ENCYCLE/TEXAS, INC.

PHASE II RCRA FACILITY INVESTIGATION REPORT

5500 UP RIVER ROAD
CORPUS CHRISTI, TEXAS

MAY 9, 2003

ARCADIS

Infrastructure, buildings, environment, communications

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Phase II RCRA Facility
Investigation Report

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1.0 Introduction

This report presents the results of a Phase II RCRA Facility Investigation (RFI) conducted at the Encycle/Texas, Inc. (Encycle) facility in Corpus Christi, Texas, during February 2003. The Phase II RFI was conducted in response to a December 12, 2002 letter from the TCEQ regarding the previous (Phase I) RFI. The Phase I RFI was conducted at the site between 2000 and 2002, and the Phase I RFI results were provided to the TCEQ in the August 13, 2002 report entitled "RCRA Facility Investigation Report". The purpose of the Phase II RFI was to further delineate the horizontal and vertical extent of constituents of concern (COCs) in soils associated with several solid waste management units (SWMUs) and Areas of Concern (AOCs) at the facility.

The scope of the Phase II RFI involved soil sample collection and analysis from 20 soil borings (soil borings B-188a, B-206 through B-224). The soil borings were advanced radially outward from four SWMUs/AOCs (Waste Pile, Boneyard, East and West Lagoons, 01 Landfill).

The findings of the Phase II RFI are detailed below.

2.0 Background

The RFI at the Encycle facility is being conducted as specified in Part VII.B. 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. The RFI Work Plan was submitted to the TCEQ on January 31, 2000, and approved by the TCEQ on May 2, 2000. The Phase I RFI was conducted at the site between 2000 and 2002, and included investigation of twenty-one SWMUs/AOCs.

The Phase I RFI data showed that COC concentrations in soils were generally highest at the surface (0-0.5'), and at least one COC in surface soils at each SWMU/AOC exceeded background levels. COC concentrations in soil generally decreased with depth and with distance away from each SWMU/AOC. COC concentrations in groundwater were generally low to non-detectable, and none of the constituent concentrations in groundwater exceeded the Risk Reduction Standard No. 2 (RRS2) groundwater protection standards adjusted for saline groundwater. The results of the Phase I RFI were provided to the TCEQ in the August 13, 2002 report entitled "RCRA Facility Investigation Report".

In response to the Phase I RFI, the TCEQ issued a letter on December 12, 2002 requesting a Phase II RFI. A copy of the TCEQ December 12, 2002 letter is provided in Appendix A. The TCEQ requested additional delineation (either surface or mainly the vertical extent) in borings B-9, B-10, B-11, B-12, B-30, B-64, B-82, B-123, B-133, B-140, B-143, B-147, B-150, B-153, B-154, B-161, B-166, B-167, and B-188.

As discussed during a January 21, 2003 teleconference with Brad Wilkinson of the TCEQ, Richard Marcus of Encycle, and Kenneth Brandner of ARCADIS, delineation of the horizontal and vertical extent of COCs in soil at soil boring B-64, located adjacent to Feed Tank 1, and soil boring B-82, located adjacent to Feed Tank 2, was completed during the Phase I RFI. Soil samples were collected from the surface to the top of the saturated zone, and monitor wells (MW-16 and MW-20) were installed adjacent to these borings during the Phase I RFI. Therefore, no additional soil borings were advanced in these two areas during the Phase II RFI. Also, as discussed during the January 21, 2003 teleconference, soil samples from soil boring B-133, located on Grain Elevator property near the Corpus Christi Ship Channel, showed low concentrations of several metals that exceeded background concentrations. However, soil samples from step-out soil borings located closer to the Encycle facility (soil borings B-198 and B-201) showed that COC concentrations at those locations did not exceed background concentrations. Therefore, based on the soil boring B-198 and B-201 analytical data, the low concentrations of COCs in soil at soil boring B-133 are not associated with releases from the SWMUs/AOCs at the Encycle facility, and no additional soil borings were advanced in this area during the Phase II RFI.

The soil borings identified in the TCEQ December 12, 2002 letter that are located near the southern edge of the 01 Landfill (B-30, B-150) were advanced to the top of the saturated zone during the Phase I RFI. Groundwater sample collection from the 01 Landfill monitor wells (MW-2 through MW-5) also was conducted during the Phase I RFI. Therefore, as discussed during the January 21, 2003 teleconference, delineation of the vertical extent of COCs in the area of soil borings B-30 and B-150 was completed during the Phase I RFI. Additional soil borings were advanced north of the 01 Landfill during the Phase II RFI as detailed below in Section 3.5.

3.0 Phase II RFI Methodology

3.1 General

Twenty soil borings (soil borings B-188a, B-206 through B-224) were installed during the Phase II RFI. Soil boring locations are shown on Figure 1.

Soil boring B-188a was installed in the Boneyard area adjacent to soil boring B-188 to delineate the vertical extent of COCs at this location. Soil borings B-206 through B-208 were installed radially outward from the Waste Pile to delineate the horizontal and vertical extent of COCs south of the Waste Pile. Soil borings B-209 through B-216 were installed in the northwest portion of the site to determine the source and to delineate the horizontal and vertical extent of COCs identified in this area during the Phase I RFI. Soil borings B-217 through B-224 were installed north of the 01 Landfill to further delineate the horizontal and vertical extent of COCs north of the 01 Landfill.

The Phase II soil borings were installed and soil samples were collected in accordance with the procedures specified in the approved RFI Work Plan. The soil borings were advanced using a "push-probe" drilling rig or a stainless steel hand auger in areas not accessible to the "push-probe" drilling rig. Prior to each boring, the drilling and sampling equipment were cleaned using either a steam-cleaner or a non-phosphate detergent wash, water rinse, and distilled water final rinse. Soil samples were placed directly into wide mouth glass jars with Teflon-lined lids. The sample jars were labeled, placed into a cooler with ice, and shipped with chain of custody documents to the ASARCO Salt Lake City laboratory. As specified in the RFI Work Plan Quality Assurance Plan (QAP), duplicate soil samples and equipment blank samples were collected at a frequency of one per 20 soil samples, and field blanks were prepared at a frequency of one per day that soil samples were collected.

Following completion, each soil boring was plugged with Portland Type I cement and/or bentonite from total depth to ground level by a TCEQ-licensed water well driller. Soil boring logs with a lithologic description of the sediments encountered during drilling are provided in Appendix B.

3.2 Waste Pile

As shown on Figure 1, three soil borings (B-206, B-207, B-208) were installed in the Waste Pile area during the Phase II RFI. These soil borings were installed radially outward from soil boring B-123 to further delineate the extent of COCs in soil south of the Waste Pile area. Initially, the soil samples from soil boring B-206 were analyzed for the COCs that exceeded background levels at soil boring B-123. Following receipt of the analytical results from soil boring B-206, soil samples from the next closest soil boring (i.e., soil boring B-207) were analyzed only for the constituents that exceeded background concentrations at those corresponding depths in soil boring B-206. This procedure was then repeated for the outermost soil boring (B-208).

3.3 Boneyard

As shown on Figure 1, one soil boring (B-188a) was installed in the Boneyard area during the Phase II RFI. Soil boring B-188a was installed adjacent to soil boring B-188 to complete the vertical delineation of COCs at this location. Soil samples from soil boring B-188 were not analyzed for COCs below a depth of 2.5 feet other than antimony. Therefore, soil samples from soil boring B-188a were collected from a depth of 5.5 feet to the top of the saturated zone at a depth of 11 feet. Initially, the soil samples from the 5.5 foot depth interval were analyzed for the COCs that exceeded background levels at the 0-0.5 foot or 2-2.5 foot depth intervals. As detailed below in Section 4.3, none of the COCs in the 5.5 depth interval exceeded background concentrations and therefore the deeper soil samples from soil boring B-188a were not analyzed.

3.4 East and West Lagoons

As shown on Figure 1, eight soil borings (B-209 through B-216) were installed west of the East and West Lagoons during the Phase II RFI. As recommended in the Phase I RFI, the Phase II soil borings were installed to determine the source and to delineate the extent of cadmium, lead, mercury, and selenium that exceeded background levels in soil borings B-161 and B-164. The Phase II RFI soil borings were advanced to the top of the saturated zone, and each soil sample was analyzed for total cadmium, lead, mercury, and selenium.

3.5 01 Landfill

As shown on Figure 1, eight soil borings (B-217 through B-224) were installed north of the 01 Landfill during the Phase II RFI. The eight Phase II RFI soil borings in this area consist of four groups, with two radiating outward soil borings in each group. Initially, the soil samples from soil borings located closest to the 01 Landfill (B-217, B-219, B-221, B-223) were analyzed for the COCs that exceeded background levels at corresponding 1993 soil borings B-12, B-11, B-10, and B-9, respectively, and corresponding Phase I RFI soil borings B-140 through B-143, respectively. Following receipt of the analytical results from soil borings located closest to the 01 Landfill (i.e., B-217, B-219, B-221, B-223), soil samples from the outermost Phase II soil borings (i.e., soil borings B-218, B-220, B-222, B-224) were analyzed for the constituents that exceeded background concentrations at those corresponding depths in the closest Phase II soil borings.

4.0 Phase II RFI Analytical Results

4.1 General

The soil samples were submitted to the ASARCO Salt Lake City laboratory and analyzed for the COCs in accordance with the EPA test methods and sample quantitation limits specified in the RFI Work Plan. Soil sample analytical laboratory reports and laboratory quality assurance/quality control (QA/QC) data are provided in Appendix C.

Soil sample analytical results for the SWMUs/AOCs investigated during the Phase II RFI (Waste Pile, Boneyard, East and West Lagoons, 01 Landfill) are summarized on Tables 1 through 4, respectively. Table 5 provides an updated summary of all RFI soil sample analytical data obtained at the site. Soil sample analytical results are also summarized on Figures 2 through 17.

4.2 Waste Pile

Soil sample analytical results for the Waste Pile Area are summarized on Table 1. As shown on Table 1, the concentrations of COCs in soil at Phase II RFI soil boring B-206 declined to the background levels established for the site except chromium and manganese. Chromium and manganese were also detected in soil samples from step-out soil borings B-207 and B-208 at concentrations slightly above background levels established for the site. However, the chromium and manganese concentrations in the soil samples are relatively low and do not change significantly with distance, indicating the reported concentrations may represent background levels.

The chromium and manganese concentrations in the Phase II RFI soil samples in the Waste Pile area do not exceed the TCEQ RRS2 medium-specific concentrations (MSCs) protective of ingestion and inhalation of affected soil (SAI-Ind) or the RRS2 MSCs for soil that are protective of saline groundwater (adjusted GWP-Ind).

4.3 Boneyard

Soil sample analytical results for the Boneyard area are summarized on Table 2. Several, but not all, of the COCs in the surface (0-0.5 feet) and 2-2.5 foot depth soil samples from soil boring B-188 exceeded background levels. Therefore, the 5.5 foot depth soil sample from Phase II RFI soil boring B-188a was analyzed for all of the COCs that exceeded background levels in the shallower (0-0.5 feet; 2-2.5 feet) soil

samples from soil boring B-188. None of the COCs in the 5.5 foot depth sample or the duplicate 5.5 foot depth soil sample from soil boring B-188a exceeded background levels. Therefore, because vertical delineation of COCs at soil boring B-188a was completed at a depth of 5.5 feet, deeper soil samples collected from soil boring B-188a were not analyzed.

4.4 East and West Lagoons

Soil sample analytical results for the East and West Lagoon area are summarized on Table 3. As shown on Table 3, the concentrations of cadmium, lead, mercury, and selenium in the soil samples from Phase II RFI soil borings are generally highest at soil borings B-209, B-211, B-213, and B-215. Cadmium and lead concentrations in soil samples from soil borings B-209, B-211, B-213 and B-215 exceed background levels and the RRS2 adjusted GWP-Ind. The mercury concentration in the 1.2-1.6 foot depth soil sample from soil boring B-209 and the surface (0-0.5') soil sample from soil boring B-213 also exceed the RRS2 SAI-Ind for mercury. Cadmium, lead, mercury, and selenium concentrations in soil samples from soil borings B-210, B-212, B-214, and B-216 do not exceed the RRS2 SAI-Ind or the adjusted GWP-Ind.

As shown on Figures 3 and 6, COC concentrations in soil decline generally decline with distance to the west of soil boring B-161 and to the north of the Boneyard, indicating two potential sources for the COCs detected in this area: the area near soil boring B-161, and the Boneyard. The area near soil boring B-161 is vacant and grass-covered, and no historic SWMUs/AOCs were known to be present in this area. As detailed in the RFI Work Plan, the subject site began operations in 1942. However, the East and West Lagoons were not constructed until the 1970's. Therefore, the source of COCs in the area of soil boring B-161 may be related to historic storm water drainage patterns at the facility prior to construction of the East and West Lagoons. The source of COCs in the Boneyard area is likely the former soil and debris piles that had been located in the Boneyard. As detailed in the August 13, 2002 RFI Report, the Boneyard soil and debris piles were removed from the site and properly disposed of during 2001.

4.5 01 Landfill

Soil sample analytical results for the 01 Landfill area are summarized on Table 4. As shown on Table 4, the concentrations of COCs in the Phase II RFI soil borings are highest at soil boring B-223, which is located near the northeast corner of the 01 Landfill. COC concentrations declined to the north of B-223 at step-out soil boring B-224. Arsenic and lead concentrations in soil samples from soil boring B-223 exceed

background levels and the RRS2 SAI-Ind. Arsenic, cadmium, copper, and lead concentrations in soil samples from soil boring B-223 also exceed the RRS2 adjusted GWP-Ind. However, COC concentrations in groundwater samples collected from adjacent monitor well MW-2 during the Phase I RFI did not exceed the adjusted RRS2 MSCs for groundwater (adjusted for saline groundwater). As detailed in the August 13, 2002 RFI Report, the groundwater analytical data and synthetic precipitation leaching procedure (SPLP) soil analytical data indicate the mobility of metals in soil at the site is relatively low.

5.0 Summary and Conclusions

Four SWMUs/AOCs (Waste Pile, Boneyard, East and West Lagoons, 01 Landfill) were investigated during the Phase II RFI to further delineate the extent of COCs in those areas. Three soil borings were installed south of the Waste Pile, and soil sample analytical data showed all COC concentrations declined to background levels except chromium and manganese. The chromium and manganese concentrations in soil samples from the southernmost boring (B-208) slightly exceeded background levels established for the site. However, the chromium and manganese concentrations in the soil samples south of the Waste Pile are relatively low and do not change significantly with distance, indicating the reported concentrations may represent background levels.

One soil boring (B-188a) was advanced in the Boneyard during the Phase II RFI, and all COC concentrations declined to background levels at a depth of 5.5 feet or shallower. The B-188a soil sample analytical data demonstrates that the vertical delineation of COCs is complete at that location.

Eight soil borings were advanced in an undeveloped, grass-covered area west of the East and West Lagoons to determine the source and extent of cadmium, lead, mercury, and selenium that exceeded background levels in Phase I RFI soil borings B-161 and B-164, which are located approximately 200 feet west of the West Lagoon. The Phase II RFI soil sample analytical data showed that COC concentrations generally decline with distance to the west of soil boring B-161 and to the north of the Boneyard. This data indicates two potential sources for the COCs in this area: the area near soil boring B-161, and the Boneyard. The area near soil boring B-161 is vacant, and no historic SWMUs/AOCs were known to be present in this area. The subject site began operations in 1942, however the East and West Lagoons were not constructed until the 1970's. Therefore, the source of COCs in the area of soil boring B-161 may be related to historic storm water drainage patterns at the facility prior to construction of the East and West Lagoons. The source of COCs in the Boneyard area is likely the former soil

and debris piles that had been located in the Boneyard. As detailed in the August 13, 2002 RFI Report, the Boneyard soil and debris piles were removed from the site and properly disposed of during 2001.

Eight soil borings were advanced north of the 01 Landfill during the Phase II RFI to further delineate the extent of COCs in this area. Elevated concentrations of COCs were detected in soil samples from soil boring B-223, which is located near monitor well MW-2 at the northeast corner of the 01 Landfill. Arsenic and lead concentrations in soil samples from soil boring B-223 exceed background levels and the RRS2 SAI-Ind. Arsenic, cadmium, copper, and lead concentrations in soil samples from soil boring B-223 also exceed the RRS2 adjusted GWP-Ind. However, COC concentrations in groundwater samples collected from adjacent monitor well MW-2 during the Phase I RFI did not exceed the adjusted RRS2 MSCs for groundwater (adjusted for saline groundwater). As detailed in the August 13, 2002 RFI Report, the groundwater analytical data and SPLP soil analytical data indicate the mobility of metals in soil at the site is relatively low.

6.0 Recommendations

Based on the analytical data obtained from 20 monitor wells and over 200 soil borings, the horizontal and vertical extent of COCs in soil and groundwater associated with the Encycle facility have been adequately delineated. The RFI data showed that at least one COC in surface soils at each of the 20 on-site SWMUs/AOCs and the Grain Elevator exceeded background concentrations. Therefore, as specified in Section VII.B., Paragraph 48 of the Consent Decree, following TCEQ approval of this Phase II RFI Report, a baseline risk assessment (BLRA) will be prepared for the Encycle facility. The BLRA will identify and evaluate risk for all potential receptors, and if necessary, identify and evaluate corrective measures alternatives and recommend appropriate corrective measure(s) to protect human health and the environment. The BLRA will be prepared in accordance with the TCEQ Risk Reduction Rules given in 30 TAC Chapter 335.551-335.569. The BLRA will be based on site-specific data, standard default exposure assumptions, and toxicity values used by the U.S. Environmental Protection Agency and the TCEQ. The BLRA will include (1) site characterization, (2) development of constituents of potential concern (COPCs) to be used in subsequent risk calculations, (3) a toxicity assessment to evaluate systemic toxicant (non-carcinogenic) and carcinogenic effects of the COPCs, (4) an exposure assessment to identify potentially complete exposure pathways, and (5) characterization of potential risks, including the development of preliminary

remediation goals (PRGs) if unacceptable regulatory risks are identified. The BLRA will be submitted to the TCEQ within 90 days following TCEQ approval to proceed.

The Consent Decree states in Part VII.B., paragraph 48 that "*Upon approval of the RFI Report, if the TNRCC, in consultation with EPA, determines that there has been a Release of Hazardous Waste or Hazardous Constituents (listed in 40 CFR Part 261, Appendix VIII and/or 40 CFR Part 264 Appendix IX) into the environment, then Settlors shall propose a remedy, if necessary, in accordance with the TNRCC risk reduction rules or as otherwise specified by the TNRCC. This will require a BLRA and/or CMS Report to be submitted for review and approval 120 days after final approval of the RFI reports or within the time frame(s) specified by the TNRCC, in consultation with the EPA.*" Completion of the BLRA is recommended prior to preparation of the CMS to allow evaluation and selection of the most appropriate remedial approach for the affected media, based on cleanup levels established in the BLRA. Therefore, pending TCEQ approval, the CMS will be submitted to the TCEQ within 90 days following TCEQ approval of the BLRA.

TABLES

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-18	05/20/93	0-0.5	(u)	---	16	---	---	57	---	---	29	---	45	341	---	11	---	---	---	---	---	2798
(Waste Pile)		2-2.5	(u)	---	12	---	---	2.6	---	---	8.7	---	11	259	---	9.7	---	---	---	---	---	163
		5.5-6	(u)	---	11	---	---	<2.5	---	---	8	---	8.4	374	---	9.1	---	---	---	---	---	58
		9-9.5	(u)	---	11	---	---	<2.5	---	---	13	---	11	359	---	12	---	---	---	---	---	67
		12.5-13	(u)	---	9.1	---	---	<2.5	---	---	8.6	---	11	476	---	8.8	---	---	---	---	---	51
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	15	---	11	485	---	12	---	---	---	---	---	63
		20-20.5	(u)	---	15	---	---	<2.5	---	---	13	---	12	246	---	13	---	---	---	---	---	60
		21.5-22	(s)	---	9.2	---	---	<2.5	---	---	<5	---	6	138	---	<5	---	---	---	---	---	31
B-19	05/20/93	0-0.5	(u)	---	16	---	---	41	---	---	20	---	53	316	---	8.6	---	---	---	---	---	2367
(Waste Pile)		2-2.5	(u)	---	12	---	---	<2.5	---	---	8.5	---	8.6	343	---	10	---	---	---	---	---	68
		5.5-6	(u)	---	7.5	---	---	<2.5	---	---	8.7	---	10	290	---	12	---	---	---	---	---	56
		9-9.5	(u)	---	10	---	---	<2.5	---	---	6.6	---	11	365	---	11	---	---	---	---	---	53
		12.5-13	(u)	---	12	---	---	<2.5	---	---	7.8	---	7.9	430	---	12	---	---	---	---	---	50
		16-16.5	(u)	---	19	---	---	<2.5	---	---	11	---	12	229	---	13	---	---	---	---	---	95
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	12	---	9.5	247	---	11	---	---	---	---	---	58
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	6.5	140	---	5.7	---	---	---	---	---	44
B-20	05/20/93	0-0.5	(u)	---	30	---	---	226	---	---	84	---	298	636	---	12	---	---	---	---	---	10340
(Waste Pile)		2-2.5	(u)	---	7.4	---	---	<2.5	---	---	14	---	13	302	---	12	---	---	---	---	---	94
		5.5-6	(u)	---	10	---	---	<2.5	---	---	7.7	---	10	349	---	10	---	---	---	---	---	75
		9-9.5	(u)	---	<5	---	---	<2.5	---	---	8.1	---	7.8	198	---	11	---	---	---	---	---	58
		12.5-13	(u)	---	14	---	---	<2.5	---	---	8.4	---	9	464	---	12	---	---	---	---	---	56
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	13	---	12	617	---	14	---	---	---	---	---	123
		19-19.5	(u)	---	13	---	---	<2.5	---	---	12	---	11	195	---	12	---	---	---	---	---	92
		22-22.5	(s)	---	6	---	---	<2.5	---	---	<5	---	<5	138	---	<5	---	---	---	---	---	22
B-21	05/20/93	0-0.5	(u)	---	115	---	---	1113	---	---	374	---	1504	1678	---	16	---	---	---	---	---	71000
(Waste Pile)		2-2.5	(u)	---	8.8	---	---	30	---	---	19	---	68	276	---	9.7	---	---	---	---	---	1152
		5.5-6	(u)	---	12	---	---	<2.5	---	---	9.2	---	12	284	---	8.5	---	---	---	---	---	79
		9-9.5	(u)	---	13	---	---	<2.5	---	---	12	---	8.6	307	---	10	---	---	---	---	---	69
		12.5-13	(u)	---	<5	---	---	<2.5	---	---	11	---	11	169	---	10	---	---	---	---	---	78
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	12	---	16	476	---	14	---	---	---	---	---	93
		19.5-20	(u)	---	8.3	---	---	<2.5	---	---	10	---	9.1	186	---	12	---	---	---	---	---	55
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	5.3	126	---	5.3	---	---	---	---	---	29
B-22	05/21/93	0-0.5	(u)	---	8.5	---	---	7	---	---	13	---	22	463	---	11	---	---	---	---	---	1596
(Waste Pile)		2-2.5	(u)	---	39	---	---	203	---	---	117	---	439	586	---	11	---	---	---	---	---	21600
		5.5-6	(u)	---	<5	---	---	3.3	---	---	8.5	---	14	317	---	9.9	---	---	---	---	---	342
		9-9.5	(u)	---	7.6	---	---	<2.5	---	---	5.5	---	7.4	245	---	7.9	---	---	---	---	---	52
		12.5-13	(u)	---	10	---	---	<2.5	---	---	10	---	11	411	---	12	---	---	---	---	---	61
		16-16.5	(u)	---	13	---	---	<2.5	---	---	11	---	10	1331	---	17	---	---	---	---	---	66
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	7.2	---	7.1	153	---	6.3	---	---	---	---	---	29
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	5.9	151	---	5	---	---	---	---	---	35

