED: 9/21/04 0815

QUOTE/PROFILE: 56827

UNPACKED DATE/TIME: 9/21/04 0850

CLIENT/PROJECT: STL Corpus Christi

SAMPLES LOGGED IN: BJ

LOG-IN REVIEWED: CT

Number of Shipping Containers Received with Chain of Custody: 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: BJ

Container Sealed: ☑ YES ☐ NO — Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO — Containers checked for radioactivity: ☐ YES ☐ NO ☑ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO — Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO — Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO — See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle) — Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap — Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: BJ **IR THERMOMETER #:** 1·S

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°; (NC, WI: 1-4.4°C)]*

TB (SC) 2.2	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC

If temperature is outside acceptable tolerance, Project Manager was notified (____PM). Date: Time:

Samples received do not require cooling — OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES **VERIFIED BY:** BJ

Base samples are>pH 12: ☐ YES ☐ NO — Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES — Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES — Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (____PM)

Date: Time: ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING *BUBBLES EXCEEDING 6MM IN DIAMETER:*

Sample ID	mm Headspace

Sample ID	mm Headspace

4.0 CONDITION OF BOTTLES/CONTAINERS VERIFIED BY: BF

Samples received match COC: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
See additional discrepancies/comments section: ☐ YES ☑ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☐ YES ☑ NO Air bill #: FedEx 7907 7012 9120

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Received 120ml per sample.

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: Mark Sabbe Date: 9/29/04

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

SEVERN TRENT **STL** I4I210352 TO STL - AUSTIN

No. 25698

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: STL Corpus Christi	PROJECT NAME/NUMBER:
SEND REPORT TO: Olga McDonald	**BILLING INFORMATION**
ADDRESS:	BILL TO:
	ADDRESS: same
PHONE: 361 / 289-2673	PHONE:
FAX: 361 / 289-2471	FAX: PO NO:

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Bi (6010)	REMARKS/PRECAUTIONS
	226796-1	9/16/04	11:30	Soil	4 oz	None	1	X	Attn: Neal Salcher
	226796-3		10:00				1	X	
	226796-5		10:20				1	X	
	226796-7		10:40				1	X	AS ARCO/Encycle Pricing
	226796-9		13:45				1	X	
	226796-11		13:20				1	X	2nd 9/21/04 BG
	226796-13		12:50				1	X	Good
	226796-15		12:20				1	X	

LAB JOB NO.

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Sharon LeBlanc	9/16/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1420	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Bill Jones	9/21/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY:	TIME 0815	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

End of

Subcontract Laboratory

Report(s)

SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/27/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/27/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 21831

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / ENSYCLE	PROJECT NAME/NUMBER: ENSYCLE RCRA CLOSURE
SEND REPORT TO: KEN BRADNER / RICH MARCUS	**BILLING INFORMATION**
ADDRESS: 711 N. Carancahua CC TX 78475	BILL TO: RICH MARCUS
	ADDRESS:
PHONE: 883 1353	PHONE:
FAX: 8837565	FAX: PO NO:

3.7°C

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST	REMARKS/PRECAUTIONS
	FAC 2 Cranch 5 0-0.5'	9-16-04	1130	S	8oz glass	T	1	X	ANALYZE ALL 0-0.5' SAMPLES & HOLD ALL 2-2.5' SAMPLES PENDING NOTIFICATION FROM KEN BRADNER.
	FAC 2 Cranch 5 2-2.5		1140				1	HOLD	
	FAC 2 Cranch 6 0-0.5'						1	X	
	FAC 2 Cranch 6 2-2.5'						1	HOLD	
	FAC 2 Cranch 7 0-0.5		1000				1	X	
	FAC 2 Cranch 7 2-2.5'		1010				1	HOLD	
	FAC 2 Cranch 8 0-0.5'		1020				1	X	
	FAC 2 Cranch 8 2-2.5		1030				1	HOLD	
	FAC 2 Cranch 9 0-0.5'		1040				1	X	
	FAC 2 Cranch 9 2-2.5		1050				1	HOLD	

SAMPLER: J. Clements

SHIPMENT METHOD: IN PERSON

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ■ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	9-16-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: J. CLEMENTS / ARCADIS	TIME 1622	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	9/16/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1622	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT **STL**

No. 21828

CHAIN OF CUSTODY RECORD

3.7°C

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / ENVICYCLE	PROJECT NAME/NUMBER: ENVICYCLE FLORA CLOSURE
SEND REPORT TO: KEN BRANDNER / RICH MARCUS	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA CC TX 78475	BILL TO: RICH MARCUS ADDRESS:
PHONE: 883 1353	PHONE:
FAX: 883 7565	FAX: PO NO:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: TOTAL As, Ba, Bi, Cd, Cr, Co, Cu, Pb, Mn, Ni, Sb, Se, Sn, V, Zn, Hg, Thallium & Cyanide	REMARKS/PRECAUTIONS
	FAL 2 Comp 0-0.5'	9-16-04		S	8oz glass		1	X	ANALYZE ALL 0-0.5' SAMPLES, HOLD ALL 2-2.5' SAMPLES PENDING NOTIFICATION FROM KEN BRANDNER
	FAL 2 Comp 2-2.5'						1	HOLD	
	FAL 2 CRACK 1 0-0.5'		1345				1	X	
	FAL 2 CRACK 1 2-2.5'		1355				1	HOLD	
	FAL 2 CRACK 2 0-0.5'		1320				1	X	
	FAL 2 CRACK 2 2-2.5'		1330				1	HOLD	
	FAL 2 CRACK 3 0-0.5'		1250				1	X	
	FAL 2 CRACK 3 2-2.5'		1300				1	HOLD	
	FAL 2 CRACK 4 0-0.5'		1220				1	X	
	FAL 2 CRACK 4 2-2.5'		1230				1	HOLD	

SAMPLER: J. CLEMENTS

SHIPMENT METHOD: IN PERSON

AIRBILL NO.: —

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	9-16-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: J. CLEMENTS / ARCADIS	TIME 1622	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	9/16/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1622	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 226940

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 10/27/2004

Olga Verónica McDonald
Signature

10/27/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 44

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 10/27/2004

Job Number.: 226940
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000084
Customer Project ID....: RCRA CLOSURE
Project Description....: Project - OVM

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226940-1	FAC 2 SUMP 0-0.5	Soil	09/29/2004	00:00	09/29/2004	12:50
226940-2	FAC 2 SUMP 2-2.5	Soil	09/29/2004	00:00	09/29/2004	12:50
226940-3	FAC 2 CRACK 6 0-0.5	Soil	09/29/2004	00:00	09/29/2004	12:50
226940-4	FAC 2 CRACK 6 DUP 0-0.5	Soil	09/29/2004	00:00	09/29/2004	12:50
226940-5	FAC 2 CRACK 6 2-2.5	Soil	09/29/2004	00:00	09/29/2004	12:50
226940-6	FAC 2 CRACK 6 DUP 2-2.5	Soil	09/29/2004	00:00	09/29/2004	12:50

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 SUMP 0-0.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-1
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	10/04/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	10/06/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			10/05/04	dev
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Arsenic (As), Solid	14	1	mg/Kg	09/30/04	jem
SW-846 6010B	Barium (Ba), Solid	57	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cadmium (Cd), Solid	449	1	mg/Kg	09/30/04	jem
SW-846 6010B	Chromium (Cr), Solid	8	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cobalt (Co), Solid	3	1	mg/Kg	09/30/04	jem
SW-846 6010B	Copper (Cu), Solid	282	1	mg/Kg	09/30/04	jem
SW-846 6010B	Lead (Pb), Solid	37	1	mg/Kg	09/30/04	jem
SW-846 6010B	Manganese (Mn), Solid	325	1	mg/Kg	09/30/04	jem
SW-846 6010B	Nickel (Ni), Solid	53	1	mg/Kg	09/30/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/30/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/30/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/30/04	jem
SW-846 6010B	Zinc (Zn), Solid	40600	10	mg/Kg	10/04/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete			09/30/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 SUMP 2-2.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-2
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	255	1	mg/Kg	10/11/04	jem
SW-846 6010B	Copper (Cu), Solid	83	1	mg/Kg	10/11/04	jem
SW-846 6010B	Nickel (Ni), Solid	62	1	mg/Kg	10/11/04	jem
SW-846 6010B	Zinc (Zn), Solid	20100	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete				ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 6 0-0.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-3
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	10/04/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	10/06/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			10/05/04	dev
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Arsenic (As), Solid	6	1	mg/Kg	09/30/04	jem
SW-846 6010B	Barium (Ba), Solid	33	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cadmium (Cd), Solid	112	1	mg/Kg	09/30/04	jem
SW-846 6010B	Chromium (Cr), Solid	8	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cobalt (Co), Solid	2	1	mg/Kg	09/30/04	jem
SW-846 6010B	Copper (Cu), Solid	45	1	mg/Kg	09/30/04	jem
SW-846 6010B	Lead (Pb), Solid	18	1	mg/Kg	09/30/04	jem
SW-846 6010B	Manganese (Mn), Solid	128	1	mg/Kg	09/30/04	jem
SW-846 6010B	Nickel (Ni), Solid	55	1	mg/Kg	09/30/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/30/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/30/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/30/04	jem
SW-846 6010B	Zinc (Zn), Solid	13100	10	mg/Kg	10/04/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete			09/30/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 6 DUP 0-0.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-4
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg), Solid	<0.2	0.2	mg/Kg	10/04/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	10/06/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			10/05/04	dev
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Arsenic (As), Solid	9	1	mg/Kg	09/30/04	jem
SW-846 6010B	Barium (Ba), Solid	141	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cadmium (Cd), Solid	378	1	mg/Kg	09/30/04	jem
SW-846 6010B	Chromium (Cr), Solid	4	1	mg/Kg	09/30/04	jem
SW-846 6010B	Cobalt (Co), Solid	6	1	mg/Kg	09/30/04	jem
SW-846 6010B	Copper (Cu), Solid	144	1	mg/Kg	09/30/04	jem
SW-846 6010B	Lead (Pb), Solid	17	1	mg/Kg	09/30/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Nickel (Ni), Solid	23	1	mg/Kg	09/30/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/30/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/30/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/30/04	jem
SW-846 6010B	Vanadium (V), Solid	14	1	mg/Kg	09/30/04	jem
SW-846 6010B	Zinc (Zn), Solid	65000	100	mg/Kg	10/04/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete			09/30/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 6 2-2.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-5
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	279	1	mg/Kg	10/11/04	jem
SW-846 6010B	Copper (Cu), Solid	187	1	mg/Kg	10/11/04	jem
SW-846 6010B	Nickel (Ni), Solid	39	1	mg/Kg	10/11/04	jem
SW-846 6010B	Zinc (Zn), Solid	39200	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete				ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226940 Date: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 6 DUP 2-2.5
Date Sampled.....: 09/29/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 226940-6
Date Received.....: 09/29/2004
Time Received.....: 12:50

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	312	1	mg/Kg	10/11/04	jem
SW-846 6010B	Copper (Cu), Solid	108	1	mg/Kg	10/11/04	jem
SW-846 6010B	Zinc (Zn), Solid	50500	10	mg/Kg	10/12/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges, Solid	Complete				ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7471A Batch.....: 98842 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/Kg Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M41004HG	0.00507		0.00500		101.4	%	90-110	10/04/2004	1332
ICB			-0.000078							10/04/2004	1337
SB		M0384HG	0.00755		0.007540		100.1	%	40-160	10/04/2004	1341
MB			0.000166							10/04/2004	1351
MS	226940-1	M41004HG	0.00583		0.00500	-0.000075	118.1	%	75-130	10/04/2004	1428
MSD	226940-1	M41004HG	0.00579	0.00583	0.00500	-0.000075	117.3	%	75-130	10/04/2004	1433
							0.7	R	20		
CCV		M41004HG	0.00545		0.00500		109.0	%	80-120	10/04/2004	1452
CCB			0.000124							10/04/2004	1456
CCV		M41004HG	0.00497		0.00500		99.4	%	80-120	10/04/2004	1510
CCB			-0.000017							10/04/2004	1515
SB		M0384HG	0.00752		0.007540		99.7	%	40-160	10/04/2004	1520
MB			-0.000066							10/04/2004	1524
CCV		M41004HG	0.00516		0.00500		103.2	%	80-120	10/04/2004	1607
CCB			-0.000046							10/04/2004	1611
MB			-0.000170							10/04/2004	1616

Test Method.....: EPA 9010B/9012A Batch.....: 98920 Analyst...: dev
Method Description.: Cyanide (Colorimetric, Automated) Units.....: mg/L Test Code.: CNT
Parameter.....: Cyanide, Total

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB		100604	-0.0079							10/06/2004	1445
CCV		CN041006E	0.3801		0.398		95.5	%	80-120	10/06/2004	1447
MB		100604	-0.0025							10/06/2004	1449
LCS		CN041006P	0.0423		0.0500		84.6	%	77-115	10/06/2004	1452
LCS		CN041006Q	0.0823		0.0999		82.4	%	77-115	10/06/2004	1454
LCS		CN041006R	0.1710		0.200		85.5	%	77-115	10/06/2004	1456
MS	227014-1	CN041006S	0.0405		0.0500	-0.0019	84.8	%	75-125	10/06/2004	1500
MSD	227014-1	CN041006S	0.0396	0.0405	0.0500	-0.0019	83.0	%	75-125	10/06/2004	1503
							2.2	R	20		
CCB		100604	-0.0069							10/06/2004	1505
CCV		CN041006E	0.3854		0.398		96.8	%	80-120	10/06/2004	1507
MB		100604	-0.075							10/06/2004	1509
LCS		CN041006U	6.825		7.49		91.1	%	77-115	10/06/2004	1511
LCD		CN041006U	7.065	6.825	7.49	6.825	94.3	%	77-115	10/06/2004	1514
							3.5	R	20		
MS	226940-1	CN041006V	2.190		2.50	0.1200	82.8	%	75-125	10/06/2004	1518
MSD	226940-1	CN041006V	2.225	2.190	2.50	0.1200	84.2	%	75-125	10/06/2004	1520
							1.6	R	20		
CCB		100604	-0.0013							10/06/2004	1538
CCV		CN041006E	0.3684		0.398		92.6	%	80-120	10/06/2004	1540

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	1.00583887		1.00		100.6	%	90-110	09/30/2004	1424
ICV		M0368	1.06653529		1.00		106.7	%	90-110	09/30/2004	1430
ICV		M0380	1.07222077		1.00		107.2	%	90-110	09/30/2004	1439
ICV		M0374	0.95949164		1.00		95.9	%	90-110	09/30/2004	1444
ICB			0.00016963							09/30/2004	1453
ICB			0.00105159							09/30/2004	1505
ICV		M0393	0.50128980		0.500		100.3	%	90-110	09/30/2004	1509
CCV		M0388	1.02170398		1.00		102.2	%	90-110	09/30/2004	1514
CCB			-0.0031569							09/30/2004	1526
CCV		M0388	1.00165607		1.00		100.2	%	90-110	09/30/2004	1603
CCB			-0.0001373							09/30/2004	1616
MB		3010	-0.0005266							09/30/2004	1655
LCS		M351	0.51208182		0.500		102.4	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.53997848		0.500	-0.0217280	112.3	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.54003217	0.53997848	0.500	-0.0217280	112.4	%	75-125	09/30/2004	1723
							0.0	R	20		
MB		3050	-0.0012310							09/30/2004	1731
LCS		M351	0.47247175		0.500		94.5	%	80-120	09/30/2004	1738
CCV		M0388	0.99161894		1.00		99.2	%	90-110	09/30/2004	1743
CCB			-0.0017792							09/30/2004	1755
MS	226901-1	M351	0.12489016		0.500	-0.0868247	42.3	%	75-125	09/30/2004	1838
CCV		M0388	0.97679286		1.00		97.7	%	90-110	09/30/2004	1844
CCB			-0.0018536							09/30/2004	1856
MSD	226901-1	M351	0.13119200	0.12489016	0.500	-0.0868247	43.6	%	75-125	09/30/2004	1859
							4.9	R	20		
CCV		M0388	0.96208511		1.00		96.2	%	90-110	09/30/2004	1926
CCB			0.00218911							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01418237		2.00		100.7	%	90-110	09/30/2004	1421
ICV		M0368	1.00171411		1.00		100.2	%	90-110	09/30/2004	1430
ICV		M0380	0.99785135		1.00		99.8	%	90-110	09/30/2004	1439
ICB			0.00201162							09/30/2004	1453
ICB			0.00166590							09/30/2004	1505
ICV		M0393	0.48384507		0.500		96.8	%	90-110	09/30/2004	1509
CCV		M0388	1.02065378		1.00		102.1	%	90-110	09/30/2004	1514
CCB			0.00093289							09/30/2004	1526
CCV		M0388	1.00834146		1.00		100.8	%	90-110	09/30/2004	1603
CCB			0.00138902							09/30/2004	1616
MB		3010	-0.0020399							09/30/2004	1655
LCS		M351	0.48745898		0.500		97.5	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.53898713		0.500	-0.0073486	109.3	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.53848811	0.53898713	0.500	-0.0073486	109.2	%	75-125	09/30/2004	1723
							0.1	R	20		
MB		3050	-0.0001489							09/30/2004	1731
LCS		M351	0.48753437		0.500		97.5	%	80-120	09/30/2004	1738
CCV		M0388	0.99708219		1.00		99.7	%	90-110	09/30/2004	1743

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0010234							09/30/2004	1755
LCS		M383D	2.13455777		2.31		92.4	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.51399760		0.500	0.04071344	94.7	%	75-125	09/30/2004	1838
CCV		M0388	0.98189201		1.00		98.2	%	90-110	09/30/2004	1844
CCB			0.00347791							09/30/2004	1856
MSD	226901-1	M351	0.49709408	0.51399760	0.500	0.04071344	91.3	%	75-125	09/30/2004	1859
							3.3	R	20		
CCV		M0388	0.97736499		1.00		97.7	%	90-110	09/30/2004	1926
CCB			0.00012077							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99374622		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0369	1.04345106		1.00		104.3	%	90-110	09/30/2004	1435
ICB			0.00032202							09/30/2004	1453
ICB			0.00027536							09/30/2004	1505
ICV		M0393	0.49061620		0.500		98.1	%	90-110	09/30/2004	1509
CCV		M0388	1.04619011		1.00		104.6	%	90-110	09/30/2004	1514
CCB			0.00032042							09/30/2004	1526
CCV		M0388	1.01456161		1.00		101.5	%	90-110	09/30/2004	1603
CCB			0.00034361							09/30/2004	1616
MB		3010	0.00046590							09/30/2004	1655
LCS		M351	0.49166782		0.500		98.3	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.65133851		0.500	0.15310645	99.6	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.64701848	0.65133851	0.500	0.15310645	98.8	%	75-125	09/30/2004	1723
							0.7	R	20		
MB		3050	0.00053036							09/30/2004	1731
LCS		M351	0.50104579		0.500		100.2	%	80-120	09/30/2004	1738
CCV		M0388	0.99768931		1.00		99.8	%	90-110	09/30/2004	1743
CCB			0.00035091							09/30/2004	1755
LCS		M383D	9.07315446		10.00		90.7	%	80-120	09/30/2004	1759
MS	226901-1	M351	1.31706250		0.500	0.84229495	95.0	%	75-125	09/30/2004	1838
CCV		M0388	0.98914300		1.00		98.9	%	90-110	09/30/2004	1844
CCB			0.00056707							09/30/2004	1856
MSD	226901-1	M351	1.30480848	1.31706250	0.500	0.84229495	92.5	%	75-125	09/30/2004	1859
							0.9	R	20		
CCV		M0388	0.98341891		1.00		98.3	%	90-110	09/30/2004	1926
CCB			0.00042237							09/30/2004	1938

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99495740		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0368	1.01721927		1.00		101.7	%	90-110	09/30/2004	1430
ICV		M0380	1.01258763		1.00		101.3	%	90-110	09/30/2004	1439
ICB			0.00012599							09/30/2004	1453
ICB			0.00010060							09/30/2004	1505
ICV		M0393	0.49421189		0.500		98.8	%	90-110	09/30/2004	1509
CCV		M0388	1.03410101		1.00		103.4	%	90-110	09/30/2004	1514
CCB			0.00005082							09/30/2004	1526
CCV		M0388	1.00831477		1.00		100.8	%	90-110	09/30/2004	1603
CCB			-0.0001085							09/30/2004	1616
MB		3010	0.00016347							09/30/2004	1655
LCS		M351	0.48800620		0.500		97.6	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.49515927		0.500	0.00030438	99.0	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.49112772	0.49515927	0.500	0.00030438	98.2	%	75-125	09/30/2004	1723
							0.8	R	20		
MB		3050	-0.0002120							09/30/2004	1731
LCS		M351	0.48876335		0.500		97.8	%	80-120	09/30/2004	1738
CCV		M0388	0.99368187		1.00		99.4	%	90-110	09/30/2004	1743
CCB			-0.0003171							09/30/2004	1755
LCS		M383D	1.13433967		1.27		89.3	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.45873181		0.500	0.02365864	87.0	%	75-125	09/30/2004	1838
CCV		M0388	0.98119309		1.00		98.1	%	90-110	09/30/2004	1844
CCB			-0.0001524							09/30/2004	1856
MSD	226901-1	M351	0.45847615	0.45873181	0.500	0.02365864	87.0	%	75-125	09/30/2004	1859
							0.1	R	20		
CCV		M0388	0.97706581		1.00		97.7	%	90-110	09/30/2004	1926
CCB			0.00021975							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 99080 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00695700		2.00		100.3	%	90-110	10/11/2004	1411
ICV		M0368	1.01683122		1.00		101.7	%	90-110	10/11/2004	1420
ICV		M0380	1.00477710		1.00		100.5	%	90-110	10/11/2004	1429
ICB			-0.0001356							10/11/2004	1443
ICB			-0.0000625							10/11/2004	1455
ICV		M0393	0.50432777		0.500		100.9	%	90-110	10/11/2004	1459
CCV		M0388	1.02304892		1.00		102.3	%	90-110	10/11/2004	1504
CCB			0.00002099							10/11/2004	1526
MB		3051	-0.0000908							10/11/2004	1632
LCS		M351	0.53435200		0.500		106.9	%	80-120	10/11/2004	1639
MS	227043-2	M351	0.53299601		0.500	0.01000598		%	75-125	10/11/2004	1654
MSD	227043-2	M351	0.53098551	0.53299601	0.500	0.01000598		%	75-125	10/11/2004	1700
CCV		M0388	1.00482111		1.00		100.5	%	90-110	10/11/2004	1719
CCB			0.00050731							10/11/2004	1722
MB		3050	-0.0001800							10/11/2004	1758
LCS		M383D	1.20502525		1.27		94.9	%	80-120	10/11/2004	1806
CCV		M0388	1.01192275		1.00		101.2	%	90-110	10/11/2004	1811
CCB			-0.0001892							10/11/2004	1820

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99080 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.50039116		0.500		100.1	%	80-120	10/11/2004	1827
B			-0.0001219							10/11/2004	1832
CCV		M0388	1.00014778		1.00		100.0	%	90-110	10/11/2004	1909
CCB			-0.0001660							10/11/2004	1921
MS	227048-1	M351	0.59603974		0.500	0.11445852	96.3	%	75-125	10/11/2004	1937
MSD	227048-1	M351	0.66116649	0.59603974	0.500	0.11445852	109.3	%	75-125	10/11/2004	1942
							10.4	R	20		
CCV		M0388	0.99183364		1.00		99.2	%	90-110	10/11/2004	2010
CCB			0.00010376							10/11/2004	2015

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00214298		2.00		100.1	%	90-110	09/30/2004	1421
ICV		M0368	1.00686346		1.00		100.7	%	90-110	09/30/2004	1430
ICV		M0380	1.00905946		1.00		100.9	%	90-110	09/30/2004	1439
ICB			0.00025171							09/30/2004	1453
ICB			0.00014675							09/30/2004	1505
ICV		M0393	0.48567408		0.500		97.1	%	90-110	09/30/2004	1509
CCV		M0388	1.04139377		1.00		104.1	%	90-110	09/30/2004	1514
CCB			0.00006971							09/30/2004	1526
CCV		M0388	1.01017279		1.00		101.0	%	90-110	09/30/2004	1603
CCB			0.00045519							09/30/2004	1616
MB		3010	0.00028110							09/30/2004	1655
LCS		M351	0.48689024		0.500		97.4	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.50610927		0.500	0.00226492	100.8	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.50407023	0.50610927	0.500	0.00226492	100.4	%	75-125	09/30/2004	1723
							0.4	R	20		
MB		3050	0.00027962							09/30/2004	1731
LCS		M351	0.50244063		0.500		100.5	%	80-120	09/30/2004	1738
CCV		M0388	0.99468316		1.00		99.5	%	90-110	09/30/2004	1743
CCB			0.00011295							09/30/2004	1755
LCS		M383D	1.88512222		2.07		91.1	%	80-120	09/30/2004	1759
MS	226901-1	M351	2.32492777		0.500	1.86448046	92.1	%	75-125	09/30/2004	1838
CCV		M0388	0.98636071		1.00		98.6	%	90-110	09/30/2004	1844
CCB			0.00038303							09/30/2004	1856
MSD	226901-1	M351	2.29672062	2.32492777	0.500	1.86448046	86.4	%	75-125	09/30/2004	1859
							1.2	R	20		
CCV		M0388	0.98336793		1.00		98.3	%	90-110	09/30/2004	1926
CCB			0.00030002							09/30/2004	1938

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99569500		2.00		99.8	%	90-110	09/30/2004	1421
ICV		M0368	1.02544122		1.00		102.5	%	90-110	09/30/2004	1430
ICV		M0380	1.06230514		1.00		106.2	%	90-110	09/30/2004	1439
ICB			0.00063072							09/30/2004	1453
ICB			0.00082820							09/30/2004	1505
ICV		M0393	0.49776615		0.500		99.6	%	90-110	09/30/2004	1509
CCV		M0388	1.04741102		1.00		104.7	%	90-110	09/30/2004	1514
CCB			0.00074160							09/30/2004	1526
CCV		M0388	1.02020751		1.00		102.0	%	90-110	09/30/2004	1603
CCB			0.00058137							09/30/2004	1616
MB		3010	0.00058646							09/30/2004	1655
LCS		M351	0.49394460		0.500		98.8	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.50633137		0.500	0.00098838	101.1	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.50377379	0.50633137	0.500	0.00098838	100.6	%	75-125	09/30/2004	1723
							0.5	R	20		
MB		3050	0.00065291							09/30/2004	1731
LCS		M351	0.50116149		0.500		100.2	%	80-120	09/30/2004	1738
CCV		M0388	1.00003838		1.00		100.0	%	90-110	09/30/2004	1743
CCB			0.00052248							09/30/2004	1755
LCS		M383D	1.92364143		2.10		91.6	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.57532407		0.500	0.13237019	88.6	%	75-125	09/30/2004	1838
CCV		M0388	0.99244521		1.00		99.2	%	90-110	09/30/2004	1844
CCB			0.00074509							09/30/2004	1856
MSD	226901-1	M351	0.57505996	0.57532407	0.500	0.13237019	88.5	%	75-125	09/30/2004	1859
							0.0	R	20		
CCV		M0388	0.98574763		1.00		98.6	%	90-110	09/30/2004	1926
CCB			0.00082848							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99435162		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0368	1.03693503		1.00		103.7	%	90-110	09/30/2004	1430
ICV		M0380	1.03531783		1.00		103.5	%	90-110	09/30/2004	1439
ICB			0.00112383							09/30/2004	1453
ICB			0.00078745							09/30/2004	1505
ICV		M0393	0.50581438		0.500		101.2	%	90-110	09/30/2004	1509
CCV		M0388	1.06244658		1.00		106.2	%	90-110	09/30/2004	1514
CCB			-0.0000587							09/30/2004	1526
CCV		M0388	1.03191270		1.00		103.2	%	90-110	09/30/2004	1603
CCB			0.00033134							09/30/2004	1616
MB		3010	0.00082578							09/30/2004	1655
LCS		M351	0.50035593		0.500		100.1	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.55511429		0.500	0.00124127	110.8	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.55205201	0.55511429	0.500	0.00124127	110.2	%	75-125	09/30/2004	1723
							0.6	R	20		
MB		3050	-0.0001748							09/30/2004	1731
LCS		M351	0.50627606		0.500		101.3	%	80-120	09/30/2004	1738
CCV		M0388	1.01700330		1.00		101.7	%	90-110	09/30/2004	1743

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0002832							09/30/2004	1755
MS	226901-1	M351	1.35510157		0.500	0.81354536	108.3	%	75-125	09/30/2004	1838
CCV		M0388	1.01209602		1.00		101.2	%	90-110	09/30/2004	1844
CCB			0.00029174							09/30/2004	1856
MSD	226901-1	M351	1.35186567	1.35510157	0.500	0.81354536	107.7	%	75-125	09/30/2004	1859
							0.2	R	20		
CCV		M0388	1.00383141		1.00		100.4	%	90-110	09/30/2004	1926
CCB			0.00015847							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 99080 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99861051		2.00		99.9	%	90-110	10/11/2004	1411
ICV		M0368	1.02247074		1.00		102.2	%	90-110	10/11/2004	1420
ICV		M0380	1.01581666		1.00		101.6	%	90-110	10/11/2004	1429
ICB			0.00008274							10/11/2004	1443
ICB			0.00059756							10/11/2004	1455
ICV		M0393	0.51503418		0.500		103.0	%	90-110	10/11/2004	1459
CCV		M0388	1.04134521		1.00		104.1	%	90-110	10/11/2004	1504
CCB			0.00080249							10/11/2004	1526
MB		3051	0.00054057							10/11/2004	1632
LCS		M351	0.58155956		0.500		116.3	%	80-120	10/11/2004	1639
CCV		M0388	1.02987434		1.00		103.0	%	90-110	10/11/2004	1719
CCB			0.00072501							10/11/2004	1722
MB		3050	0.00100290							10/11/2004	1758
LCS		M383D	0.89149150		0.85		104.9	%	80-120	10/11/2004	1806
CCV		M0388	1.03455579		1.00		103.5	%	90-110	10/11/2004	1811
CCB			0.00040996							10/11/2004	1820
LCS		M351	0.52213370		0.500		104.4	%	80-120	10/11/2004	1827
B			0.00167369							10/11/2004	1832
CCV		M0388	1.02665507		1.00		102.7	%	90-110	10/11/2004	1909
CCB			0.00106913							10/11/2004	1921
MS	227048-1	M351	1.00831526		0.500	0.76373969	48.9	%	75-125	10/11/2004	1937
MSD	227048-1	M351	1.16202423	1.00831526	0.500	0.76373969	79.7	%	75-125	10/11/2004	1942
							14.2	R	20		
CCV		M0388	1.01906884		1.00		101.9	%	90-110	10/11/2004	2010
CCB			0.00118835							10/11/2004	2015

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99426531		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0368	1.03183492		1.00		103.2	%	90-110	09/30/2004	1430
ICV		M0380	1.02554590		1.00		102.6	%	90-110	09/30/2004	1439
ICB			-0.0004514							09/30/2004	1453

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICB			0.00003032							09/30/2004	1505
ICV		M0393	0.49966610		0.500		99.9	%	90-110	09/30/2004	1509
CCV		M0388	1.01516978		1.00		101.5	%	90-110	09/30/2004	1514
CCB			0.00055348							09/30/2004	1526
CCV		M0388	0.99744092		1.00		99.7	%	90-110	09/30/2004	1603
CCB			-0.0009123							09/30/2004	1616
MB		3010	-0.0003995							09/30/2004	1655
LCS		M351	0.48503137		0.500		97.0	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.48641521		0.500	-0.0005193	97.4	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.48708516	0.48641521	0.500	-0.0005193	97.5	%	75-125	09/30/2004	1723
							0.1	R	20		
MB		3050	0.00033632							09/30/2004	1731
LCS		M351	0.49354503		0.500		98.7	%	80-120	09/30/2004	1738
CCV		M0388	0.99060682		1.00		99.1	%	90-110	09/30/2004	1743
CCB			-0.0014362							09/30/2004	1755
LCS		M383D	1.82448633		2.04		89.4	%	80-120	09/30/2004	1759
MS	226901-1	M351	1.57272943		0.500	1.17513749	79.5	%	75-125	09/30/2004	1838
CCV		M0388	0.97477543		1.00		97.5	%	90-110	09/30/2004	1844
CCB			-0.0010114							09/30/2004	1856
MSD	226901-1	M351	1.56811960	1.57272943	0.500	1.17513749	78.6	%	75-125	09/30/2004	1859
							0.3	R	20		
CCV		M0388	0.97286892		1.00		97.3	%	90-110	09/30/2004	1926
CCB			-0.0007610							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99433210		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0368	1.00190005		1.00		100.2	%	90-110	09/30/2004	1430
ICV		M0380	0.98023599		1.00		98.0	%	90-110	09/30/2004	1439
ICB			0.00045328							09/30/2004	1453
ICB			0.00007094							09/30/2004	1505
ICV		M0393	0.48532624		0.500		97.1	%	90-110	09/30/2004	1509
CCV		M0388	1.03809628		1.00		103.8	%	90-110	09/30/2004	1514
CCB			0.00048413							09/30/2004	1526
CCV		M0388	1.00744412		1.00		100.7	%	90-110	09/30/2004	1603
CCB			0.00044599							09/30/2004	1616
MB		3010	0.00072388							09/30/2004	1655
LCS		M351	0.48955432		0.500		97.9	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.63841667		0.500	0.13959920	99.8	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.63466930	0.63841667	0.500	0.13959920	99.0	%	75-125	09/30/2004	1723
							0.6	R	20		
MB		3050	0.00051776							09/30/2004	1731
LCS		M351	0.49948731		0.500		99.9	%	80-120	09/30/2004	1738
CCV		M0388	0.99294754		1.00		99.3	%	90-110	09/30/2004	1743
CCB			0.00040773							09/30/2004	1755
MS	226901-1	M351	6.99071607		0.500	6.26831175	144.5	%	75-125	09/30/2004	1838
CCV		M0388	0.98525218		1.00		98.5	%	90-110	09/30/2004	1844
CCB			0.00114366							09/30/2004	1856

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226901-1	M351	6.90037591	6.99071607	0.500	6.26831175	126.4	%	75-125	09/30/2004	1859
							1.3	R	20		
CCV		M0388	0.98028805		1.00		98.0	%	90-110	09/30/2004	1926
CCB			0.00128585							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.98693757		2.00		99.3	%	90-110	09/30/2004	1421
ICV		M0368	1.03017645		1.00		103.0	%	90-110	09/30/2004	1430
ICV		M0380	1.01946771		1.00		101.9	%	90-110	09/30/2004	1439
ICB			0.00008640							09/30/2004	1453
ICB			0.00003220							09/30/2004	1505
ICV		M0393	0.49283008		0.500		98.6	%	90-110	09/30/2004	1509
CCV		M0388	1.04286439		1.00		104.3	%	90-110	09/30/2004	1514
CCB			-0.0000547							09/30/2004	1526
CCV		M0388	1.01667656		1.00		101.7	%	90-110	09/30/2004	1603
CCB			0.00005536							09/30/2004	1616
MB		3010	0.00060025							09/30/2004	1655
LCS		M351	0.48985254		0.500		98.0	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.51549182		0.500	0.00977873	101.1	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.50989319	0.51549182	0.500	0.00977873	100.0	%	75-125	09/30/2004	1723
							1.1	R	20		
MB		3050	0.00029740							09/30/2004	1731
LCS		M351	0.49762258		0.500		99.5	%	80-120	09/30/2004	1738
CCV		M0388	0.99758844		1.00		99.8	%	90-110	09/30/2004	1743
CCB			-0.0000742							09/30/2004	1755
LCS		M383D	1.69366605		1.89		89.6	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.79544170		0.500	0.32691130	93.7	%	75-125	09/30/2004	1838
CCV		M0388	0.98855401		1.00		98.9	%	90-110	09/30/2004	1844
CCB			0.00011233							09/30/2004	1856
MSD	226901-1	M351	0.79088083	0.79544170	0.500	0.32691130	92.8	%	75-125	09/30/2004	1859
							0.6	R	20		
CCV		M0388	0.98451897		1.00		98.5	%	90-110	09/30/2004	1926
CCB			0.00022660							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 99080 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00866735		2.00		100.4	%	90-110	10/11/2004	1411
ICV		M0368	1.01035453		1.00		101.0	%	90-110	10/11/2004	1420
ICV		M0380	1.00973945		1.00		101.0	%	90-110	10/11/2004	1429
ICB			0.00006131							10/11/2004	1443
ICB			0.00002552							10/11/2004	1455
ICV		M0393	0.49987494		0.500		100.0	%	90-110	10/11/2004	1459

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 99080 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.03405143		1.00		103.4	%	90-110	10/11/2004	1504
CCB			0.00034243							10/11/2004	1526
MB		3051	-0.0000971							10/11/2004	1632
LCS		M351	0.54127598		0.500		108.3	%	80-120	10/11/2004	1639
CCV		M0388	1.01569768		1.00		101.6	%	90-110	10/11/2004	1719
CCB			-0.0000148							10/11/2004	1722
MB		3050	-0.0000319							10/11/2004	1758
LCS		M383D	1.82679234		1.89		96.7	%	80-120	10/11/2004	1806
CCV		M0388	1.02284717		1.00		102.3	%	90-110	10/11/2004	1811
CCB			-0.0000759							10/11/2004	1820
LCS		M351	0.51245197		0.500		102.5	%	80-120	10/11/2004	1827
B			-0.0002125							10/11/2004	1832
CCV		M0388	1.01190766		1.00		101.2	%	90-110	10/11/2004	1909
CCB			0.00006537							10/11/2004	1921
MS	227048-1	M351	0.74258241		0.500	0.21885922	104.7	%	75-125	10/11/2004	1937
MSD	227048-1	M351	0.71753963	0.74258241	0.500	0.21885922	99.7	%	75-125	10/11/2004	1942
							3.4	R	20		
CCV		M0388	1.00153133		1.00		100.2	%	90-110	10/11/2004	2010
CCB			0.00070466							10/11/2004	2015

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00560287		2.00		100.3	%	90-110	09/30/2004	1421
ICV		M0368	1.00654949		1.00		100.7	%	90-110	09/30/2004	1430
ICV		M0380	0.99292438		1.00		99.3	%	90-110	09/30/2004	1439
ICB			-0.0023850							09/30/2004	1453
ICB			-0.0055229							09/30/2004	1505
ICV		M0393	0.48425688		0.500		96.9	%	90-110	09/30/2004	1509
CCV		M0388	1.00339102		1.00		100.3	%	90-110	09/30/2004	1514
CCB			-0.0027232							09/30/2004	1526
CCV		M0388	0.99879861		1.00		99.9	%	90-110	09/30/2004	1603
CCB			0.00173869							09/30/2004	1616
MB		3010	0.00311183							09/30/2004	1655
LCS		M351	0.48250083		0.500		96.5	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.52269620		0.500	-0.0021665	105.0	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.52072472	0.52269620	0.500	-0.0021665	104.6	%	75-125	09/30/2004	1723
							0.4	R	20		
MB		3050	-0.0047894							09/30/2004	1731
LCS		M351	0.47026250		0.500		94.1	%	80-120	09/30/2004	1738
CCV		M0388	0.99285584		1.00		99.3	%	90-110	09/30/2004	1743
CCB			0.00046452							09/30/2004	1755
LCS		M383D	0.97654986		0.996		98.0	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.41846551		0.500	-0.0139146	86.5	%	75-125	09/30/2004	1838
CCV		M0388	0.96433642		1.00		96.4	%	90-110	09/30/2004	1844
CCB			-0.0022029							09/30/2004	1856
MSD	226901-1	M351	0.43655644	0.41846551	0.500	-0.0139146	90.1	%	75-125	09/30/2004	1859
							4.2	R	20		
CCV		M0388	0.96398429		1.00		96.4	%	90-110	09/30/2004	1926

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00106342							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99888670		1.0		99.9	%	90-110	09/30/2004	1421
ICV		M0369	1.06342323		1.00		106.3	%	90-110	09/30/2004	1435
ICB			0.00021016							09/30/2004	1453
ICB			0.00045928							09/30/2004	1505
ICV		M0393	0.49569657		0.500		99.1	%	90-110	09/30/2004	1509
CCV		M0388	0.51766952		0.50		103.5	%	90-110	09/30/2004	1514
CCB			0.00040131							09/30/2004	1526
CCV		M0388	0.50662189		0.50		101.3	%	90-110	09/30/2004	1603
CCB			0.00022955							09/30/2004	1616
MB		3010	-0.0005511							09/30/2004	1655
LCS		M351	0.22176311		0.25		88.7	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.22183313		0.25	-0.0053874	90.9	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.22186316	0.22183313	0.25	-0.0053874	90.9	%	75-125	09/30/2004	1723
							0.0	R	20		
MB		3050	0.00033726							09/30/2004	1731
LCS		M351	0.22103409		0.25		88.4	%	80-120	09/30/2004	1738
CCV		M0388	0.49980165		0.50		100.0	%	90-110	09/30/2004	1743
CCB			-0.0000111							09/30/2004	1755
LCS		M383D	1.01464368		0.953		106.5	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.19583822		0.25	-0.0149617	84.3	%	75-125	09/30/2004	1838
CCV		M0388	0.49445507		0.50		98.9	%	90-110	09/30/2004	1844
CCB			0.00064574							09/30/2004	1856
MSD	226901-1	M351	0.19651177	0.19583822	0.25	-0.0149617	84.6	%	75-125	09/30/2004	1859
							0.3	R	20		
CCV		M0388	0.49074003		0.50		98.1	%	90-110	09/30/2004	1926
CCB			0.00079504							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00919402		2.00		100.5	%	90-110	09/30/2004	1421
ICV		M0368	1.01899722		1.00		101.9	%	90-110	09/30/2004	1430
ICV		M0380	0.98836276		1.00		98.8	%	90-110	09/30/2004	1439
ICB			-0.0005144							09/30/2004	1453
ICB			0.00368318							09/30/2004	1505
ICV		M0393	0.48954859		0.500		97.9	%	90-110	09/30/2004	1509
CCV		M0388	1.02206294		1.00		102.2	%	90-110	09/30/2004	1514
CCB			-0.0013015							09/30/2004	1526
CCV		M0388	1.00756321		1.00		100.8	%	90-110	09/30/2004	1603
CCB			-0.0001793							09/30/2004	1616