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-23	05/21/93	0-0.5	(u)	---	7.4	---	---	**13**	---	---	22	---	45	238	---	9.8	---	---	---	---	---	701
(Waste Pile)		2-2.5	(u)	---	7.5	---	---	<2.5	---	---	8.2	---	7.1	277	---	9.8	---	---	---	---	---	43
		5.5-6	(u)	---	<5	---	---	<2.5	---	---	6.3	---	8.6	285	---	8.8	---	---	---	---	---	41
		9-9.5	(u)	---	16	---	---	<2.5	---	---	9	---	**53**	319	---	13	---	---	---	---	---	54
		12.5-13	(u)	---	9.1	---	---	<2.5	---	---	9	---	11	361	---	12	---	---	---	---	---	52
		16-16.5	(u)	---	6.9	---	---	<2.5	---	---	10	---	10	**862**	---	15	---	---	---	---	---	68
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	9.6	---	9.9	186	---	11	---	---	---	---	---	57
		23-23.5	(s)	---	<5	---	---	<2.5	---	---	6.1	---	7.3	167	---	7.3	---	---	---	---	---	44
B-118	06/27/00	0-0.5	(u)	**3**	8	155	<4	**33**	**15**	7	**41**	<0.04	102	**556**	**0.63**	---	**2**	**1**	<1	6	15	3855
(waste pile)		2-2.5	(u)	**3**	5	508	<4	**9**	13	5	**19**	<0.04	42	**379**	0.06	---	<0.8	**1**	<1	<5	20	953
		5.5	(u)	**2**	<5	259	<4	1	12	6	8	<0.04	11	259	<0.05	---	<0.8	<0.5	<1	<5	26	86
		8.5	(u)	**2**	5	254	<4	4	12	<5	12	<0.04	16	432	<0.05	---	<0.8	<0.5	<1	<5	29	184
		11.5	(u)	**3**	7	311	<4	<1	11	7	12	<0.04	12	434	<0.05	---	<0.8	<0.5	<1	<5	25	57
		14.5	(u)	**3**	6	307	<4	<1	12	7	13	<0.04	12	**716**	<0.05	---	<0.8	<0.5	<1	<5	27	60
		17.5	(u)	**3**	7	122	<4	1	14	8	13	<0.04	14	500	<0.05	---	<0.8	<0.5	<1	<5	29	78
		18-18.5	(s)	**2**	<5	185	<4	<1	9	6	13	<0.04	9	205	<0.05	---	<0.8	<0.5	<1	<5	19	36
B-119	06/27/00	0-0.5	(u)	**2.9**	---	---	---	10	12	---	23	---	---	178	**0.12**	---	<0.8	**0.8**	---	---	---	784
(waste pile)		2-2.5	(u)	**2.9**	---	---	---	<1	---	---	11	---	---	321	<0.05	---	---	<0.5	---	---	---	40
(step out boring)		5.5	(u)	**2.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105
		8.5	(u)	**3.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53
		11.5	(u)	**3.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54
		14.5	(u)	**3.4**	---	---	---	---	---	---	---	---	---	**798**	---	---	---	---	---	---	---	59
		17.5	(u)	**2.7**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	538
		19.7-20	(s)	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46
B-120	06/28/00	0-0.5	(u)	**1.7**	---	---	---	---	---	---	---	---	---	---	**0.28**	---	---	**1.2**	---	---	---	353
(waste pile)		2-2.5	(u)	**1.8**	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	42
(step out boring)		5.5	(u)	**2.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	55
		8.5	(u)	**2.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51
		11.5	(u)	**2.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45
		14.5	(u)	**1.1**	---	---	---	---	---	---	---	---	---	**683**	---	---	---	---	---	---	---	64
		17.5	(u)	**1.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51
		20.3-21	(s)	**1.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-121	06/30/00	0-0.5	(u)	4	18	282	<4	98	35	8	89	<0.04	167	691	8.8	---	18	5	<1	10	29	6973
(waste pile)		2-2.5	(u)	5	<5	206	<4	12	20	9	19	<0.04	26	563	0.21	---	<0.8	<0.5	<1	<5	42	720
		5.5	(u)	3	<5	166	<4	6	17	6	14	<0.04	17	299	0.15	---	<0.8	<0.5	<1	<5	34	418
		8.5	(u)	3	<5	265	<4	3	14	8	14	<0.04	16	431	<0.05	---	<0.8	<0.5	<1	<5	29	224
	Duplicate 40	8.5	(u)	4	<5	266	<4	2	13	6	11	<0.04	12	284	<0.05	---	<0.8	<0.5	<1	<5	27	156
		11.5	(u)	4	6	326	<4	1	14	12	14	<0.04	17	996	<0.05	---	<0.8	<0.5	<1	<5	30	100
		14.5	(u)	3	8	397	<4	2	13	8	13	<0.04	15	548	<0.05	---	<0.8	<0.5	7	6	30	114
		17.5	(u)	3	9	48	<4	<1	13	7	13	<0.04	12	301	<0.05	---	<0.8	<0.5	3	<5	30	61
	Duplicate 41	17.5	(u)	4	8	43	<4	<1	14	8	14	<0.04	14	295	<0.05	---	<0.8	<0.5	<1	<5	30	68
		19.7-20	(s)	3	<5	192	<4	<1	14	5	9	<0.04	11	265	<0.05	---	<0.8	<0.5	<1	<5	25	65
B-122	06/30/00	0-0.5	(u)	4	<5	---	---	23	16	---	56	---	118	442	0.38	---	1	1	---	5	---	1560
(waste pile)		2-2.5	(u)	3	---	---	---	1	16	---	14	---	---	385	<0.05	---	---	---	---	---	18	71
(step out boring)		5.5	(u)	3	---	---	---	<1	17	---	---	---	---	---	<0.05	---	---	---	---	---	---	54
		8.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52
		11.5	(u)	3	---	---	---	---	---	9	---	---	---	464	---	---	---	---	---	---	---	61
		14.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	56
		17.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	62
		20.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47
		23-23.5	(s)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29
B-123	06/30/00	0-0.5	(u)	4	---	---	---	27	15	---	86	---	189	319	0.74	---	<0.8	1	---	---	---	1750
(waste pile)		2-2.5	(u)	3	---	---	---	---	14	---	---	---	---	407	<0.05	---	---	---	---	---	---	70
(step out boring)		5.5	(u)	3	---	---	---	---	17	---	---	---	---	---	<0.05	---	---	---	---	---	---	52
		8.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52
		11.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60
		14.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61
		17.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52
		19.7-20	(s)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34
B-124	06/29/00	0-0.5	(u)	3	6	298	<4	24	16	6	22	<0.04	39	450	0.33	---	<0.8	<0.5	<1	<5	24	1500
(waste pile)		2-2.5	(u)	2	<5	294	<4	2	16	7	11	<0.04	12	432	<0.05	---	<0.8	<0.5	<1	<5	33	122
	Duplicate 37	2-2.5	(u)	<0.8	<5	310	<4	2	21	7	11	<0.04	11	408	<0.05	15	<0.8	<0.5	2	<5	41	141
		5.5	(u)	2	5	258	<4	2	9	5	7	<0.04	10	320	<0.05	---	<0.8	<0.5	<1	<5	24	132
	Duplicate 38	5.5	(u)	1	<5	288	<4	3	18	7	9	<0.04	11	369	<0.05	16	<0.8	<0.5	3	<5	37	210
		8.5	(u)	2	7	313	<4	<1	15	8	13	<0.04	13	507	<0.05	---	<0.8	<0.5	<1	<5	34	76
		11.5	(u)	3	6	309	<4	2	16	8	14	<0.04	14	390	<0.05	---	<0.8	<0.5	<1	<5	32	118
		14.5	(u)	2	<5	250	<4	<1	14	7	12	<0.04	10	485	<0.05	---	<0.8	<0.5	<1	<5	26	64
		17.5	(u)	2	7	204	<4	<1	15	7	15	<0.04	13	353	<0.05	---	<0.8	<0.5	<1	<5	31	62
		20.5	(u)	2	<5	455	<4	<1	13	7	15	<0.04	12	266	<0.05	---	<0.8	<0.5	6	<5	28	64
		23.5-24	(s)	2	<5	888	<4	<1	8	5	8	<0.04	8	221	<0.05	---	<0.8	<0.5	2	<5	18	36

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-125	06/29/00	0-0.5	(u)	2.4	---	---	---	6	16	---	---	---	---	437	0.19	---	---	---	---	---	---	508
(waste pile)		2-2.5	(u)	3.4	---	---	---	---	14	---	---	---	---	399	<0.05	---	---	---	1	---	41	68
(step out boring)		5.5	(u)	2.8	---	---	---	---	11	---	---	---	---	---	---	---	---	---	1	---	31	39
		8.5	(u)	3	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	61
		11.5	(u)	2.5	---	---	---	---	18	---	---	---	---	---	---	---	---	---	---	---	---	88
		14.5	(u)	1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51
		17.5	(u)	1.9	---	---	---	---	15	---	---	---	---	---	---	---	---	---	---	---	---	58
		20.5	(u)	1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	54
		23.5-24	(s)	1.8	---	178	---	---	---	---	---	---	---	---	---	---	---	---	9	---	---	49
B-126	06/29/00	0-0.5	(u)	2.8	---	---	---	---	20	---	---	---	---	460	0.66	---	---	---	---	---	---	1720
(waste pile)		2-2.5	(u)	2.4	---	---	---	---	---	---	---	---	---	395	<0.05	---	---	---	---	---	42	61
(step out boring)		5.5	(u)	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44
		8.5	(u)	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56
		11.5	(u)	2.1	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	54
		14.5	(u)	2.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61
		17.5	(u)	2.6	---	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	51
		20.5	(u)	2.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	59
		23.5-24	(s)	3.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	51
B-127	06/28/00	0-0.5	(u)	3	13	325	<4	55	15	6	38	<0.04	82	397	0.31	---	2	1	<1	6	41	3193
(waste pile)		2-2.5	(u)	2	<5	350	<4	2	10	<5	8	<0.04	10	256	0.31	---	<0.8	<0.5	<1	<5	30	110
		5.5	(u)	2	7	272	<4	3	11	7	11	<0.04	13	437	<0.05	---	<0.8	<0.5	7	<5	29	172
		8.5	(u)	3	7	320	<4	2	12	7	12	<0.04	13	451	<0.05	---	<0.8	<0.5	1	<5	28	104
	Duplicate 35	8.5	(u)	1	7	307	<4	18	20	11	12	<0.04	13	528	<0.05	15	<0.8	<0.5	<1	<5	41	132
		11.5	(u)	3	6	261	<4	1	17	8	13	<0.04	12	794	<0.05	---	<0.8	<0.5	<1	<5	33	76
	Duplicate 36	11.5	(u)	1	6	255	<4	3	15	8	11	<0.04	11	777	<0.05	14	<0.8	<0.5	8	<5	30	73
		14.5	(u)	3	7	355	<4	<1	14	6	13	<0.04	11	274	<0.05	---	<0.8	<0.5	<1	<5	29	59
		17.2-18	(s)	3	<5	270	<4	<1	12	<5	10	<0.04	11	231	<0.05	---	<0.8	<0.5	<1	<5	20	41
B-128	06/28/00	0-0.5	(u)	3.5	---	---	---	19	16	---	---	---	---	445	0.58	---	2.4	1.1	---	---	16	1560
(waste pile)		2-2.5	(u)	2.8	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	49
(step out boring)		5.5	(u)	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	128
		8.5	(u)	2.6	---	---	---	<1	13	8	---	---	---	---	---	---	---	---	---	---	33	53
		11.5	(u)	2.8	---	---	---	---	14	---	---	---	---	453	---	---	---	---	1	---	---	58
		14.5	(u)	2.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44
		17.5	(u)	3.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	64
		20.5	(u)	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47
		23.7-24	(s)	2.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-129	06/29/00	0-0.5	(u)	**1.3**	---	---	---	**141**	**15**	---	---	---	---	**523**	**0.21**	---	**1.3**	**2.4**	---	---	---	5747
(waste pile)		2-2.5	(u)	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	72
(step out boring)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46
		8.5	(u)	**1.8**	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---	---	---	47
		11.5	(u)	**2**	---	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	53
		14-14.5	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42
B-206	02/11/03	0-0.5	(u)	<0.8	---	---	---	<1	**18**	---	14	---	11	---	<0.05	---	---	<0.5	---	---	---	---
(waste pile)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	**441**	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	<0.8	---	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	<0.8	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	---
		17-17.5	(s)	<0.8	---	---	---	---	8.8	---	---	---	---	---	---	---	---	---	---	---	---	---
B-207	02/11/03	0-0.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---
(waste pile)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	**396**	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	**20**	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	**26**	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	---	---	---
B-208	02/11/03	0-0.5	(u)	---	---	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	---	---
(waste pile)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	**458**	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	---	---	---	---	---	**20**	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	**23**	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---
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	
TCEQ RRS2 MSCs [c]																						
		SAI-Ind (mg/kg):		490	200	58000	680000	1500	350000	110000	74000	37000	1000	110000	9.6	12000	9200	2800	150	610000	2900	410000
		Adjusted GWP-Ind (mg/kg):		60	100	20000	510000	50	1000	61000	13000	2000	150	140000	20	20000	500	5100	20	610000	7200	310000
		Adjusted GW (mg/L):		0.6	1	200	1,800	0.5	10	610	130	20	1.5	1400	0.2	200	5	51	0.2	6100	72	3100

Table 1. Waste Pile Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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

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 - 30 TAC Chapter 335.559(d)(3))
Adjusted GW Adjusted RRS2 MSC for groundwater (adjusted for saline groundwater)
* 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.

Table 2. Boneyard Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-105	06/23/00	0-0.5	(u)	404	1310	95	75	1077	33	13	1151	0.56	13160	2294	6.2	11	4	182	<1	75	<5	239900
	(SPLP)	*0-0.5*	*(u)*	*<0.1*	*<0.1*	*0.11*	*<0.1*	*5.3*	*<0.1*	*<0.1*	*<0.1*	---	*0.83*	*13*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*750*
(Boneyard)		2-2.5	(u)	3	<5	87	<4	48	13	6	29	0.16	27	1490	<0.05	12	<0.8	<0.5	<1	<5	14	6434
		5.5	(u)	2	<5	508	<4	<1	10	<5	10	<0.04	11	274	<0.05	8	<0.8	<0.5	<1	<5	29	124
		8.5	(u)	2	5	355	<4	<1	11	<5	10	---	10	265	---	7	<0.8	<0.5	6	<5	34	89
		10.5-11	(s)	2	<5	246	<4	<1	8	<5	7	---	9	314	---	7	<0.8	<0.5	2	<5	22	45
B-106	06/23/00	0-0.5	(u)	8	42	159	<4	99	29	10	321	0.18	391	911	0.19	18	<0.8	5	<1	9	13	7268
	Duplicate 26	0-0.5	(u)	10	51	163	<4	106	22	10	372	0.14	445	1100	0.54	19	1	6	4	10	18	7541
		2-2.5	(u)	2	<5	101	<4	22	16	6	18	---	16	392	<0.05	12	<0.8	<0.5	<1	<5	18	864
(Boneyard)		5.5	(u)	2	<5	235	<4	4	12	<5	9	---	9	308	<0.05	8	<0.8	<0.5	<1	<5	25	159
		8.5	(u)	2	5	373	<4	2	11	<5	7	---	8	287	---	7	<0.8	<0.5	<1	<5	32	139
		10-11	(s)	2	<5	220	<4	2	8	<5	5	---	8	222	---	6	<0.8	<0.5	<1	<5	20	134
B-107	06/23/00	0-0.5	(u)	13	44	155	<4	99	18	7	346	0.11	685	812	0.24	12	2	13	<1	6	19	7579
	Duplicate 27	0-0.5	(u)	6	19	171	<4	109	12	8	184	0.04	350	764	0.58	10	2	6	4	7	16	6467
		2-2.5	(u)	2	<5	134	<4	1	12	5	14	---	13	331	<0.05	10	<0.8	<0.5	<1	<5	18	137
(Boneyard)		5.5	(u)	2	5	521	<4	<1	14	5	8	---	8	283	<0.05	9	<0.8	<0.5	1	7	45	45
		8.5	(u)	3	<5	275	<4	<1	10	<5	8	---	8	290	---	7	<0.8	<0.5	<1	<5	28	39
		10-11	(s)	2	<5	230	<4	<1	10	<5	10	---	7	246	---	6	<0.8	<0.5	<1	<5	22	35
B-188	11/06/01	0-0.5	(u)	7	80	---	<5	126	945	12	451	0.09	1758	427	4.36	---	6.7	17	<1	28	28	---
	Duplicate B-188	0-0.5	(u)	8.6	113	---	<5	156	1202	15	574	0.16	2745	544	3.24	---	7.6	21	<1	40	27	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	244	37	---	29	---	---	1207	---	---	---	---	---	---	---	---
(Step out from B-105)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-188a	02/11/03	5.5	(u)	---	5.7	---	---	<1	14	5.2	7.5	---	<5	322	<0.05	---	<0.8	<0.5	---	<5	---	---
	Duplicate-1	5.5	(u)	---	<5	---	---	<1	13	5.3	7.3	---	6.8	298	---	---	<0.8	<0.5	---	<5	---	---
(Bone Yard)																						
(Step out from B-105)																						
(Offset of B-188)																						
B-189	11/06/01	0-0.5	(u)	19	170	---	---	371	18	10	687	---	3510	1008	1.69	---	7.3	73	---	76	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	<1	12	---	13	---	---	387	---	---	---	---	---	---	---	---
(Step out from B-188)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2. Boneyard Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-190	11/07/01	0-0.5	(u)	<0.8	5.3	---	<5	**292**	14	7.2	19	0.07	61	**621**	<0.05	---	<0.8	<0.5	<1	6.1	19	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	**90**	14	---	14	---	---	**438**	---	---	---	---	---	---	---	---
(Step out from B-107)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-191	11/07/01	0-0.5	(u)	---	---	---	---	**149**	---	---	---	---	---	**454**	---	---	---	---	---	---	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	**5**	---	---	---	---	---	**397**	---	---	---	---	---	---	---	---
(Step out from B-190)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-192	11/07/01	0-0.5	(u)	<0.8	12	---	<5	**94**	11	6.1	**60**	0.08	**110**	**537**	**0.43**	---	<0.8	**1.6**	<1	5.7	13	---
Duplicate B-192		0-0.5	(u)	<0.8	9.9	---	<5	**99**	11	6.1	**46**	<0.05	**62**	**585**	**0.21**	---	<0.8	**1.1**	<1	5.2	14	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	**24**	12	---	16	---	---	305	---	---	---	---	---	---	---	---
(Step out from B-106)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-193	11/07/01	0-0.5	(u)	---	---	---	---	**73**	---	---	**142**	---	**270**	**596**	**4.13**	---	---	**3.7**	---	---	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	1.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-192)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	
TCEQ RRS2 MSCs [c]																						
		SAI-Ind (mg/kg):		490	200	58000	680000	1500	350000	110000	74000	37000	1000	110000	9.6	12000	9200	2800	150	610000	2900	410000
		Adjusted GWP-Ind (mg/kg):		60	100	20000	510000	50	1000	61000	13000	2000	150	140000	20	20000	500	5100	20	610000	7200	310000
		Adjusted GW (mg/L):		0.6	1	200	1,800	0.5	10	610	130	20	1.5	1400	0.2	200	5	51	0.2	6100	72	3100

Table 2. Boneyard Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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

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 - 30 TAC Chapter 335.559(d)(3))
Adjusted GW Adjusted RRS2 MSC for groundwater (adjusted for saline groundwater)
* 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.