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3010	-0.0008511							09/30/2004	1655
LCS		M351	0.47639521		0.500		95.3	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.46028506		0.500	-0.0313548	98.3	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.45747957	0.46028506	0.500	-0.0313548	97.8	%	75-125	09/30/2004	1723
							0.6	R	20		
MB		3050	0.00261092							09/30/2004	1731
LCS		M351	0.47980877		0.500		96.0	%	80-120	09/30/2004	1738
CCV		M0388	0.99801711		1.00		99.8	%	90-110	09/30/2004	1743
CCB			-0.0001293							09/30/2004	1755
LCS		M383D	1.76904292		1.85		95.6	%	80-120	09/30/2004	1759
MS	226901-1	M351	0.36969279		0.500	-0.0632864	86.6	%	75-125	09/30/2004	1838
CCV		M0388	0.97897116		1.00		97.9	%	90-110	09/30/2004	1844
CCB			-0.0016127							09/30/2004	1856
MSD	226901-1	M351	0.35170797	0.36969279	0.500	-0.0632864	83.0	%	75-125	09/30/2004	1859
							5.0	R	20		
CCV		M0388	0.97528534		1.00		97.5	%	90-110	09/30/2004	1926
CCB			-0.0025690							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SN
Parameter.....: Tin (Sn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	1.96762793		2.00		98.4	%	90-110	09/30/2004	1424
ICB			-0.0026089							09/30/2004	1453
ICB			0.00101145							09/30/2004	1505
CCV		M0388	2.04365776		2.00		102.2	%	90-110	09/30/2004	1514
CCB			-0.0015124							09/30/2004	1526
CCV		M0388	2.01007029		2.00		100.5	%	90-110	09/30/2004	1603
CCB			-0.0013273							09/30/2004	1616
MB		3010	-0.0013357							09/30/2004	1655
LCS		M351	0.96341670		1.00		96.3	%	80-120	09/30/2004	1702
MS	226941-2	M351	1.00613896		1.00	-0.0278125	103.4	%	75-125	09/30/2004	1717
MSD	226941-2	M351	1.01054641	1.00613896	1.00	-0.0278125	103.8	%	75-125	09/30/2004	1723
							0.4	R	20		
MB		3050	0.00171224							09/30/2004	1731
LCS		M351	1.00176929		1.00		100.2	%	80-120	09/30/2004	1738
CCV		M0388	1.98703388		2.00		99.4	%	90-110	09/30/2004	1743
CCB			-0.0014635							09/30/2004	1755
MS	226901-1	M351	0.85689182		1.00	-0.0063601	86.3	%	75-125	09/30/2004	1838
CCV		M0388	1.95325353		2.00		97.7	%	90-110	09/30/2004	1844
CCB			-0.0014778							09/30/2004	1856
MSD	226901-1	M351	0.86567494	0.85689182	1.00	-0.0063601	87.2	%	75-125	09/30/2004	1859
							1.0	R	20		
CCV		M0388	1.94693696		2.00		97.3	%	90-110	09/30/2004	1926
CCB			-0.0025242							09/30/2004	1938

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98768 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99498123		2.00		99.7	%	90-110	09/30/2004	1421
ICV		M0368	0.99293620		1.00		99.3	%	90-110	09/30/2004	1430
ICV		M0380	0.99909515		1.00		99.9	%	90-110	09/30/2004	1439
ICB			-0.0006545							09/30/2004	1453
ICB			0.00091041							09/30/2004	1505
ICV		M0393	0.47774943		0.500		95.5	%	90-110	09/30/2004	1509
CCV		M0388	1.01509763		1.00		101.5	%	90-110	09/30/2004	1514
CCB			0.00014177							09/30/2004	1526
CCV		M0388	0.98535312		1.00		98.5	%	90-110	09/30/2004	1603
CCB			0.00078422							09/30/2004	1616
MB		3010	0.00035960							09/30/2004	1655
LCS		M351	0.47114216		0.500		94.2	%	80-120	09/30/2004	1702
MS	226941-2	M351	0.51372164		0.500	0.00425552	101.9	%	75-125	09/30/2004	1717
MSD	226941-2	M351	0.51268995	0.51372164	0.500	0.00425552	101.7	%	75-125	09/30/2004	1723
							0.2	R	20		
MB		3050	0.00032991							09/30/2004	1731
LCS		M351	0.48736800		0.500		97.5	%	80-120	09/30/2004	1738
CCV		M0388	0.97149098		1.00		97.1	%	90-110	09/30/2004	1743
CCB			0.00058549							09/30/2004	1755
LCS		M383D	1.72552825		2.04		84.6	%	80-120	09/30/2004	1759
MS	226901-1	M351	1.52248511		0.500	1.05839746	92.8	%	75-125	09/30/2004	1838
CCV		M0388	0.96346783		1.00		96.3	%	90-110	09/30/2004	1844
CCB			-0.0002095							09/30/2004	1856
MSD	226901-1	M351	1.50749125	1.52248511	0.500	1.05839746	89.8	%	75-125	09/30/2004	1859
							1.0	R	20		
CCV		M0388	0.95604331		1.00		95.6	%	90-110	09/30/2004	1926
CCB			0.00035405							09/30/2004	1938

Test Method.....: SW-846 6010B Batch.....: 98856 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0386	10.2736		10.0		102.7	%	90-110	10/04/2004	1359
RS		M0386	10.2664		10.0		102.7	%	90-110	10/04/2004	1412
ICV		M0380	1.0986		1.00		109.9	%	90-110	10/04/2004	1457
CCB			0.0011							10/04/2004	1519
CCV		M0389	5.2786		5.00		105.6	%	90-110	10/04/2004	1533
CCB			0.0053							10/04/2004	1536
MB		3010	0.0171							10/04/2004	1551
LCS		M351	0.5555		0.500		111.1	%	80-120	10/04/2004	1553
PDS	226990-2	M351D	2.3715		2.00	0.0085	118.2	%	75-125	10/04/2004	1610
PSD	226990-2	M351D	2.3505	2.3715	2.00	0.0085	117.1	%	75-125	10/04/2004	1615
							0.9	R	20		
MB		3050	0.0117							10/04/2004	1621
LCS		M351	0.5148		0.500		103.0	%	69-131	10/04/2004	1625
LCS		M383D	2.8826		3.29		87.6	%	69-131	10/04/2004	1630
PDS	226940-4	M351D	14.9874		2.00	12.9974	99.5	%	75-125	10/04/2004	1659
PSD	226940-4	M351D	13.8087	14.9874	2.00	12.9974	40.6	%	75-125	10/04/2004	1719
							8.2	R	20		
CCV		M0389	4.9716		5.00		99.4	%	90-110	10/04/2004	1721

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226940 Report Date.: 10/27/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98856 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.0192							10/04/2004	1727

Test Method.....: SW-846 6010B Batch.....: 99144 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0386	10.0628		10.0		100.6	%	90-110	10/12/2004	1352
ICV		M0368	1.0902		1.00		109.0	%	90-110	10/12/2004	1408
LSC		M0394	0.0471		0.0200					10/12/2004	1423
ICB			0.0010							10/12/2004	1428
CCV		M0389	5.1592		5.00		103.2	%	90-110	10/12/2004	1438
CCB			0.0096							10/12/2004	1441
MB		3050	0.0161							10/12/2004	1458
LCS		M351	0.8571		1.000		85.7	%	69-131	10/12/2004	1502
LCS		M383D	2.9073		3.29		88.4	%	69-131	10/12/2004	1504
CCV		M0389	5.2513		5.00		105.0	%	90-110	10/12/2004	1600
CCB			0.0118							10/12/2004	1605
MB		3050	0.0324							10/12/2004	1617
LCS		M351	0.5278		1.000		105.6	%	69-131	10/12/2004	1619
LCS		M383D	3.0970		3.29		94.1	%	69-131	10/12/2004	1621
MB		3050	0.0305							10/12/2004	1642
LCS		M351	0.8103		1.000		81.0	%	69-131	10/12/2004	1655
LCS		M383D	2.7839		3.29		84.6	%	69-131	10/12/2004	1658
CCV		M0389	5.2697		5.00		105.4	%	90-110	10/12/2004	1725
CCB			0.0403							10/12/2004	1727
PDS	226788-33	M351D	1.9845		2.00	0.4524	76.6	%	75-125	10/12/2004	1743
PSD	226788-33	M351D	2.0244	1.9845	2.00	0.4524	78.6	%	75-125	10/12/2004	1745
							2.0	R	20		
PDS	226788-38	M351D	1.9185		2.00	0.3938	76.2	%	75-125	10/12/2004	1747
PSD	226788-38	M351D	1.9622	1.9185	2.00	0.3938	78.4	%	75-125	10/12/2004	1753
							2.3	R	20		
CCV		M0389	5.3626		5.00		107.3	%	90-110	10/12/2004	1800
CCB			0.0236							10/12/2004	1802

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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Original

Subcontract Laboratory

Report

SEVERN TRENT STL

Certificate of Analysis

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ANALYTICAL REPORT

Encycle/Asarco

Lot #: I4J060193

Olga McDonald

STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

SEVERN TRENT LABORATORIES, INC.

Neal J. Salcher
Project Manager

October 12, 2004

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

October 13, 2004

STL LOT NUMBER: **I4J060193**
PO/CONTRACT: 225957

Olga McDonald
STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

Dear Olga McDonald,

This report contains the analytical results for the three samples received under chain of custody by Severn Trent Laboratories (STL) on October 6, 2004. These samples are associated with your Encycle/Asarco project.

All applicable quality control procedures met method-specified acceptance criteria.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me.

Sincerely,

Neal Salcher
Project Manager

cc: Project File

EXECUTIVE SUMMARY - Detection Highlights

I4J060193

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

ANALYTICAL METHODS SUMMARY

I4J060193

PARAMETER	ANALYTICAL METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I4J060193

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GRXW5	001	226940-1	09/29/04	
GRXXC	002	226940-3	09/29/04	
GRXXE	003	226940-4	09/29/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I4J060193

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 6010B		4282339	4282193
002	SOLID	SW846 6010B		4282339	4282193
003	SOLID	SW846 6010B		4282339	4282193

STL CORPUS CHRISTI

Client Sample ID: 226940-1

TOTAL Metals

Lot-Sample #...: I4J060193-001 Matrix.....: SOLID
Date Sampled...: 09/29/04 Date Received..: 10/06/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4282339						
Bismuth	ND	4.5	mg/kg	SW846 6010B	10/08-10/11/04	GRXW51AC
		Dilution Factor: 0.9		Analysis Time..: 12:25	MS Run #.....: 4282193	

STL CORPUS CHRISTI

Client Sample ID: 226940-3

TOTAL Metals

Lot-Sample #...: I4J060193-002 **Matrix.....:** SOLID
Date Sampled...: 09/29/04 **Date Received..:** 10/06/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4282339						
Bismuth	ND	4.0	mg/kg	SW846 6010B	10/08-10/11/04	GRXXC1AC
		Dilution Factor: 0.8		Analysis Time..: 12:30	MS Run #.....: 4282193	

STL CORPUS CHRISTI

Client Sample ID: 226940-4

TOTAL Metals

Lot-Sample #...: I4J060193-003 **Matrix.....:** SOLID
Date Sampled...: 09/29/04 **Date Received..:** 10/06/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4282339						
Bismuth	ND	3.5	mg/kg	SW846 6010B	10/08-10/11/04	GRXXE1AC
		Dilution Factor: 0.7		Analysis Time..: 12:35	MS Run #.....: 4282193	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I4J060193 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I4J080000-339 **Prep Batch #...:** 4282339						
Bismuth	ND	5.0	mg/kg	SW846 6010B	10/08-10/11/04	GR6FN1CD
		Dilution Factor: 1				
		Analysis Time..: 12:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4J060193 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4J080000-339 **Prep Batch #...:** 4282339					
Bismuth	99	(80 - 120)	SW846 6010B	10/08-10/11/04	GR6FN1CE
		Dilution Factor: 1		Analysis Time..: 12:20	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4J060193 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4J080000-339 **Prep Batch #...:** 4282339							
Bismuth	50.0	49.7	mg/kg	99	SW846 6010B	10/08-10/11/04	GR6FN1CE
		Dilution Factor: 1			Analysis Time..: 12:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Report Attachment

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SQL (sample quantitation limit).

SEVERN TRENT **STL**

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I4J060193

RECEIVED BY: LT

COC NUMBER:

DATE/TIME RECEIVED: 10-6-04/0810

QUOTE/PROFILE: 56827

UNPACKED DATE/TIME: 10-6-04/0925

CLIENT/PROJECT: STL - Corpus Christi

SAMPLES LOGGED IN: LT

LOG-IN REVIEWED: CC

Number of Shipping Containers Received with Chain of Custody 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: LT

Container Sealed: ☑ YES ☐ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

Containers checked for radioactivity: ☐ YES ☐ NO ☑ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO

Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO

Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO

See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle)

Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap

Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: LT **IR THERMOMETER #:** P.4

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°; (NC, WI: 1-4.4°C)]*

TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
(SC) 2.2	SC	SC	SC	SC	SC	SC	SC	SC	SC

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling ✓ OK to analyze samples: ☐ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES **VERIFIED BY:** LT

Base samples are>pH 12: ☐ YES ☐ NO

Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES

Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

4.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** LT

Samples received match COC: ☑ YES ☐ NO
See additional discrepancies/comments section: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☐ YES ☑ NO
Bottles received intact: ☑ YES ☐ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: Neal Sadler Date: 10/13/04

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

SEVERN TRENT **STL**

14J060173
STL Austin

No. 22958

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: STL Corpus Christi	PROJECT NAME/NUMBER:
SEND REPORT TO: Olga McDonald	**BILLING INFORMATION**
ADDRESS:	BILL TO:
	ADDRESS:
PHONE: 361/289-2673	PHONE:
FAX: 361/289-2471	FAX: PO NO:

Same

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Bi (6010)								REMARKS/PRECAUTIONS
	226940-1	9/29/04	—	Soil	2oz	None	1	X								Attn:
	226940-3	↓	—	↓	↓	↓	1	X								Neal Salcher
	226940-4	↓	—	↓	↓	↓	1	X								
																Encycle/Asarco
																Pricing
																2oc/LT/10-6-04
																Good

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [signature]	10-6-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Luke Townsend / STL-Austin	TIME 0810	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

End of

Subcontract Laboratory

Report(s)

SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/27/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND = Not detected at a value greater than the reporting limit
TNTC = Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB Method Blank
ICB Initial Calibration Blank
CCB Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS Method (Matrix) Spike
MSD Method (Matrix) Spike Duplicate
PDS Post Digestion/Distillation Spike
SB Spiked Blank
SBD Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS Laboratory Control Standard
RS Reference Standard
ICV Initial Calibration Verification Standard

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SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/27/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:			
Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl
Other:			
Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
' - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 26920

2.2C

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / ENCYCLE	PROJECT NAME/NUMBER: ENCYCLE RCRA CLOSURE
SEND REPORT TO: KEN BRENNER / Rick Morris	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA CC TX 78475	BILL TO: Rick Morris
	ADDRESS:
PHONE: 883 1353	PHONE:
FAX: 883 7565	FAX: PO NO:

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: Total As, Ba, Be, Cd, Cr, Cu, Pb, Mg, Mn, Ni, Se, Sn, V, Zn, Ag, Hg + Thallium, Cyanide	REMARKS/PRECAUTIONS
	FAC 2 Sump 0-0.5'	9-29-04		S	8oz glass	—	1		ANALYZE 0-0.5' SAMPLES, HOLD 2-2.5' SAMPLES PENDING NOTIFICATION FROM KEN BRENNER
	FAC 2 Sump 2-2.5'						1		
	FAC 2 CRACK 6 0-0.5'						1		
	FAC 2 CRACK 6 DUP 0-0.5'						1		
	FAC 2 CRACK 6 2-2.5'						1		
	FAC 2 CRACK 6 DUP 2-2.5'						1		

LAB JOB NO.: 226940

SAMPLER: J. CLEMENTS

SHIPMENT METHOD: IN PERSON

AIRBILL NO.: —

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER _____

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	9-29-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: J. CLEMENTS / ARCADIS	TIME 1430	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	9/29/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1550	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

SEVERN TRENT STL

October 20, 2004

Richard Marcus
Encycle Texas, Inc.
5500 Up River Road
Corpus Christi, TX 78407

Re: Severn Trent Laboratories' Job Number 226582

Dear Mr. Marcus:

Enclosed is the revised analytical report for Severn Trent Laboratories' job number 226582. As requested by Ken Brandner of ARCADIS/G&M, various metals analyses were added to samples 2, 4, 6, 8, 10 and 12.

Please replace the original report with this revised report and feel free to call if you have any questions or if we can be of further assistance.

Sincerely,

Olga Verónica McDonald

Olga Verónica McDonald
Project Manager

Enclosure

Severn Trent Laboratories, Inc.
STL Corpus Christi • 1733 N. Padre Island Drive, Corpus Christi, TX 78408
Tel 361 289 2673 Fax 361 289 2471 • *www.stl-inc.com*

A part of Severn Trent plc

SEVERN TRENT STL

ANALYTICAL REPORT

JOB NUMBER: 226582

Prepared For:

ARCADIS / G&M
711 North Carancahua, Suite 1700
Corpus Christi, TX 78475-1801

Attention: Ken Brandner

Date: 10/20/2004

REVISED REPORT

Olga Verónica McDonald
Signature

10/20/04
Date

Name: Olga V. McDonald

Title: Project Manager

E-Mail: omcdonald@stl-inc.com

Severn Trent Laboratories
1733 N. Padre Island Drive
Corpus Christi, TX 78408

PHONE: 361/289-2673
FAX..: 361/289-2471

TOTAL # OF PAGES 65

SEVERN TRENT STL

SAMPLE INFORMATION
Date: 10/20/2004

Job Number.: 226582
Customer...: Encycle Texas, Inc.
Attn.....: Richard Marcus

Project Number.....: 98000353
Customer Project ID....: ENCYCLE RCRA CLOSURE
Project Description....: Encycle

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
226582-1	FAC 2 CRACK 12 0-0.5ft.	Soil	09/07/2004	10:05	09/07/2004	16:05
226582-2	FAC 2 CRACK 12 2-2.5 ft.	Soil	09/07/2004	10:15	09/07/2004	16:05
226582-3	FAC 2 CRACK 11 0-0.5ft.	Soil	09/07/2004	10:25	09/07/2004	16:05
226582-4	FAC 2 CRACK 11 2-2.5ft.	Soil	09/07/2004	10:35	09/07/2004	16:05
226582-5	FAC 2 CRACK 13 0-0.5ft.	Soil	09/07/2004	10:45	09/07/2004	16:05
226582-6	FAC 2 CRACK 13 2-2.5ft.	Soil	09/07/2004	10:55	09/07/2004	16:05
226582-7	FAC 2 CRACK 15 0-0.5ft.	Soil	09/07/2004	13:30	09/07/2004	16:05
226582-8	FAC 2 CRACK 15 2-2.5ft.	Soil	09/07/2004	13:40	09/07/2004	16:05
226582-9	FAC 2 CRACK 14 0-0.5ft.	Soil	09/07/2004	13:55	09/07/2004	16:05
226582-10	FAC 2 CRACK 14 2-2.5ft.	Soil	09/07/2004	14:05	09/07/2004	16:05
226582-11	FACILITY 2 CRACK 10 0-0.5ft	Soil	09/07/2004	14:20	09/07/2004	16:05
226582-12	FAC 2 CRACK 10 2-2.5ft.	Soil	09/07/2004	14:30	09/07/2004	16:05