Table 3. East and West Lagoon Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-13	05/18/93	0-0.5	(u)	---	24	---	---	39	---	---	168	---	200	909	---	9.6	---	---	---	---	---	4486
(West Lagoon)		2-2.5	(u)	---	28	---	---	26	---	---	202	---	267	635	---	6.8	---	---	---	---	---	3190
		5.5-6	(u)	---	<5.0	---	---	<2.5	---	---	14	---	13	310	---	9.2	---	---	---	---	---	167
		6-6.5	(s)	---	<5.0	---	---	4.5	---	---	37	---	24	135	---	13	---	---	---	---	---	450
B-14	05/09/93	0-0.5	(u)	---	26	---	---	65	---	---	266	---	740	530	---	30	---	---	---	---	---	4736
(West Lagoon)		2.0-2.5	(u)	---	24	---	---	4.7	---	---	115	---	45	642	---	11	---	---	---	---	---	532
		4.5-5	(s)	---	7.7	---	---	16	---	---	30	---	68	447	---	7.2	---	---	---	---	---	1198
B-15	05/09/93	0-0.5	(u)	---	31	---	---	77	---	---	246	---	359	373	---	7.4	---	---	---	---	---	7720
(West Lagoon)		2-2.5	(u)	---	58	---	---	13	---	---	740	---	148	441	---	17	---	---	---	---	---	1180
		6-6.5	(s)	---	5.3	---	---	<2.5	---	---	13	---	15	66	---	<5	---	---	---	---	---	147
B-16	05/19/93	0-0.5	(u)	---	25	---	---	48	---	---	154	---	273	452	---	7	---	---	---	---	---	3008
(West Lagoon)		2-2.5	(u)	---	14	---	---	10	---	---	87	---	94	332	---	9.3	---	---	---	---	---	1139
		4-4.5	(s)	---	<5	---	---	14	---	---	84	---	74	98	---	8.5	---	---	---	---	---	1184
B-17	05/19/93	0-0.5	(u)	---	21	---	---	31	---	---	131	---	235	470	---	8.4	---	---	---	---	---	3196
(West Lagoon)		2-2.5	(u)	---	13	---	---	15	---	---	260	---	66	464	---	13	---	---	---	---	---	974
		4-4.5	(s)	---	7.6	---	---	7.7	---	---	74	---	58	174	---	<5	---	---	---	---	---	1429
B-156	07/10/00	0-0.5	(u)	2.8	30	182	<4	23	13	8	520	<0.04	157	487	0.1	12	1	2.3	<5	<5	22	2200
		2.3-3	(s)	<0.8	<5	99	<4	1	15	6	8	<0.04	6	191	<0.05	8	1.3	<0.5	<5	<5	7	51
	Duplicate 43	2.3-3	(s)	2	<5	68	<4	2	18	8	27	<0.04	9	86	<0.05	9	<0.8	<0.5	4	<5	<5	98
(east/west lagoons)																						
(stepout borings)																						
B-157	07/10/00	0-0.5	(u)	<0.8	5	---	---	2	---	---	25	---	57	291	0.51	---	<0.8	<0.5	4	---	---	285
(east/west lagoons)		2.3-3	(s)	0.9	---	---	---	---	---	---	<5	---	---	---	---	---	0.9	---	<5	---	---	35
(stepout borings)																						
B-158	07/10/00	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	4.5	---	---	---	<5	---	---	5255
(east/west lagoons)		2.3-3	(s)	0.8	---	---	---	---	---	---	---	---	---	---	---	---	1	---	<5	---	---	58
(stepout borings)																						

Table 3. East and West Lagoon Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-159	07/11/00	0-0.5	(u)	3	21	285	<4	35	17	6	169	<0.04	250	558	4	11	2	3	<5	13	18	3762
		2-2.5	(s)	1	<5	255	<4	1	28	7	8	<0.04	13	110	0.27	16	<0.8	<0.5	<5	<5	15	129
	Duplicate 45	2-2.5	(s)	<0.8	<5	135	<4	2	38	8	8	<0.04	13	83	<0.05	20	1	<0.5	<5	<5	13	107
(east/west lagoons)																						
(stepout borings)																						
B-160	07/11/00	0-0.5	(u)	3	11	---	---	94	14	---	315	---	787	423	39[a]	---	168	14	<5	7	---	4379
(east/west lagoons)		2-2.5	(s)	<0.8	---	---	---	---	12	---	---	---	---	---	1.2[a]	---	21	---	<5	---	---	980
(stepout borings)																						
B-161	07/11/00	0-0.5	(u)	19	---	---	---	166	---	---	1640	---	9746	442	213[a]	---	1620	211	<5	---	---	4993
(east/west lagoons)		2-2.5	(s)	---	---	---	---	---	---	---	---	---	---	---	2.5[a]	---	363	---	<5	---	---	1150
(stepout borings)																						
B-162	11/05/01	0-0.5	(u)	0.82	23	580	7.3	74	18	10	135	<0.05	349	470	0.56	15	1	5	<1	15	35	6653
(east/west lagoons)		1-1.2	(s)	<0.8	11	653	5.4	23	14	7.3	32	<0.05	135	345	0.75	11	<0.8	1.3	<1	8	37	1495
(stepout borings)																						
B-163	11/05/01	0-0.5	(u)	<0.8	9.3	---	<4.0	19	11	7.8	31	---	100	762	0.07	---	<0.8	0.81	---	7.1	---	1178
(east/west lagoons)		1-1.2	(s)	---	12	---	<4.0	31	---	---	59	---	136	---	0.32	---	---	2.8	---	7.2	27	2091
(stepout borings)																						
B-164	11/05/01	0-0.5	(u)	---	---	---	---	262	---	---	---	---	---	710	---	---	---	11	---	---	---	10740
(east/west lagoons)		1-1.2	(s)	---	6.4	---	---	20	---	---	24	---	57	---	0.09	---	---	0.52	---	---	---	769
(stepout borings)																						
B-165	11/05/01	0-0.5	(u)	1.3	32	269	8	55	15	7.4	337	<0.05	260	742	2.9	10	3.7	2.2	<1	15	25	6764
	Duplicate B-165	0-0.5	(u)	0.96	31	295	8.6	45	14	7.6	248	<0.05	248	766	3.2	11	3.5	1.8	<1	13	26	5304
(east/west lagoons)		2-2.5	(s)	<0.8	8.9	256	7.9	1.4	18	8.9	21	<0.05	17	431	<0.05	14	<0.8	<0.5	<1	6	43	137
(stepout borings)																						
B-166	11/05/01	0-0.5	(u)	1.3	22	---	7.2	29	13	---	170	---	285	559	1.4	---	1.6	2.2	---	14	---	2621
(east/west lagoons)		2-2.3	(s)	---	---	---	6.4	---	18	---	353	---	---	---	---	---	---	---	---	---	21	3173
(stepout borings)																						
B-167	11/05/01	0-0.5	(u)	2.2	39	---	7.9	120	---	---	220	---	634	937	1.2	---	1	7.1	---	33	---	11010
(east/west lagoons)		2-2.3	(s)	---	---	---	6.7	---	14	---	144	---	---	---	---	---	---	---	---	---	---	10260
(stepout borings)																						

Table 3. East and West Lagoon Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-168	11/05/01	0-0.5	(u)	<0.8	<5	75	11	5.5	12	7.7	57	<0.05	44	257	<0.05	9.7	<0.8	<0.5	<1	6.5	11	388
(east/west lagoons)		2-2.5	(u)	<0.8	27	273	8.4	6.3	18	8.6	34	0.09	40	448	<0.05	15	<0.8	0.960	<1	6.1	40	492
(stepout borings)		2.5-3.1	(s)	<0.8	16	344	11	4.4	21	8.8	110	<0.05	58	387	0.09	15	<0.8	<0.5	<1	8.8	46	653
B-169	11/05/01	0-0.5	(u)	---	---	---	<4.0	---	---	---	19	---	---	---	---	---	---	---	---	---	---	953
(east/west lagoons)		1-1.5	(s)	---	16	---	<4.0	29	13	---	60	---	173	1091	---	---	---	5.8	---	13	21	2677
(stepout borings)																						
B-170	11/05/01	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3349
(east/west lagoons)		2-2.5	(u)	---	8.2	---	---	5.9	---	---	57	---	68	326	---	---	---	<0.5	---	8.5	---	805
(stepout borings)		2.7-3	(s)	---	8.9	---	---	8.8	---	---	19	---	48	451	---	---	---	<0.5	---	6.4	---	781
B-171	11/05/01	0-0.5	(u)	<0.8	9.1	283	11	3.4	20	8.5	46	<0.05	57	480	0.07	14	<0.8	<0.5	<1	8.6	40	496
(east/west lagoons)		2-2.5	(u)	<0.8	7.2	277	10	<1.0	22	9	11	<0.05	13	569	<0.05	15	<0.8	<0.5	<1	5.6	46	67
(stepout borings)		3.8-4.2	(s)	<0.8	8.5	280	12	<1.0	20	8.8	16	<0.05	18	448	<0.05	14	<0.8	<0.5	<1	5.7	45	108
B-172	11/05/01	0-0.5	(u)	---	---	---	6.3	---	23	---	155	---	---	679	---	---	---	---	---	15	20	3096
(east/west lagoons)		1.8-2.3	(s)	---	---	---	10	---	21	---	---	---	---	796	---	---	---	---	---	---	25	4305
(stepout borings)																						
B-173	11/05/01	0-0.5	(u)	---	---	---	6.3	---	13	---	64	---	---	476	---	---	---	---	---	22	---	3234
(east/west lagoons)		2-2.5	(u)	---	---	---	6.7	---	14	---	---	---	---	373	---	---	---	---	---	---	---	233
(stepout borings)		2.8-3	(s)	---	---	---	5.4	---	12	---	---	---	---	1279	---	---	---	---	---	---	---	2195
B-209	02/12/03	0-0.5	(u)	---	---	---	---	73	---	---	---	---	420	---	4.5	---	6.4	---	---	---	---	---
	Duplicate-3	0-0.5	(u)	---	---	---	---	55	---	---	---	---	244	---	2.5	---	3.1	---	---	---	---	---
(east/west lagoons)		1.2-1.6	(s)	---	---	---	---	70	---	---	---	---	288	---	10	---	4.3	---	---	---	---	---
(stepout borings)																						
B-210	02/12/03	0-0.5	(s)	---	---	---	---	9.4	---	---	---	---	57	---	0.78	---	2.5	---	---	---	---	---
(east/west lagoons)																						
(stepout borings)																						
B-211	02/12/03	0-0.5	(s)	---	---	---	---	70	---	---	---	---	328	---	0.37	---	3.5	---	---	---	---	---
(east/west lagoons)																						
(stepout borings)																						
B-212	02/12/03	0-0.5	(u)	---	---	---	---	31	---	---	---	---	45	---	0.054	---	<0.8	---	---	---	---	---
(east/west lagoons)		0.5-1	(s)	---	---	---	---	3.0	---	---	---	---	6.1	---	<0.05	---	<0.8	---	---	---	---	---
(stepout borings)																						

Table 3. East and West Lagoon Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-213	02/12/03	0-0.5	(u)	---	---	---	---	**88**	---	---	---	---	**733**	---	**94**	---	**43**	---	---	---	---	---
(east/west lagoons)		1.2-1.6	(s)	---	---	---	---	**62**	---	---	---	---	**233**	---	**1.5**	---	**28**	---	---	---	---	---
(stepout borings)																						
B-214	02/12/03	0-0.5	(s)	---	---	---	---	2.6	---	---	---	---	66	---	**2.1**	---	**1.7**	---	---	---	---	---
(east/west lagoons)																						
(stepout borings)																						
B-215	02/12/03	0-0.5	(s)	---	---	---	---	**51**	---	---	---	---	**401**	---	**1.9**	---	<0.8	---	---	---	---	---
(east/west lagoons)																						
(stepout borings)																						
B-216	02/12/03	0-0.5	(s)	---	---	---	---	**15**	---	---	---	---	96	---	**0.46**	---	**0.93**	---	---	---	---	---
(east/west lagoons)																						
(stepout borings)																						
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	
TCEQ RRS2 MSCs [c]																						
SAI-Ind (mg/kg):				490	200	58000	680000	1500	350000	110000	74000	37000	1000	110000	9.6	12000	9200	2800	150	610000	2900	410000
Adjusted GWP-Ind (mg/kg):				60	100	20000	510000	50	1000	61000	13000	2000	150	140000	20	20000	500	5100	20	610000	7200	310000
Adjusted GW (mg/L):				0.6	1	200	1,800	0.5	10	610	130	20	1.5	1400	0.2	200	5	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 - 30 TAC Chapter 335.559(d)(3))
Adjusted GW	Adjusted RRS2 MSC for groundwater (adjusted for saline groundwater)

Table 3. East and West Lagoon Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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

* 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.

Table 4. 01 Landfill Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-9	05/18/93	0-0.5	(u)	---	8.4	---	---	<2.5	---	---	9.8	---	9.3	180	---	6	---	---	---	---	---	48
(01 Landfill - North Side		2-2.5	(u)	---	9.9	---	---	<2.5	---	---	11	---	12	213	---	7.6	---	---	---	---	---	262
		5-5.5	(u)	---	<5.0	---	---	8.7	---	---	1199	---	14	869	---	28	---	---	---	---	---	4802
		6.5-7	(s)	---	<5.0	---	---	52	---	---	841	---	14	1689	---	6.6	---	---	---	---	---	4070
B-10	05/18/93	0-0.5	(u)	---	8.1	---	---	<2.5	---	---	15	---	6.8	126	---	<5.0	---	---	---	---	---	29
(01 Landfill - North Side		2-2.5	(u)	---	<5.0	---	---	<2.5	---	---	11	---	15	295	---	7.3	---	---	---	---	---	25
		6-6.5	(s)	---	<5.0	---	---	93	---	---	22	---	18	456	---	<5.0	---	---	---	---	---	2116
B-11	05/18/93	0-0.5	(u)	---	<5.0	---	---	<2.5	---	---	11	---	9.3	168	---	<5.0	---	---	---	---	---	36
(01 Landfill - North Side		2-2.5	(u)	---	7.9	---	---	<2.5	---	---	9.5	---	19	284	---	7.3	---	---	---	---	---	33
		5.5-6	(u)	---	7.7	---	---	8.1	---	---	14	---	14	384	---	5.5	---	---	---	---	---	298
		8-8.5	(s)	---	30	---	---	9.7	---	---	304	---	936	5455	---	<5.0	---	---	---	---	---	962
B-12	05/18/93	0-0.5	(u)	---	14	---	---	20	---	---	42	---	101	476	---	7	---	---	---	---	---	1758
(01 Landfill - North Side		2-2.5	(u)	---	42	---	---	40	---	---	454	---	394	806	---	14	---	---	---	---	---	3922
		5-5.5	(s)	---	36	---	---	60	---	---	280	---	477	2087	---	14	---	---	---	---	---	9195
B-30	06/09/93	0-0.5	(u)	---	5.7	---	---	44	---	---	183	---	331	757	---	16	---	---	---	---	---	2128
(01 Landfill - East Side)		2-2.5	(u)	---	8.1	---	---	47	---	---	120	---	431	698	---	6.1	---	---	---	---	---	2287
		5.5-6	(u)	---	11	---	---	22	---	---	77	---	220	561	---	6.1	---	---	---	---	---	1550
		6.5-7	(s)	---	25	---	---	42	---	---	137	---	276	521	---	6.6	---	---	---	---	---	1864
B-31	06/09/93	0-0.5	(u)	---	7.6	---	---	23	---	---	111	---	213	1023	---	14	---	---	---	---	---	1392
(01 Landfill - East Side)		2-2.5	(u)	---	12	---	---	15	---	---	185	---	261	665	---	<5.0	---	---	---	---	---	1357
		4.5-5	(s)	---	6.4	---	---	24	---	---	59	---	319	2450	---	<5.0	---	---	---	---	---	24245
B-32	06/09/93	0-0.5	(u)	---	<5.0	---	---	83	---	---	94	---	60	9305	---	29	---	---	---	---	---	14990
(01 Landfill - East Side)		2-2.5	(u)	---	<5.0	---	---	24	---	---	55	---	72	1336	---	6.1	---	---	---	---	---	3452
		5.5-6	(u)	---	5.1	---	---	6	---	---	19	---	22	303	---	15	---	---	---	---	---	422
		6-6.5	(s)	---	<5.0	---	---	4.1	---	---	15	---	13	380	---	6.1	---	---	---	---	---	598
B-140	06/29/00	0-0.5	(u)	6	---	210	<4	38	15	6	---	<0.04	---	---	2.6	---	3	2	<4	12	17	---
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	*<0.05*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	9	30	248	<4	28	61	22	266	<0.04	371	---	2.2	---	3	2	<10	31	13	7989
	(SPLP)	*2-2.5*	*(u)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	---	---	---	---	---	---	---	---	*0.19*
		5-5.5	(s)	87	253	603	10	42	32	16	2350	<0.04	4212	10990	1.3	---	31	21	<10	516	16	74690
	(SPLP)	*5-5.5*	*(s)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	*0.47*	---	---	---	---	---	---	---	*0.27*

Table 4. 01 Landfill Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-141	06/29/00	0-0.5	(u)	3	---	156	<4	---	16	5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<1	<5	12	---
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	---	623	<4	---	15	6	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<2	<5	25	---
	(SPLP)	*2-2.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		5-5.6	(u)	3	---	234	<4	2	11	<5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<2	<5	20	---
	(SPLP)	*5-5.6*	*(u)*	---	---	---	---	*<0.05*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8-8.5	(s)	2	9	86	<4	16	24	11	195	<0.04	12	787	0.068	---	<0.8	<0.5	<4	<5	6	---
	(SPLP)	*8-8.5*	*(s)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	*2.0*	---	---	---	---	---	---	---	---
B-142	06/29/00	0-0.5	(u)	2	---	151	<4	---	10	<5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	8	<5	10	---
	(SPLP)	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	---	229	<4	---	16	7	---	<0.04	---	---	<0.05	---	<0.8	<0.5	2	<5	28	---
	(SPLP)	2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		6-6.5	(s)	10	---	181	<4	97	21	10	---	0.08	---	---	0.74	---	11	11	<40	38	6	---
	(SPLP)	6-6.5	(s)	---	---	---	---	*0.15*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-143	06/29/00	0-0.5	(u)	28	---	480	6	---	48	46	---	0.3	---	---	1.9	---	6	35	<20	50	7	---
	Duplicate 39	0-0.5	(u)	15	56	241	5	447	23	53	626	0.13	1070	14270	0.31	41	1	15	<1	42	9	44310
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	<5	181	<4	---	25	6	---	<0.04	---	---	0.052	---	<0.8	<0.5	<1	<5	21	---
	(SPLP)	*2-2.5*	*(u)*	---	*<0.10*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		5-5.5	(u)	3	---	117	<4	9	18	7	20	<0.04	---	---	0.28	---	<0.8	<0.5	<15	<5	14	1400
	(SPLP)	*5-5.5*	*(u)*	---	---	---	---	*<0.05*	---	---	*<0.10*	---	---	---	---	---	---	---	---	---	---	*0.16*
		6-6.5	(s)	3	---	58	<4	209	19	38	14	<0.04	---	15240	0.2	---	4	4	<5	<5	8	34500
	(SPLP)	*6-6.5*	*(s)*	---	---	---	---	*0.062*	---	---	*<0.10*	---	---	*28*	---	---	---	---	---	---	---	*19.0*
B-144	07/11/00	0-0.5	(u)	1	7	303	<4	4	16	8	23	<0.04	55	472	0.072	12	<0.8	<0.5	<5	<5	29	519
(O1 landfill)		2-2.5	(u)	1	5	289	<4	2	13	<5	21	<0.04	53	286	<0.05	9	<0.8	1	<1	<5	25	159
(stepout borings)		5.2-6	(s)	1	<5	211	<4	3	16	5	20	<0.04	23	180	<0.05	13	<0.8	<0.5	4	<5	36	203
	Duplicate 46	5.2-6	(u)	1	6	309	<4	4	15	6	34	<0.04	29	205	<0.05	12	<0.8	<0.5	2	<5	34	323
B-145	07/11/00	0-0.5	(u)	1	---	---	---	---	15	---	---	---	---	357	---	---	---	---	<5	---	---	654
(O1 landfill)		2-2.5	(u)	1	---	---	---	---	---	---	43	---	---	---	---	---	---	4	---	---	---	508
(stepout borings)		5.2-6	(s)	3	---	---	---	---	15	---	351	---	---	---	---	---	---	---	<5	---	15	7965
B-146	07/11/00	0-0.5	(u)	1	---	---	---	---	12	---	---	---	---	349	---	---	---	---	<1	---	---	394
(O1 landfill)		2-2.5	(u)	1	---	---	---	---	---	---	83	---	---	---	---	---	---	9	---	---	---	2030
(stepout borings)		5.2-6	(s)	1	---	---	---	---	15	---	57	---	---	---	---	---	---	---	<5	---	---	1010

Table 4. 01 Landfill Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-147	07/11/00	0-0.5	(u)	1	14	198	<4	10	21	6	174	<0.04	94	664	0.22	11	1	2	<5	<5	24	754
(O1 landfill)		2-2.5	(u)	1	12	292	<4	17	17	5	103	<0.04	292	569	2	12	10	2	<5	75	19	1230
(stepout borings)		3.7-4	(s)	4	33	148	<4	78	11	<5	362	<0.04	831	549	363	10	641	46	<5	5	12	9900
B-148	07/11/00	0-0.5	(u)	<0.8	---	---	---	---	13	---	42	---	---	510	0.41[a]	---	<0.8	1	<5	---	---	337
(O1 landfill)		2-2.5	(u)	2	24	---	---	69	13	---	218	---	219	1270	13[a]	---	18	4	<5	8	---	4594
(stepout borings)		5-5.5	(s)	<0.8	11	---	---	18	---	---	50	---	105	---	34[a]	---	35	3	<5	---	---	3000
B-149	07/11/00	0-0.5	(u)	---	---	---	---	---	---	---	42	---	---	351	0.096[a]	---	---	2	<5	---	---	326
(O1 landfill)		2-2.5	(u)	<0.8	5	---	---	10	---	---	14	---	23	216	0.64[a]	---	2	<0.5	<5	<5	---	272
(stepout borings)		5-5.5	(s)	---	<5	---	---	2	---	---	10	---	11	---	0.37[a]	---	<0.8	<0.5	<1	---	---	76
B-150	11/05/01	0-0.5	(u)	<0.8	<5.0	87	<4.0	6.6	7.6	<5.0	20	<0.05	19	195	0.07	6.4	<0.8	<0.5	<1	<5.0	14	268
Duplicate B-150		0-0.5	(u)	<0.8	7	192	4	23	11	7.5	50	0.08	51	368	0.41	9.4	0.89	0.7	<1	6	17	909
(O1 landfill)		2-2.5	(u)	<0.8	5.9	236	6.9	28	18	12	29	<0.05	38	951	0.8	15	<0.8	<0.5	<1	5.5	35	791
(stepout borings)		2.5-3	(s)	3.1	39	753	12	443	13	92	386	0.18	1390	9498	56	45	28	17	<1	11	21	23820
B-151	11/05/01	0-0.5	(u)	---	---	---	---	87	---	---	153	---	---	---	1.6	---	---	4.7	---	---	---	4341
(O1 landfill)		1.5-2	(s)	0.91	48	526	10	281	23	76	612	---	531	2176	5.1	39	4.3	15	---	34	---	12140
(stepout borings)																						
B-152	11/05/01	0-0.5	(u)	---	---	---	---	171	---	---	464	---	---	---	0.25	---	---	20	---	---	---	27200
(O1 landfill)		1.5-2	(s)	<0.8	<5.0	---	<4.0	1.5	12	<5.0	8.8	---	18	225	<0.05	8	<0.8	<0.5	---	5.5	---	192
(stepout borings)																						
B-153	07/10/00	0-0.5	(u)	0.9	<5	625	<4	7	9	<5	15	<0.04	11	259	<0.05	6	1.1	0.6	<1	<5	18	184
(O1 landfill)		2-2.5	(u)	3.3	26	293	<4	39	13	6	245	<0.04	283	803	1.5	10	2.6	2.8	<5	7	24	3126
(stepout borings)		5.5-6	(s)	11.6	82	313	<4	253	18	66	2584	0.11	1040	7285	23	56	2.9	9.2	<5	29	21	17320
Duplicate 42		5.5-6	(s)	32	165	280	6	153	31	51	5872	0.17	1570	5084	7.5	68	7	11	<1	45	14	19580
B-154	07/10/00	0-0.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	2.7	3.5	---	---	---	618
(O1 landfill)		2-2.5	(u)	3.1	12	---	---	13	---	---	163	---	411	562	2.3	---	23.5	3.3	<5	---	---	2470
(stepout borings)		4.7-5.5	(s)	95.9	86	---	<4	15	30	8	796	---	2920	4915	7.5	10	11.3	7.6	<5	526	---	34140
B-155	07/10/00	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	3.2	3.1	---	---	---	4350
(O1 landfill)		2-2.5	(u)	<0.8	11	---	---	4	---	---	323	---	1890	705	8.7	---	50.2	4.5	2	---	---	382
(stepout borings)		3-3.5	(s)	<1.5	<5	---	---	1	---	---	12	---	28	134	0.16	---	1.2	<0.5	8	<5	---	300

Table 4. 01 Landfill Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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-217	02/11/03	0-0.5	(u)	1.2	---	---	---	23	14	---	91	---	---	702	10	---	1.6	2.0	---	6.7	---	---
(O1 landfill)		2-2.5	(u)	0.83	18	---	---	28	13	8.0	83	---	118	511	0.4	---	2.9	2.1	<1	<5	---	---
(stepout borings)		3-3.5	(s)	14	23	---	---	177	12	28	453	---	524	2827	0.28	---	0.9	2.0	4	78	---	---
B-218	02/11/03	0-0.5	(s)	4.3	14	---	---	94	---	41	252	---	303	3818	0.21	---	0.92	0.8	2	9.1	---	---
(O1 landfill)																						
(stepout borings)																						
B-219	02/11/03	0-0.5	(u)	<0.8	6.9	---	---	<1	13	5.6	5.9	---	13	367	---	---	---	---	---	---	---	---
	Duplicate-2	0-0.5	(u)	<0.8	<5	---	---	<1	13	5.6	9.9	---	10	333	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	<0.8	<5	---	---	<1	14	5.7	7.0	---	11	325	---	---	---	---	---	---	---	---
(stepout borings)		4-4.5	(s)	<0.8	12	---	---	130	12	9.2	1176	---	11	6203	---	---	---	---	---	---	---	---
B-220	02/11/03	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	384	---	---	---	---	---	---	---	---
(O1 landfill)		4.5-5	(s)	---	<5	---	---	82	---	---	315	---	---	7863	---	---	---	---	---	---	---	---
(stepout borings)																						
B-221	02/11/03	0-0.5	(u)	1.1	---	---	---	21	16	---	205	---	---	---	0.38	---	<0.8	<0.5	<1	5.2	---	---
(O1 landfill)		2-2.5	(u)	1.5	---	---	---	<1	17	---	8.7	---	---	---	<0.05	---	<0.8	<0.5	<1	<5	---	---
(stepout borings)		4.7-5	(s)	1.4	---	---	---	327	10	---	260	---	---	---	0.17	---	<0.8	2.6	<1	6.1	---	---
B-222	02/11/03	0-0.5	(u)	2.9	---	---	---	26	32	---	522	---	---	---	<0.05	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	<0.8	---	---	---	---	40	---	---	---	---	---	<0.05	---	---	---	---	---	---	---
(stepout borings)		4.7-5	(s)	0.84	---	---	---	181	---	---	80	---	---	---	2.3	---	---	0.58	---	---	---	---
B-223	02/11/03	0-0.5	(u)	24	553	---	<10	343	27	53	9588	<0.1	5184	37520	1.1	49	1.0	37	---	215	---	---
(O1 landfill)		0.9-1.2	(s)	82	4443	---	<50	364	18	65	53520	0.26	9904	11320	0.56	82	23	30	---	130	---	---
(stepout borings)																						
B-224	02/11/03	0-0.4	(u)	3.0	23	---	<4	30	31	9.0	471	<0.1	370	1941	0.28	17	<0.8	1.6	---	14	---	---
(O1 landfill)		0.4-0.9	(s)	0.84	11	---	<4	26	19	6.7	131	<0.1	57	353	0.28	12	<0.8	<0.5	---	<5	---	---
(stepout borings)																						
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	

Table 4. 01 Landfill Area Soil Boring Analytical Results Summary (mg/kg), Updated April 2003, 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
TCEQ RRS2 MSCs [c]																						
SAI-Ind (mg/kg):				490	200	58000	680000	1500	350000	110000	74000	37000	1000	110000	9.6	12000	9200	2800	150	610000	2900	410000
Adjusted GWP-Ind (mg/kg):				60	100	20000	510000	50	1000	61000	13000	2000	150	140000	20	20000	500	5100	20	610000	7200	310000
Adjusted GW (mg/L):				0.6	1	200	1,800	0.5	10	610	130	20	1.5	1400	0.2	200	5	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 - 30 TAC Chapter 335.559(d)(3))
Adjusted GW Adjusted RRS2 MSC for groundwater (adjusted for saline groundwater)
* 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.