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 12 0-0.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:05
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-1
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	0.2		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/08/04	jem
SW-846 6010B	Arsenic (As), Solid	3	1	mg/Kg	09/08/04	jem
SW-846 6010B	Barium (Ba), Solid	98	1	mg/Kg	09/08/04	jem
SW-846 6010B	Cadmium (Cd), Solid	7	1	mg/Kg	09/08/04	jem
SW-846 6010B	Chromium (Cr), Solid	4	1	mg/Kg	09/08/04	jem
SW-846 6010B	Cobalt (Co), Solid	2	1	mg/Kg	09/08/04	jem
SW-846 6010B	Copper (Cu), Solid	54	1	mg/Kg	09/08/04	jem
SW-846 6010B	Lead (Pb), Solid	30	1	mg/Kg	09/08/04	jem
SW-846 6010B	Manganese (Mn), Solid	122	1	mg/Kg	09/08/04	jem
SW-846 6010B	Nickel (Ni), Solid	4	1	mg/Kg	09/08/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/08/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/08/04	jem
SW-846 6010B	Thallium (Tl), Solid	2	1	mg/Kg	09/08/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/08/04	jem
SW-846 6010B	Vanadium (V), Solid	9	1	mg/Kg	09/08/04	jem
SW-846 6010B	Zinc (Zn), Solid	499	1	mg/Kg	09/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 12 2-2.5 ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:15
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-2
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Copper (Cu), Solid	3	1	mg/Kg	10/07/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	3	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 11 0-0.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:25
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-3
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	<0		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/08/04	jem
SW-846 6010B	Arsenic (As), Solid	16	1	mg/Kg	09/08/04	jem
SW-846 6010B	Barium (Ba), Solid	65	1	mg/Kg	09/08/04	jem
SW-846 6010B	Cadmium (Cd), Solid	682	1	mg/Kg	09/08/04	jem
SW-846 6010B	Chromium (Cr), Solid	5	1	mg/Kg	09/08/04	jem
SW-846 6010B	Cobalt (Co), Solid	5	1	mg/Kg	09/08/04	jem
SW-846 6010B	Copper (Cu), Solid	160	1	mg/Kg	09/08/04	jem
SW-846 6010B	Lead (Pb), Solid	5	1	mg/Kg	09/08/04	jem
SW-846 6010B	Manganese (Mn), Solid	572	1	mg/Kg	09/08/04	jem
SW-846 6010B	Nickel (Ni), Solid	5	1	mg/Kg	09/08/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/08/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/08/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/08/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/08/04	jem
SW-846 6010B	Vanadium (V), Solid	11	1	mg/Kg	09/08/04	jem
SW-846 6010B	Zinc (Zn), Solid	11000	1	mg/Kg	09/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 11 2-2.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:35
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-4
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Copper (Cu), Solid	8	1	mg/Kg	10/07/04	jem
SW-846 6010B	Manganese (Mn), Solid	255	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	3	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 13 0-0.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:45
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-5
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	0.06		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Arsenic (As), Solid	14	1	mg/Kg	09/09/04	jem
SW-846 6010B	Barium (Ba), Solid	47	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cadmium (Cd), Solid	314	1	mg/Kg	09/09/04	jem
SW-846 6010B	Chromium (Cr), Solid	8	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cobalt (Co), Solid	17	1	mg/Kg	09/09/04	jem
SW-846 6010B	Copper (Cu), Solid	92	1	mg/Kg	09/09/04	jem
SW-846 6010B	Lead (Pb), Solid	31	1	mg/Kg	09/09/04	jem
SW-846 6010B	Manganese (Mn), Solid	1080	1	mg/Kg	09/09/04	jem
SW-846 6010B	Nickel (Ni), Solid	35	1	mg/Kg	09/09/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/09/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/09/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/09/04	jem
SW-846 6010B	Zinc (Zn), Solid	9320	1	mg/Kg	09/09/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 13 2-2.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 10:55
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-6
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	408	1	mg/Kg	10/07/04	jem
SW-846 6010B	Cobalt (Co), Solid	3	1	mg/Kg	10/07/04	jem
SW-846 6010B	Copper (Cu), Solid	21	1	mg/Kg	10/07/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Nickel (Ni), Solid	6	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	44300	10	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 15 0-0.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 13:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-7
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	0.05		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Arsenic (As), Solid	15	1	mg/Kg	09/09/04	jem
SW-846 6010B	Barium (Ba), Solid	53	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cadmium (Cd), Solid	574	1	mg/Kg	09/09/04	jem
SW-846 6010B	Chromium (Cr), Solid	19	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cobalt (Co), Solid	7	1	mg/Kg	09/09/04	jem
SW-846 6010B	Copper (Cu), Solid	63	1	mg/Kg	09/09/04	jem
SW-846 6010B	Lead (Pb), Solid	12	1	mg/Kg	09/09/04	jem
SW-846 6010B	Manganese (Mn), Solid	449	1	mg/Kg	09/09/04	jem
SW-846 6010B	Nickel (Ni), Solid	26	1	mg/Kg	09/09/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/09/04	jem
SW-846 6010B	Thallium (Tl), Solid	1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/09/04	jem
SW-846 6010B	Vanadium (V), Solid	10	1	mg/Kg	09/09/04	jem
SW-846 6010B	Zinc (Zn), Solid	8810	1	mg/Kg	09/09/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 15 2-2.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 13:40
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-8
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	250	1	mg/Kg	10/07/04	jem
SW-846 6010B	Chromium (Cr), Solid	6	1	mg/Kg	10/07/04	jem
SW-846 6010B	Copper (Cu), Solid	6	1	mg/Kg	10/07/04	jem
SW-846 6010B	Manganese (Mn), Solid	280	1	mg/Kg	10/07/04	jem
SW-846 6010B	Nickel (Ni), Solid	20	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	4	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 14 0-0.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 13:55
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-9
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	0.02		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Arsenic (As), Solid	14	1	mg/Kg	09/09/04	jem
SW-846 6010B	Barium (Ba), Solid	42	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cadmium (Cd), Solid	533	1	mg/Kg	09/09/04	jem
SW-846 6010B	Chromium (Cr), Solid	3	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cobalt (Co), Solid	9	1	mg/Kg	09/09/04	jem
SW-846 6010B	Copper (Cu), Solid	31	1	mg/Kg	09/09/04	jem
SW-846 6010B	Lead (Pb), Solid	2	1	mg/Kg	09/09/04	jem
SW-846 6010B	Manganese (Mn), Solid	531	1	mg/Kg	09/09/04	jem
SW-846 6010B	Nickel (Ni), Solid	9	1	mg/Kg	09/09/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/09/04	jem
SW-846 6010B	Thallium (Tl), Solid	2	1	mg/Kg	09/09/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/09/04	jem
SW-846 6010B	Vanadium (V), Solid	8	1	mg/Kg	09/09/04	jem
SW-846 6010B	Zinc (Zn), Solid	9180	1	mg/Kg	09/09/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 14 2-2.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 14:05
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-10
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	360	1	mg/Kg	10/07/04	jem
SW-846 6010B	Manganese (Mn), Solid	<1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	3	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FACILITY 2 CRACK 10 0-0.5ft
Date Sampled.....: 09/07/2004
Time Sampled.....: 14:20
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-11
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 7471A	Mercury (Hg)	0.1		mg/Kg	09/09/04	hmz
EPA 9010B/9012	Cyanide, Total, Solid	<1.0	1.0	mg/Kg	09/09/04	dev
EPA 9013	Cyanide Extraction for Solids & Oils	Complete			09/08/04	ac
SW-846 6010B	Antimony (Sb), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Arsenic (As), Solid	6	1	mg/Kg	09/09/04	jem
SW-846 6010B	Barium (Ba), Solid	114	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cadmium (Cd), Solid	72	1	mg/Kg	09/09/04	jem
SW-846 6010B	Chromium (Cr), Solid	6	1	mg/Kg	09/09/04	jem
SW-846 6010B	Cobalt (Co), Solid	3	1	mg/Kg	09/09/04	jem
SW-846 6010B	Copper (Cu), Solid	16	1	mg/Kg	09/09/04	jem
SW-846 6010B	Lead (Pb), Solid	15	1	mg/Kg	09/09/04	jem
SW-846 6010B	Manganese (Mn), Solid	247	1	mg/Kg	09/09/04	jem
SW-846 6010B	Nickel (Ni), Solid	5	1	mg/Kg	09/09/04	jem
SW-846 6010B	Selenium (Se), Solid	<1	1	mg/Kg	09/09/04	jem
SW-846 6010B	Silver (Ag), Solid	<0.5	0.5	mg/Kg	09/09/04	jem
SW-846 6010B	Thallium (Tl), Solid	2	1	mg/Kg	09/09/04	jem
SW-846 6010B	Tin (Sn), Solid	<2	2	mg/Kg	09/09/04	jem
SW-846 6010B	Vanadium (V), Solid	11	1	mg/Kg	09/09/04	jem
SW-846 6010B	Zinc (Zn), Solid	2490	1	mg/Kg	09/09/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			09/08/04	cdt

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SEVERN TRENT STL

LABORATORY TEST RESULTS

Job Number: 226582 Date: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Customer Sample ID: FAC 2 CRACK 10 2-2.5ft.
Date Sampled.....: 09/07/2004
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 226582-12
Date Received.....: 09/07/2004
Time Received.....: 16:05

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cadmium (Cd), Solid	1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Thallium (Tl), Solid	<1	1	mg/Kg	10/07/04	jem
SW-846 6010B	Zinc (Zn), Solid	40	1	mg/Kg	10/08/04	jem
SW-846 3050B	Acid Dig., 2X Conc., Solids & Sludges	Complete			10/06/04	ac

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 7471A Batch.....: 98033 Analyst...: hmz
Method Description.: Mercury (CVAA) Units.....: mg/Kg Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
ICV		M40909HG	0.00498		0.00500		99.6	%	90-110	09/09/2004	1329
ICB			0.000048							09/09/2004	1333
SB		M0384HG	0.00738		0.007540		97.9	%	40-160	09/09/2004	1340
MB			-0.000038							09/09/2004	1344
MS	226569-17	M40909HG	0.00553		0.00500	-0.000181	114.2	%	75-130	09/09/2004	1420
MSD	226569-17	M40909HG	0.00579	0.00553	0.00500	-0.000181	119.4	%	75-130	09/09/2004	1424
							4.6	R	20		
CCV		M40909HG	0.00512		0.00500		102.4	%	80-120	09/09/2004	1431
CCB			0.000089							09/09/2004	1435
CCV		M40909HG	0.00507		0.00500		101.4	%	80-120	09/09/2004	1515
CCB			0.000001							09/09/2004	1518
MB			-0.000056							09/09/2004	1522

Test Method.....: EPA 9010B/9012A Batch.....: 97965 Analyst...: dev
Method Description.: Cyanide (Colorimetric, Automated) Units.....: mg/L Test Code.: CNT
Parameter.....: Cyanide, Total

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB		0090904	-0.0067							09/09/2004	1025
CCV		CN040909E	0.3824		0.398		96.1	%	80-120	09/09/2004	1026
MB		090904	-0.215							09/09/2004	1028
LCS		CN040909Z	7.235		7.508		96.4	%	85-115	09/09/2004	1029
LCD		CN040909Z	7.020	7.235	7.508	7.235	93.5	%	85-115	09/09/2004	1031
							3.0	R	20		
MS	226582-1	CN040909Y	2.485		2.502	-0.150	105.3	%	75-125	09/09/2004	1034
MSD	226582-1	CN040909Y	2.090	2.485	2.502	-0.150	89.5	%	75-125	09/09/2004	1035
							17.3	R	20		
CCB		090904	-0.0060							09/09/2004	1044
CCV		CN040909E	0.4002		0.398		100.6	%	80-120	09/09/2004	1045

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	0.98731582		1.00		98.7	%	90-110	09/08/2004	1659
ICV		M0368	0.96226727		1.00		96.2	%	90-110	09/08/2004	1705
ICV		M0380	1.04596684		1.00		104.6	%	90-110	09/08/2004	1713
ICV		M0374	0.95140402		1.00		95.1	%	90-110	09/08/2004	1719
ICB			0.00119513							09/08/2004	1727
ICB			0.00426332							09/08/2004	1740
ICV		M0393	0.51222177		0.500		102.4	%	90-110	09/08/2004	1743
CCV		M0388	0.97469111		1.00		97.5	%	90-110	09/08/2004	1748
CCB			0.00031639							09/08/2004	1800
CCV		M0388	0.93398708		1.00		93.4	%	90-110	09/08/2004	1841
CCB			0.00638025							09/08/2004	1853
CCV		M0388	0.97862883		1.00		97.9	%	90-110	09/08/2004	1939
CCB			0.00050051							09/08/2004	1951
MS	226560-1	M351	0.36299169		0.500	0.01539110	69.5	%	75-125	09/08/2004	2001

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226560-1	M351	0.46158878	0.36299169	0.500	0.01539110	89.2	%	75-125	09/08/2004	2007
							23.9	R	20		
MS	226569-25	M351	0.36482406		0.500	0.00367406	72.2	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.33231713	0.36482406	0.500	0.00367406	65.7	%	75-125	09/08/2004	2025
							9.3	R	20		
MB		3050	0.00416162							09/08/2004	2030
CCV		M0388	0.95556625		1.00		95.6	%	90-110	09/08/2004	2037
CCB			0.00247623							09/08/2004	2046
LCS		M383D	0.31201020		0.660		47.3	%	1-335	09/08/2004	2053
LCS		M351	0.47845104		0.500		95.7	%	1-335	09/08/2004	2058
MS	226547-9	M351	0.15667411		0.500	-0.0279180	36.9	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.15575246	0.15667411	0.500	-0.0279180	36.7	%	75-125	09/08/2004	2134
							0.6	R	20		
CCV		M0388	0.95454047		1.00		95.5	%	90-110	09/08/2004	2139
CCB			0.00091021							09/08/2004	2151
CCV		M0388	0.95227497		1.00		95.2	%	90-110	09/08/2004	2235
CCB			0.00010633							09/08/2004	2246
MB		3050	0.00027859							09/08/2004	2301
LCS		M383D	0.48356582		0.660		73.3	%	1-335	09/08/2004	2308
LCS		M351	0.47856867		0.500		95.7	%	1-335	09/08/2004	2313
MS	226569-27	M351	0.25224124		0.500	-0.0197755	54.4	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.24931222	0.25224124	0.500	-0.0197755	53.8	%	75-125	09/08/2004	2331
							1.2	R	20		
CCV		M0388	0.93690229		1.00		93.7	%	90-110	09/08/2004	2337
CCB			0.00227717							09/08/2004	2349
CCV		M0388	0.98657621		1.00		98.7	%	90-110	09/09/2004	0035
CCB			0.00956885							09/09/2004	0047
CCV		M0388	0.97478744		1.00		97.5	%	90-110	09/09/2004	0132
CCB			0.00987706							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01380264		2.00		100.7	%	90-110	09/08/2004	1656
ICV		M0368	0.97942201		1.00		97.9	%	90-110	09/08/2004	1705
ICV		M0380	1.03503183		1.00		103.5	%	90-110	09/08/2004	1713
ICB			0.00253891							09/08/2004	1727
ICB			-0.0036776							09/08/2004	1740
ICV		M0393	0.51500042		0.500		103.0	%	90-110	09/08/2004	1743
CCV		M0388	1.04563771		1.00		104.6	%	90-110	09/08/2004	1748
CCB			0.00169290							09/08/2004	1800
CCV		M0388	1.01365988		1.00		101.4	%	90-110	09/08/2004	1841
CCB			-0.0001668							09/08/2004	1853
MB		3010	-0.0068758							09/08/2004	1918
LCS		M351	0.50811732		0.500		101.6	%	80-120	09/08/2004	1924
CCV		M0388	1.06108661		1.00		106.1	%	90-110	09/08/2004	1939
CCB			-0.0063415							09/08/2004	1951
MS	226560-1	M351	0.51472172		0.500	-0.0034021	103.6	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.51280240	0.51472172	0.500	-0.0034021	103.2	%	75-125	09/08/2004	2007
							0.4	R	20		

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226569-25	M351	0.49566324		0.500	0.00385275	98.4	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.49304892	0.49566324	0.500	0.00385275	97.8	%	75-125	09/08/2004	2025
							0.5	R	20		
MB		3050	0.00695972							09/08/2004	2030
CCV		M0388	1.02983764		1.00		103.0	%	90-110	09/08/2004	2037
CCB			-0.0010299							09/08/2004	2046
LCS		M383D	2.28826483		2.31		99.1	%	66-134	09/08/2004	2053
LCS		M351	0.49726513		0.500		99.5	%	66-134	09/08/2004	2058
MS	226547-9	M351	0.49600066		0.500	0.02708082	93.8	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.50026728	0.49600066	0.500	0.02708082	94.6	%	75-125	09/08/2004	2134
							0.9	R	20		
CCV		M0388	1.03426295		1.00		103.4	%	90-110	09/08/2004	2139
CCB			-0.0010187							09/08/2004	2151
CCV		M0388	1.02700043		1.00		102.7	%	90-110	09/08/2004	2235
CCB			-0.0011813							09/08/2004	2246
MB		3050	0.00219866							09/08/2004	2301
LCS		M383D	2.27584209		2.31		98.5	%	66-134	09/08/2004	2308
LCS		M351	0.48398013		0.500		96.8	%	66-134	09/08/2004	2313
MS	226569-27	M351	0.50425388		0.500	0.02164017	96.5	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.50925753	0.50425388	0.500	0.02164017	97.5	%	75-125	09/08/2004	2331
							1.0	R	20		
CCV		M0388	1.02066726		1.00		102.1	%	90-110	09/08/2004	2337
CCB			-0.0002816							09/08/2004	2349
CCV		M0388	1.07760519		1.00		107.8	%	90-110	09/09/2004	0035
CCB			0.00234036							09/09/2004	0047
CCV		M0388	1.06194136		1.00		106.2	%	90-110	09/09/2004	0132
CCB			0.00728844							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00045389		2.00		100.0	%	90-110	09/08/2004	1656
ICV		M0369	0.99671483		1.00		99.7	%	90-110	09/08/2004	1710
ICB			0.00007590							09/08/2004	1727
ICB			-0.0002770							09/08/2004	1740
ICV		M0393	0.52248959		0.500		104.5	%	90-110	09/08/2004	1743
CCV		M0388	1.04655481		1.00		104.7	%	90-110	09/08/2004	1748
CCB			-0.0000688							09/08/2004	1800
CCV		M0388	1.02585200		1.00		102.6	%	90-110	09/08/2004	1841
CCB			-0.0002884							09/08/2004	1853
MB		3010	-0.0002026							09/08/2004	1918
LCS		M351	0.50401680		0.500		100.8	%	80-120	09/08/2004	1924
CCV		M0388	1.06211457		1.00		106.2	%	90-110	09/08/2004	1939
CCB			-0.0000946							09/08/2004	1951
MS	226560-1	M351	34.1404525		0.500	33.3041588	167.3	%	75-125	09/08/2004	2001
MSD	226560-1	M351	33.9384868	34.1404525	0.500	33.3041588	126.9	%	75-125	09/08/2004	2007
							0.6	R	20		
MS	226569-25	M351	0.50223548		0.500	0.00545724	99.4	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.48891000	0.50223548	0.500	0.00545724	96.7	%	75-125	09/08/2004	2025
							2.7	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	0.00088287							09/08/2004	2030
CCV		M0388	1.04740389		1.00		104.7	%	90-110	09/08/2004	2037
CCB			0.00006287							09/08/2004	2046
LCS		M383D	9.38429859		10.00		93.8	%	58-142	09/08/2004	2053
LCS		M351	0.50279742		0.500		100.6	%	58-142	09/08/2004	2058
CCV		M0388	1.03616912		1.00		103.6	%	90-110	09/08/2004	2139
CCB			0.00019187							09/08/2004	2151
CCV		M0388	1.04422738		1.00		104.4	%	90-110	09/08/2004	2235
CCB			0.00059657							09/08/2004	2246
MB		3050	0.00103891							09/08/2004	2301
LCS		M383D	9.43888745		10.00		94.4	%	58-142	09/08/2004	2308
LCS		M351	0.50107289		0.500		100.2	%	58-142	09/08/2004	2313
MS	226569-27	M351	2.27767131		0.500	2.05169945	45.2	%	75-125	09/08/2004	2326
MSD	226569-27	M351	2.77185726	2.27767131	0.500	2.05169945	144.0	%	75-125	09/08/2004	2331
							19.6	R	20		
CCV		M0388	1.01214756		1.00		101.2	%	90-110	09/08/2004	2337
CCB			0.00052947							09/08/2004	2349
CCV		M0388	1.00098606		1.00		100.1	%	90-110	09/09/2004	0035
CCB			0.00051739							09/09/2004	0047
CCV		M0388	0.99601005		1.00		99.6	%	90-110	09/09/2004	0132
CCB			0.00069213							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00502881		2.00		100.3	%	90-110	09/08/2004	1656
ICV		M0368	1.00647924		1.00		100.6	%	90-110	09/08/2004	1705
ICV		M0380	1.03854278		1.00		103.9	%	90-110	09/08/2004	1713
ICB			-0.0004661							09/08/2004	1727
ICB			-0.0000708							09/08/2004	1740
ICV		M0393	0.51695034		0.500		103.4	%	90-110	09/08/2004	1743
CCV		M0388	1.04106961		1.00		104.1	%	90-110	09/08/2004	1748
CCB			-0.0001269							09/08/2004	1800
CCV		M0388	1.01244830		1.00		101.2	%	90-110	09/08/2004	1841
CCB			-0.0004179							09/08/2004	1853
MB		3010	-0.0002306							09/08/2004	1918
LCS		M351	0.49820756		0.500		99.6	%	80-120	09/08/2004	1924
CCV		M0388	1.05535368		1.00		105.5	%	90-110	09/08/2004	1939
CCB			-0.0002171							09/08/2004	1951
MS	226560-1	M351	0.50049797		0.500	0.00198616	99.7	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.49153464	0.50049797	0.500	0.00198616	97.9	%	75-125	09/08/2004	2007
							1.8	R	20		
MS	226569-25	M351	0.49766219		0.500	0.00011128	99.5	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.48328126	0.49766219	0.500	0.00011128	96.6	%	75-125	09/08/2004	2025
							2.9	R	20		
MB		3050	-0.0003669							09/08/2004	2030
CCV		M0388	1.03600798		1.00		103.6	%	90-110	09/08/2004	2037
CCB			0.00007200							09/08/2004	2046
LCS		M383D	1.20311238		1.27		94.7	%	73-127	09/08/2004	2053