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
Background Soil Borings																							
B-1	11/23/92	0-0.5	---	1.9	11.6	170	---	44.1	14.7	6.4	72	---	211	561	0.22	13.4	0.97	2.3	0.11	<12	11	354.1	---
		2-2.5	---	---	3.89	---	---	3.4	---	---	11.1	---	35	247.1	---	20.5	---	---	---	---	---	45	---
		7-8	---	---	17.24	---	---	3.1	---	---	9.6	---	29	242.8	---	19.8	---	---	---	---	---	44.7	---
		11-12	---	---	6.15	---	---	2	---	---	5.5	---	15	234.9	---	8.2	---	---	---	---	---	24	---
B-2	11/23/92	0-0.5	---	1.09	12.19	40	---	66.1	12.6	3.8	74.6	---	278	378.2	0.24	7.5	1.58	1.3	0.05	6	25	354.4	---
		2-2.5	---	---	4.8	---	---	1.3	---	---	12.1	---	18	187.5	---	11.4	---	---	---	---	---	35.7	---
		7-8	---	---	4.51	---	---	2.4	---	---	8.6	---	23	379.9	---	14.5	---	---	---	---	---	37.3	---
		11-12	---	---	4.86	---	---	1.5	---	---	10.1	---	18	322	---	13.4	---	---	---	---	---	40.8	---
B2-R*	09/24/94	0-0.5	---	---	<5	---	---	45	---	---	38	---	94	198	---	11	---	---	---	---	---	1,490	---
B-3	11/24/92	0-0.5	---	0.98	11.21	190	---	6.5	13.2	6.9	27.1	---	87	390.1	0.01	14.9	0.8	0.8	0.05	6	15	342.9	---
		2-2.5	---	---	3.13	---	---	1.5	---	---	8.8	---	16	253.5	---	6.6	---	---	---	---	---	29.2	---
		7-8	---	---	5.86	---	---	1.5	---	---	9	---	24	405.2	---	13.8	---	---	---	---	---	64.5	---
		10-11	---	---	3.54	---	---	1.3	---	---	3.3	---	7	279.5	---	6.2	---	---	---	---	---	17	---
B-4	11/24/92	0-0.5	---	1.08	35.54	240	---	25.7	18	6.8	110	---	866	689.3	0.48	13.7	1.49	3.9	0.28	98	19	355.6	---
		2-2.5	---	---	4.88	---	---	2	---	---	10.4	---	39	273.7	---	15.2	---	---	---	---	---	59.6	---
		7-8	---	---	8.49	---	---	3.1	---	---	9.2	---	17	267.7	---	14.5	---	---	---	---	---	65.6	---
		10-11	---	---	5.26	---	---	1.9	---	---	6.3	---	10	233.5	---	10.2	---	---	---	---	---	22.8	---
B4-R*	09/24/94	0-0.5	---	---	<5	---	---	34	---	---	111	---	274	470	---	9	---	---	---	---	---	6,690	---
B-5	11/25/92	0-0.5	---	2.45	21.77	160	---	39.3	17.8	5.6	99.2	---	391	613.5	0.87	16.9	4.45	5.5	0.05	19	9	357.1	---
		2-2.5	---	---	4.39	---	---	1.6	---	---	4.6	---	12	161.9	---	4.9	---	---	---	---	---	16.3	---
		7-8	---	---	5.22	---	---	0.26	---	---	3.7	---	16	177.6	---	8.1	---	---	---	---	---	38.2	---
		13-14	---	---	3.14	---	---	2.4	---	---	2.3	---	9	33.3	---	2.1	---	---	---	---	---	122.4	---
B5-R*	09/24/94	0-0.5	---	---	<5	---	---	<5	---	---	10	---	19	158	---	<5	---	---	---	---	---	623	---
B-6	11/25/92	0-0.5	---	1.6	3.48	260	---	6.3	13.6	5.1	12.9	---	54	193.4	0.01	20.8	1.89	4.7	0.23	6	20	228.5	---
		2-2.5	---	---	5.41	---	---	1	---	---	6.7	---	10	153.6	---	8.9	---	---	---	---	---	20.1	---
		9-10	---	---	3.31	---	---	1.8	---	---	3.9	---	9	183.2	---	3	---	---	---	---	---	12.6	---
B-7	11/25/92	0-0.5	---	0.78	8.61	100	---	3.8	10.8	3.9	19	---	75	220.4	0.06	8.3	0.63	0.7	0.18	6	11	286.2	---
		2-2.5	---	---	1.66	---	---	0.49	---	---	5.9	---	19	177.5	---	9	---	---	---	---	---	26.9	---
		5-6	---	---	2.68	---	---	2	---	---	4.6	---	15	138.2	---	4.4	---	---	---	---	---	8.4	---
B-8	11/25/92	0-0.5	---	0.15	10.59	120	---	2.9	11.6	4.1	13.9	---	47	222.5	0.12	12.9	1.17	1.6	0.15	6	14	191.3	---
		2-2.5	---	---	2.4	---	---	0.5	---	---	5.5	---	16	144.8	---	13	---	---	---	---	---	14.2	---
		12-13	---	---	1.84	---	---	1.3	---	---	1.9	---	20	88.8	---	5.1	---	---	---	---	---	6.1	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
RS-5	7/22/96	0-0.5	u	0.62	6.4	96.4	---	8.3	5.1	5.3	36	<0.25	10.1	236	<0.1	2.6	<0.5	0.49	1.1	5.1	4.4	2,280	---
RS-6	7/22/96	0-0.5	u	0.67	4.8	76.6	---	4.6	4.7	3.1	20.4	<0.25	66.8	286	<0.1	2.3	0.54	0.33	<1	4	3.7	1,480	---
RS-9	7/22/96	0-0.5	u	<0.5	11.9	86.2	---	5.8	2.9	2.6	14	<0.25	43.6	200	<0.1	2.7	0.73	<0.2	<1	3	4.6	1,820	---
RS-10	7/22/96	0-0.5	u	<0.5	8.4	100	---	1.5	3.7	3.6	13.5	<0.25	31.8	174	<0.1	3.9	<0.5	<0.2	<1	2.2	5.2	270	---
RS-11	7/22/96	0-0.5	u	<0.5	5.1	122	---	1.5	5	6.3	17	<0.25	39.6	185	<0.1	4.4	<0.5	0.23	<1	3.4	7	296	---
RS-12	7/22/96	0-0.5	u	<0.5	2.4	90	---	0.58	1.8	2.4	11.6	<0.25	12	137	<0.1	4.2	0.51	<0.2	<1	<2	4.7	58.1	---
B-174	01/15/01	2.5-3.5	u	<0.8	---	245	---	---	7.8	---	---	---	---	---	---	---	---	<0.5	<1	---	17	---	---
		6-7	u	<0.8	---	87	---	---	11	---	---	---	---	---	---	---	---	<0.5	<1	---	7.7	---	---
B-175	01/15/01	3-4	u	<0.8	---	132	---	---	7.5	---	---	---	---	---	---	---	---	<0.5	<1	---	16	---	---
		6-7	u	<0.8	---	134	---	---	6.4	---	---	---	---	---	---	---	---	<0.5	<1	---	9.3	---	---
B-176	01/15/01	2.5-3.5	u	<0.8	---	307	---	---	10	---	---	---	---	---	---	---	---	<0.5	<1	---	16	---	---
		5-6	u	<0.8	---	81	---	---	17	---	---	---	---	---	---	---	---	<0.5	<1	---	9.9	---	---
B-177	01/15/01	2.5-3.5	u	<0.8	---	639	---	---	9.4	---	---	---	---	---	---	---	---	<0.5	<1	---	25	---	---
		5-6	u	<0.8	---	57	---	---	14	---	---	---	---	---	---	---	---	<0.5	<1	---	12	---	---
B-178	01/15/01	2.5-3.5	u	<0.8	---	241	---	---	11	---	---	---	---	---	---	---	---	<0.5	<1	---	28	---	---
		5-6	u	<0.8	---	45	---	---	19	---	---	---	---	---	---	---	---	<0.5	<1	---	7.4	---	---
B-179	01/15/01	2.5-3.5	u	<0.8	---	504	---	---	9.5	---	---	---	---	---	---	---	---	<0.5	<1	---	16	---	---
		7-8	u	<0.8	---	43	---	---	22	---	---	---	---	---	---	---	---	<0.5	<1	---	7.4	---	---
Soil Borings																							
B-30	06/09/93	0-0.5	(u)	---	5.7	---	---	**44**	---	---	**183**	---	**331**	**757**	---	16	---	---	---	---	---	2128	7.9
(01 Landfill - East Side)		2-2.5	(u)	---	**8.1**	---	---	**47**	---	---	**120**	---	**431**	**698**	---	6.1	---	---	---	---	---	2287	7.9
		5.5-6	(u)	---	11	---	---	**22**	---	---	77	---	**220**	561	---	6.1	---	---	---	---	---	1550	8.1
		6.5-7	(s)	---	**25**	---	---	**42**	---	---	**137**	---	**276**	521	---	6.6	---	---	---	---	---	1864	8.2
B-31	06/09/93	0-0.5	(u)	---	7.6	---	---	**23**	---	---	**111**	---	**213**	**1023**	---	14	---	---	---	---	---	1392	8.1
(01 Landfill - East Side)		2-2.5	(u)	---	**12**	---	---	**15**	---	---	**185**	---	**261**	**665**	---	<5.0	---	---	---	---	---	1357	7.9
		4.5-5	(s)	---	6.4	---	---	**24**	---	---	**59**	---	**319**	**2450**	---	<5.0	---	---	---	---	---	24245	7.6

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-32	06/09/93	0-0.5	(u)	---	<5.0	---	---	**83**	---	---	**94**	---	60	**9305**	---	**29**	---	---	---	---	---	14990	7.5
(01 Landfill - East Side)		2-2.5	(u)	---	<5.0	---	---	**24**	---	---	**55**	---	**72**	**1336**	---	6.1	---	---	---	---	---	3452	8.3
		5.5-6	(u)	---	5.1	---	---	**6**	---	---	**19**	---	22	303	---	15	---	---	---	---	---	422	8.7
		6-6.5	(s)	---	<5.0	---	---	**4.1**	---	---	15	---	13	380	---	6.1	---	---	---	---	---	598	8.5
B-9	05/18/93	0-0.5	(u)	---	8.4	---	---	<2.5	---	---	9.8	---	9.3	180	---	6	---	---	---	---	---	48	---
(01 Landfill - North Side		2-2.5	(u)	---	**9.9**	---	---	<2.5	---	---	11	---	12	213	---	7.6	---	---	---	---	---	262	---
		5-5.5	(u)	---	<5.0	---	---	**8.7**	---	---	**1199**	---	14	**869**	---	28	---	---	---	---	---	4802	---
		6.5-7	(s)	---	<5.0	---	---	**52**	---	---	**841**	---	14	**1689**	---	6.6	---	---	---	---	---	4070	---
B-10	05/18/93	0-0.5	(u)	---	8.1	---	---	<2.5	---	---	15	---	6.8	126	---	<5.0	---	---	---	---	---	29	---
(01 Landfill - North Side		2-2.5	(u)	---	<5.0	---	---	<2.5	---	---	11	---	15	295	---	7.3	---	---	---	---	---	25	---
		6-6.5	(s)	---	<5.0	---	---	**93**	---	---	**22**	---	18	456	---	<5.0	---	---	---	---	---	2116	---
																							---
B-11	05/18/93	0-0.5	(u)	---	<5.0	---	---	<2.5	---	---	11	---	9.3	168	---	<5.0	---	---	---	---	---	36	7.9
(01 Landfill - North Side		2-2.5	(u)	---	7.9	---	---	<2.5	---	---	9.5	---	19	284	---	7.3	---	---	---	---	---	33	8
		5.5-6	(u)	---	7.7	---	---	**8.1**	---	---	14	---	14	384	---	5.5	---	---	---	---	---	298	---
		8-8.5	(s)	---	**30**	---	---	**9.7**	---	---	**304**	---	**936**	**5455**	---	<5.0	---	---	---	---	---	962	---
B-12	05/18/93	0-0.5	(u)	---	14	---	---	**20**	---	---	**42**	---	101	**476**	---	7	---	---	---	---	---	1758	---
(01 Landfill - North Side		2-2.5	(u)	---	**42**	---	---	**40**	---	---	**454**	---	**394**	**806**	---	14	---	---	---	---	---	3922	---
		5-5.5	(s)	---	**36**	---	---	**60**	---	---	**280**	---	**477**	**2087**	---	14	---	---	---	---	---	9195	---
B-13	05/18/93	0-0.5	(u)	---	**24**	---	---	**39**	---	---	**168**	---	**200**	**909**	---	9.6	---	---	---	---	---	4486	---
(West Lagoon)		2-2.5	(u)	---	**28**	---	---	**26**	---	---	**202**	---	**267**	**635**	---	6.8	---	---	---	---	---	3190	---
		5.5-6	(u)	---	<5.0	---	---	<2.5	---	---	14	---	13	310	---	9.2	---	---	---	---	---	167	---
		6-6.5	(s)	---	<5.0	---	---	**4.5**	---	---	**37**	---	24	135	---	13	---	---	---	---	---	450	---
B-14	05/09/93	0-0.5	(u)	---	**26**	---	---	**65**	---	---	**266**	---	**740**	**530**	---	**30**	---	---	---	---	---	4736	8.3
(West Lagoon)		2.0-2.5	(u)	---	**24**	---	---	**4.7**	---	---	**115**	---	45	**642**	---	11	---	---	---	---	---	532	7.8
		4.5-5	(s)	---	7.7	---	---	**16**	---	---	30	---	**68**	447	---	7.2	---	---	---	---	---	1198	---
B-15	05/09/93	0-0.5	(u)	---	**31**	---	---	**77**	---	---	**246**	---	**359**	**373**	---	7.4	---	---	---	---	---	7720	---
(West Lagoon)		2-2.5	(u)	---	**58**	---	---	**13**	---	---	**740**	---	**148**	**441**	---	17	---	---	---	---	---	1180	---
		6-6.5	(s)	---	5.3	---	---	<2.5	---	---	13	---	15	66	---	<5	---	---	---	---	---	147	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-16	05/19/93	0-0.5	(u)	---	**25**	---	---	**48**	---	---	**154**	---	**273**	**452**	---	7	---	---	---	---	---	3008	---
(West Lagoon)		2-2.5	(u)	---	**14**	---	---	**10**	---	---	**87**	---	**94**	332	---	9.3	---	---	---	---	---	1139	---
		4-4.5	(s)	---	<5	---	---	**14**	---	---	**84**	---	**74**	98	---	8.5	---	---	---	---	---	1184	---
B-17	05/19/93	0-0.5	(u)	---	**21**	---	---	**31**	---	---	**131**	---	**235**	**470**	---	8.4	---	---	---	---	---	3196	8
(West Lagoon)		2-2.5	(u)	---	**13**	---	---	**15**	---	---	**260**	---	**66**	**464**	---	13	---	---	---	---	---	974	7.8
		4-4.5	(s)	---	7.6	---	---	**7.7**	---	---	**74**	---	**58**	174	---	<5	---	---	---	---	---	1429	---
B-24	06/08/93	0-0.5	(u)	---	<5	---	---	3.1	---	---	18	---	17	207	---	7.5	---	---	---	---	---	113	7.8
(East Lagoon)		2.0-2.5	(u)	---	<5	---	---	<2.5	---	---	11	---	16	**401**	---	11	---	---	---	---	---	430	7.9
		4-4.5	(s)	---	<5	---	---	<2.5	---	---	13	---	16	57	---	5.2	---	---	---	---	---	183	8.1
B-25	06/08/93	0-0.5	(u)	---	**30**	---	---	**163**	---	---	**276**	---	**734**	**469**	---	15	---	---	---	---	---	7380	7.6
(East Lagoon)		2-2.5	(u)	---	<5	---	---	4.4	---	---	16	---	26	**536**	---	11	---	---	---	---	---	338	8
		2.5-3	(s)	---	<5	---	---	<2.5	---	---	5.8	---	<5	26	---	<5	---	---	---	---	---	44	8.2
B-26	06/08/93	0-0.5	(u)	---	**41**	---	---	**235**	---	---	**249**	---	**979**	**506**	---	20	---	---	---	---	---	9265	7.7
(East Lagoon)		1.5-2	(u)	---	**13**	---	---	**21**	---	---	**106**	---	**293**	**427**	---	6.9	---	---	---	---	---	4694	8.2
		2-2.5	(s)	---	<5	---	---	<2.5	---	---	15	---	15	154	---	11	---	---	---	---	---	107	8.5
B-27	06/08/93	0-0.5	(u)	---	9.2	---	---	**28**	---	---	**49**	---	**144**	178	---	6.6	---	---	---	---	---	1140	7.9
(East Lagoon)		2-2.5	(u)	---	<5	---	---	<2.5	---	---	11	---	15	324	---	11	---	---	---	---	---	137	8.1
		3.5-4	(s)	---	<5	---	---	<2.5	---	---	7.4	---	8.4	62	---	5.1	---	---	---	---	---	56	8.4
B-28	06/08/93	0-0.5	(u)	---	15	---	---	**42**	---	---	**67**	---	**367**	267	---	6.6	---	---	---	---	---	2352	7.8
(East Lagoon)		2-2.5	(u)	---	<5	---	---	3.4	---	---	**29**	---	**93**	331	---	10	---	---	---	---	---	658	8
		2.5-3	(s)	---	<5	---	---	<2.5	---	---	5.6	---	<5	39	---	5.4	---	---	---	---	---	36	8.2
B-29	06/08/93	0-0.5	(u)	---	**20**	---	---	**83**	---	---	**153**	---	**603**	**346**	---	21	---	---	---	---	---	4033	7.8
(East Lagoon)		0.5-1	(u)	---	<5	---	---	<2.5	---	---	14	---	23	342	---	9.7	---	---	---	---	---	169	7.9
		1-1.5	(s)	---	<5	---	---	<2.5	---	---	6.4	---	5.7	40	---	<5	---	---	---	---	---	109	8.1
B-18	05/20/93	0-0.5	(u)	---	16	---	---	**57**	---	---	29	---	45	**341**	---	11	---	---	---	---	---	2798	---
(Waste Pile)		2-2.5	(u)	---	**12**	---	---	2.6	---	---	8.7	---	11	259	---	9.7	---	---	---	---	---	163	---
		5.5-6	(u)	---	11	---	---	<2.5	---	---	8	---	8.4	374	---	9.1	---	---	---	---	---	58	---
		9-9.5	(u)	---	11	---	---	<2.5	---	---	13	---	11	359	---	12	---	---	---	---	---	67	---
		12.5-13	(u)	---	9.1	---	---	<2.5	---	---	8.6	---	11	476	---	8.8	---	---	---	---	---	51	---
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	15	---	11	485	---	12	---	---	---	---	---	63	---
		20-20.5	(u)	---	15	---	---	<2.5	---	---	13	---	12	246	---	13	---	---	---	---	---	60	---
		21.5-22	(s)	---	9.2	---	---	<2.5	---	---	<5	---	6	138	---	<5	---	---	---	---	---	31	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-19	05/20/93	0-0.5	(u)	---	16	---	---	**41**	---	---	20	---	53	316	---	8.6	---	---	---	---	---	2367	7.6
(Waste Pile)		2-2.5	(u)	---	**12**	---	---	<2.5	---	---	8.5	---	8.6	343	---	10	---	---	---	---	---	68	---
		5.5-6	(u)	---	7.5	---	---	<2.5	---	---	8.7	---	10	290	---	12	---	---	---	---	---	56	---
		9-9.5	(u)	---	10	---	---	<2.5	---	---	6.6	---	11	365	---	11	---	---	---	---	---	53	8.4
		12.5-13	(u)	---	12	---	---	<2.5	---	---	7.8	---	7.9	430	---	12	---	---	---	---	---	50	---
		16-16.5	(u)	---	19	---	---	<2.5	---	---	11	---	12	229	---	13	---	---	---	---	---	95	---
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	12	---	9.5	247	---	11	---	---	---	---	---	58	---
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	6.5	140	---	5.7	---	---	---	---	---	44	---
B-20	05/20/93	0-0.5	(u)	---	**30**	---	---	**226**	---	---	**84**	---	**298**	**636**	---	12	---	---	---	---	---	10340	---
(Waste Pile)		2-2.5	(u)	---	7.4	---	---	<2.5	---	---	14	---	13	302	---	12	---	---	---	---	---	94	---
		5.5-6	(u)	---	10	---	---	<2.5	---	---	7.7	---	10	349	---	10	---	---	---	---	---	75	---
		9-9.5	(u)	---	<5	---	---	<2.5	---	---	8.1	---	7.8	198	---	11	---	---	---	---	---	58	---
		12.5-13	(u)	---	14	---	---	<2.5	---	---	8.4	---	9	464	---	12	---	---	---	---	---	56	---
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	13	---	12	**617**	---	14	---	---	---	---	---	**123**	---
		19-19.5	(u)	---	13	---	---	<2.5	---	---	12	---	11	195	---	12	---	---	---	---	---	92	---
		22-22.5	(s)	---	6	---	---	<2.5	---	---	<5	---	<5	138	---	<5	---	---	---	---	---	22	---
B-21	05/20/93	0-0.5	(u)	---	**115**	---	---	**1113**	---	---	**374**	---	**1504**	**1678**	---	16	---	---	---	---	---	71000	7.7
(Waste Pile)		2-2.5	(u)	---	**8.8**	---	---	**30**	---	---	**19**	---	**68**	276	---	9.7	---	---	---	---	---	1152	---
		5.5-6	(u)	---	12	---	---	<2.5	---	---	9.2	---	12	284	---	8.5	---	---	---	---	---	79	---
		9-9.5	(u)	---	13	---	---	<2.5	---	---	12	---	8.6	307	---	10	---	---	---	---	---	69	8.3
		12.5-13	(u)	---	<5	---	---	<2.5	---	---	11	---	11	169	---	10	---	---	---	---	---	78	---
		16-16.5	(u)	---	<5	---	---	<2.5	---	---	12	---	16	476	---	14	---	---	---	---	---	93	---
		19.5-20	(u)	---	8.3	---	---	<2.5	---	---	10	---	9.1	186	---	12	---	---	---	---	---	55	---
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	5.3	126	---	5.3	---	---	---	---	---	29	---
B-22	05/21/93	0-0.5	(u)	---	8.5	---	---	7	---	---	13	---	22	**463**	---	11	---	---	---	---	---	1596	7.7
(Waste Pile)		2-2.5	(u)	---	**39**	---	---	**203**	---	---	**117**	---	**439**	**586**	---	11	---	---	---	---	---	21600	---
		5.5-6	(u)	---	<5	---	---	3.3	---	---	8.5	---	14	317	---	9.9	---	---	---	---	---	342	---
		9-9.5	(u)	---	7.6	---	---	<2.5	---	---	5.5	---	7.4	245	---	7.9	---	---	---	---	---	52	8.5
		12.5-13	(u)	---	10	---	---	<2.5	---	---	10	---	11	411	---	12	---	---	---	---	---	61	---
		16-16.5	(u)	---	13	---	---	<2.5	---	---	11	---	10	**1331**	---	17	---	---	---	---	---	66	---
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	7.2	---	7.1	153	---	6.3	---	---	---	---	---	29	---
		21-21.5	(s)	---	<5	---	---	<2.5	---	---	<5	---	5.9	151	---	5	---	---	---	---	---	35	---
B-23	05/21/93	0-0.5	(u)	---	7.4	---	---	**13**	---	---	22	---	45	238	---	9.8	---	---	---	---	---	701	---
(Waste Pile)		2-2.5	(u)	---	7.5	---	---	<2.5	---	---	8.2	---	7.1	277	---	9.8	---	---	---	---	---	43	---
		5.5-6	(u)	---	<5	---	---	<2.5	---	---	6.3	---	8.6	285	---	8.8	---	---	---	---	---	41	---
		9-9.5	(u)	---	16	---	---	<2.5	---	---	9	---	**53**	319	---	13	---	---	---	---	---	54	---
		12.5-13	(u)	---	9.1	---	---	<2.5	---	---	9	---	11	361	---	12	---	---	---	---	---	52	---
		16-16.5	(u)	---	6.9	---	---	<2.5	---	---	10	---	10	**862**	---	15	---	---	---	---	---	68	---
		19.5-20	(u)	---	<5	---	---	<2.5	---	---	9.6	---	9.9	186	---	11	---	---	---	---	---	57	---
		23-23.5	(s)	---	<5	---	---	<2.5	---	---	6.1	---	7.3	167	---	7.3	---	---	---	---	---	44	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-33	06/26/00	0-0.5	(u)	2	6	228	<4	166	19	22	10	<0.04	22	1440	<0.05	16	<0.8	1	<1	<5	25	18820	---
	Duplicate 29	0-0.5	(u)	6	19	441	7	263	15	14	77	<0.04	201	1934	<0.05	13	<0.8	3	<1	<5	18	47720	---
		2-2.5	(u)	3	<5	755	<4	2	11	<5	7	---	9	531	---	---	---	<0.5	---	---	29	304	---
	Duplicate 30	2-2.5	(u)	<0.8	<5	701	<4	3	12	6	7	<0.04	9	573	<0.05	9	<0.8	<0.5	<1	<5	31	581	---
(Building C)		5.5	(u)	3	---	304	---	---	---	---	---	---	---	400	---	---	---	---	---	---	---	389	---
		8.5	(u)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28	---
		11.5	(u)	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47	---
		13-14	(s)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	---
B-34	06/26/00	0-0.5	(u)	3	<5	249	<4	426	77	28	490	<0.04	16	1490	0.13	40	<0.8	2	<1	<5	13	16750	---
(Building C)		2-2.5	(u)	2	---	292	---	53	14	6	66	---	---	392	---	10	---	<0.5	---	---	---	1690	---
		5.5	(u)	3	---	---	---	8	---	---	25	---	---	481	<0.05	---	---	---	---	---	---	404	---
		8.5	(u)	2	---	---	---	3	---	---	8	---	---	---	---	---	---	---	---	---	---	99	---
		11.5	(u)	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70	---
		14-14.5	(s)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33	---
B-35	06/13/00	0-0.5	(u)	28	110	665	41	785	235	64	2272	1.2	12260	234	1.5	403	10	31	15	116	23	4283	---
	Duplicate 4	0-0.5	(u)	93	428	418	87	1668	311	272	11060	0.6	42850	276	7.8	1600	24	47	20	317	20	8811	---
		2-2.5	(u)	1	12	---	<4	177	8	9	141	<0.04[a]	272	---	<0.05	12	<0.8	2	<1	<5	---	25570	---
		5.5	(u)	<0.8	7	---	---	17	---	---	13	<0.04[a]	20	---	---	---	---	<0.5	---	---	---	602	---
	Duplicate 50	5.5	(u)	---	---	---	---	---	---	---	---	<0.04[a]	---	---	---	---	---	---	---	---	---	---	---
(Road to west		8.5	(u)	---	---	---	---	39	---	---	---	---	---	---	---	---	---	---	---	---	---	487	---
of building C)		11.5	(u)	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	61	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57	---
		16.5-17	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---
B-36	06/13/00	0-0.5	(u)	2	12	170	<4	31	47	6	126	<0.04	160	235	1.7	26	<0.8	5	2	6	19	2490	---
(Road to west		2-2.5	(u)	1	---	---	---	11	7	---	162	---	74	---	0.3	6	---	1	<1	---	---	1370	---
of building C)		5.5	(u)	<0.8	---	---	---	<1	---	---	6	---	7	---	<0.05	---	---	<0.5	---	---	---	53	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	407	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	132	---
		12.5-13	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86	---
B-37	06/13/00	0-0.5	(u)	11	44	310	4	155	61	16	393	<0.04	985	640	7.2	42	6	14	<1	27	17	18660	---
	(SPLP)	*0-0.5*	*(u)*	*<0.1*	*<0.1*	*0.13*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	---	*<0.1*	*<0.1*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*1.3*	---
(Road to west		2-2.5	(u)	1	6	---	---	13	18	6	35	---	52	330	---	11	<0.8	1	---	<5	---	1700	---
of building C)		5.5	(u)	<0.8	---	---	---	1	10	---	8	---	---	---	<0.05	---	---	<0.5	---	---	---	137	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53	---
		13-14	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-38	06/13/00	0-0.5	(u)	**8**	**43**	222	<4	**100**	**53**	**12**	**405**	<0.04	**1020**	**939**	**0.35**	**32**	**1**	**9**	<1	**19**	24	13540	---
	Duplicate 5	0-0.5	(u)	**20**	**77**	294	**9**	**369**	**38**	**20**	**887**	<0.04	**2170**	**1000**	**0.92**	**38**	**1**	**23**	<1	**46**	11	34130	---
		2-2.5	(u)	<0.8	<5	---	<4	<1	10	<5	12	---	15	233	---	9	<0.8	<0.5	---	<5	---	57	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	1210	---
(Road to west		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	487	---
of building C)		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---
		17.5-18	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---
B-39	06/13/00	0-0.5	(u)	**3**	6	233	<4	3	**24**	7	28	<0.04	60	**371**	**1.1**	16	<0.8	**2**	**1**	**9**	28	1700	---
(Road to west		2-2.5	(u)	<0.8	---	---	---	---	9	---	---	---	---	248	<0.05	---	---	<0.5	---	<5	---	172	---
of building C)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	---
		16-16.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	114	---
B-40	06/13/00	0-0.5	(u)	**96**	**140**	546	**5**	**53**	**40**	**21**	**1050**	<0.04	**2420**	**3786**	**0.26**	**178**	<0.8	**11**	<1	**253**	27	29800	---
	Duplicate 6	0-0.5	(u)	**7**	13	261	<4	**14**	**22**	7	**132**	<0.04	**274**	309	<0.05	**39**	<0.8	**4**	**8**	**22**	23	3195	---
		2-2.5	(u)	**2**	**11**	---	<4	**8**	**17**	**10**	**508**	---	**267**	355	<0.05	**69**	---	**1**	**2**	**21**	---	867	---
		5.5	(u)	**2**	12	---	---	**5**	13	7	**164**	---	**196**	---	---	**40**	---	**1**	**2**	**17**	---	788	---
(Road to west		8.5	(u)	**1**	---	---	---	1	---	---	**54**	---	**70**	---	---	13	---	<0.5	1	**9**	---	395	---
of building C)		11.5	(u)	<0.8	---	---	---	---	---	---	9	---	11	---	---	---	---	---	---	<5	---	93	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9559	---
		17-17.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	944	---
B-41	06/19/00	0-0.5	(u)	**7**	**23**	245	<4	**72**	**75**	**9**	**138**	<0.04	**425**	**504**	**1.4**	**32**	**1**	**6**	<1	**26**	18	8,745	---
	Duplicate 17	0-0.5	(u)	**11**	**36**	245	<4	**120**	**73**	**11**	**208**	<0.04	**492**	**576**	**0.22**	**29**	<0.8	**6**	<1	**35**	30	10,610	---
		2-2.5	(u)	**1**	<5	---	---	2	**18**	<5	6	---	12	190	<0.05	10	<0.8	<0.5	---	<5	---	185	---
(reactor clarifier)		5.5	(u)	**1**	---	---	---	---	**29**	---	---	---	---	---	---	---	---	---	---	---	---	204	---
		8.5	(u)	**2**	---	---	---	---	**24**	---	---	---	---	---	---	---	---	---	---	---	---	1760	---
		11.5	(u)	**2**	---	---	---	---	35	---	---	---	---	---	---	---	---	---	---	---	---	531	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	829	---
		15.5-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	745	---
B-42	06/19/00	0-0.5	(u)	**38**	**129**	341	<4	**93**	**40**	**11**	**433**	0.07	**1,730**	**933**	**1.9**	21	**2**	**13**	<1	**156**	15	15,580	---
	Duplicate 15	0-0.5	(u)	**40**	**61**	149	<4	**89**	**19**	<5	**181**	0.06	**921**	**637**	**2.7**	12	<0.8	**12**	<1	**81**	11	9,184	---
		2-2.5	(u)	**1**	6	---	---	<1	**16**	5	10	---	11	**362**	<0.05	---	<0.8	<0.5	---	<5	---	66	---
(reactor clarifier)		5.5	(u)	**1**	---	---	---	---	**16**	---	---	---	---	302	---	---	---	---	---	---	---	52	---
		8.5	(u)	**2**	---	---	---	---	**16**	---	---	---	---	---	---	---	---	---	---	---	---	106	---
		11.5	(u)	**2**	---	---	---	---	7	---	---	---	---	---	---	---	---	---	---	---	---	21	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	---
		15.5-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-43	06/19/00	0-0.5	(u)	<0.8	<5	449	<4	6	**16**	7	**80**	<0.04	97	155	**0.15**	**27**	**1**	**2**	**2**	5	19	354	---
	Duplicate 16	0-0.5	(u)	<0.8	<5	444	<4	5	**23**	5	**54**	<0.04	32	203	**<0.05**	14	**<0.8**	**1**	**2**	<5	24	320	---
		2-2.5	(u)	---	---	---	---	---	**44**	---	**66**	---	---	---	**0.09**	17	**1**	**1**	**2**	---	---	2260	---
(reactor clarifier)		5.5	(u)	---	---	---	---	---	14	---	7	---	---	---	<0.05	---	<0.8	<0.5	1	---	---	78	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---
		17-17.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	---
B-44	06/15/00	0-0.5	(u)	**5**	**28**	369	<4	**99**	**60**	**60**	**287**	0.16	**431**	**917**	**2.1**	**35**	**5**	**4**	**3**	**36**	20	7725	---
(reactor clarifier)		2-2.5	(u)	**3**	**10**	---	---	**17**	**20**	7	**55**	---	**95**	256	**0.3**	10	**2**	**1**	1	**12**	---	1810	---
		5.5	(u)	**3**	9	---	---	**8**	14	---	**39**	---	77	---	**0.19**	---	<0.8	**1**	---	**12**	---	2280	---
		8.5	(u)	**2**	---	---	---	2	---	---	**18**	---	21	---	<0.05	---	---	<0.5	---	<5	---	433	---
		11.5	(u)	**1**	---	---	---	---	---	---	<5	---	---	---	---	---	---	---	---	---	---	32	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18	---
		15-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	---
B-45	06/15/00	0-0.5	(u)	<0.8	**22**	185	<4	**31**	**204**	**36**	**269**	**0.59**	59	193	**0.3**	**74**	**5**	<0.5	**8**	**8**	27	1588	---
(reactor clarifier)		2-2.5	(u)	---	8	---	---	**36**	**19**	**11**	**37**	<0.04	---	---	**0.11**	**35**	<0.8	---	**8**	<5	---	965	---
		5.5	(u)	---	---	---	---	<1	12	<5	**56**	---	---	---	**1.8**	8	---	---	**4**	---	---	197	---
		8.5	(u)	---	---	---	---	---	---	---	**50**	---	---	---	**0.17**	---	---	---	**3**	---	---	434	---
		11.5	(u)	---	---	---	---	---	---	---	<5	---	---	---	<0.05	---	---	---	1	---	---	186	---
		13-14	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	228	---
B-46	06/22/00	0-0.5	(u)	**3**	<5	165	<4	9	12	<5	10	<0.04	12	258	**0.13**	9	<0.8	<0.5	<1	<5	17	551	---
	Duplicate 25	0-0.5	(u)	**3**	<5	164	<4	**23**	9	<5	11	<0.04	14	272	<0.05	8	<0.8	<0.5	**2**	<5	14	915	---
		2-2.5	(u)	<0.8	---	---	---	**7**	---	---	---	---	---	---	<0.05	---	---	---	1	---	---	55	---
		5.5	(u)	---	---	---	---	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
(former sludge		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	---
drying beds)		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	---
		16-16.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18	---
B-47	06/22/00	0-0.5	(u)	**4**	6	168	<4	**12**	**19**	8	26	<0.04	53	321	<0.05	12	<0.8	<0.5	<1	7	16	1650	---
(former sludge		2-2.5	(u)	<0.8	---	---	---	<1	**15**	---	---	---	---	---	---	---	---	---	---	---	---	41	---