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.49120905		0.500		98.2	%	73-127	09/08/2004	2058
MS	226547-9	M351	0.48174493		0.500	0.01670373	93.0	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.47955372	0.48174493	0.500	0.01670373	92.6	%	75-125	09/08/2004	2134
							0.5	R	20		
CCV		M0388	1.02390176		1.00		102.4	%	90-110	09/08/2004	2139
CCB			0.00032258							09/08/2004	2151
CCV		M0388	1.02928246		1.00		102.9	%	90-110	09/08/2004	2235
CCB			0.00135710							09/08/2004	2246
MB		3050.	0.01001602							09/08/2004	2304
LCS		M383D	1.19178451		1.27		93.8	%	73-127	09/08/2004	2308
LCS		M351	0.49572427		0.500		99.1	%	73-127	09/08/2004	2313
MS	226569-27	M351	0.62126183		0.500	0.01842179	120.6	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.60567901	0.62126183	0.500	0.01842179	117.5	%	75-125	09/08/2004	2331
							2.5	R	20		
CCV		M0388	1.00036107		1.00		100.0	%	90-110	09/08/2004	2337
CCB			0.00135251							09/08/2004	2349
CCV		M0388	1.02213369		1.00		102.2	%	90-110	09/09/2004	0035
CCB			0.00080988							09/09/2004	0047
CCV		M0388	1.00646243		1.00		100.6	%	90-110	09/09/2004	0132
CCB			0.00064069							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00872263		2.00		100.4	%	90-110	10/07/2004	1225
ICV		M0368	1.01781302		1.00		101.8	%	90-110	10/07/2004	1234
ICV		M0380	1.01256384		1.00		101.3	%	90-110	10/07/2004	1243
ICB			-0.0001311							10/07/2004	1309
ICV		M0393	0.50530617		0.500		101.1	%	90-110	10/07/2004	1312
CCV		M0388	1.02708533		1.00		102.7	%	90-110	10/07/2004	1318
CCB			-0.0001625							10/07/2004	1330
MB		3010	-0.0001445							10/07/2004	1333
LCS		M351	0.51728672		0.500		103.5	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.51647738		0.500	0.00038494	103.2	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.51316388	0.51647738	0.500	0.00038494	102.6	%	75-125	10/07/2004	1401
							0.6	R	20		
CCV		M0388	1.02692660		1.00		102.7	%	90-110	10/07/2004	1421
CCB			-0.0002064							10/07/2004	1433
CCV		M0388	1.02664226		1.00		102.7	%	90-110	10/07/2004	1512
CCB			-0.0003761							10/07/2004	1524
MB		3050	-0.0002266							10/07/2004	1549
LCS		M351	0.47591543		0.500		95.2	%	73-127	10/07/2004	1556
LCS		M383D	0.99514607		1.27		78.4	%	73-127	10/07/2004	1602
CCV		M0388	1.02507395		1.00		102.5	%	90-110	10/07/2004	1610
CCB			-0.0002251							10/07/2004	1622
MS	226522-4	M351	0.44056873		0.500	0.02731793	82.7	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.44414691	0.44056873	0.500	0.02731793	83.4	%	75-125	10/07/2004	1642
							0.8	R	20		
CCV		M0388	1.01598447		1.00		101.6	%	90-110	10/07/2004	1706

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			-0.0002306							10/07/2004	1718
MB		3050	-0.0001887							10/07/2004	1725
LCS		M351	0.44606966		0.500		89.2	%	73-127	10/07/2004	1732
LCS		M383D	1.29376882		1.27		101.9	%	73-127	10/07/2004	1740
CCV		M0388	1.00984472		1.00		101.0	%	90-110	10/07/2004	1809
CCB			-0.0001972							10/07/2004	1821
CCV		M0388	1.01462709		1.00		101.5	%	90-110	10/07/2004	1907
CCB			0.00038564							10/07/2004	1919
CCV		M0388	1.00424860		1.00		100.4	%	90-110	10/07/2004	1959
CCB			-0.0001875							10/07/2004	2011
CCV		M0388	1.00564986		1.00		100.6	%	90-110	10/07/2004	2049
CCB			-0.0002415							10/07/2004	2101
CCV		M0388	1.01134468		1.00		101.1	%	90-110	10/07/2004	2116
CCB			-0.0004550							10/07/2004	2128
MB		3010	-0.0005958							10/07/2004	2132
LCS		M351B	0.88026614		1.00		88.0	%	80-120	10/07/2004	2139
MS	227021-1	M351	0.64313870		0.500	0.00735640	127.2	%	75-125	10/07/2004	2151
MSD	227021-1	M351E	0.27111628	0.64313870	0.250	0.00735640	105.5	%	75-125	10/07/2004	2157
							17.1	R	20		
CCV		M0388	1.01009811		1.00		101.0	%	90-110	10/07/2004	2216
CCB			-0.0001951							10/07/2004	2228
CCV		M0388	1.00047623		1.00		100.0	%	90-110	10/07/2004	2310
CCB			-0.0003718							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00356457		2.00		100.2	%	90-110	09/08/2004	1656
ICV		M0368	1.00121067		1.00		100.1	%	90-110	09/08/2004	1705
ICV		M0380	1.03377031		1.00		103.4	%	90-110	09/08/2004	1713
ICB			-0.0002528							09/08/2004	1727
ICB			0.00006848							09/08/2004	1740
ICV		M0393	0.51013283		0.500		102.0	%	90-110	09/08/2004	1743
CCV		M0388	1.04414758		1.00		104.4	%	90-110	09/08/2004	1748
CCB			-0.0007892							09/08/2004	1800
CCV		M0388	1.01432210		1.00		101.4	%	90-110	09/08/2004	1841
CCB			-0.0004036							09/08/2004	1853
MB		3010	-0.0005451							09/08/2004	1918
LCS		M351	0.49808348		0.500		99.6	%	80-120	09/08/2004	1924
CCV		M0388	1.05747554		1.00		105.7	%	90-110	09/08/2004	1939
CCB			-0.0003347							09/08/2004	1951
MS	226560-1	M351	0.49366019		0.500	0.00099134	98.5	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.48847914	0.49366019	0.500	0.00099134	97.5	%	75-125	09/08/2004	2007
							1.1	R	20		
MS	226569-25	M351	0.49896625		0.500	-0.0004053	99.9	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.49032513	0.49896625	0.500	-0.0004053	98.1	%	75-125	09/08/2004	2025
							1.7	R	20		
MB		3050	-0.0004707							09/08/2004	2030
CCV		M0388	1.04246855		1.00		104.2	%	90-110	09/08/2004	2037

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00036765							09/08/2004	2046
LCS		M383D	1.91774216		2.07		92.6	%	72-127	09/08/2004	2053
LCS		M351	0.49960279		0.500		99.9	%	72-127	09/08/2004	2058
MS	226547-9	M351	0.56428690		0.500	0.07914313	97.0	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.56475884	0.56428690	0.500	0.07914313	97.1	%	75-125	09/08/2004	2134
							0.1	R	20		
CCV		M0388	1.03337902		1.00		103.3	%	90-110	09/08/2004	2139
CCB			-0.0007337							09/08/2004	2151
CCV		M0388	1.04461939		1.00		104.5	%	90-110	09/08/2004	2235
CCB			-0.0000702							09/08/2004	2246
MB		3050	0.00056668							09/08/2004	2301
LCS		M383D	1.98874322		2.07		96.1	%	72-127	09/08/2004	2308
LCS		M351	0.50268094		0.500		100.5	%	72-127	09/08/2004	2313
MS	226569-27	M351	0.56335795		0.500	0.07900938	96.9	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.57519142	0.56335795	0.500	0.07900938	99.2	%	75-125	09/08/2004	2331
							2.1	R	20		
CCV		M0388	1.01435599		1.00		101.4	%	90-110	09/08/2004	2337
CCB			-0.0002265							09/08/2004	2349
CCV		M0388	1.03051533		1.00		103.1	%	90-110	09/09/2004	0035
CCB			-0.0003467							09/09/2004	0047
CCV		M0388	1.01808452		1.00		101.8	%	90-110	09/09/2004	0132
CCB			0.00001534							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00263357		2.00		100.1	%	90-110	10/07/2004	1225
ICV		M0368	1.00797848		1.00		100.8	%	90-110	10/07/2004	1234
ICV		M0380	1.00027304		1.00		100.0	%	90-110	10/07/2004	1243
ICB			-0.0001556							10/07/2004	1309
ICV		M0393	0.49535729		0.500		99.1	%	90-110	10/07/2004	1312
CCV		M0388	1.02695331		1.00		102.7	%	90-110	10/07/2004	1318
CCB			-0.0001141							10/07/2004	1330
MB		3010	-0.0000732							10/07/2004	1333
LCS		M351	0.51932595		0.500		103.9	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.52263172		0.500	0.00082648	104.4	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.51790579	0.52263172	0.500	0.00082648	103.4	%	75-125	10/07/2004	1401
							0.9	R	20		
CCV		M0388	1.03077143		1.00		103.1	%	90-110	10/07/2004	1421
CCB			-0.0001582							10/07/2004	1433
CCV		M0388	1.03058712		1.00		103.1	%	90-110	10/07/2004	1512
CCB			0.00055065							10/07/2004	1524
MB		3050	0.00124671							10/07/2004	1549
LCS		M351	0.48923647		0.500		97.8	%	72-127	10/07/2004	1556
LCS		M383D	1.56578855		2.07		75.6	%	72-127	10/07/2004	1602
CCV		M0388	1.02571355		1.00		102.6	%	90-110	10/07/2004	1610
CCB			0.00012847							10/07/2004	1622
MS	226522-4	M351	0.50237332		0.500	0.07014887	86.4	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.51395341	0.50237332	0.500	0.07014887	88.8	%	75-125	10/07/2004	1642
							2.3	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.02168159		1.00		102.2	%	90-110	10/07/2004	1706
CCB			0.00007078							10/07/2004	1718
MB		3050	0.00007788							10/07/2004	1725
LCS		M351	0.45961698		0.500		91.9	%	72-127	10/07/2004	1732
LCS		M383D	2.15749821		2.07		104.2	%	72-127	10/07/2004	1740
MS	226569-20	M351	0.58726850		0.500	0.04350861	108.8	%	75-125	10/07/2004	1803
CCV		M0388	1.01765820		1.00		101.8	%	90-110	10/07/2004	1809
CCB			0.00000015							10/07/2004	1821
MSD	226569-20	M351	0.46980908	0.46980908	0.500	0.04350861	85.3	%	75-125	10/07/2004	1825
							0.0	R	20		
CCV		M0388	1.02299036		1.00		102.3	%	90-110	10/07/2004	1907
CCB			-0.0000300							10/07/2004	1919
CCV		M0388	1.01731216		1.00		101.7	%	90-110	10/07/2004	1959
CCB			-0.0000557							10/07/2004	2011
CCV		M0388	1.01631303		1.00		101.6	%	90-110	10/07/2004	2049
CCB			0.00025927							10/07/2004	2101
CCV		M0388	1.01785488		1.00		101.8	%	90-110	10/07/2004	2116
CCB			-0.0001233							10/07/2004	2128
MB		3010	-0.0004697							10/07/2004	2132
LCS		M351B	0.88865286		1.00		88.9	%	80-120	10/07/2004	2139
MS	227021-1	M351	0.63382526		0.500	0.00519689	125.7	%	75-125	10/07/2004	2151
MSD	227021-1	M351E	0.26384233	0.63382526	0.250	0.00519689	103.5	%	75-125	10/07/2004	2157
							17.7	R	20		
CCV		M0388	1.01364623		1.00		101.4	%	90-110	10/07/2004	2216
CCB			0.00012878							10/07/2004	2228
CCV		M0388	1.01288211		1.00		101.3	%	90-110	10/07/2004	2310
CCB			-0.0000305							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99617004		2.00		99.8	%	90-110	09/08/2004	1656
ICV		M0368	1.00978592		1.00		101.0	%	90-110	09/08/2004	1705
ICV		M0380	1.09877633		1.00		109.9	%	90-110	09/08/2004	1713
ICB			0.00035137							09/08/2004	1727
ICB			0.00074159							09/08/2004	1740
ICV		M0393	0.52340170		0.500		104.7	%	90-110	09/08/2004	1743
CCV		M0388	1.05298855		1.00		105.3	%	90-110	09/08/2004	1748
CCB			0.00069126							09/08/2004	1800
CCV		M0388	1.02966230		1.00		103.0	%	90-110	09/08/2004	1841
CCB			0.00027132							09/08/2004	1853
MB		3010	-0.0001763							09/08/2004	1918
LCS		M351	0.50822506		0.500		101.6	%	80-120	09/08/2004	1924
CCV		M0388	1.06284819		1.00		106.3	%	90-110	09/08/2004	1939
CCB			0.00027244							09/08/2004	1951
MS	226560-1	M351	0.48858336		0.500	0.01152952	95.4	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.48164713	0.48858336	0.500	0.01152952	94.0	%	75-125	09/08/2004	2007
							1.4	R	20		
MS	226569-25	M351	0.49389104		0.500	-0.0001560	98.8	%	75-125	09/08/2004	2019

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226569-25	M351	0.48911573	0.49389104	0.500	-0.0001560	97.9	%	75-125	09/08/2004	2025
							1.0	R	20		
MB		3050	0.00032476							09/08/2004	2030
CCV		M0388	1.03611207		1.00		103.6	%	90-110	09/08/2004	2037
CCB			-0.0002146							09/08/2004	2046
LCS		M383D	2.07612456		2.10		98.9	%	72-128	09/08/2004	2053
LCS		M351	0.49672234		0.500		99.3	%	72-128	09/08/2004	2058
MS	226547-9	M351	0.50095820		0.500	0.03964048	92.3	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.49559558	0.50095820	0.500	0.03964048	91.2	%	75-125	09/08/2004	2134
							1.1	R	20		
CCV		M0388	1.03032955		1.00		103.0	%	90-110	09/08/2004	2139
CCB			0.00001937							09/08/2004	2151
CCV		M0388	1.02238742		1.00		102.2	%	90-110	09/08/2004	2235
CCB			0.00068297							09/08/2004	2246
MB		3050	0.00043139							09/08/2004	2301
LCS		M383D	2.01017809		2.10		95.7	%	72-128	09/08/2004	2308
LCS		M351	0.48977960		0.500		98.0	%	72-128	09/08/2004	2313
MS	226569-27	M351	0.50586629		0.500	0.03711586	93.8	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.47197135	0.50586629	0.500	0.03711586	87.0	%	75-125	09/08/2004	2331
							6.9	R	20		
CCV		M0388	1.00050058		1.00		100.1	%	90-110	09/08/2004	2337
CCB			0.00095274							09/08/2004	2349
CCV		M0388	0.98238877		1.00		98.2	%	90-110	09/09/2004	0035
CCB			0.00146697							09/09/2004	0047
CCV		M0388	0.99036165		1.00		99.0	%	90-110	09/09/2004	0132
CCB			0.00177316							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00340228		2.00		100.2	%	90-110	10/07/2004	1225
ICV		M0368	1.02761339		1.00		102.8	%	90-110	10/07/2004	1234
ICV		M0380	1.06095135		1.00		106.1	%	90-110	10/07/2004	1243
ICB			0.00032531							10/07/2004	1309
ICV		M0393	0.50606254		0.500		101.2	%	90-110	10/07/2004	1312
CCV		M0388	1.03842500		1.00		103.8	%	90-110	10/07/2004	1318
CCB			0.00020643							10/07/2004	1330
MB		3010	0.00018763							10/07/2004	1333
LCS		M351	0.52760229		0.500		105.5	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.51862901		0.500	0.00062299	103.6	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.51017950	0.51862901	0.500	0.00062299	101.9	%	75-125	10/07/2004	1401
							1.6	R	20		
CCV		M0388	1.03836357		1.00		103.8	%	90-110	10/07/2004	1421
CCB			0.00010090							10/07/2004	1433
CCV		M0388	1.03806946		1.00		103.8	%	90-110	10/07/2004	1512
CCB			0.00031915							10/07/2004	1524
MB		3050	0.00000362							10/07/2004	1549
LCS		M351	0.48822914		0.500		97.6	%	72-128	10/07/2004	1556
LCS		M383D	1.65742744		2.10		78.9	%	72-128	10/07/2004	1602

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.03356828		1.00		103.4	%	90-110	10/07/2004	1610
CCB			0.00023113							10/07/2004	1622
MS	226522-4	M351	0.43977529		0.500	0.04580548	78.8	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.47001703	0.43977529	0.500	0.04580548	84.8	%	75-125	10/07/2004	1642
							6.6	R	20		
CCV		M0388	1.02682406		1.00		102.7	%	90-110	10/07/2004	1706
CCB			0.00023571							10/07/2004	1718
MB		3050	0.00034902							10/07/2004	1725
LCS		M351	0.45701916		0.500		91.4	%	72-128	10/07/2004	1732
LCS		M383D	2.22753330		2.10		106.1	%	72-128	10/07/2004	1740
MS	226569-20	M351	0.47845280		0.500	0.01986984	91.7	%	75-125	10/07/2004	1803
CCV		M0388	1.02473473		1.00		102.5	%	90-110	10/07/2004	1809
CCB			0.00023775							10/07/2004	1821
MSD	226569-20	M351	0.42105858	0.42105858	0.500	0.01986984	80.2	%	75-125	10/07/2004	1825
							0.0	R	20		
CCV		M0388	1.02179486		1.00		102.2	%	90-110	10/07/2004	1907
CCB			0.00042445							10/07/2004	1919
CCV		M0388	1.01462745		1.00		101.5	%	90-110	10/07/2004	1959
CCB			0.00030564							10/07/2004	2011
CCV		M0388	1.01433994		1.00		101.4	%	90-110	10/07/2004	2049
CCB			0.00024167							10/07/2004	2101
CCV		M0388	1.01692567		1.00		101.7	%	90-110	10/07/2004	2116
CCB			0.00024994							10/07/2004	2128
MB		3010	-0.0013006							10/07/2004	2132
LCS		M351B	0.88849053		1.00		88.8	%	80-120	10/07/2004	2139
CCV		M0388	1.01162623		1.00		101.2	%	90-110	10/07/2004	2216
CCB			0.00037937							10/07/2004	2228
CCV		M0388	1.01120221		1.00		101.1	%	90-110	10/07/2004	2310
CCB			0.00051073							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99651204		2.00		99.8	%	90-110	09/08/2004	1656
ICV		M0368	1.00655758		1.00		100.7	%	90-110	09/08/2004	1705
ICV		M0380	1.03900871		1.00		103.9	%	90-110	09/08/2004	1713
ICB			-0.0010491							09/08/2004	1727
ICB			-0.0026753							09/08/2004	1740
ICV		M0393	0.51913540		0.500		103.8	%	90-110	09/08/2004	1743
CCV		M0388	1.05295788		1.00		105.3	%	90-110	09/08/2004	1748
CCB			-0.0014685							09/08/2004	1800
CCV		M0388	1.01869663		1.00		101.9	%	90-110	09/08/2004	1841
CCB			-0.0010838							09/08/2004	1853
MB		3010	-0.0012850							09/08/2004	1918
LCS		M351	0.50170001		0.500		100.3	%	80-120	09/08/2004	1924
CCV		M0388	1.06697256		1.00		106.7	%	90-110	09/08/2004	1939
CCB			-0.0000915							09/08/2004	1951
MS	226560-1	M351	0.55098218		0.500	-0.0096696	112.1	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.54117698	0.55098218	0.500	-0.0096696	110.2	%	75-125	09/08/2004	2007
							1.8	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226569-25	M351	0.50091459		0.500	-0.0003358	100.3	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.48841966	0.50091459	0.500	-0.0003358	97.8	%	75-125	09/08/2004	2025
							2.5	R	20		
MB		3050	-0.0015737							09/08/2004	2030
CCV		M0388	1.04415238		1.00		104.4	%	90-110	09/08/2004	2037
CCB			0.00019591							09/08/2004	2046
LCS		M383D	0.81679933		0.85		96.1	%	67-133	09/08/2004	2053
LCS		M351	0.49352801		0.500		98.7	%	67-133	09/08/2004	2058
MS	226547-9	M351	0.58977098		0.500	0.07273200	103.4	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.59150613	0.58977098	0.500	0.07273200	103.8	%	75-125	09/08/2004	2134
							0.3	R	20		
CCV		M0388	1.04075227		1.00		104.1	%	90-110	09/08/2004	2139
CCB			0.00072314							09/08/2004	2151
CCV		M0388	1.04377335		1.00		104.4	%	90-110	09/08/2004	2235
CCB			0.00490539							09/08/2004	2246
MB		3050	-0.0000923							09/08/2004	2301
LCS		M383D	0.81178744		0.85		95.5	%	67-133	09/08/2004	2308
LCS		M351	0.49294835		0.500		98.6	%	67-133	09/08/2004	2313
MS	226569-27	M351	0.60831742		0.500	0.05891675	109.9	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.74156590	0.60831742	0.500	0.05891675	136.5	%	75-125	09/08/2004	2331
							19.7	R	20		
CCV		M0388	1.01155618		1.00		101.2	%	90-110	09/08/2004	2337
CCB			-0.0004365							09/08/2004	2349
CCV		M0388	1.06668766		1.00		106.7	%	90-110	09/09/2004	0035
CCB			0.00030169							09/09/2004	0047
CCV		M0388	1.02919993		1.00		102.9	%	90-110	09/09/2004	0132
CCB			-0.0007301							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00594212		2.00		100.3	%	90-110	10/07/2004	1225
ICV		M0368	1.02741122		1.00		102.7	%	90-110	10/07/2004	1234
ICV		M0380	1.02845192		1.00		102.8	%	90-110	10/07/2004	1243
ICB			0.00108181							10/07/2004	1309
ICV		M0393	0.51694802		0.500		103.4	%	90-110	10/07/2004	1312
CCV		M0388	1.04484864		1.00		104.5	%	90-110	10/07/2004	1318
CCB			0.00186512							10/07/2004	1330
MB		3010	0.00073413							10/07/2004	1333
LCS		M351	0.53198646		0.500		106.4	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.54818214		0.500	0.00566558	108.5	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.54338270	0.54818214	0.500	0.00566558	107.5	%	75-125	10/07/2004	1401
							0.9	R	20		
CCV		M0388	1.05052658		1.00		105.1	%	90-110	10/07/2004	1421
CCB			0.00066582							10/07/2004	1433
CCV		M0388	1.05083206		1.00		105.1	%	90-110	10/07/2004	1512
CCB			0.00025213							10/07/2004	1524
MB		3050	0.00004269							10/07/2004	1549
LCS		M351	0.49166374		0.500		98.3	%	67-133	10/07/2004	1556

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M383D	0.67681696		0.85		79.6	%	67-133	10/07/2004	1602
CCV		M0388	1.05050020		1.00		105.1	%	90-110	10/07/2004	1610
CCB			0.00053159							10/07/2004	1622
MS	226522-4	M351	0.51535762		0.500	0.05626240	91.8	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.51246399	0.51535762	0.500	0.05626240	91.2	%	75-125	10/07/2004	1642
							0.6	R	20		
CCV		M0388	1.03919764		1.00		103.9	%	90-110	10/07/2004	1706
CCB			0.00049319							10/07/2004	1718
MB		3050	0.00064143							10/07/2004	1725
LCS		M351	0.45879895		0.500		91.8	%	67-133	10/07/2004	1732
LCS		M383D	0.90225230		0.85		106.1	%	67-133	10/07/2004	1740
CCV		M0388	1.08148264		1.00		108.1	%	90-110	10/07/2004	1809
CCB			0.01376029							10/07/2004	1821
CCV		M0388	1.03927967		1.00		103.9	%	90-110	10/07/2004	1907
CCB			0.00256107							10/07/2004	1919
CCV		M0388	1.03364115		1.00		103.4	%	90-110	10/07/2004	1959
CCB			0.00119792							10/07/2004	2011
CCV		M0388	1.03235268		1.00		103.2	%	90-110	10/07/2004	2049
CCB			0.00196729							10/07/2004	2101
CCV		M0388	1.04348235		1.00		104.3	%	90-110	10/07/2004	2116
CCB			0.00075675							10/07/2004	2128
MB		3010	0.00558417							10/07/2004	2132
LCS		M351B	0.90983053		1.00		91.0	%	80-120	10/07/2004	2139
CCV		M0388	1.05649434		1.00		105.6	%	90-110	10/07/2004	2216
CCB			0.00112932							10/07/2004	2228
CCV		M0388	1.04342563		1.00		104.3	%	90-110	10/07/2004	2310
CCB			0.00077918							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01577106		2.00		100.8	%	90-110	09/08/2004	1656
ICV		M0368	1.01272174		1.00		101.3	%	90-110	09/08/2004	1705
ICV		M0380	1.06408015		1.00		106.4	%	90-110	09/08/2004	1713
ICB			-0.0001865							09/08/2004	1727
ICB			-0.0009980							09/08/2004	1740
ICV		M0393	0.52653278		0.500		105.3	%	90-110	09/08/2004	1743
CCV		M0388	1.04686790		1.00		104.7	%	90-110	09/08/2004	1748
CCB			0.00089035							09/08/2004	1800
CCV		M0388	1.02416338		1.00		102.4	%	90-110	09/08/2004	1841
CCB			-0.0039452							09/08/2004	1853
MB		3010	-0.0035594							09/08/2004	1918
LCS		M351	0.51166605		0.500		102.3	%	80-120	09/08/2004	1924
CCV		M0388	1.06046753		1.00		106.0	%	90-110	09/08/2004	1939
CCB			0.00094831							09/08/2004	1951
MS	226560-1	M351	0.60808124		0.500	0.11444461	98.7	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.59882672	0.60808124	0.500	0.11444461	96.9	%	75-125	09/08/2004	2007
							1.5	R	20		
MS	226569-25	M351	0.49628718		0.500	0.00215682	98.8	%	75-125	09/08/2004	2019

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MSD	226569-25	M351	0.48771272	0.49628718	0.500	0.00215682	97.1	%	75-125	09/08/2004	2025
							1.7	R	20		
MB		3050	0.00012257							09/08/2004	2030
CCV		M0388	1.04235737		1.00		104.2	%	90-110	09/08/2004	2037
CCB			0.00195257							09/08/2004	2046
LCS		M383D	1.97024022		2.04		96.6	%	71-129	09/08/2004	2053
LCS		M351	0.49418958		0.500		98.8	%	71-129	09/08/2004	2058
MS	226547-9	M351	0.51647331		0.500	0.06129582	91.0	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.52662541	0.51647331	0.500	0.06129582	93.1	%	75-125	09/08/2004	2134
							1.9	R	20		
CCV		M0388	1.02747932		1.00		102.7	%	90-110	09/08/2004	2139
CCB			-0.0021075							09/08/2004	2151
CCV		M0388	1.02173587		1.00		102.2	%	90-110	09/08/2004	2235
CCB			-0.0016174							09/08/2004	2246
MB		3050	-0.0052187							09/08/2004	2301
LCS		M383D	1.91037116		2.04		93.6	%	71-129	09/08/2004	2308
LCS		M351	0.49020431		0.500		98.0	%	71-129	09/08/2004	2313
MS	226569-27	M351	0.52869116		0.500	0.06424005	92.9	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.49691215	0.52869116	0.500	0.06424005	86.5	%	75-125	09/08/2004	2331
							6.2	R	20		
CCV		M0388	0.99807699		1.00		99.8	%	90-110	09/08/2004	2337
CCB			-0.0011640							09/08/2004	2349
CCV		M0388	0.97740335		1.00		97.7	%	90-110	09/09/2004	0035
CCB			-0.0045763							09/09/2004	0047
CCV		M0388	0.99152437		1.00		99.2	%	90-110	09/09/2004	0132
CCB			-0.0058982							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99743796		2.00		99.9	%	90-110	09/08/2004	1656
ICV		M0368	1.00557760		1.00		100.6	%	90-110	09/08/2004	1705
ICV		M0380	1.01641913		1.00		101.6	%	90-110	09/08/2004	1713
ICB			-0.0004303							09/08/2004	1727
ICB			-0.0004578							09/08/2004	1740
ICV		M0393	0.51416646		0.500		102.8	%	90-110	09/08/2004	1743
CCV		M0388	1.04710037		1.00		104.7	%	90-110	09/08/2004	1748
CCB			-0.0003483							09/08/2004	1800
CCV		M0388	1.02025575		1.00		102.0	%	90-110	09/08/2004	1841
CCB			-0.0003313							09/08/2004	1853
MB		3010	-0.0004043							09/08/2004	1918
LCS		M351	0.50185827		0.500		100.4	%	80-120	09/08/2004	1924
CCV		M0388	1.05465299		1.00		105.5	%	90-110	09/08/2004	1939
CCB			-0.0003141							09/08/2004	1951
MS	226560-1	M351	4.75111471		0.500	4.24551476	101.1	%	75-125	09/08/2004	2001
MSD	226560-1	M351	4.71335921	4.75111471	0.500	4.24551476	93.6	%	75-125	09/08/2004	2007
							0.8	R	20		
MS	226569-25	M351	0.49780387		0.500	0.00041842	99.5	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.48506248	0.49780387	0.500	0.00041842	96.9	%	75-125	09/08/2004	2025
							2.6	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	-0.0003015							09/08/2004	2030
CCV		M0388	1.03175290		1.00		103.2	%	90-110	09/08/2004	2037
CCB			-0.0004130							09/08/2004	2046
LCS		M383D	5.50232858		5.68		96.9	%	75-125	09/08/2004	2053
LCS		M351	0.54226740		0.500		108.5	%	75-125	09/08/2004	2058
MS	226547-9	M351	2.48621976		0.500	1.75170021	146.9	%	75-125	09/08/2004	2129
MSD	226547-9	M351	2.24980559	2.48621976	0.500	1.75170021	99.6	%	75-125	09/08/2004	2134
							10.0	R	20		
CCV		M0388	1.02617008		1.00		102.6	%	90-110	09/08/2004	2139
CCB			0.00010732							09/08/2004	2151
CCV		M0388	1.02605983		1.00		102.6	%	90-110	09/08/2004	2235
CCB			0.00092407							09/08/2004	2246
MB		3050	0.00042984							09/08/2004	2301
LCS		M383D	5.32619015		5.68		93.8	%	75-125	09/08/2004	2308
LCS		M351	0.51380199		0.500		102.8	%	75-125	09/08/2004	2313
CCV		M0388	0.99750048		1.00		99.8	%	90-110	09/08/2004	2337
CCB			0.00000122							09/08/2004	2349
CCV		M0388	0.99972193		1.00		100.0	%	90-110	09/09/2004	0035
CCB			-0.0000935							09/09/2004	0047
CCV		M0388	0.98951799		1.00		99.0	%	90-110	09/09/2004	0132
CCB			-0.0004229							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99395118		2.00		99.7	%	90-110	10/07/2004	1225
ICV		M0368	1.00531371		1.00		100.5	%	90-110	10/07/2004	1234
ICV		M0380	0.97892428		1.00		97.9	%	90-110	10/07/2004	1243
ICB			-0.0000526							10/07/2004	1309
ICV		M0393	0.49592146		0.500		99.2	%	90-110	10/07/2004	1312
CCV		M0388	1.02370719		1.00		102.4	%	90-110	10/07/2004	1318
CCB			0.00017263							10/07/2004	1330
MB		3010	-0.0001318							10/07/2004	1333
LCS		M351	0.52118071		0.500		104.2	%	80-120	10/07/2004	1340
MS	227015-5	M351	1.24729234		0.500	0.72030502	105.4	%	75-125	10/07/2004	1356
MSD	227015-5	M351	1.24912339	1.24729234	0.500	0.72030502	105.8	%	75-125	10/07/2004	1401
							0.1	R	20		
CCV		M0388	1.02881916		1.00		102.9	%	90-110	10/07/2004	1421
CCB			0.00000362							10/07/2004	1433
CCV		M0388	1.02884570		1.00		102.9	%	90-110	10/07/2004	1512
CCB			0.00015969							10/07/2004	1524
MB		3050	-0.0000544							10/07/2004	1549
LCS		M351	0.48654708		0.500		97.3	%	75-125	10/07/2004	1556
LCS		M383D	4.49804841		5.68		79.2	%	75-125	10/07/2004	1602
CCV		M0388	1.02531918		1.00		102.5	%	90-110	10/07/2004	1610
CCB			-0.0000463							10/07/2004	1622
MS	226522-4	M351	2.94847718		0.500	2.63428456	62.8	%	75-125	10/07/2004	1637
MSD	226522-4	M351	3.07262021	2.94847718	0.500	2.63428456	87.7	%	75-125	10/07/2004	1642
							4.1	R	20		

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.02325588		1.00		102.3	%	90-110	10/07/2004	1706
CCB			0.00048734							10/07/2004	1718
MB		3050	0.00106623							10/07/2004	1725
LCS		M351	0.44697915		0.500		89.4	%	75-125	10/07/2004	1732
LCS		M383D	5.97119681		5.68		105.1	%	75-125	10/07/2004	1740
CCV		M0388	1.01475402		1.00		101.5	%	90-110	10/07/2004	1809
CCB			0.00005751							10/07/2004	1821
CCV		M0388	1.02012803		1.00		102.0	%	90-110	10/07/2004	1907
CCB			0.00075251							10/07/2004	1919
CCV		M0388	1.01248304		1.00		101.2	%	90-110	10/07/2004	1959
CCB			0.00073876							10/07/2004	2011
CCV		M0388	1.00955010		1.00		101.0	%	90-110	10/07/2004	2049
CCB			0.00055622							10/07/2004	2101
CCV		M0388	1.00856587		1.00		100.9	%	90-110	10/07/2004	2116
CCB			-0.0000157							10/07/2004	2128
MB		3010	-0.0000933							10/07/2004	2132
LCS		M351B	0.87876569		1.00		87.9	%	80-120	10/07/2004	2139
CCV		M0388	1.01274975		1.00		101.3	%	90-110	10/07/2004	2216
CCB			0.00030073							10/07/2004	2228
CCV		M0388	1.00198673		1.00		100.2	%	90-110	10/07/2004	2310
CCB			-0.0000578							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01611807		2.00		100.8	%	90-110	09/08/2004	1656
ICV		M0368	0.99742750		1.00		99.7	%	90-110	09/08/2004	1705
ICV		M0380	1.06105293		1.00		106.1	%	90-110	09/08/2004	1713
ICB			-0.0000795							09/08/2004	1727
ICB			-0.0011684							09/08/2004	1740
ICV		M0393	0.51129299		0.500		102.3	%	90-110	09/08/2004	1743
CCV		M0388	1.05403176		1.00		105.4	%	90-110	09/08/2004	1748
CCB			-0.0016033							09/08/2004	1800
CCV		M0388	1.02766469		1.00		102.8	%	90-110	09/08/2004	1841
CCB			-0.0011581							09/08/2004	1853
MB		3010	-0.0018087							09/08/2004	1918
LCS		M351	0.50897767		0.500		101.8	%	80-120	09/08/2004	1924
CCV		M0388	1.06699546		1.00		106.7	%	90-110	09/08/2004	1939
CCB			-0.0021308							09/08/2004	1951
MS	226560-1	M351	0.54424241		0.500	0.05043464	98.8	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.54192761	0.54424241	0.500	0.05043464	98.3	%	75-125	09/08/2004	2007
							0.4	R	20		
MS	226569-25	M351	0.49722855		0.500	-0.0014394	99.7	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.49046954	0.49722855	0.500	-0.0014394	98.4	%	75-125	09/08/2004	2025
							1.4	R	20		
MB		3050	-0.0011854							09/08/2004	2030
CCV		M0388	1.04725573		1.00		104.7	%	90-110	09/08/2004	2037
CCB			-0.0009903							09/08/2004	2046
LCS		M383D	1.87273224		1.89		99.1	%	72-128	09/08/2004	2053

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.50230044		0.500		100.5	%	72-128	09/08/2004	2058
MS	226547-9	M351	0.55101378		0.500	0.08121082	94.0	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.54441855	0.55101378	0.500	0.08121082	92.6	%	75-125	09/08/2004	2134
							1.2	R	20		
CCV		M0388	1.04293968		1.00		104.3	%	90-110	09/08/2004	2139
CCB			-0.0005773							09/08/2004	2151
CCV		M0388	1.05315818		1.00		105.3	%	90-110	09/08/2004	2235
CCB			0.00142007							09/08/2004	2246
MB		3050	0.00823397							09/08/2004	2301
LCS		M383D	1.82585219		1.89		96.6	%	72-128	09/08/2004	2308
LCS		M351	0.50279519		0.500		100.6	%	72-128	09/08/2004	2313
MS	226569-27	M351	0.76596089		0.500	0.10623427	131.9	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.81480712	0.76596089	0.500	0.10623427	141.7	%	75-125	09/08/2004	2331
							6.2	R	20		
CCV		M0388	1.02301377		1.00		102.3	%	90-110	09/08/2004	2337
CCB			0.00022705							09/08/2004	2349
CCV		M0388	1.03282478		1.00		103.3	%	90-110	09/09/2004	0035
CCB			-0.0002242							09/09/2004	0047
CCV		M0388	1.02697932		1.00		102.7	%	90-110	09/09/2004	0132
CCB			-0.0005823							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.00847312		2.00		100.4	%	90-110	10/07/2004	1225
ICV		M0368	1.01548758		1.00		101.5	%	90-110	10/07/2004	1234
ICV		M0380	1.02611059		1.00		102.6	%	90-110	10/07/2004	1243
ICB			0.00005079							10/07/2004	1309
ICV		M0393	0.50777836		0.500		101.6	%	90-110	10/07/2004	1312
CCV		M0388	1.03292399		1.00		103.3	%	90-110	10/07/2004	1318
CCB			-0.0003137							10/07/2004	1330
MB		3010	0.00010865							10/07/2004	1333
LCS		M351	0.52448440		0.500		104.9	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.51145586		0.500	0.00656256	101.0	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.51095944	0.51145586	0.500	0.00656256	100.9	%	75-125	10/07/2004	1401
							0.1	R	20		
CCV		M0388	1.03791781		1.00		103.8	%	90-110	10/07/2004	1421
CCB			-0.0003638							10/07/2004	1433
CCV		M0388	1.03657268		1.00		103.7	%	90-110	10/07/2004	1512
CCB			0.00014439							10/07/2004	1524
MB		3050	-0.0003196							10/07/2004	1549
LCS		M351	0.48734220		0.500		97.5	%	72-128	10/07/2004	1556
LCS		M383D	1.45134243		1.89		76.8	%	72-128	10/07/2004	1602
CCV		M0388	1.03352308		1.00		103.4	%	90-110	10/07/2004	1610
CCB			0.00025190							10/07/2004	1622
MS	226522-4	M351	0.50150758		0.500	0.08743559	82.8	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.49684731	0.50150758	0.500	0.08743559	81.9	%	75-125	10/07/2004	1642
							0.9	R	20		
CCV		M0388	1.02465641		1.00		102.5	%	90-110	10/07/2004	1706

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00004369							10/07/2004	1718
MB		3050	0.00033753							10/07/2004	1725
LCS		M351	0.45585340		0.500		91.2	%	72-128	10/07/2004	1732
LCS		M383D	1.94231876		1.89		102.8	%	72-128	10/07/2004	1740
CCV		M0388	1.02540584		1.00		102.5	%	90-110	10/07/2004	1809
CCB			0.00059642							10/07/2004	1821
CCV		M0388	1.02571367		1.00		102.6	%	90-110	10/07/2004	1907
CCB			0.00044804							10/07/2004	1919
CCV		M0388	1.01985071		1.00		102.0	%	90-110	10/07/2004	1959
CCB			0.00038851							10/07/2004	2011
CCV		M0388	1.01799226		1.00		101.8	%	90-110	10/07/2004	2049
CCB			-0.0003241							10/07/2004	2101
CCV		M0388	1.02029569		1.00		102.0	%	90-110	10/07/2004	2116
CCB			-0.0001263							10/07/2004	2128
MB		3010	0.00426687							10/07/2004	2132
LCS		M351B	0.88842105		1.00		88.8	%	80-120	10/07/2004	2139
MS	227021-1	M351	0.68902534		0.500	0.07164092	123.5	%	75-125	10/07/2004	2151
MSD	227021-1	M351E	0.33159156	0.68902534	0.250	0.07164092	104.0	%	75-125	10/07/2004	2157
							15.8	R	20		
CCV		M0388	1.01754189		1.00		101.8	%	90-110	10/07/2004	2216
CCB			0.00008463							10/07/2004	2228
CCV		M0388	1.02159325		1.00		102.2	%	90-110	10/07/2004	2310
CCB			0.00000839							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.02230169		2.00		101.1	%	90-110	09/08/2004	1656
ICV		M0368	1.01813217		1.00		101.8	%	90-110	09/08/2004	1705
ICV		M0380	1.04114489		1.00		104.1	%	90-110	09/08/2004	1713
ICB			-0.0040502							09/08/2004	1727
ICB			-0.0038453							09/08/2004	1740
ICV		M0393	0.49570527		0.500		99.1	%	90-110	09/08/2004	1743
CCV		M0388	1.04022467		1.00		104.0	%	90-110	09/08/2004	1748
CCB			0.00104515							09/08/2004	1800
CCV		M0388	1.02070860		1.00		102.1	%	90-110	09/08/2004	1841
CCB			-0.0321133							09/08/2004	1853
MB		3010	-0.0058657							09/08/2004	1918
LCS		M351	0.47682533		0.500		95.4	%	80-120	09/08/2004	1924
CCV		M0388	1.07532742		1.00		107.5	%	90-110	09/08/2004	1939
CCB			0.00169218							09/08/2004	1951
MS	226560-1	M351	0.48949446		0.500	-0.0302283	103.9	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.49570724	0.48949446	0.500	-0.0302283	105.2	%	75-125	09/08/2004	2007
							1.3	R	20		
MS	226569-25	M351	0.47100641		0.500	0.00120047	94.0	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.46289180	0.47100641	0.500	0.00120047	92.3	%	75-125	09/08/2004	2025
							1.7	R	20		
MB		3050	-0.0225483							09/08/2004	2030
CCV		M0388	1.00111972		1.00		100.1	%	90-110	09/08/2004	2037

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCB			0.00375753							09/08/2004	2046
LCS		M383D	0.94059098		0.996		94.4	%	59-141	09/08/2004	2053
LCS		M351	0.47166526		0.500		94.3	%	59-141	09/08/2004	2058
MS	226547-9	M351	0.44212538		0.500	-0.0152199	91.5	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.45810055	0.44212538	0.500	-0.0152199	94.7	%	75-125	09/08/2004	2134
							3.5	R	20		
CCV		M0388	1.02889089		1.00		102.9	%	90-110	09/08/2004	2139
CCB			-0.0009637							09/08/2004	2151
CCV		M0388	0.99322604		1.00		99.3	%	90-110	09/08/2004	2235
CCB			-0.0016193							09/08/2004	2246
MB		3050	-0.0040706							09/08/2004	2301
LCS		M383D	0.94602668		0.996		95.0	%	59-141	09/08/2004	2308
LCS		M351	0.49424794		0.500		98.8	%	59-141	09/08/2004	2313
MS	226569-27	M351	0.45978902		0.500	0.01272498	89.4	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.43073712	0.45978902	0.500	0.01272498	83.6	%	75-125	09/08/2004	2331
							6.5	R	20		
CCV		M0388	0.98633815		1.00		98.6	%	90-110	09/08/2004	2337
CCB			-0.0061100							09/08/2004	2349
CCV		M0388	1.06882723		1.00		106.9	%	90-110	09/09/2004	0035
CCB			-0.0091242							09/09/2004	0047
CCV		M0388	1.03336435		1.00		103.3	%	90-110	09/09/2004	0132
CCB			-0.0014864							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	0.99744819		1.0		99.7	%	90-110	09/08/2004	1656
ICV		M0369	1.00487193		1.00		100.5	%	90-110	09/08/2004	1710
ICB			0.00247113							09/08/2004	1727
ICB			0.00327901							09/08/2004	1740
ICV		M0393	0.51741828		0.500		103.5	%	90-110	09/08/2004	1743
CCV		M0388	0.52143550		0.50		104.3	%	90-110	09/08/2004	1748
CCB			-0.0001112							09/08/2004	1800
CCV		M0388	0.50513363		0.50		101.0	%	90-110	09/08/2004	1841
CCB			0.00077884							09/08/2004	1853
MB		3010	0.00346125							09/08/2004	1918
LCS		M351	0.24885862		0.25		99.5	%	80-120	09/08/2004	1924
CCV		M0388	0.52744083		0.50		105.5	%	90-110	09/08/2004	1939
CCB			-0.0002837							09/08/2004	1951
MS	226560-1	M351	0.26898004		0.25	-0.0032572	108.9	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.26295760	0.26898004	0.25	-0.0032572	106.5	%	75-125	09/08/2004	2007
							2.3	R	20		
MS	226569-25	M351	0.24813486		0.25	0.00060857	99.0	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.24295896	0.24813486	0.25	0.00060857	96.9	%	75-125	09/08/2004	2025
							2.1	R	20		
MB		3050	0.00142048							09/08/2004	2030
CCV		M0388	0.52022625		0.50		104.0	%	90-110	09/08/2004	2037
CCB			0.00327751							09/08/2004	2046
LCS		M383D	1.09686012		0.953		115.1	%	11-189	09/08/2004	2053