drying beds)		5.5	(u)	---	---	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	35	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35	---
		11.5-12	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-48	06/23/00	0-0.5	(u)	**3**	<5	561	<4	**27**	**25**	6	16	<0.04	20	**361**	<0.05	14	<0.8	**1**	<1	<5	34	1560	---
(former sludge		2-2.5	(u)	**3**	---	---	---	<1	14	---	---	---	---	295	---	---	---	<0.5	---	---	---	88	---
drying beds)		5.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	---
		11.5-12	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	---
B-49	06/15/00	0-0.5	(u)	**2**	**13**	409	<4	**37**	**63**	**34**	**254**	<0.04	**423**	**462**	**0.43**	**42**	<0.8	**2**	1	**23**	30	3715	---
	Duplicate 10	0-0.5	(u)	**5**	**31**	409	<4	**54**	**99**	**24**	**271**	0.14	**722**	**645**	**0.62**	**48**	<0.8	**2**	1	**33**	25	7562	---
(north/south		2-2.5	(u)	**2**	6	---	---	2	**15**	<5	**24**	---	**64**	255	**0.12**[a]	8	---	<0.5	---	**8**	---	775	---
demin tanks)		5.5	(u)	**2**	---	---	---	---	**15**	---	7	---	10	---	<0.05[a]	---	---	---	---	<5	---	54	---
		8.5	(u)	**2**	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	73	---
		11.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	---
		14-14.5	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39	---
B-50	06/15/00	0-0.5	(u)	**3**	**17**	339	<4	**36**	**73**	9	**165**	**2.8**	**424**	**651**	**0.51**	**29**	<0.8	**2**	<1	**32**	29	6892	---
	Duplicate 9	0-0.5	(u)	**3**	**18**	674	<4	**6**	**60**	8	**99**	**2.2**	**301**	**586**	**0.23**	19	<0.8	**1**	**2**	**34**	29	4347	---
(north/south		2-2.5	(u)	**3**	6	---	---	<1	**17**	---	12	<0.04[a]	16	**373**	0.05[a]	13	---	<0.5	**2**	<5	---	160	---
demin tanks)		5.5	(u)	**2**	---	---	---	---	**15**	---	---	<0.04[a]	---	334	<0.05[a]	---	---	---	1	---	---	48	---
		8.5	(u)	**1**	---	---	---	---	11	---	---	<0.04[a]	---	---	---	---	---	---	---	---	---	58	---
		11.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---
		12.5-13	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	486	---
B-51	06/15/00	0-0.5	(u)	**3**	**14**	299	<4	**24**	**165**	**17**	**291**	**2.6**	**675**	**372**	**0.4**	**48**	<0.8	**3**	<1	**22**	16	5798	---
	Duplicate 11	0-0.5	(u)	**3**	**18**	242	<4	**20**	**169**	**12**	**294**	**1.6**	**495**	**447**	**0.16**	**54**	<0.8	**2**	<1	**23**	18	5508	---
(north/south		2-2.5	(u)	**11**	**32**	---	---	**24**	**104**	6	**477**	**4.2**[a]	**647**	**682**	**1.3**[a]	15	---	**3**	---	**54**	---	11940	---
demin tanks)		5.5	(u)	<0.8	6	---	---	<1	**16**	---	13	<0.04[a]	14	344	<0.05[a]	---	---	<0.5	---	<5	---	138	---
		8.5	(u)	---	---	---	---	---	13	---	---	<0.04[a]	---	---	---	---	---	---	---	---	---	57	---
	Duplicate 48	8.5	(u)	---	---	---	---	---	---	---	---	<0.04[a]	---	---	<0.05	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		12.5-13	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327	---
B-52	06/15/00	0-0.5	(u)	<0.8	<5	181	<4	4	**46**	7	23	<0.04	66	312	0.07	25	<0.8	**1**	<1	<5	22	707	---
(north/south		2-2.5	(u)	---	---	---	---	---	13	---	---	---	---	---	---	---	---	<0.5	---	---	---	70	---
demin tanks)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59	---
		14.5-15	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-53	06/22/00	0-0.5	(u)	**7**	9	209	<4	**1214**	**15**	**32**	**52**	0.13	**195**	**721**	**0.22**	13	<0.8	**1**	<1	**20**	17	15810	---
(product storage		2-2.5	(u)	**2**	---	---	---	**1055**	12	6	12	---	13	**430**	<0.05[a]	---	---	<0.5	---	<5	---	15330	---
bins)		5.5	(u)	**1**	---	---	---	**16**	---	---	---	---	---	232	<0.05[a]	---	---	---	---	---	---	172	---
	Duplicate 49	5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	<0.05[a]	---	---	---	---	---	---	---	---
		8.5	(u)	**1**	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	36	---
		11.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29	---
		14.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29	---
		17.5-18	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	---
B-54	06/22/00	0-0.5	(u)	**2**	<5	323	<4	9	10	6	**7**	<0.04	11	**400**	<0.05	9	**1**	<0.5	1	<5	27	134	---
(product storage		2-2.5	(u)	**2**	---	---	---	---	---	---	---	---	---	**401**	---	---	<0.8	---	---	---	---	42	---
bins)		5.5	(u)	**1**	---	---	---	---	---	---	---	---	---	155	---	---	---	---	---	---	---	50	---
		8.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18	---
		14-15	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11	---
B-55		0-0.5	(u)	**1**	<5	224	<4	<1	14	6	9	<0.04	8	**415**	<0.05	9	<0.8	<0.5	<1	<5	21	28	---
(product storage		2-2.5	(u)	**2.2**	---	---	---	---	---	---	---	---	---	**524**	---	---	---	---	---	---	---	---	---
bins)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	232	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-12.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-56	06/28/00	0-0.5	(u)	**1**	<5	211	<4	6	**16**	**36**	10	<0.04	10	**385**	<0.05	11	<0.8	**4**	1	<5	20	215	---
(product storage		2-2.5	(u)	**1**	---	---	---	---	12	7	---	---	---	260	---	---	---	<0.5	---	---	---	95	---
bins)		5.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34	---
		8.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
		11.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33	---
		14-15.5	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
B-57	06/19/00	0-0.5	(u)	<0.8	6	210	<4	<1	11	6	22	<0.04	15	318	0.052	23	<0.8	<0.5	<1	<5	21	56	---
(old casting		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	36	---
building)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	---
		15.6-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-58	06/19/00	0-0.5	(u)	<0.8	5	198	<4	<1	**17**	7	9	<0.04	9	254	<0.05	12	<0.8	<0.5	<1	<5	20	55	---
(old casting		2-2.5	(u)	---	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	46	---
building)		5.5	(u)	---	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	---	34	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	---
		15.7-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	---
B-59	06/19/00	0-0.5	(u)	<0.8	5	221	<4	3	**18**	**11**	12	<0.04	22	309	<0.05	**40**	<0.8	<0.5	<1	<5	16	577	---
(old casting		2-2.5	(u)	---	---	---	---	---	11	6	---	---	---	---	---	10	---	---	---	---	---	48	---
building)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	65	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18	---
		15.5-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	---
B-60	06/19/00	0-0.5	(u)	**1**	10	244	<4	2	**18**	9	**74**	<0.04	27	**464**	**0.11**	14	<0.8	<0.5	**7**	<5	35	407	---
(old casting		2-2.5	(u)	**2**	---	---	---	---	**20**	---	**53**	---	---	238	**0.26**[a]	---	---	---	1	---	---	619	---
building)		5.5	(u)	**1**	---	---	---	---	9	---	6	---	---	---	<0.05[a]	---	---	---	---	---	---	34	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36	---
		10-11	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	---
B-61	06/20/00	0-0.5	(u)	**3**	**61**	87	<4	**48**	**60**	**19**	**232**	<0.04	**317**	149	**18**	**28**	**9**	**4**	<1	7	26	3,288	---
	(SPLP)	*0-0.5*	*(u)*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	*1.5*	*<0.1*	*<0.1*	*<0.1*	---	*<0.1*	*0.58*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*29*	---
(feedtank No.1)		2-2.5	(u)	<0.8	6	596	<4	<1	**20**	6	15	<0.04	13	333	0.05	13	<0.8	<0.5	**2**	<5	24	85	---
		5.5	(u)	<0.8	6	362	<4	<1	9	5	7	<0.04	9	295	<0.05	8	<0.8	<0.5	1	<5	35	44	---
	Duplicate 19	5.5	(u)	<0.8	6	302	<4	<1	**17**	6	14	<0.04	10	313	<0.05	11	<0.8	<0.5	**2**	<5	**39**	70	---
		8.5	(u)	**1**	<5	189	<4	<1	12	6	7	<0.04	9	307	<0.05	8	**1**	<0.5	7	<5	28	42	---
		11.5	(u)	<0.8	<5	58	<4	<1	**49**	8	<5	<0.04	<5	205	<0.05	24	<0.8	<0.5	**3**	<5	8	22	---
		14.5	(u)	<0.8	<5	67	<4	<1	**73**	**12**	<5	<0.04	<5	370	<0.05	**34**	**1**	<0.5	**2**	<5	7	11	---
		15-16	(s)	<0.8	<5	67	<4	<1	**60**	**12**	<5	<0.04	<5	274	<0.05	**28**	**1**	<0.5	1	<5	5	11	---
B-62	06/20/00	0-0.5	(u)	1	<5	---	---	4	**34**	6	8	---	11	---	<0.05	18	<0.8	<0.5	---	---	---	385	---
(feedtank No.1)		2-2.5	(u)	---	---	---	---	---	**15**	---	---	---	---	---	---	---	---	---	**2**	---	---	36	---
		5.5	(u)	---	---	---	---	---	11	---	---	---	---	---	---	---	---	---	**2**	---	34	38	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	<0.8	---	<1	---	---	26	---
		11.5	(u)	---	---	---	---	---	27	---	---	---	---	---	---	---	---	---	<1	---	---	20	---
		14.5	(u)	---	---	---	---	---	26	6	---	---	---	---	---	12	<0.8	---	<1	---	---	8	---
		15-16	(s)	---	---	---	---	---	**54**	**10**	---	---	---	---	---	**26**	**1**	---	---	---	---	8	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-63	06/20/00	0-0.5	(u)	<0.8	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	59	---
(feedtank No.1)		2-2.5	(u)	---	---	---	---	---	14	---	---	---	---	---	---	---	---	---	**2**	---	---	66	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	64	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	---
		15-16	(s)	---	---	---	---	---	**45**	**10**	---	---	---	---	---	21	<0.8	---	---	---	---	6	---
B-64	06/20/00	0-0.5	(u)	<0.8	7	305	<4	**623**	**16**	7	13	<0.04	39	**1725**	<0.05	22	<0.8	0.54	**2**	6	27	9393	---
(feedtank No.1)		2-2.5	(u)	**2**	7	282	<4	**193**	**27**	**30**	**540**	0.08	**60**	**4188**	0.08	**47**	<0.8	**2**	<1	**9**	26	59140	---
	(SPLP)	*2-2.5*	*(u)*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	*1.0*	*<0.1*	*<0.1*	*<0.1*	---	*<0.1*	*0.36*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*16*	---
		5.5	(u)	**1**	<5	203	<4	3	10	<5	11	<0.04	14	**2305**	<0.05	11	<0.8	**1**	<1	<5	25	62460	---
		8.5	(u)	**1**	6	292	<4	<1	**15**	7	9	<0.04	24	415	<0.05	11	<0.8	<0.5	**2**	**10**	**36**	757	---
		11.5	(u)	<0.8	<5	51	<4	**1**	29	7	<5	<0.04	<5	139	<0.05	14	**1**	<0.5	<1	<5	8	671	---
		14.5	(u)	<0.8	<5	51	<4	<1	**62**	**13**	<5	<0.04	<5	283	<0.05	29	**1**	<0.5	<1	<5	6	143	---
		15-15.5	(s)	<0.8	<5	71	<4	<1	**82**	**16**	6	<0.04	<5	176	<0.05	**38**	**1**	**0.52**	<1	<5	5	64	---
B-65	06/20/00	0-0.5	(u)	---	---	---	---	10	**21**	---	---	---	---	**419**	---	---	---	---	**2**	---	---	1110	---
(feedtank No.1)		2-2.5	(u)	**3**	---	---	---	2	**28**	6	**30**	---	**1570**	**386**	---	9	---	**1**	---	**518**	---	684	---
		5.5	(u)	**1**	---	---	---	---	---	---	---	---	---	349	---	---	---	<0.5	---	---	---	1750	---
		8.5	(u)	**1**	---	---	---	---	**16**	---	---	---	---	---	---	---	---	---	**2**	**11**	**38**	57	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.8	---	---	---	---	39	---
		14.5	(u)	---	---	---	---	---	23	7	---	---	---	---	---	---	**1**	---	---	---	---	17	---
		15.3-16	(s)	---	---	---	---	---	**39**	9	---	---	---	---	---	18	**1**	<0.5	---	---	---	18	---
B-66	06/20/00	0-0.5	(u)	---	---	---	---	---	**93**	---	---	---	---	**532**	---	---	---	---	<1	---	---	4176	---
	Duplicate 18	0-0.5	(u)	**4**	9	123	<4	**74**	**222**	**60**	**1380**	<0.04	**427**	**559**	0.08	**69**	<0.8	1	**3**	**30**	10	2200	---
(feedtank No.1)		2-2.5	(u)	**1**	---	---	---	---	12	---	**29**	---	29	257	---	---	---	<0.5	---	6	---	99	---
		5.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	---
		8.5	(u)	**1**	---	---	---	---	11	---	---	---	---	---	---	---	---	---	**6**	5	25	72	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.8	---	---	---	---	13	---
		15.7-16	(s)	---	---	---	---	---	**49**	---	---	---	---	---	---	---	**1**	---	---	---	---	11	---
B-67	06/15/00	0-0.5	(u)	<0.8	<5	161	**12**	**326**	**17**	8	**407**	<0.04	56	**1297**	**0.1**	16	<0.8	**2**	<1	**12**	18	52100	---
(Facility No. 1)		2-2.5	(u)	---	---	---	<4	<1	---	---	8	----	---	349	<0.05[a]	---	---	<0.5	---	<5	---	103	---
		5.5	(u)	---	---	---	---	---	---	---	---	----	---	---	<0.05[a]	---	---	---	---	---	---	180	---
		8.5	(u)	---	---	---	---	---	---	---	---	----	---	---	---	---	---	---	---	---	---	138	---
		11.5-12.5	(s)	---	---	---	---	---	---	---	---	----	---	---	---	---	---	---	---	---	---	73	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-68	06/27/00	0-0.5	(u)	**2**	<5	134	<4	**129**	13	**11**	25	<0.04	9	**1528**	<0.05	20	<0.8	<0.5	<1	<5	18	40160	---
(Facility No. 1)		2-2.5	(u)	**4**	---	---	---	**302**	---	**10**	---	---	---	**1560**	---	---	---	---	---	---	---	14400	---
		5.5	(u)	**3**	---	---	---	2	---	7	---	---	---	445	---	---	---	---	---	---	---	247	---
		8.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71	---
		11.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71	---
		14.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35	---
		15.7-16	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---
B-69	06/15/00	0-0.5	(u)	<0.8	<5	132	**6**	**512**	**67**	**68**	**295**	<0.04	14	**746**	<0.05	**149**	**3**	<0.5	<1	6	15	25520	---
(Facility No. 1)		2-2.5	(u)	---	---	---	<4	**27**	11	7	**51**	---	---	**872**	---	11	<0.8	---	---	---	---	29520	---
		5.5	(u)	---	---	---	---	**54**	---	---	16	---	---	**2200**	---	---	---	---	---	---	---	74080	---
		8.5	(u)	---	---	---	---	2	---	---	---	---	---	269	---	---	---	---	---	---	---	779	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	273	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2340	---
		15.6-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26790	---
B-70	06/19/00	0-0.5	(u)	<0.8	<5	131	<4	**875**	**16**	8	13	0.11	10	**545**	<0.05	11	<0.8	<0.5	**5**	<5	17	6,289	---
(Facility No. 1)		2-2.5	(u)	---	---	---	---	**13**	**16**	---	---	---	---	311	---	---	---	---	**2**	---	---	296	---
		5.5	(u)	---	---	---	---	**16**	**15**	---	---	---	---	---	---	---	---	---	**2**	---	---	342	---
		8.5	(u)	---	---	---	---	4	11	---	---	---	---	---	---	---	---	---	**7**	---	---	101	---
		11.5-12	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**3**	---	---	20	---
B-71	06/14/00	0-0.5	(u)	<0.8	<5	65	<4	3	**28**	**20**	**178**	<0.04	31	**2356**	<0.05	17	<0.8	**1**	**3**	<5	13	983	---
(west cell house)		2-2.5	(u)	---	---	---	---	---	11	5	**20**	---	---	284	---	---	---	<0.5	<1	---	---	130	---
		5.5	(u)	---	---	---	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---	118	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		20.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		22.5-23	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24	---
B-72	06/14/00	0-0.5	(u)	**2**	<5	66	<4	3	11	<5	**74**	<0.04	42	**1484**	<0.05	6	<0.8	<0.5	<1	<5	13	19120	---
(west cell house)		2-2.5	(u)	<0.8	---	---	---	---	---	---	10	---	---	93	---	---	---	---	---	---	---	836	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	616	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	676	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56	---
		17-17.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-73	07/11/00	0-0.5	(u)	**0.9**	<5	80	<4	2	12	**13**	8	<0.04	15	201	<0.05	11	<0.8	<0.5	<1	**9**	15	251	---
(west cell house)		2-2.5	(u)	<0.8	---	---	---	---	---	7	---	---	---	---	---	---	---	---	---	<5	---	220	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		20.5-21	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-74	06/14/00	0-0.5	(u)	<0.8	<5	79	<4	<1	**22**	6	10	<0.04	13	204	<0.05	16	<0.8	<0.5	**2**	<5	17	399	---
(west cell house)		2-2.5	(u)	---	---	---	---	---	8	---	---	---	---	---	---	---	---	---	**2**	---	---	318	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**3**	---	---	53	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	41	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**3**	---	---	31	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**3**	---	---	45	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	42	---
		20.5-21	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	41	---
B-75	06/26/00	0-0.5	(u)	**3**	<5	56	<4	2	10	<5	6	<0.04	6	159	<0.05	6	<0.8	<0.5	**2**	<5	16	83	---
(NOR 43)		2-2.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	58	---
		5.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		8.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49	---
		11.5	(u)	**5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	58	---
		14.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62	---
		17.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		20.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41	---
		23.5	(u)	**5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57	---
		26-26.5	(s)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	63	---
B-76	06/26/00	0-0.5	(u)	**4**	<5	215	<4	**23**	**32**	6	30	<0.04	27	**466**	0.09	18	<0.8	<0.5	<1	<5	21	1040	---
(NOR 43)		2-2.5	(u)	**2**	---	---	---	<1	**16**	---	---	---	---	**491**	<0.05	---	---	---	---	---	---	60	---
		5.5	(u)	**3**	---	---	---	---	13	---	---	---	---	370	---	---	---	---	---	---	---	47	---
		8.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		11.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61	---
		14.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	63	---
		17.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		20.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62	---
		23.4-24	(s)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-77	06/27/00	0-0.5	(u)	<0.8	<5	67	<4	<1	9	<5	6	<0.04	16	171	<0.05	6	<0.8	<0.5	**3**	<5	13	121	---
(NOR 43)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	45	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	55	---
		19.7-20	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	---
B-78	06/27/00	0-0.5	(u)	<0.8	<5	122	<4	<1	13	6	7	<0.04	19	198	<0.05	8	<0.8	<0.5	**2**	<5	14	155	---
(NOR 43)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	43	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	65	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		19.5-20	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36	---
B-79	06/21/00	0-0.5	(u)	**3**	<5	101	<4	**12**	**28**	**13**	11	<0.04	14	**665**	<0.05	15	<0.8	<0.5	<1	<5	14	2867	---
(feedtank #2)		2-2.5	(u)	**3**	<5	142	<4	<1	14	5	10	<0.04	9	**367**	<0.05	10	<0.8	<0.5	<1	<5	25	74	---
		5.5	(u)	**3**	8	303	<4	<1	**21**	7	11	<0.04	11	373	<0.05	12	<0.8	<0.5	<1	<5	**61**	69	---
	Duplicate 21	5.5	(u)	**2**	8	389	<4	<1	12	6	8	<0.04	9	**629**	<0.05	9	<0.8	<0.5	<1	<5	**39**	43	---
		8.5	(u)	**2**	6	193	<4	<1	9	6	7	<0.04	9	372	<0.05	9	<0.8	<0.5	<1	<5	27	36	---
		11.5	(u)	**2**	7	312	<4	<1	12	6	7	<0.04	9	337	<0.05	8	<0.8	<0.5	<1	<5	30	41	---
		14.5	(u)	**2**	7	337	<4	<1	**15**	7	10	<0.04	11	325	<0.05	16	<0.8	<0.5	1	<5	34	56	---
		17.5	(u)	**2**	6	357	<4	<1	12	8	10	<0.04	13	**690**	<0.05	13	<0.8	<0.5	<1	<5	31	51	---
		18-18.5	(s)	**2**	<5	375	<4	<1	**16**	7	9	<0.04	10	389	<0.05	12	<0.8	<0.5	<1	<5	33	73	---
B-80	06/21/00	0-0.5	(u)	<0.8	---	---	---	**82**	**16**	8	---	---	---	**652**	---	---	---	---	---	---	---	6729	---
(feedtank #2)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	**406**	---	---	---	---	---	---	---	86	---
		5.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	375	---	---	---	---	---	---	32	52	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	63	---
		14.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		17.5-18	(s)	<0.8	---	---	---	---	7	---	---	---	---	566	---	---	---	---	---	---	---	31	---
B-81	06/21/00	0-0.5	(u)	---	---	---	---	6	**15**	---	---	---	---	210	---	---	---	---	---	---	---	623	---
(feedtank #2)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	293	---	---	---	---	---	---	---	56	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59	---
		20.7-21	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-82	06/21/00	0-0.5	(u)	**4**	**7**	86	**5**	**133**	**59**	**15**	**1130**	0.05	57	**956**	0.07	**250**	<0.8	**1**	**7**	**7**	15	16920	---
(feedtank #2)		2-2.5	(u)	**2**	<5	103	<4	**159**	**27**	**7**	14	<0.04	<5	**445**	<0.05	**37**	<0.8	<0.5	**4**	<5	9	4204	---
		5.5	(u)	**2**	<5	50	<4	**410**	**17**	**7**	5	<0.04	<5	**3615**	<0.05	17	<0.8	**1**	<1	<5	11	26850	---
	(SPLP)	*5.5*	*(u)*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	*1.7*	*<0.1*	*<0.1*	*<0.1*	---	*<0.1*	*2.6*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*20*	---
		8.5	(u)	**1**	<5	63	<4	**261**	**34**	9	6	<0.04	**7**	**1651**	<0.05	25	<0.8	<0.5	<1	<5	12	12400	---
		11.5	(u)	**2**	**7**	387	<4	4	**15**	9	12	<0.04	12	515	<0.05	13	<0.8	<0.5	<1	<5	**37**	210	---