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.24071780		0.25		96.3	%	11-189	09/08/2004	2058
MS	226547-9	M351	0.23836101		0.25	-0.0011946	95.8	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.23757682	0.23836101	0.25	-0.0011946	95.5	%	75-125	09/08/2004	2134
							0.3	R	20		
CCV		M0388	0.51477341		0.50		103.0	%	90-110	09/08/2004	2139
CCB			0.00109789							09/08/2004	2151
CCV		M0388	0.51860532		0.50		103.7	%	90-110	09/08/2004	2235
CCB			-0.0016684							09/08/2004	2246
MB		3050	-0.0005355							09/08/2004	2301
LCS		M383D	1.09118589		0.953		114.5	%	11-189	09/08/2004	2308
LCS		M351	0.24565192		0.25		98.3	%	11-189	09/08/2004	2313
MS	226569-27	M351	0.24216018		0.25	-0.0035118	98.3	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.24015095	0.24216018	0.25	-0.0035118	97.5	%	75-125	09/08/2004	2331
							0.8	R	20		
CCV		M0388	0.50964400		0.50		101.9	%	90-110	09/08/2004	2337
CCB			0.00162668							09/08/2004	2349
CCV		M0388	0.53488089		0.50		107.0	%	90-110	09/09/2004	0035
CCB			-0.0000388							09/09/2004	0047
CCV		M0388	0.51872773		0.50		103.7	%	90-110	09/09/2004	0132
CCB			0.00198934							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.03184402		2.00		101.6	%	90-110	09/08/2004	1656
ICV		M0368	1.00350612		1.00		100.4	%	90-110	09/08/2004	1705
ICV		M0380	1.04830483		1.00		104.8	%	90-110	09/08/2004	1713
ICB			0.00188753							09/08/2004	1727
ICB			0.00158610							09/08/2004	1740
ICV		M0393	0.50499823		0.500		101.0	%	90-110	09/08/2004	1743
CCV		M0388	1.05892840		1.00		105.9	%	90-110	09/08/2004	1748
CCB			0.01703929							09/08/2004	1800
CCV		M0388	1.03198252		1.00		103.2	%	90-110	09/08/2004	1841
CCB			0.00688770							09/08/2004	1853
MB		3010	0.00335711							09/08/2004	1918
LCS		M351	0.49646420		0.500		99.3	%	80-120	09/08/2004	1924
CCV		M0388	1.05925011		1.00		105.9	%	90-110	09/08/2004	1939
CCB			-0.0086361							09/08/2004	1944
MS	226560-1	M351	0.47267281		0.500	0.00947615	92.6	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.48302740	0.47267281	0.500	0.00947615	94.7	%	75-125	09/08/2004	2007
							2.2	R	20		
MS	226569-25	M351	0.48176190		0.500	-0.0040575	97.2	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.47015863	0.48176190	0.500	-0.0040575	94.8	%	75-125	09/08/2004	2025
							2.4	R	20		
MB		3050	-0.0003737							09/08/2004	2030
CCV		M0388	1.03970777		1.00		104.0	%	90-110	09/08/2004	2037
CCB			-0.0029191							09/08/2004	2046
LCS		M383D	1.92459958		1.85		104.0	%	56-144	09/08/2004	2053
LCS		M351	0.49716414		0.500		99.4	%	56-144	09/08/2004	2058

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226547-9	M351	0.46855811		0.500	0.02066615	89.6	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.48024172	0.46855811	0.500	0.02066615	91.9	%	75-125	09/08/2004	2134
							2.5	R	20		
CCV		M0388	1.01696373		1.00		101.7	%	90-110	09/08/2004	2139
CCB			-0.0042889							09/08/2004	2151
CCV		M0388	1.00466770		1.00		100.5	%	90-110	09/08/2004	2235
CCB			0.00554904							09/08/2004	2246
MB		3050	0.00010264							09/08/2004	2301
LCS		M383D	1.82364040		1.85		98.6	%	56-144	09/08/2004	2308
LCS		M351	0.48011602		0.500		96.0	%	56-144	09/08/2004	2313
MS	226569-27	M351	0.47235432		0.500	0.01941770	90.6	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.45026341	0.47235432	0.500	0.01941770	86.2	%	75-125	09/08/2004	2331
							4.8	R	20		
CCV		M0388	0.97993873		1.00		98.0	%	90-110	09/08/2004	2337
CCB			0.00217457							09/08/2004	2349
CCV		M0388	0.95872511		1.00		95.9	%	90-110	09/09/2004	0035
CCB			0.00552547							09/09/2004	0047
CCV		M0388	0.96337800		1.00		96.3	%	90-110	09/09/2004	0132
CCB			-0.0036190							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	2.01341388		2.00		100.7	%	90-110	10/07/2004	1225
ICV		M0368	1.01809361		1.00		101.8	%	90-110	10/07/2004	1234
ICV		M0380	1.00958625		1.00		101.0	%	90-110	10/07/2004	1243
ICB			0.00266069							10/07/2004	1309
ICV		M0393	0.50235318		0.500		100.5	%	90-110	10/07/2004	1312
CCV		M0388	1.02579341		1.00		102.6	%	90-110	10/07/2004	1318
CCB			-0.0020190							10/07/2004	1330
MB		3010	0.00025887							10/07/2004	1333
LCS		M351	0.51601307		0.500		103.2	%	80-120	10/07/2004	1340
MS	227015-5	M351	0.49685382		0.500	-0.0179573	103.0	%	75-125	10/07/2004	1356
MSD	227015-5	M351	0.49142044	0.49685382	0.500	-0.0179573	101.9	%	75-125	10/07/2004	1401
							1.1	R	20		
CCV		M0388	1.02176669		1.00		102.2	%	90-110	10/07/2004	1421
CCB			-0.0029047							10/07/2004	1433
CCV		M0388	1.01069387		1.00		101.1	%	90-110	10/07/2004	1512
CCB			-0.0014169							10/07/2004	1524
MB		3050	-0.0011164							10/07/2004	1549
LCS		M351	0.47241244		0.500		94.5	%	56-144	10/07/2004	1556
LCS		M383D	1.43574777		1.85		77.6	%	56-144	10/07/2004	1602
CCV		M0388	1.01767227		1.00		101.8	%	90-110	10/07/2004	1610
CCB			-0.0002575							10/07/2004	1622
MS	226522-4	M351	0.37072296		0.500	-0.0307448	80.3	%	75-125	10/07/2004	1637
MSD	226522-4	M351	0.40727889	0.37072296	0.500	-0.0307448	87.6	%	75-125	10/07/2004	1642
							9.4	R	20		
CCV		M0388	1.00960581		1.00		101.0	%	90-110	10/07/2004	1706
CCB			0.00255647							10/07/2004	1718

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 98974 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MB		3050	0.00016937							10/07/2004	1725
LCS		M351	0.44261836		0.500		88.5	%	56-144	10/07/2004	1732
LCS		M383D	1.95909054		1.85		105.9	%	56-144	10/07/2004	1740
MS	226569-20	M351	0.41519754		0.500	0.01225062	80.6	%	75-125	10/07/2004	1803
CCV		M0388	1.01221701		1.00		101.2	%	90-110	10/07/2004	1809
CCB			0.00081037							10/07/2004	1821
CCV		M0388	1.01025029		1.00		101.0	%	90-110	10/07/2004	1907
CCB			0.00175093							10/07/2004	1919
CCV		M0388	0.99205035		1.00		99.2	%	90-110	10/07/2004	1959
CCB			-0.0042005							10/07/2004	2011
CCV		M0388	1.00845461		1.00		100.8	%	90-110	10/07/2004	2049
CCB			-0.0012727							10/07/2004	2101
CCV		M0388	1.00585834		1.00		100.6	%	90-110	10/07/2004	2116
CCB			-0.0008557							10/07/2004	2128
MB		3010	-0.0052344							10/07/2004	2132
LCS		M351B	0.87623261		1.00		87.6	%	80-120	10/07/2004	2139
MS	227021-1	M351	0.56716561		0.500	-0.0266697	118.8	%	75-125	10/07/2004	2151
MSD	227021-1	M351E	0.22012076	0.56716561	0.250	-0.0266697	98.7	%	75-125	10/07/2004	2157
							16.9	R	20		
CCV		M0388	0.98614315		1.00		98.6	%	90-110	10/07/2004	2216
CCB			-0.0006278							10/07/2004	2228
CCV		M0388	0.96475460		1.00		96.5	%	90-110	10/07/2004	2310
CCB			-0.0009101							10/07/2004	2322

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SN
Parameter.....: Tin (Sn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0371	2.00786052		2.00		100.4	%	90-110	09/08/2004	1659
ICV		M0374	0.96768353		1.00		96.8	%	90-110	09/08/2004	1719
CCV		M0388	2.04710155		2.00		102.4	%	90-110	09/08/2004	1748
CCB			-0.0045502							09/08/2004	1800
CCV		M0388	2.00429068		2.00		100.2	%	90-110	09/08/2004	1841
CCB			-0.0079538							09/08/2004	1853
CCV		M0388	2.07641668		2.00		103.8	%	90-110	09/08/2004	1939
CCB			-0.0060411							09/08/2004	1951
MB		3050	-0.0018087							09/08/2004	2030
CCV		M0388	2.02882072		2.00		101.4	%	90-110	09/08/2004	2037
CCB			-0.0053134							09/08/2004	2046
LCS		M383D	1.43718156		1.41		101.9	%	11-189	09/08/2004	2053
LCS		M351	0.97349267		1.00		97.3	%	11-189	09/08/2004	2058
MS	226547-9	M351	0.85312139		1.00	-0.0325805	88.6	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.84744271	0.85312139	1.00	-0.0325805	88.0	%	75-125	09/08/2004	2134
							0.7	R	20		
CCV		M0388	2.01533071		2.00		100.8	%	90-110	09/08/2004	2139
CCB			-0.0034733							09/08/2004	2151
CCV		M0388	2.00279583		2.00		100.1	%	90-110	09/08/2004	2235
CCB			-0.0067653							09/08/2004	2246
MB		3050	-0.0079683							09/08/2004	2301
LCS		M383D	1.40762215		1.41		99.8	%	11-189	09/08/2004	2308

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: SN
Parameter.....: Tin (Sn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
LCS		M351	0.97589398		1.00		97.6	%	11-189	09/08/2004	2313
MS	226569-27	M351	0.86064471		1.00	-0.0289803	89.0	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.82388832	0.86064471	1.00	-0.0289803	85.3	%	75-125	09/08/2004	2331
							4.4	R	20		
CCV		M0388	1.96178554		2.00		98.1	%	90-110	09/08/2004	2337
CCB			-0.0058775							09/08/2004	2349
CCV		M0388	1.93417747		2.00		96.7	%	90-110	09/09/2004	0035
CCB			-0.0079997							09/09/2004	0047
CCV		M0388	1.95323430		2.00		97.7	%	90-110	09/09/2004	0132
CCB			-0.0047604							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99657944		2.00		99.8	%	90-110	09/08/2004	1656
ICV		M0368	0.99339859		1.00		99.3	%	90-110	09/08/2004	1705
ICV		M0380	1.03279390		1.00		103.3	%	90-110	09/08/2004	1713
ICB			-0.0003434							09/08/2004	1727
ICB			-0.0000826							09/08/2004	1740
ICV		M0393	0.50777073		0.500		101.6	%	90-110	09/08/2004	1743
CCV		M0388	1.02278865		1.00		102.3	%	90-110	09/08/2004	1748
CCB			-0.0009137							09/08/2004	1800
CCV		M0388	0.99682453		1.00		99.7	%	90-110	09/08/2004	1841
CCB			-0.0018287							09/08/2004	1853
MB		3010	-0.0012697							09/08/2004	1918
LCS		M351	0.49178565		0.500		98.4	%	80-120	09/08/2004	1924
CCV		M0388	1.04007895		1.00		104.0	%	90-110	09/08/2004	1939
CCB			-0.0039272							09/08/2004	1951
MS	226560-1	M351	0.49291846		0.500	-0.0102871	100.6	%	75-125	09/08/2004	2001
MSD	226560-1	M351	0.48101020	0.49291846	0.500	-0.0102871	98.3	%	75-125	09/08/2004	2007
							2.4	R	20		
MS	226569-25	M351	0.48818938		0.500	-0.0031230	98.3	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.47223564	0.48818938	0.500	-0.0031230	95.1	%	75-125	09/08/2004	2025
							3.3	R	20		
MB		3050	-0.0009300							09/08/2004	2030
CCV		M0388	1.01415562		1.00		101.4	%	90-110	09/08/2004	2037
CCB			-0.0031269							09/08/2004	2046
LCS		M383D	1.87137424		2.04		91.7	%	65-135	09/08/2004	2053
LCS		M351	0.47628437		0.500		95.3	%	65-135	09/08/2004	2058
MS	226547-9	M351	0.60679333		0.500	0.13830141	93.7	%	75-125	09/08/2004	2129
MSD	226547-9	M351	0.61020529	0.60679333	0.500	0.13830141	94.4	%	75-125	09/08/2004	2134
							0.6	R	20		
CCV		M0388	1.00464457		1.00		100.5	%	90-110	09/08/2004	2139
CCB			-0.0003519							09/08/2004	2151
CCV		M0388	1.01049884		1.00		101.0	%	90-110	09/08/2004	2235
CCB			-0.0041553							09/08/2004	2246
MB		3050	0.00004729							09/08/2004	2301
LCS		M383D	1.88658969		2.04		92.5	%	65-135	09/08/2004	2308
LCS		M351	0.47931981		0.500		95.9	%	65-135	09/08/2004	2313

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
MS	226569-27	M351	0.67690708		0.500	0.18547733	98.3	%	75-125	09/08/2004	2326
MSD	226569-27	M351	0.63740166	0.67690708	0.500	0.18547733	90.4	%	75-125	09/08/2004	2331
							6.0	R	20		
CCV		M0388	0.98933545		1.00		98.9	%	90-110	09/08/2004	2337
CCB			-0.0026375							09/08/2004	2349
CCV		M0388	1.01518204		1.00		101.5	%	90-110	09/09/2004	0035
CCB			-0.0011958							09/09/2004	0047
CCV		M0388	1.00062167		1.00		100.1	%	90-110	09/09/2004	0132
CCB			0.00018006							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0387	1.99246412		2.00		99.6	%	90-110	09/08/2004	1656
ICV		M0368	0.99775599		1.00		99.8	%	90-110	09/08/2004	1705
ICV		M0380	1.04727444		1.00		104.7	%	90-110	09/08/2004	1713
ICB			-0.0036865							09/08/2004	1727
ICB			-0.0046484							09/08/2004	1740
ICV		M0393	0.51150650		0.500		102.3	%	90-110	09/08/2004	1743
CCV		M0388	1.03422273		1.00		103.4	%	90-110	09/08/2004	1748
CCB			-0.0037240							09/08/2004	1800
CCV		M0388	0.99804749		1.00		99.8	%	90-110	09/08/2004	1841
CCB			-0.0040962							09/08/2004	1853
MB		3010	-0.0023434							09/08/2004	1918
LCS		M351	0.51383933		0.500		102.8	%	80-120	09/08/2004	1924
CCV		M0388	1.04983551		1.00		105.0	%	90-110	09/08/2004	1939
CCB			-0.0035048							09/08/2004	1951
MS	226560-1	M351	4.84739049		0.500	4.29001443	111.5	%	75-125	09/08/2004	2001
MSD	226560-1	M351	4.75091143	4.84739049	0.500	4.29001443	92.2	%	75-125	09/08/2004	2007
							2.0	R	20		
MS	226569-25	M351	0.48549651		0.500	-0.0021366	97.5	%	75-125	09/08/2004	2019
MSD	226569-25	M351	0.47058944	0.48549651	0.500	-0.0021366	94.5	%	75-125	09/08/2004	2025
							3.1	R	20		
MB		3050	-0.0048430							09/08/2004	2030
CCV		M0388	1.02472984		1.00		102.5	%	90-110	09/08/2004	2037
CCB			-0.0044983							09/08/2004	2046
LCS		M383D	3.11189812		3.29		94.6	%	69-131	09/08/2004	2053
LCS		M351	0.48657884		0.500		97.3	%	69-131	09/08/2004	2058
MS	226547-9	M351	1.07518943		0.500	0.49288119	116.5	%	75-125	09/08/2004	2129
MSD	226547-9	M351	1.08734437	1.07518943	0.500	0.49288119	118.9	%	75-125	09/08/2004	2134
							1.1	R	20		
CCV		M0388	1.02807023		1.00		102.8	%	90-110	09/08/2004	2139
CCB			0.00049806							09/08/2004	2151
LCS		M383D	3.05275341		3.29		92.8	%	69-131	09/08/2004	2308
LCS		M351	0.49338324		0.500		98.7	%	69-131	09/08/2004	2313
CCV		M0388	1.00899380		1.00		100.9	%	90-110	09/08/2004	2337
CCB			0.00693761							09/08/2004	2349
CCV		M0388	1.09520320		1.00		109.5	%	90-110	09/09/2004	0035
CCB			0.02679400							09/09/2004	0047

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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SEVERN TRENT STL

QUALITY CONTROL RESULTS

Job Number.: 226582 Report Date.: 10/20/2004

CUSTOMER: Encycle Texas, Inc. PROJECT: ENCYCLE RCRA CLOSURE ATTN: Richard Marcus

Test Method.....: SW-846 6010B Batch.....: 97936 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
CCV		M0388	1.03493473		1.00		103.5	%	90-110	09/09/2004	0132
CCB			0.00571041							09/09/2004	0141

Test Method.....: SW-846 6010B Batch.....: 99033 Analyst...: jem
Method Description.: Metals Analysis (ICAP) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	Date	Time
RS		M0386	10.3193		10.0		103.2	%	90-110	10/08/2004	1123
ICV		M0368	1.0970		1.00		109.7	%	90-110	10/08/2004	1130
ICB			-0.0066							10/08/2004	1158
CCV		M0389	5.2797		5.00		105.6	%	90-110	10/08/2004	1209
CCB			-0.0055							10/08/2004	1216
MB		3010	0.0088							10/08/2004	1231
LCS		M351B	0.9417		1.00		94.2	%	80-120	10/08/2004	1242
PDS	227021-1	M351D	3.0729		2.00	0.0010	122.2	%	75-125	10/08/2004	1438
PSD	227021-1	M351D	3.0532	3.0729	2.00	0.0010	121.2	%	75-125	10/08/2004	1440
							0.6	R	20		
CCV		M0389	5.1721		5.00		103.4	%	90-110	10/08/2004	1444
CCB			0.0031							10/08/2004	1449
CCB			0.0010							10/08/2004	1545
MB		3050	0.0106							10/08/2004	1605
LCS		M351F	0.8426		0.86		98.0	%	69-131	10/08/2004	1607
LCS		M383D	2.8966		3.29		88.0	%	69-131	10/08/2004	1609
PDS	226788-27	M351D	2.7028		2.00	0.8896	90.7	%	75-125	10/08/2004	1618
PSD	226788-27	M351D	2.7184	2.7028	2.00	0.8896	91.4	%	75-125	10/08/2004	1621
							0.6	R	20		
CCV		M0389	5.4052		5.00		108.1	%	90-110	10/08/2004	1624
CCB			0.0000							10/08/2004	1627
MB		3050	0.0063							10/08/2004	1643
LCS		M351	0.4897		0.500		97.9	%	69-131	10/08/2004	1645
LCS		M383D	2.7155		3.29		82.5	%	69-131	10/08/2004	1648
CCV		M0389	5.3508		5.00		107.0	%	90-110	10/08/2004	1821
CCB			0.0237							10/08/2004	1826
MB		3050	-0.0103							10/08/2004	1852
LCS		M351	0.4470		0.500		89.4	%	69-131	10/08/2004	1857
LCS		M383D	3.2700		3.29		99.4	%	69-131	10/08/2004	1901
PDS	226582-2	M351D	1.9735		2.00	0.0648	95.4	%	75-125	10/08/2004	1918
PSD	226582-2	M351D	1.9920	1.9735	2.00	0.0648	96.4	%	75-125	10/08/2004	1920
							0.9	R	20		
CCV		M0389	5.2863		5.00		105.7	%	90-110	10/08/2004	1922
CCB			-0.0070							10/08/2004	1926

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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Original

Subcontract Laboratory

Report

SEVERN TRENT STL

Certificate of Analysis

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ANALYTICAL REPORT

Encycle/Asarco

Lot #: I4I090211

Olga McDonald

STL Corpus Christi
1733 North Padre Island Drive
Corpus Christi, TX 78408

SEVERN TRENT LABORATORIES, INC.

Neal J. Salcher
Project Manager

September 17, 2004

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

EXECUTIVE SUMMARY - Detection Highlights

I4I090211

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

ANALYTICAL METHODS SUMMARY

I4I090211

PARAMETER	ANALYTICAL METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I4I090211

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GPWAR	001	226582-1	09/07/04	
GPWA5	002	226582-3	09/07/04	
GPWA7	003	226582-5	09/07/04	
GPWA9	004	226582-7	09/07/04	
GPWCD	005	226582-9	09/07/04	
GPWCE	006	226582-11	09/07/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I4I090211

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 6010B		4254273	4254154
002	SOLID	SW846 6010B		4254273	4254154
003	SOLID	SW846 6010B		4254273	4254154
004	SOLID	SW846 6010B		4254273	4254154
005	SOLID	SW846 6010B		4254273	4254154
006	SOLID	SW846 6010B		4254273	4254154

STL CORPUS CHRISTI

Client Sample ID: 226582-1

TOTAL Metals

Lot-Sample #...: I4I090211-001 Matrix.....: SOLID
Date Sampled...: 09/07/04 Date Received..: 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	ND	3.6	mg/kg	SW846 6010B	09/10-09/15/04	GPWAR1AA
		Dilution Factor: 0.71		Analysis Time..: 12:13	MS Run #.....: 4254154	

STL CORPUS CHRISTI

Client Sample ID: 226582-3

TOTAL Metals

Lot-Sample #...: I4I090211-002 **Matrix.....:** SOLID
Date Sampled...: 09/07/04 **Date Received..:** 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	ND	4.4	mg/kg	SW846 6010B	09/10-09/15/04	GPWA51AA
		Dilution Factor: 0.89		Analysis Time..: 12:28	MS Run #.....: 4254154	

STL CORPUS CHRISTI

Client Sample ID: 226582-5

TOTAL Metals

Lot-Sample #...: I4I090211-003 **Matrix.....:** SOLID
Date Sampled...: 09/07/04 **Date Received..:** 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	ND	3.8	mg/kg	SW846 6010B	09/10-09/15/04	GPWA71AA
		Dilution Factor: 0.75		Analysis Time..: 12:33	MS Run #.....: 4254154	

STL CORPUS CHRISTI

Client Sample ID: 226582-7

TOTAL Metals

Lot-Sample #...: I4I090211-004 **Matrix.....:** SOLID
Date Sampled...: 09/07/04 **Date Received..:** 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	ND	4.0	mg/kg	SW846 6010B	09/10-09/15/04	GPWA91AA
		Dilution Factor: 0.81		Analysis Time..: 12:38	MS Run #.....: 4254154	

STL CORPUS CHRISTI

Client Sample ID: 226582-9

TOTAL Metals

Lot-Sample #...: I4I090211-005 **Matrix.....:** SOLID
Date Sampled...: 09/07/04 **Date Received..:** 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	-ND	4.3	mg/kg	SW846 6010B	09/10-09/15/04	GPWCD1AA
		Dilution Factor: 0.86		Analysis Time..: 12:43	MS Run #.....: 4254154	

STL CORPUS CHRISTI

Client Sample ID: 226582-11

TOTAL Metals

Lot-Sample #...: I4I090211-006 **Matrix.....:** SOLID
Date Sampled...: 09/07/04 **Date Received..:** 09/09/04
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4254273						
Bismuth	ND	4.4	mg/kg	SW846 6010B	09/10-09/15/04	GPWCE1AA
		Dilution Factor: 0.88		Analysis Time..: 12:48	MS Run #.....: 4254154	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I4I090211 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I4I100000-273 **Prep Batch #...:** 4254273						
Bismuth	ND	5.0	mg/kg	SW846 6010B	09/10-09/15/04	GP0X11AX
		Dilution Factor: 1				
		Analysis Time..: 11:27				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4I090211 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4I100000-273 **Prep Batch #...:** 4254273					
Bismuth	88 N	(0.0- 0.0)	SW846 6010B	09/10-09/15/04	GP0X11A6
		Dilution Factor: 1		Analysis Time..: 11:32	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4I090211 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I4I100000-273 **Prep Batch #...:** 4254273							
Bismuth	50.0	44.2 N	mg/kg	88	SW846 6010B	09/10-09/15/04	GP0X11A6
		Dilution Factor: 1		Analysis Time..: 11:32			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I4I090211 **Matrix.....:** SOLID
Date Sampled...: 09/01/04 09:50 **Date Received..:** 09/02/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4I020159-005 **Prep Batch #...:** 4254273						**% Moisture.....:** 19	
Bismuth	87 N	(0.0 - 0.0			SW846 6010B	09/10-09/15/04	GPGC51C5
—	85 N,*	(0.0 - 0.0	11	(0-0.0)	SW846 6010B	09/10-09/15/04	GPGC51C6
		Dilution Factor: 0.96					
		Analysis Time..: 13:39					
		MS Run #.....: 4254154					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: I4I090211 **Matrix.....:** SOLID
Date Sampled...: 09/01/04 09:50 **Date Received..:** 09/02/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I4I020159-005 **Prep Batch #...:** 4254273									
								% Moisture.....: 19	
Bismuth									
—	ND	48.1	42.6 N	mg/kg	87		SW846 6010B	09/10-09/15/04	GPGC51C5
	ND	44.2	38.3	mg/kg	85	11	SW846 6010B	09/10-09/15/04	GPGC51C6

Qualifiers: N,*
Dilution Factor: 0.96
Analysis Time..: 13:39
MS Run #.....: 4254154

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

Report Attachment

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SQL (sample quantitation limit).

SEVERN TRENT STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I4I090211

RECEIVED BY: BJ

COC NUMBER:

DATE/TIME RECEIVED: 9/9/04 0815

QUOTE/PROFILE: 56827

UNPACKED DATE/TIME: 9/9/04 0845

CLIENT/PROJECT: STL - CC

SAMPLES LOGGED IN: LOG-IN REVIEWED:

Number of Shipping Containers Received with Chain of Custody 1 BJ cc

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: BJ

Container Sealed: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO Containers checked for radioactivity: ☐ YES ☐ NO ☑ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle) Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: BJ **IR THERMOMETER #:** P-5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°; (NC, WI: 1-4.4°C)]*

TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
(SC) 3.6	SC	SC	SC	SC	SC	SC	SC	SC	SC

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES **VERIFIED BY:** BJ

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

4.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** BJ

Samples received match COC: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
See additional discrepancies/comments section: ☐ YES ☑ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Received 60mL jar per Id.

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: Neel Sakhe Date: 9/20/04

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

SEVERN TRENT **STL**

I4I040011

No. 26606

CHAIN OF CUSTODY RECORD

TO Austin

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: STL - CC	PROJECT NAME/NUMBER:
SEND REPORT TO: [illegible]	**BILLING INFORMATION**
ADDRESS: 1733 NPID	BILL TO:
Corpus Christi, TX	ADDRESS: SAME
PHONE: 361-289-2673	PHONE:
FAX: 361-289-2471	FAX: PO NO:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST (Bi Tolu)								REMARKS/PRECAUTIONS
	226602 - 1	9/9/04		Soil	WM 2	None	1	✓								3° 9/9/04 [illegible]
	- 3						1	✓								[illegible]
	- 5						1	✓								
	- 7						1	✓								
	- 9						1	✓								
	- 11						1	✓								

SAMPLER: SHIPMENT METHOD: FED EX AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: [signature]	9/8/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1579	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: Bill Denli	9/9/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY:	TIME 0415	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

End of

Subcontract Laboratory

Report(s)

SEVERN TRENT STL

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/20/2004

(1) EPA 600/4-79-020, Methods for Chemical Analysis of Water and Wastes, March 1983
(2) EPA SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III
(3) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992
(4) Methods of Organic Chemical Analysis of Municipal and Industrial Wastewater, Federal Register, Vol. 49, No. 209, October 1984 and 40 CFR Part 136 amendments
(5) EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils
(6) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965
(7) ASTM, Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991
(8) American Society for Testing and Materials, Petroleum Products, Lubricants, and Fossil Fuels, Section 5, Volumes 05.01 - 05.05
(9) Hach Handbook of Water Analysis, 1979

Comments:

The test results in this report meet all NELAP requirements for parameters for which accreditation is held. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

Data in the QC report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" may not be the actual time of analysis. The "Date Analyzed" is the actual date of analysis. Sludge samples are reported on a wet weight basis (i.e., not corrected for percent moisture) unless otherwise indicated.

Quality Control acceptance criteria are based either on limits specified in the referenced method or on actual laboratory performance.

All data is reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

SAMPLE RESULT IDENTIFICATION

ND	= Not detected at a value greater than the reporting limit
TNTC	= Too numerous to count

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post Digestion/Distillation Spike
SB	Spiked Blank
SBD	Spiked Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
RS	Reference Standard
ICV	Initial Calibration Verification Standard

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QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/20/2004

CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
DSC	Distilled Standard Check

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
DD	Digestion Duplicate
PDD	Post Digestion Duplicate
PSD	Post Digestion/Distillation Spike Duplicate

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "technician" using the following codes:

SUBCONTRACT LABORATORIES

Severn Trent Laboratories:

Los Angeles, CA	*la	Houston, TX	*he
Aurora, CO	*au	North Canton, OH	*nc
Tampa, FL	*ta	Valparaiso, IN	*vp
Sacramento, CA	*sa	Chicago, IL	*ch
Pensacola, FL	*pe	Tallahassee, FL	*tl

Other:

Client provided data	*cp	Non-STL Subcontract Lab	*xx

EXPLANATION OF DATA FLAGS

B - This flag is used to indicate that an analyte is present in the method blank as well as in the sample. It indicates that the client should consider this when evaluating the results.
D - This flag indicates that surrogates were diluted out of calibration range and cannot be quantified.
E - Indicates that a sample result is an estimate because the concentration exceeded the calibration range of the instrument.
I - Used to indicate matrix interference.
X - Indicates that a surrogate recovery is outside the specified quality control limits.
Y - Used to identify a spike or spike duplicate recovery is outside the specified quality control limits.
* - Indicates a relative percent difference for a duplicate analysis is outside the specified quality control limits.
^ - Used to indicate that a standard is outside specified quality control limits.

EXPLANATION OF DATA QUALIFIERS

B - Indicates that a value for an inorganic analysis is an estimate. It is used when a compound is determined to be present but at a concentration less than the quantitation limit of the method.
J - Indicates that a value for an organic analysis is an estimate. It is used when a compound is determined to be present based on chromatographic pattern or mass spectral data, but at a concentration less than the quantitation limit of the method. This flag is also used when estimating the concentration of a tentatively identified compound.
U - Indicates that a value is less than the MDL or was not detected.

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SEVERN TRENT **STL**

No. 24119

CHAIN OF CUSTODY RECORD

6.0°C

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / ENCYCLE	PROJECT NAME/NUMBER: ENCYCLE RIRA CLOSURE
SEND REPORT TO: MEN BRAGNER / RICH MARCUS	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA CC TX 78475	BILL TO: Rich Marcus
	ADDRESS:
PHONE: 883 1353	PHONE:
FAX: 883 7565	FAX: PO NO:

LAB JOB NO. 226582

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: TOTAL Pb, Bi, Ba, Ca, Cr, Co, Cu, Pb, Mg, Ni, Se, Sr, V, Zn, Cyanide	REMARKS/PRECAUTIONS
	FAL 2 CRACK 12 0-0.5'	9-7-04	1005	S	8 oz glass	—	1	X	ANALYZE 0-0.5'
	FAL 2 CRACK 12 2-2.5'		1015				1	HOLD	HOLD 2-2.5'
	FAL 2 CRACK 11 0-0.5'		1025				1	X	ANALYZE 0-0.5'
	FAL 2 CRACK 11 2-2.5'		1035				1	HOLD	HOLD 2-2.5'
	FAL 2 CRACK 13 0-0.5'		1045				1	X	ANALYZE 0-0.5'
	FAL 2 CRACK 13 2-2.5'		1055				1	HOLD	HOLD 2-2.5'
	FAL 2 CRACK 15 0-0.5'		1330				1	X	ANALYZE 0-0.5'
	FAL 2 CRACK 15 2-2.5'		1340				1	HOLD	HOLD 2-2.5'
	FAL 2 CRACK 14 0-0.5'		1355				1	X	ANALYZE 0-0.5'
	FAL 2 CRACK 14 2-2.5'		1405				1	HOLD	HOLD 2-2.5'

SAMPLER: J. Clements / O. Gonzalez

SHIPMENT METHOD: IN Person

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☒ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	9-7-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: JACOB CLEMENTS / ARCADIS	TIME 1605	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	9/7/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL-CC	TIME 1605	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

STL8222-560 (12/02)

SEVERN TRENT **STL**

No. 24122

CHAIN OF CUSTODY RECORD

6.0 °C

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: ARCADIS / ENCYCLE	PROJECT NAME/NUMBER: ENCYCLE/TEXAS CLOSURE
SEND REPORT TO: NAV BRENNER / RICH MARCUS	**BILLING INFORMATION**
ADDRESS: 711 N. CARANCAHUA CC TX 78475	BILL TO: RICH MARCUS
	ADDRESS:
PHONE: 883 1353	PHONE:
FAX: 883 7565	FAX: PO NO:

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: TPH As Ba Be Cd Cr Co Cu Pb Mg Ni Se Ag Tl V Zn Sb Hg Al Aluminum & Cyanide	REMARKS/PRECAUTIONS
	FACILITY 2 GRAB ID 0-0.5'	9-7-04	1420	S	8oz glass	—	1	X	ANALYZE 0-0.5'
	FAC 2 GRAB ID 2-2.5'	↓	1430	↓	↓	↓	1	HOLD	HOLD 2-2.5'

LAB JOB NO.

SAMPLER: J VERMEER / O. GONZALEZ

SHIPMENT METHOD: IN PERSON

AIRBILL NO.: —

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☑ ROUTINE ☐ OTHER _____

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	9-7-04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: JACOBS/ARCADIS	TIME 1605	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE:	9/7/04	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 1605	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES, INC.
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone: (361) 289-2673 / Fax: (361) 289-2471

APPENDIX K

Appendix K

Soil Sample Analytical Results Summary Table – RFI Soil Borings around the Perimeter of Facility No. 2

Table 21. Facility No. 2 Soil Boring Analytical Results Summary - (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

Boring ID	Date Sampled	Sample Depth (ft)	u/s	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
B-85	06/22/00	0-0.5	(u)	3	13	232	<4	62	15	7	74	0.22	178	584	0.13	15	<0.8	1	<1	6	19	3925
	Duplicate 23	0-0.5	(u)	7	36	430	<4	185	35	13	237	<0.04	375	1170	0.14	40	1	4	1	11	22	10940
		2-2.5	(u)	1	<5	---	---	2	11	5	9	<0.04	23	327	<0.05[a]	10	<0.8	<0.5	---	<5	---	149
(Facility #2)		5.5	(u)	1	---	---	---	---	---	---	---	---	---	---	<0.05[a]	---	---	---	---	---	---	2480
	Duplicate 51	5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	<0.05[a]	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	745
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1040
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31
		17.5-18	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24
B-86	06/28/00	0-0.5	(u)	1	6	222	<4	10	11	10	27	<0.04	27	276	0.051	8	<0.8	<0.5	2	<5	21	658
(Facility #2)		2-2.5	(u)	2	---	---	---	---	---	7	---	---	---	---	---	---	---	---	<1	---	---	132
		5.5	(u)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49
		8.5	(u)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42
		11.5	(u)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51
		14.5	(u)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30
		16-16.5	(s)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24
B-87	06/22/00	0-0.5	(u)	2	<5	84	<4	345	19	13	17	0.17	22	1210	<0.05	12	<0.8	2	<1	<5	12	30480
(Facility #2)		2-2.5	(u)	1	---	---	---	39	12	6	---	---	---	805	---	---	---	1	---	---	---	3500
		5.5	(u)	<0.8	---	---	---	1	---	---	---	---	---	312	---	---	---	<0.5	---	---	---	134
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27
		16-16.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29
B-88	06/28/00	0-0.5	(u)	<0.8	10	488	<4	1255	102	31	178	<0.04	30	357	<0.05	51	<0.8	<0.5	<1	<5	13	2440
	Duplicate 34	0-0.5	(u)	<0.8	10	221	<4	2440	59	43	188	0.15	26	529	<0.05	36	<0.8	<0.5	<1	<5	12	5292
		2-2.5	(u)	---	---	---	---	12	17	8	20	---	---	502	---	12.8	---	---	---	---	---	93
(Facility #2)		5.5	(u)	---	---	---	---	10	13	---	13	---	---	346	---	---	---	---	---	---	---	74
		8.5	(u)	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---	---	---	---	183
		11.5	(u)	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	52
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	75
		17-17.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28

Table 21. Facility No. 2 Soil Boring Analytical Results Summary - (mg/kg), Encycle/Texas, Inc., Corpus Christi, Texas

Boring ID	Date Sampled	Sample Depth (ft)	u/s	Antimony	Arsenic	Barium	Bismuth	Cadmium	Chromium	Cobalt	Copper	Cyanide	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
Soil Background Concentrations																						
		0-0.5':			16.65		4.9	11.70		9.72	40.33	0.24	109.16	333.73	0.09	25.80	0.89			7.65		b
		2-2.5':			8.01			4.47			17.20		54.36	360.83		27.21						
		unsaturated below 2.5':	(u)		21.86			4.97			16.15		38.96	592.50		29.74						
		saturated soil sample:	(s)		9.8			3.64			18.26		30.92	686.68		25.86						
		clay/silt strata:		0.77		720			14.9									0.54	1.02		35.6	
		clean sand strata (SP/SW):		0.80		202			35.9									0.50	1.0		15.7	
TNRCC RRS2 MSCs[c]																						
		SAI-Ind (mg/kg):		490	200	58000		1500	350000	110000	74000	37000	1000	110000	9.6	12000	9200	2800	150	610000	2900	410000
		Adjusted GWP-Ind (mg/kg):		60	100	20000		50	1000	61000	13000	2000	150	140000	20	20000	500	5100	20	610000	7200	310000
		Adjusted GW (mg/L):		0.6	1	200		0.5	10	610	130	20	1.5	1400	0.2	200	5[l]	51	0.2	6100	72	3100

mg/kg Milligrams per kilogram
mg/L Milligrams per liter
--- Not analyzed
(u) Unsaturated soil sample.
(s) Saturated soil sample.
(dup) Duplicate soil sample.
(SPLP) Synthetic Precipitation Leaching Procedure. Units in mg/L - analytical results shown in *italics.*
MSCs Medium specific concentrations
SAI-Ind Soil/Air and Ingestion Standard for Industrial Use (Applies to upper 2 feet of soil at commercial/industrial sites - 30 TAC Chapter 335.559(g))
Adjusted GWP-Ind Adjusted Soil-to-Groundwater Protection Standard for Industrial Use (adjusted for saline groundwater)
Adjusted GW Adjusted RRS2 MSC for groundwater (adjusted for saline groundwater - 30 TAC Chapter 335.559(d)(3)))
* Surface soil sample adjacent to previously constructed background soil boring.
a Sample re-collected and re-analyzed within EPA-specified holding time. Initially collected sample not analyzed within EPA-specified holding time.
b April 28, 1997 TNRCC letter stated zinc would not be a good release indicator for a unit at the site. Therefore, zinc background level not given.
c 30 TAC Chapter 335, Subchapter S.
Notes: 1) Numbers in **bold** exceed TNRCC-approved background concentrations established for the site.
2) Numbers **boxed** exceed both background and the RRS2 SAI-Ind and/or RRS2 adjusted GWP-Ind.

APPENDIX L

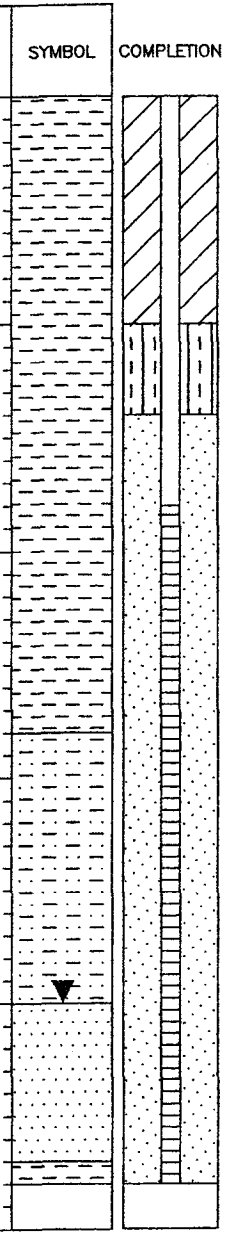
ARCADIS

Appendix L

Monitor Well MW-14 Completion Diagram

WELL LOG

DEPTH	SAMPLE DESCRIPTION
	0–2' Moderate dark brown, silty clay (CL).
5	2–8' Very pale light gray/tan, silty clay (CL).
10	8–14' Very pale grayish orange/tan, silty clay (CL).
15	14–20' Very pale grayish orange/tan, silt (ML).
20	20–23.5' Very pale grayish orange/tan, sand (SP), very fine grained, saturated.
	23.5–24' Very pale olive clay (CL).
	Total depth = 24 feet.



MW–14
WELL

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

NOVEMBER 26, 2001
DATE

HOLLOW–STEM AUGER
DRILLING METHOD

2" PVC 0–9'
CASING

2" PVC; SLOTTED 9–24'
SCREEN

0–5'
CEMENT

5–7'
BENTONITE

7–24'
SAND PACK

---/27.14'
GROUND ELEV./TOP OF CASING ELEV.

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')
HC LEVEL
WATER LEVEL
SAND
SILT
CLAY
FILL/CONCRETE
BENTONITE
GRAVEL

ARCADIS