		14.5	(u)	**2**	6	339	<4	3	14	9	12	<0.04	13	**794**	<0.05	14	<0.8	<0.5	1	<5	33	170	---
		17.5	(u)	**3**	10	224	<4	2	**21**	9	12	<0.04	12	399	<0.05	15	<0.8	<0.5	1	<5	**44**	144	---
	Duplicate 22	17.5	(u)	**2**	8	179	<4	1	11	6	9	<0.04	10	267	<0.05	10	<0.8	<0.5	1	<5	30	86	---
		19-20	(s)	**3**	<5	224	<4	**167**	**15**	6	10	<0.04	13	**918**	<0.05	19	<0.8	<0.5	<1	<5	26	3902	---
B-83	06/21/00	0-0.5	(u)	**2.3**	---	---	<4	**273**	**25**	**11**	**359**	---	---	**3384**	---	**30**	---	**3.8**	<5	---	---	38770	---
(feedtank #2)		2-2.5	(u)	<0.8	---	---	---	**21**	**19**	---	---	---	---	**517**	---	**17**	---	---	<5	---	---	2829	---
		5.5	(u)	<0.8	---	---	---	1	13	---	---	---	---	378	---	---	---	<0.5	---	---	---	151	---
		8.5	(u)	<0.8	---	---	---	2	13	---	---	---	---	348	---	---	---	---	---	---	---	190	---
		11.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	31	64	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	397	---	---	---	---	---	---	---	57	---
		17.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	32	68	---
		20.5	(u)	<0.8	---	---	---	<1	**15**	---	---	---	---	360	---	---	---	---	---	---	---	62	---
		23.5-24	(s)	<0.8	---	---	---	<1	13	---	---	---	---	254	---	---	---	---	---	---	---	77	---
B-84	06/22/00	0-0.5	(u)	**5.8**	---	---	---	**92**	**45**	**12**	**646**	---	---	**4274**	---	**39**	---	**11.3**	<5	---	---	22850	---
(feedtank #2)		2-2.5	(u)	---	---	---	---	3	**15**	---	---	---	---	**476**	---	---	---	---	**2**	---	---	211	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	58	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	75	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	58	---
		17.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		20.5	(u)	---	---	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		23.5-24	(s)	---	---	---	---	---	9	---	---	---	---	---	---	---	---	---	---	---	---	39	---
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	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
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	---
B-89	07/10/00	0-0.5	(u)	**3**	11	114	<4	**749**	12	**50**	**876**	<0.04	27	**251**	<0.05	**31**	<0.8	<0.5	**5**	<5	14	11430	---
	Duplicate 44	0-0.5	(u)	**3**	**24**	117	<4	**800**	**15**	**95**	**898**	<0.04	29	**482**	<0.05	**30**	<0.8	<0.5	**4**	<5	16	16490	---
		2-2.5	(u)	<0.8	6	---	---	**86**	11	**70**	12	---	---	**577**	---	**36**	---	---	**<5**	---	---	2490	---
		5.5	(u)	---	---	---	---	**6**	---	8	---	---	---	347	---	11	---	---	<1	---	---	178	---
(3 sided bin)		8.5	(u)	---	---	---	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	69	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		15.8-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-90	07/10/00	0-0.5	(u)	**4**	**38**	100	<4	**731**	**15**	**81**	**914**	<0.04	47	**381**	<0.05	**68**	<0.8	<0.5	**3**	<5	12	14890	---
(3 sided bin)		2-2.5	(u)	<0.8	6	---	---	**116**	**23**	**54**	**22**	---	---	**623**	---	**117**	---	---	**<5**	---	---	3390	---
		5.5	(u)	---	---	---	---	**45**	12	**13**	10	---	---	281	---	17	---	---	<1	---	---	1120	---
		8.5	(u)	---	---	---	---	**8**	---	7	---	---	---	---	---	---	---	---	---	---	---	222	---
		11.5	(u)	---	---	---	---	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	37	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		17-18	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-91	07/10/00	0-0.5	(u)	**3**	7	110	<4	**781**	**64**	**49**	**401**	0.12	40	283	<0.05	**466**	<0.8	<0.5	3	5	15	8794	---
(3 sided bin)		2-2.5	(u)	<0.8	---	---	---	**1971**	10	**523**	12	---	---	---	---	**55**	---	---	<1	---	---	63510	---
		5.5	(u)	---	---	---	---	**17**	---	**11**	---	---	---	---	---	11	---	---	---	---	---	401	---
		8.5	(u)	---	---	---	---	1	---	6	---	---	---	---	---	---	---	---	---	---	---	63	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		16.16.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-92	06/29/00	0-0.5	(u)	**1**	<5	162	<4	5	**25**	**63**	17	<0.04	17	**340**	**0.2**	22	<0.8	**1**	**2**	<5	23	290	---
(Facility #3)		2-2.5	(u)	**2**	---	---	---	---	**16**	6	---	---	---	**394**	<0.05	---	---	<0.5	<1	---	---	108	---
		5.5	(u)	**2**	---	---	---	---	11	---	---	---	---	322	---	---	---	---	---	---	---	38	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	---
		11.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		14-14.5	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28	---
B-93	06/27/00	0-0.5	(u)	<0.8	6	154	<4	**105**	**23**	9	**78**	<0.04	**168**	**343**	**10**	22	**18**	**3**	**2**	5	16	1430	---
(Facility #3)		2-2.5	(u)	---	---	---	---	1	14	---	13	---	10	344	**0.6**	---	<0.8	<0.5	<1	---	---	242	---
		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	85	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56	---
		15.5-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	---
B-94	06/27/00	0-0.5	(u)	**1**	6	86	<4	**53**	**24**	6	**69**	<0.04	**192**	147	**0.4**	12	**1**	**4**	1	<5	10	3712	---
(Facility #3)		2-2.5	(u)	**4**	---	---	---	**12**	12	---	**25**	---	28	---	0.055	---	<0.8	<0.5	---	---	---	789	---
		5.5	(u)	**4**	---	---	---	<1	---	---	11	---	---	---	---	---	---	---	---	---	---	55	---
		8.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48	---
		11.5	(u)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		11.7-12.5	(s)	**4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	166	---
B-95	06/23/00	0-0.5	(u)	**4**	<5	88	<4	**22**	12	8	30	0.06	61	310	0.07	25	<0.8	**1**	**1**	<5	9	722	---
(Facility #3)		2-2.5	(u)	**2**	---	---	---	<1	---	---	---	---	---	---	---	---	---	<0.5	<1	---	---	58	---
		5.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		11.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		14.3-15	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
B-96	06/12/00	0-0.5	(u)	**128**	**3353**	**1665**	**92**	**2795**	**351**	**363**	**30530**	**1.6**	**28300**	**8209**	**11**	**457**	**39**	**345**	**<20**	**332**	21	117600	---
(Railroad		2-2.5	(u)	**0.8**	6.8	403	<4	2.9	**21**	7.2	12	<0.04	15	**366**	<0.05	13	<5	**4.3**	**1.4**	<5	---	125	---
Tracks)		5.5	(u)	**1.9**	---	---	---	---	**24**	---	---	---	---	372	---	---	<5	**12**	**1.8**	---	---	147	---
		8.5	(u)	<0.8	---	---	---	---	**27**	---	---	---	---	---	---	---	<5	**6.3**	<1	---	---	33	---
		11.5	(u)	---	---	---	---	---	**56**	---	---	---	---	---	---	---	<5	**2.2**	---	---	---	24	---
		14.5	(u)	---	---	---	---	---	**20**	---	---	---	---	---	---	---	<5	**42**	---	---	---	54	---
		16-16.5	(s)	---	---	---	---	---	17	---	---	---	---	---	---	---	<5	**1.8**	---	---	---	55	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-97	06/12/00	0-0.5	(u)	336	3197	759	129	3051	2471	5568	22470	21.0	65760	17930	11	3562	21	320	<20	1342	28	149300	---
	Duplicate 1	(0-0.5)	(u)	163	1794	1065	142	3911	4691	14450	44110	14.0	40450	22500	6.5	18280	28	287	<20	2073	88	111400	---
(Railroad Tracks)		2-2.5	(u)	2.5	8.1	432	<4	2,165	26	204	56	<0.04	90	1,656	<0.05	56	<5	9.1	<1	<5	45	20,000	---
	(SPLP)	*2-2.5*	*(u)*	*<0.1*	*<0.1*	*<0.1*	*<0.1*	*15.0*	*<0.1*	*0.53*	*<0.1*	---	*<0.1*	*1.4*	---	*0.24*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*64*	---
		5.5	(u)	1.1	<5	---	---	976	17	59	35	---	37	450	---	31	---	1.9	---	<5	33	6285	---
		8.5	(u)	2.5	---	---	---	13	13	12	14	---	---	---	---	10	---	13	---	<5	---	175	---
		11.5	(u)	9	---	---	---	7.2	---	6.3	---	---	---	---	---	---	---	11	---	<5	---	108	---
		14.5	(u)	<0.8	---	---	---	11	---	---	---	---	---	---	---	---	---	21	---	<5	---	92	---
		15.5-16	(s)	---	---	---	---	4.8	---	---	---	---	---	---	---	---	---	3.7	---	<5	---	57	---
B-98	06/12/00	0-0.5	(u)	79	1542	1536	90	2046	717	517	12230	0.83	20870	9205	2.2	963	31	352	<20	271	24	87900	---
(Railroad		2-2.5	(u)	<0.8	5.3	416	<4	1.1	19	6.6	11	<0.04	14	327	<0.05	13	<5	2.9	2.6	<5	---	82	---
Tracks)		5.5	(u)	---	---	---	---	---	24	---	---	---	---	---	---	---	<5	21	1.6	---	---	76	---
		8.5	(u)	---	---	---	---	---	25	---	---	---	---	---	---	---	<5	2.4	2	---	---	93	---
		11.5	(u)	---	---	---	---	---	15	---	---	---	---	---	---	---	<5	1.9	<1	---	---	49	---
		14-14.5	(s)	---	---	---	---	---	16	---	---	---	---	---	---	---	<5	9	---	---	---	52	---
B-99	06/12/00	0-0.5	(u)	139	8018	1181	82	2970	930	1209	104400	7.0	25130	11910	16	1369	83	321	<20	472	20	145500	---
(Railroad		2-2.5	(u)	1.5	15	370	<4	27	19	41	165	<0.04	45	311	0.08	18	<5	1.8	1.1	<5	---	2,900	---
Tracks)		5.5	(u)	1.1	25	---	---	85	20	37	274	---	---	---	---	---	---	2.2	1.9	---	---	2,045	---
		8.5	(u)	1.6	7.9	---	---	1.9	24	10	18	---	---	---	---	---	---	0.96	2	---	---	130	---
		11.5	(u)	1.6	---	---	---	---	32	13	124	---	---	---	---	---	---	1.6	2.3	---	---	281	---
		14-14.5	(s)	1.5	---	---	---	---	13	5.2	16	---	---	---	---	---	---	1.9	1.5	---	---	51	---
B-100	06/13/00	0-0.5	(u)	<0.8	<5	134	<4	13	14	<5	17	<0.04	27	185	0.29	10	<0.8	5	2	<5	19	516	---
(Railroad		2-2.5	(u)	---	---	---	---	1	---	---	---	---	---	---	<0.05	---	---	<0.5	3	---	---	65	---
Tracks)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	223	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	587	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	30	---
		14.5-15	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27	---
B-101	06/12/00	0-0.5	(u)	21	359	448	12	334	23	12	2334	<0.04	5451	1083	11	22	20	120	<20	36	13	66230	---
	Duplicate 3	(0-0.5)	(u)	20	298	348	12	436	28	52	2554	0.31	4048	1132	22	71	14	81	<20	51	16	62730	---
(Railroad		2-2.5	(u)	<0.8	6	---	<4	3	9	<5	11	<0.04[a]	16	222	<0.05	7	<0.8	<0.5	2	<5	---	495	---
Tracks)		5.5	(u)	---	---	---	---	---	---	---	---	<0.04[a]	---	---	---	---	---	---	2	---	---	56	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	81	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---
		14.5-15	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-102	06/12/00	0-0.5	(u)	**2.1**	**24**	237	<4	**236**	13	**11**	**187**	<0.04	**338**	**349**	**0.46**	19	**0.96**	**4.4**	**<20**	6.6	20	16260	---
	Duplicate 2	(0-0.5)	(u)	**1.7**	**23**	273	<4	**81**	**43**	**117**	**414**	<0.04	**467**	**433**	**23**	**136**	<0.8	**4.7**	**<20**	**27**	24	3045	---
(Railroad		2-2.5	(u)	<0.8	<5	---	---	3	10	<5	10	---	13	254	<0.05	7	<0.8	<0.5	1	<5	---	217	---
Tracks)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39	---
		14.8-15.3	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	---
B-103	06/12/00	0-0.5	(u)	**2.1**	**46**	311	<4	**157**	**19**	**12**	**415**	<0.04	**680**	**404**	**1.5**	18	**1.7**	**11**	**<20**	**13**	27	16600	---
(Railroad		2-2.5	(u)	<0.8	5	---	---	**5**	12	<5	11	---	18	253	<0.05	---	<0.8	<0.5	1	<5	---	333	---
Tracks)		5.5	(u)	---	---	---	---	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	57	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	199	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	65	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	79	---
		15-15.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35	---
B-104	06/13/00	0-0.5	(u)	**64**	**603**	**990**	**18**	**566**	**102**	**93**	**6961**	**0.88**	**5971**	**2665**	**3.4**	**110**	**6**	**74**	<1	**128**	23	130200	---
(Railroad		2-2.5	(u)	<0.8	<5	114	<4	3	11	<5	**26**	<0.04	19	260	<0.05[a]	9	<0.8	<0.5	---	<5	---	315	---
Tracks)		5.5	(u)	---	---	---	---	---	---	---	12	---	---	---	<0.05[a]	---	---	---	---	---	---	60	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	481	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39	---
		14.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---
		15.5-16	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	---
B-105	06/23/00	0-0.5	(u)	**404**	**1310**	95	**75**	**1077**	**33**	**13**	**1151**	**0.56**	**13160**	**2294**	**6.2**	11	**4**	**182**	<1	**75**	<5	239900	---
	(SPLP)	*0-0.5*	*(u)*	*<0.1*	*<0.1*	*0.11*	*<0.1*	*5.3*	*<0.1*	*<0.1*	*<0.1*	---	*0.83*	*13*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*750*	---
(Boneyard)		2-2.5	(u)	**3**	<5	87	<4	**48**	13	6	**29**	**0.16**	27	**1490**	<0.05	12	<0.8	<0.5	<1	<5	14	6434	---
		5.5	(u)	**2**	<5	508	<4	<1	10	<5	10	<0.04	11	274	<0.05	8	<0.8	<0.5	<1	<5	29	124	---
		8.5	(u)	**2**	5	355	<4	<1	11	<5	10	---	10	265	---	7	<0.8	<0.5	**6**	<5	34	89	---
		10.5-11	(s)	**2**	<5	246	<4	<1	8	<5	7	---	9	314	---	7	<0.8	<0.5	**2**	<5	22	45	---
B-106	06/23/00	0-0.5	(u)	**8**	**42**	159	<4	**99**	**29**	**10**	**321**	0.18	**391**	**911**	**0.19**	18	<0.8	**5**	<1	**9**	13	7268	---
	Duplicate 26	0-0.5	(u)	**10**	**51**	163	<4	**106**	**22**	**10**	**372**	0.14	**445**	**1100**	**0.54**	19	**1**	**6**	**4**	**10**	18	7541	---
		2-2.5	(u)	**2**	<5	101	<4	**22**	**16**	6	**18**	---	16	**392**	<0.05	12	<0.8	<0.5	<1	<5	18	864	---
(Boneyard)		5.5	(u)	**2**	<5	235	<4	4	12	<5	9	---	9	308	<0.05	8	<0.8	<0.5	<1	<5	25	159	---
		8.5	(u)	**2**	5	373	<4	2	11	<5	7	---	8	287	---	7	<0.8	<0.5	<1	<5	32	139	---
		10-11	(s)	**2**	<5	220	<4	2	8	<5	5	---	8	222	---	6	<0.8	<0.5	<1	<5	20	134	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-107	06/23/00	0-0.5	(u)	13	44	155	<4	99	18	7	346	0.11	685	812	0.24	12	2	13	<1	6	19	7579	---
	Duplicate 27	0-0.5	(u)	6	19	171	<4	109	12	8	184	0.04	350	764	0.58	10	2	6	4	7	16	6467	---
		2-2.5	(u)	2	<5	134	<4	1	12	5	14	---	13	331	<0.05	10	<0.8	<0.5	<1	<5	18	137	---
(Boneyard)		5.5	(u)	2	5	521	<4	<1	14	5	8	---	8	283	<0.05	9	<0.8	<0.5	1	7	45	45	---
		8.5	(u)	3	<5	275	<4	<1	10	<5	8	---	8	290	---	7	<0.8	<0.5	<1	<5	28	39	---
		10-11	(s)	2	<5	230	<4	<1	10	<5	10	---	7	246	---	6	<0.8	<0.5	<1	<5	22	35	---
B-108	06/20/00	0-0.5	(u)	4	12	296	<4	160	16	7	60	0.07	133	602	<0.05	12	<0.8	<0.5	1	17	22	6933	---
(storm sewer		2-2.5	(u)	2	6	209	<4	49	14	6	30	<0.04	52	420	<0.05	11	<0.8	<0.5	2	8	22	3234	---
system)		5.5	(u)	1	<5	384	<4	2	12	5	9	<0.04	11	308	<0.05	10	<0.8	<0.5	3	<5	29	143	---
		8.5	(u)	<0.8	<5	328	<4	<1	14	6	7	<0.04	10	355	<0.05	10	<0.8	<0.5	2	<5	32	53	---
		11.5	(u)	<0.8	<5	284	<4	<1	6	<5	<5	<0.04	5	218	<0.05	<5	<0.8	<0.5	2	<5	15	26	---
		14.5	(u)	<0.8	<5	68	<4	<1	91	13	<5	<0.04	<5	159	<0.05	43	<0.8	<0.5	<1	<5	6	25	---
		16.3-17	(s)	<0.8	<5	46	<4	<1	71	14	<5	<0.04	<5	142	<0.05	33	1	<0.5	1	<5	6	19	---
B-109	06/20/00	0-0.5	(u)	<0.8	<5	184	<4	240	66	18	16	<0.04	18	376	<0.05	36	<0.8	<0.5	2	<5	20	15900	---
(storm sewer		2-2.5	(u)	<0.8	<5	185	<4	4	12	5	10	<0.04	8	303	<0.05	10	<0.8	<0.5	2	<5	19	246	---
system)		5.5	(u)	<0.8	6	321	<4	<1	13	6	12	<0.04	9	401	<0.05	10	<0.8	3	1	<5	34	110	---
		8.5	(u)	<0.8	<5	125	<4	<1	11	<5	9	<0.04	7	269	<0.05	9	<0.8	<0.5	2	<5	16	37	---
	Duplicate 20	8.5	(u)	<0.8	<5	170	<4	<1	16	5	12	<0.04	8	228	<0.05	12	<0.8	<0.5	2	<5	16	40	---
		11.5	(u)	<0.8	<5	116	<4	<1	46	8	<5	<0.04	<5	271	<0.05	23	<0.8	<0.5	7	<5	10	56	---
		14-14.5	(s)	<0.8	<5	49	<4	<1	85	14	<5	<0.04	<5	112	<0.05	40	2	<0.5	3	<5	6	22	---
B-110	06/14/00	0-0.5	(u)	7	30	441	<4	109	60	16	443	<0.04	2150	727	0.24	45	2	19	2	25	20	8113	---
	Duplicate 8	0-0.5	(u)	22	104	444	7	374	82	52	1380	0.66	4214	1370	1.4	93	3	31	<1	58	14	27130	---
		2-2.5	(u)	<0.8	5	273	<4	1	22	<5	16	<0.04	25	280	<0.05	13	<0.8	2	7	<5	25	147	---
		5.5	(u)	<0.8	6	226	<4	<1	13	6	9	<0.04	13	372	<0.05	10	<0.8	1	5	<5	33	62	---
(storm sewer		8.5	(u)	<0.8	<5	212	<4	2	17	<5	16	<0.04	32	237	<0.05	10	<0.8	<0.5	2	<5	20	353	---
system)		11.5	(u)	<0.8	9	56	<4	<1	22	7	12	<0.04	11	436	<0.05	15	<0.8	<0.5	4	<5	43	81	---
		14.5	(u)	<0.8	11	267	<4	<1	18	10	11	<0.04	11	1480	<0.05	15	<0.8	<0.5	2	<5	37	57	---
		15.5-16	(s)	<0.8	<5	240	<4	<1	16	<5	5	<0.04	7	294	<0.05	9	<0.8	<0.5	2	<5	12	26	---
B-111	06/14/00	0-0.5	(u)	61	412	886	20	545	183	383	3785	2.2	11970	24850	3.7	288	6	73	<1	154	31	48330	---
	Duplicate 7	0-0.5	(u)	112	698	1329	18	696	215	291	5575	5.5	18730	37330	2.8	234	11	144	<1	234	43	78920	---
		2-2.5	(u)	6	24	207	<4	24	52	17	282	<0.04	1490	6229	0.47	34	<0.8	12	<1	10	23	12900	---
		5.5	(u)	2	10	384	<4	3	18	8	32	<0.04	70	1040	0.26	13	<0.8	<0.5	2	5	51	2250	---
(storm sewer		8.5	(u)	<0.8	<5	227	<4	<1	12	<5	12	<0.04	13	301	<0.05	9	<0.8	2	2	<5	40	88	---
system)		11.5	(u)	1	6	254	<4	<1	14	7	11	<0.04	13	354	<0.05	11	<0.8	<0.5	2	<5	31	61	---
		14.5	(u)	1	6	223	<4	<1	12	7	18	<0.04	34	430	<0.05	10	<0.8	1	2	<5	25	118	---
		17.5	(u)	2	7	269	<4	<1	16	9	15	<0.04	38	439	<0.05	13	<0.8	<0.5	2	<5	34	84	---
		20-20.5	(s)	2	9	371	<4	<1	18	9	25	<0.04	93	649	<0.05	14	1	3	2	<5	40	150	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-112	06/27/00	0-0.5	(u)	<0.8	<5	100	<4	4	**81**	5	15	<0.04	35	190	**0.16**	**36**	<0.8	**2**	<1	<5	8	584	---
(storm sewer		2-2.5	(u)	<0.8	<5	449	<4	<1	**17**	6	11	<0.04	9	**367**	<0.05	12	<0.8	<0.5	1	<5	**36**	55	---
system)		5.5	(u)	<0.8	<5	384	<4	<1	12	6	9	<0.04	10	321	<0.05	9	<0.8	<0.5	**2**	<5	34	71	---
	Duplicate 33	5.5	(u)	**1**	<5	370	<4	<1	**18**	7	9	<0.04	11	373	<0.05	**11**	<0.8	<0.5	**3**	<5	**47**	118	---
		8.5	(u)	<0.8	<5	311	<4	<1	12	6	9	<0.04	15	341	<0.05	9	<0.8	<0.5	1	<5	27	116	---
		11.5	(u)	<0.8	7	298	<4	<1	14	8	10	<0.04	11	420	<0.05	12	<0.8	<0.5	1	<5	32	58	---
		14.5	(u)	**1**	8	569	<4	<1	**15**	9	12	<0.04	13	**751**	<0.05	14	<0.8	<0.5	<1	<5	33	75	---
		17.5	(u)	**1**	7	314	<4	<1	**15**	7	10	<0.04	11	424	<0.05	13	<0.8	<0.5	<1	<5	29	57	---
		18.5-19	(s)	<0.8	<5	111	<4	<1	24	8	<5	<0.04	<5	171	<0.05	15	<0.8	<0.5	<1	<5	6	15	---
B-113	06/22/00	0-0.5	(u)	**19**	**415**	712	**7**	**1548**	**45**	**44**	**1670**	**0.75**	**2150**	**3080**	**0.5**	**107**	**2**	**11**	<1	**24**	20	32860	---
	(SPLP)	*0-0.5*	*(u)*	*<0.1*	*<0.1*	*0.14*	*<0.1*	*2.1*	*<0.1*	*<0.1*	*<0.1*	---	*<0.1*	*<0.1*	---	*<0.1*	*<0.1*	*<0.05*	*<0.1*	*<0.1*	*<0.1*	*14*	---
(storm sewer		2-2.5	(u)	**3**	6	125	<4	**411**	14	6	**26**	<0.04	20	**414**	<0.05	**11**	<0.8	<0.5	<1	<5	13	2825	---
system)		5.5	(u)	**3**	<5	329	<4	3	14	6	10	<0.04	10	378	<0.05	10	<0.8	<0.5	<1	<5	33	76	---
	Duplicate 24	5.5	(u)	**3**	<5	362	<4	2	**18**	7	12	<0.04	12	387	<0.05	11	<0.8	<0.5	**2**	<5	**37**	120	---
		8.5	(u)	**3**	<5	267	<4	1	13	7	7	<0.04	**11**	372	<0.05	11	<0.8	<0.5	**6**	<5	32	62	---
		11.5	(u)	**3**	7	438	<4	<1	11	8	9	<0.04	12	469	<0.05	11	<0.8	<0.5	**4**	<5	29	53	---
		14.5	(u)	**3**	8	189	<4	1	8	7	5	<0.04	10	**1679**	<0.05	5	<0.8	<0.5	<1	<5	16	37	---
		17.3-18	(s)	**2**	<5	145	<4	**480**	12	<5	6	<0.04	5	**962**	<0.05	7	<0.8	<0.5	<1	<5	11	1500	---
B-114	07/10/00	0-0.5	(u)	<0.8	<5	88	<4	9	11	**14**	21	<0.04	37	228	**8.1**	8	**1.4**	**1.3**	<1	<5	16	589	---
(storm sewer		2-2.5	(u)	**1.9**	11	208	<4	**94**	13	**10**	**82**	<0.04	**150**	**553**	**15**	14	**1.8**	**2.4**	**9**	<5	32	2170	---
system)		5.5	(u)	**1.1**	6	268	<4	5	12	6	**17**	<0.04	19	318	<0.05	10	0.8	<0.5	**3**	<5	33	320	---
		8.5	(u)	**1.2**	6	300	<4	3	10	6	10	<0.04	13	368	0.08	9	<0.8	<0.5	**2**	<5	30	144	---
		11.5	(u)	**0.9**	<5	257	<4	<1	9	5	7	<0.04	8	291	<0.05	**7**	<0.8	<0.5	**2**	<5	24	41	---
		14-14.5	(s)	**0.9**	<5	177	<4	<1	5	<5	<5	<0.04	<5	193	<0.05	<5	<0.8	<0.5	**2**	<5	14	24	---
B-115	06/26/00	0-0.5	(u)	<0.8	<5	147	<4	2	15	6	7	<0.04	9	273	<0.05	9	<0.8	<0.5	**1**	<5	21	358	---
(storm sewer		2-2.5	(u)	<0.8	<5	314	<4	<1	12	6	**7**	<0.04	9	277	<0.05	9	<0.8	<0.5	1	<5	26	85	---
system)		5.5	(u)	<0.8	5	360	<4	<1	**14**	6	7	<0.04	8	294	<0.05	9	<0.8	<0.5	1	<5	**41**	57	---
		8.5	(u)	<0.8	<5	200	<4	<1	**16**	7	8	<0.04	9	361	<0.05	13	<0.8	<0.5	<1	<5	35	53	---
		11.5	(u)	<0.8	<5	274	<4	<1	8	<5	6	<0.04	6	261	<0.05	6	<0.8	<0.5	<1	<5	20	32	---
		14-14.5	(s)	<0.8	<5	201	<4	<1	5	<5	<5	<0.04	6	327	<0.05	6	<0.8	<0.5	<1	<5	14	29	---
B-116	06/27/00	0-0.5	(u)	<0.8	<5	140	<4	6	18	6	8	<0.04	12	229	<0.05	11	<0.8	<0.5	<1	<5	**17**	178	---
(storm sewer		2-2.5	(u)	<0.8	<5	278	<4	<1	9	<5	6	<0.04	7	237	<0.05	**7**	<0.8	<0.5	**3**	<5	18	32	---
system)		5.5	(u)	1	6	435	<4	<1	13	5	9	<0.04	8	289	<0.05	9	<0.8	<0.5	**8**	<5	**47**	41	---
		8.5	(u)	<0.8	<5	301	<4	<1	**17**	8	8	<0.04	9	366	<0.05	12	<0.8	<0.5	**3**	<5	**39**	55	---
	Duplicate 31	8.5	(u)	**2**	<5	281	<4	**1**	**15**	8	9	<0.04	10	374	<0.05	11	<0.8	<0.5	**2**	<5	34	309	---
		11.5	(u)	**1**	8	320	<4	<1	**19**	**10**	11	<0.04	12	520	<0.05	14	<0.8	<0.5	**3**	<5	**41**	67	---
	Duplicate 32	11.5	(u)	**2**	7	288	<4	<1	**18**	8	10	<0.04	11	410	<0.05	13	<0.8	<0.5	**7**	<5	**36**	111	---
		14.5	(u)	<0.8	10	698	<4	<1	11	8	8	<0.04	9	**792**	<0.05	10	<0.8	<0.5	**2**	<5	25	40	---
		16.5-17	(s)	<0.8	<5	169	<4	<1	8	<5	<5	<0.04	5	183	<0.05	6	<0.8	<0.5	1	<5	15	22	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-117	06/23/00	0-0.5	(u)	**4**	<5	236	<4	9	**15**	<5	**41**	<0.04	100	153	<0.05	8	<0.8	**3**	<1	<5	22	731	---
	Duplicate 28	0-0.5	(u)	**3**	<5	274	<4	1	11	<5	8	<0.04	11	302	<0.05	7	<0.8	<0.5	**2**	<5	25	95	---
		2-2.5	(u)	**4**	7	219	<4	**35**	**19**	7	**46**	0.11	**73**	**450**	**0.19**	12	**2**	**1**	<1	<5	24	5054	---
		5.5	(u)	**3**	5	473	<4	<1	**19**	6	**11**	<0.04	12	333	<0.05	17	<0.8	<0.5	<1	<5	**44**	125	---
(storm sewer		8.5	(u)	**3**	6	374	<4	<1	**16**	7	8	<0.04	10	353	<0.05	10	<0.8	<0.5	<1	<5	**40**	57	---
system)		11.5	(u)	**3**	8	273	<4	<1	**18**	9	**11**	<0.04	12	511	<0.05	14	<0.8	<0.5	<1	<5	**39**	66	---
		14-15	(s)	**3**	<5	292	<4	<1	9	6	7	<0.04	9	334	<0.05	7	<0.8	<0.5	<1	<5	22	37	---
B-118	06/27/00	0-0.5	(u)	**3**	8	155	<4	**33**	**15**	7	**41**	<0.04	102	**556**	**0.63**	---	**2**	**1**	<1	6	15	3855	---
(waste pile)		2-2.5	(u)	**3**	5	508	<4	**9**	13	5	**19**	<0.04	42	**379**	0.06	---	<0.8	**1**	<1	<5	20	953	---
		5.5	(u)	**2**	<5	259	<4	1	12	6	8	<0.04	11	259	<0.05	---	<0.8	<0.5	<1	<5	26	86	---
		8.5	(u)	**2**	5	254	<4	4	12	<5	12	<0.04	16	432	<0.05	---	<0.8	<0.5	<1	<5	29	184	---
		11.5	(u)	**3**	7	311	<4	<1	11	7	12	<0.04	12	434	<0.05	---	<0.8	<0.5	<1	<5	25	57	---
		14.5	(u)	**3**	6	307	<4	<1	12	7	13	<0.04	12	**716**	<0.05	---	<0.8	<0.5	<1	<5	27	60	---
		17.5	(u)	**3**	7	122	<4	1	14	8	13	<0.04	14	500	<0.05	---	<0.8	<0.5	<1	<5	29	78	---
		18-18.5	(s)	**2**	<5	185	<4	<1	9	6	13	<0.04	9	205	<0.05	---	<0.8	<0.5	<1	<5	19	36	---
B-119	06/27/00	0-0.5	(u)	**2.9**	---	---	---	10	12	---	23	---	---	178	**0.12**	---	<0.8	**0.8**	---	---	---	784	---
(waste pile)		2-2.5	(u)	**2.9**	---	---	---	<1	---	---	11	---	---	321	<0.05	---	---	<0.5	---	---	---	40	---
		5.5	(u)	**2.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---
		8.5	(u)	**3.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53	---
		11.5	(u)	**3.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		14.5	(u)	**3.4**	---	---	---	---	---	---	---	---	---	**798**	---	---	---	---	---	---	---	59	---
		17.5	(u)	**2.7**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	538	---
		19.7-20	(s)	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46	---
B-120	06/28/00	0-0.5	(u)	**1.7**	---	---	---	---	---	---	---	---	---	---	**0.28**	---	---	**1.2**	---	---	---	353	---
(waste pile)		2-2.5	(u)	**1.8**	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	42	---
		5.5	(u)	**2.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	55	---
		8.5	(u)	**2.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		11.5	(u)	**2.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45	---
		14.5	(u)	**1.1**	---	---	---	---	---	---	---	---	---	**683**	---	---	---	---	---	---	---	64	---
		17.5	(u)	**1.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		20.3-21	(s)	**1.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	---
B-121	06/30/00	0-0.5	(u)	**4**	**18**	282	<4	**98**	**35**	8	**89**	<0.04	**167**	**691**	**8.8**	---	**18**	**5**	<1	**10**	29	6973	---
(waste pile)		2-2.5	(u)	**5**	<5	206	<4	**12**	**20**	9	**19**	<0.04	26	**563**	**0.21**	---	<0.8	<0.5	<1	<5	**42**	720	---
		5.5	(u)	**3**	<5	166	<4	**6**	**17**	6	14	<0.04	17	299	**0.15**	---	<0.8	<0.5	<1	<5	34	418	---
		8.5	(u)	**3**	<5	265	<4	3	14	8	14	<0.04	16	431	<0.05	---	<0.8	<0.5	<1	<5	29	224	---
	Duplicate 40	8.5	(u)	**4**	<5	266	<4	2	13	6	11	<0.04	12	284	<0.05	---	<0.8	<0.5	<1	<5	27	156	---
		11.5	(u)	**4**	6	326	<4	1	14	**12**	14	<0.04	17	**996**	<0.05	---	<0.8	<0.5	<1	<5	30	100	---
		14.5	(u)	**3**	8	397	<4	2	13	8	13	<0.04	15	548	<0.05	---	<0.8	<0.5	**7**	6	30	114	---
		17.5	(u)	**3**	9	48	<4	<1	13	7	13	<0.04	12	301	<0.05	---	<0.8	<0.5	**3**	<5	30	61	---
	Duplicate 41	17.5	(u)	**4**	8	43	<4	<1	14	8	14	<0.04	14	295	<0.05	---	<0.8	<0.5	<1	<5	30	68	---
		19.7-20	(s)	**3**	<5	192	<4	<1	14	5	9	<0.04	11	265	<0.05	---	<0.8	<0.5	<1	<5	25	65	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-122	06/30/00	0-0.5	(u)	**4**	<5	---	---	**23**	**16**	---	**56**	---	**118**	**442**	**0.38**	---	**1**	**1**	---	5	---	1560	---
(waste pile)		2-2.5	(u)	**3**	---	---	---	1	**16**	---	14	---	---	**385**	<0.05	---	---	---	---	---	18	71	---
		5.5	(u)	**3**	---	---	---	<1	**17**	---	---	---	---	---	<0.05	---	---	---	---	---	---	54	---
		8.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		11.5	(u)	**3**	---	---	---	---	---	9	---	---	---	464	---	---	---	---	---	---	---	61	---
		14.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	56	---
		17.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	62	---
		20.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47	---
		23-23.5	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29	---
B-123	06/30/00	0-0.5	(u)	4	---	---	---	**27**	**15**	---	**86**	---	**189**	319	**0.74**	---	<0.8	**1**	---	---	---	1750	---
(waste pile)		2-2.5	(u)	**3**	---	---	---	---	14	---	---	---	---	**407**	<0.05	---	---	---	---	---	---	70	---
		5.5	(u)	**3**	---	---	---	---	**17**	---	---	---	---	---	<0.05	---	---	---	---	---	---	52	---
		8.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		11.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	---
		14.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61	---
		17.5	(u)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52	---
		19.7-20	(s)	**3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34	---
B-124	06/29/00	0-0.5	(u)	**3**	6	298	<4	**24**	**16**	6	22	<0.04	39	**450**	**0.33**	---	<0.8	<0.5	<1	<5	24	1500	---
(waste pile)		2-2.5	(u)	**2**	<5	294	<4	2	**16**	7	11	<0.04	12	**432**	<0.05	---	<0.8	<0.5	<1	<5	33	122	---
	Duplicate 37	2-2.5	(u)	<0.8	<5	310	<4	2	**21**	7	11	<0.04	11	**408**	<0.05	15	<0.8	<0.5	**2**	<5	**41**	141	---
		5.5	(u)	**2**	5	258	<4	2	9	5	7	<0.04	10	320	<0.05	---	<0.8	<0.5	<1	<5	24	132	---
	Duplicate 38	5.5	(u)	**1**	<5	288	<4	3	**18**	7	9	<0.04	11	369	<0.05	16	<0.8	<0.5	**3**	<5	**37**	210	---
		8.5	(u)	**2**	7	313	<4	<1	**15**	8	13	<0.04	13	507	<0.05	---	<0.8	<0.5	<1	<5	34	76	---
		11.5	(u)	**3**	6	309	<4	2	**16**	8	14	<0.04	14	390	<0.05	---	<0.8	<0.5	<1	<5	32	118	---
		14.5	(u)	**2**	<5	250	<4	<1	14	7	12	<0.04	10	485	<0.05	---	<0.8	<0.5	<1	<5	26	64	---
		17.5	(u)	**2**	7	204	<4	<1	**15**	7	15	<0.04	13	353	<0.05	---	<0.8	<0.5	<1	<5	31	62	---
		20.5	(u)	**2**	<5	455	<4	<1	13	7	15	<0.04	12	266	<0.05	---	<0.8	<0.5	**6**	<5	28	64	---
		23.5-24	(s)	**2**	<5	**888**	<4	<1	8	5	8	<0.04	8	221	<0.05	---	<0.8	<0.5	**2**	<5	18	36	---
B-125	06/29/00	0-0.5	(u)	**2.4**	---	---	---	6	**16**	---	---	---	---	**437**	**0.19**	---	---	---	---	---	---	508	---
(waste pile)		2-2.5	(u)	**3.4**	---	---	---	---	14	---	---	---	---	**399**	<0.05	---	---	---	1	---	**41**	68	---
		5.5	(u)	**2.8**	---	---	---	---	11	---	---	---	---	---	---	---	---	---	1	---	31	39	---
		8.5	(u)	**3**	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	61	---
		11.5	(u)	**2.5**	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	88	---
		14.5	(u)	**1.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		17.5	(u)	**1.9**	---	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	---	---	58	---
		20.5	(u)	**1.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	54	---
		23.5-24	(s)	**1.8**	---	178	---	---	---	---	---	---	---	---	---	---	---	---	**9**	---	---	49	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-126	06/29/00	0-0.5	(u)	**2.8**	---	---	---	---	**20**	---	---	---	---	**460**	**0.66**	---	---	---	---	---	---	1720	---
(waste pile)		2-2.5	(u)	**2.4**	---	---	---	---	---	---	---	---	---	**395**	<0.05	---	---	---	---	---	**42**	61	---
		5.5	(u)	**2.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		8.5	(u)	**2.8**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56	---
		11.5	(u)	**2.1**	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	54	---
		14.5	(u)	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61	---
		17.5	(u)	**2.6**	---	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	51	---
		20.5	(u)	**2.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	59	---
		23.5-24	(s)	**3.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	51	---
B-127	06/28/00	0-0.5	(u)	**3**	13	325	<4	**55**	**15**	6	38	<0.04	82	**397**	**0.31**	---	**2**	**1**	<1	6	**41**	3193	---
(waste pile)		2-2.5	(u)	**2**	<5	350	<4	2	10	<5	8	<0.04	10	256	**0.31**	---	<0.8	<0.5	<1	<5	30	110	---
		5.5	(u)	**2**	7	272	<4	3	11	7	11	<0.04	13	437	<0.05	---	<0.8	<0.5	7	<5	29	172	---
		8.5	(u)	**3**	7	320	<4	2	12	7	12	<0.04	13	451	<0.05	---	<0.8	<0.5	1	<5	28	104	---
	Duplicate 35	8.5	(u)	**1**	7	307	<4	**18**	**20**	**11**	12	<0.04	13	528	<0.05	15	<0.8	<0.5	<1	<5	**41**	132	---
		11.5	(u)	**3**	6	261	<4	1	**17**	8	13	<0.04	12	**794**	<0.05	---	<0.8	<0.5	<1	<5	33	76	---
	Duplicate 36	11.5	(u)	**1**	6	255	<4	3	**15**	8	11	<0.04	11	**777**	<0.05	14	<0.8	<0.5	**8**	<5	30	73	---
		14.5	(u)	**3**	7	355	<4	<1	14	6	13	<0.04	11	274	<0.05	---	<0.8	<0.5	<1	<5	29	59	---
		17.2-18	(s)	**3**	<5	270	<4	<1	12	<5	10	<0.04	11	231	<0.05	---	<0.8	<0.5	<1	<5	20	41	---
B-128	06/28/00	0-0.5	(u)	**3.5**	---	---	---	**19**	**16**	---	---	---	---	**445**	**0.58**	---	**2.4**	**1.1**	---	---	16	1560	---
(waste pile)		2-2.5	(u)	**2.8**	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	---	---	---	---	49	---
		5.5	(u)	**2.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	128	---
		8.5	(u)	**2.6**	---	---	---	<1	13	8	---	---	---	---	---	---	---	---	---	---	33	53	---
		11.5	(u)	**2.8**	---	---	---	---	14	---	---	---	---	453	---	---	---	---	1	---	---	58	---
		14.5	(u)	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44	---
		17.5	(u)	**3.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	64	---
		20.5	(u)	**2.8**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47	---
		23.7-24	(s)	**2.4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45	---
B-129	06/29/00	0-0.5	(u)	**1.3**	---	---	---	**141**	**15**	---	---	---	---	**523**	**0.21**	---	**1.3**	**2.4**	---	---	---	5747	---
(waste pile)		2-2.5	(u)	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	72	---
		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46	---
		8.5	(u)	**1.8**	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---	---	---	47	---
		11.5	(u)	**2**	---	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	53	---
		14-14.5	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42	---
B-130	06/16/00	0-0.5	(u)	**3**	<5	349	<4	5	**20**	<5	38	<0.04	52	242	0.07	11	<0.8	**2**	<1	<5	17	607	---
(Grain elevator)		2-2.5	(u)	<0.8	---	---	---	---	**16**	---	---	---	---	---	---	---	---	<0.5	---	---	---	47	---
		5.5	(u)	---	---	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	37	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		13.7-14.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-131	06/16/00	0-0.5	(u)	**2**	5	448	<4	3	**141**	**10**	19	<0.04	22	127	0.19	**64**	<0.8	**2**	<1	<5	8	194	---
(Grain elevator)		2-2.5	(s)	<0.8	---	---	---	---	**30**	7	---	---	---	---	<0.05	15	---	<0.5	---	---	---	42	---
B-132	06/16/00	0-0.5	(u)	**3.8**	<5	263	<4	<1	13	6	15	0.08	15	**373**	<0.05	11	<0.8	<0.5	1	<5	20	90	---
	Duplicate 14	0-0.5	(u)	**3**	<5	310	<4	<1	**18**	6	13	0.04	14	**387**	<0.05	13	<0.8	<0.5	**2**	<5	28	81	---
		2-2.5	(u)	**2**	---	---	---	---	12	---	---	---	---	344	---	---	---	---	**9**	---	---	35	---
(Grain elevator)		5.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**4**	---	---	45	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2**	---	---	24	---
		11.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**1**	---	---	24	---
		14.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	20	---
		15.6-16	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	---
B-133	06/16/00	0-0.5	(u)	**3**	6	**856**	<4	2	**78**	7	27	<0.04	35	252	<0.05	**37**	<0.8	**1**	**2**	<5	23	250	---
(Grain elevator)		2-2.5	(s)	<0.8	---	486	---	---	**64**	---	---	---	---	---	---	**32**	---	**1**	**2**	---	---	16	---
B-134	06/16/00	0-0.5	(u)	**4**	<5	304	<4	1	**17**	<5	12	<0.04	26	235	<0.05	9	<0.8	**2**	**4**	<5	17	124	---
	Duplicate 13	0-0.5	(u)	**3**	<5	238	<4	3	**23**	<5	32	<0.04	77	183	**0.18**	12	<0.8	**1**	**2**	<5	17	241	---
		2-2.5	(u)	**2**	---	---	---	---	12	---	---	---	---	---	0.07[a]	---	---	**1**	<1	---	---	62	---
(Grain elevator)		5.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	<0.05[a]	---	---	**2**	---	---	---	30	---
		8.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.5	---	---	---	25	---
		11-12	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32	---
B-135	06/16/00	0-0.5	(u)	**4**	<5	461	<4	3	**18**	5	19	0.05	40	**345**	0.08	11	<0.8	**1**	<1	<5	21	286	---
(Grain elevator)		2-2.5	(u)	**1**	---	---	---	---	12	---	---	---	---	170	---	---	---	<0.5	---	---	---	226	---
		5.5	(u)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	165	---
		8.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	---
		11.5	(u)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	---
		13-14	(s)	**1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	---
B-136	06/16/00	0-0.5	(u)	**3**	<5	165	<4	3	**21**	<5	24	0.06	46	224	**0.19**	11	<0.8	**1**	<1	<5	13	250	---
	Duplicate 12	0-0.5	(u)	**2**	<5	149	<4	3	**27**	<5	16	<0.04	42	245	**2.5**	13	<0.8	**2**	<1	<5	13	254	---
(Grain elevator)		2-2.5	(s)	<0.8	---	---	---	---	**35**	---	---	---	---	---	**0.13**	---	---	**1**	---	---	---	276	---
B-137	06/16/00	0-0.5	(u)	**4**	5	286	<4	2	**28**	7	25	0.21	32	**418**	<0.05	17	<0.8	1	**7**	<5	35	208	---
(Grain elevator)		2-2.5	(u)	**2**	---	---	---	---	**55**	---	---	---	---	**460**	---	---	---	1	**2**	---	---	686	---
		5.5	(u)	**2**	---	---	---	---	**15**	---	---	---	---	287	---	---	---	<0.5	<1	---	---	305	---
		8.5	(u)	**2**	---	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	36	---
		11-12	(s)	**2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-138	06/16/00	0-0.5	(u)	3	7	376	<4	18	121	12	66	<0.04	164	204	0.87	57	2	3	<1	6	10	1750	---
(Grain elevator)		2-2.5	(s)	<0.8	---	---	---	<1	44	11	<5	---	<5	---	<0.05	21	<0.8	<0.5	---	---	---	14	---
B-139	06/16/00	0-0.5	(u)	1	<5	170	<4	<1	30	<5	5	<0.04	<5	151	<0.05	14	<0.8	3	<1	<5	7	45	---
(Grain elevator)		2-2.5	(u)	1	---	---	---	---	14	---	---	---	---	---	---	---	---	<0.5	---	---	---	48	---
		5.5	(u)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	---
		8.5	(u)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42	---
		11.5	(u)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45	---
		14.5	(u)	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49	---
		17.5	(u)	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62	---
		20.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53	---
		23.5-24	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-140	06/29/00	0-0.5	(u)	6	---	210	<4	38	15	6	---	<0.04	---	---	2.6	---	3	2	<4	12	17	---	---
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	*<0.05*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	9	30	248	<4	28	61	22	266	<0.04	371	---	2.2	---	3	2	<10	31	13	7989	---
	(SPLP)	*2-2.5*	*(u)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	---	---	---	---	---	---	---	---	*0.19*	---
		5-5.5	(s)	87	253	603	10	42	32	16	2350	<0.04	4212	10990	1.3	---	31	21	<10	516	16	74690	---
	(SPLP)	*5-5.5*	*(s)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	*0.47*	---	---	---	---	---	---	---	*0.27*	---
B-141	06/29/00	0-0.5	(u)	3	---	156	<4	---	16	5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<1	<5	12	---	---
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	---	623	<4	---	15	6	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<2	<5	25	---	---
	(SPLP)	*2-2.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		5-5.6	(u)	3	---	234	<4	2	11	<5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	<2	<5	20	---	---
	(SPLP)	*5-5.6*	*(u)*	---	---	---	---	*<0.05*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8-8.5	(s)	2	9	86	<4	16	24	11	195	<0.04	12	787	0.068	---	<0.8	<0.5	<4	<5	6	---	---
	(SPLP)	*8-8.5*	*(s)*	---	*<0.10*	---	---	*<0.05*	---	---	*<0.10*	---	*<0.10*	*2.0*	---	---	---	---	---	---	---	---	---
B-142	06/29/00	0-0.5	(u)	2	---	151	<4	---	10	<5	---	<0.04	---	---	<0.05	---	<0.8	<0.5	8	<5	10	---	---
	(SPLP)	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	---	229	<4	---	16	7	---	<0.04	---	---	<0.05	---	<0.8	<0.5	2	<5	28	---	---
	(SPLP)	2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		6-6.5	(s)	10	---	181	<4	97	21	10	---	0.08	---	---	0.74	---	11	11	<40	38	6	---	---
	(SPLP)	6-6.5	(s)	---	---	---	---	*0.15*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-143	06/29/00	0-0.5	(u)	28	---	480	6	---	48	46	---	0.3	---	---	1.9	---	6	35	<20	50	7	---	---
	Duplicate 39	0-0.5	(u)	15	56	241	5	447	23	53	626	0.13	1070	14270	0.31	41	1	15	<1	42	9	44310	---
	(SPLP)	*0-0.5*	*(u)*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	3	<5	181	<4	---	25	6	---	<0.04	---	---	0.052	---	<0.8	<0.5	<1	<5	21	---	---
	(SPLP)	*2-2.5*	*(u)*	---	*<0.10*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		5-5.5	(u)	3	---	117	<4	9	18	7	20	<0.04	---	---	0.28	---	<0.8	<0.5	<15	<5	14	1400	---
	(SPLP)	*5-5.5*	*(u)*	---	---	---	---	*<0.05*	---	---	*<0.10*	---	---	---	---	---	---	---	---	---	---	*0.16*	---
		6-6.5	(s)	3	---	58	<4	209	19	38	14	<0.04	---	15240	0.2	---	4	4	<5	<5	8	34500	---
	(SPLP)	*6-6.5*	*(s)*	---	---	---	---	*0.062*	---	---	*<0.10*	---	---	*28*	---	---	---	---	---	---	---	*19.0*	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-144	07/11/00	0-0.5	(u)	1	7	303	<4	4	16	8	23	<0.04	55	472	0.072	12	<0.8	<0.5	<5	<5	29	519	---
(O1 landfill)		2-2.5	(u)	1	5	289	<4	2	13	<5	21	<0.04	53	286	<0.05	9	<0.8	1	<1	<5	25	159	---
(stepout borings)		5.2-6	(s)	1	<5	211	<4	3	16	5	20	<0.04	23	180	<0.05	13	<0.8	<0.5	4	<5	36	203	---
Duplicate 46		5.2-6	(s)	1	6	309	<4	4	15	6	34	<0.04	29	205	<0.05	12	<0.8	<0.5	2	<5	34	323	---
B-145	07/11/00	0-0.5	(u)	1	---	---	---	---	15	---	---	---	---	357	---	---	---	---	<5	---	---	654	---
(O1 landfill)		2-2.5	(u)	1	---	---	---	---	---	---	43	---	---	---	---	---	---	4	---	---	---	508	---
(stepout borings)		5.2-6	(s)	3	---	---	---	---	15	---	351	---	---	---	---	---	---	---	<5	---	15	7965	---
B-146	07/11/00	0-0.5	(u)	1	---	---	---	---	12	---	---	---	---	349	---	---	---	---	<1	---	---	394	---
(O1 landfill)		2-2.5	(u)	1	---	---	---	---	---	---	83	---	---	---	---	---	---	9	---	---	---	2030	---
(stepout borings)		5.2-6	(s)	1	---	---	---	---	15	---	57	---	---	---	---	---	---	---	<5	---	---	1010	---
B-147	07/11/00	0-0.5	(u)	1	14	198	<4	10	21	6	174	<0.04	94	664	0.22	11	1	2	<5	<5	24	754	---
(O1 landfill)		2-2.5	(u)	1	12	292	<4	17	17	5	103	<0.04	292	569	2	12	10	2	<5	75	19	1230	---
(stepout borings)		3.7-4	(s)	4	33	148	<4	78	11	<5	362	<0.04	831	549	363	10	641	46	<5	5	12	9900	---
B-148	07/11/00	0-0.5	(u)	<0.8	---	---	---	---	13	---	42	---	---	510	0.41[a]	---	<0.8	1	<5	---	---	337	---
(O1 landfill)		2-2.5	(u)	2	24	---	---	69	13	---	218	---	219	1270	13[a]	---	18	4	<5	8	---	4594	---
(stepout borings)		5-5.5	(s)	<0.8	11	---	---	18	---	---	50	---	105	---	34[a]	---	35	3	<5	---	---	3000	---
B-149	07/11/00	0-0.5	(u)	---	---	---	---	---	---	---	42	---	---	351	0.096[a]	---	---	2	<5	---	---	326	---
(O1 landfill)		2-2.5	(u)	<0.8	5	---	---	10	---	---	14	---	23	216	0.64[a]	---	2	<0.5	<5	<5	---	272	---
(stepout borings)		5-5.5	(s)	---	<5	---	---	2	---	---	10	---	11	---	0.37[a]	---	<0.8	<0.5	<1	---	---	76	---
B-150	11/05/01	0-0.5	(u)	<0.8	<5.0	87	<4.0	6.6	7.6	<5.0	20	<0.05	19	195	0.07	6.4	<0.8	<0.5	<1	<5.0	14	268	---
Duplicate B-150		0-0.5	(u)	<0.8	7	192	4	23	11	7.5	50	0.08	51	368	0.41	9.4	0.89	0.7	<1	6	17	909	---
(O1 landfill)		2-2.5	(u)	<0.8	5.9	236	6.9	28	18	12	29	<0.05	38	951	0.8	15	<0.8	<0.5	<1	5.5	35	791	---
(stepout borings)		2.5-3	(s)	3.1	39	753	12	443	13	92	386	0.18	1390	9498	56	45	28	17	<1	11	21	23820	---
B-151	11/05/01	0-0.5	(u)	---	---	---	---	87	---	---	153	---	---	---	1.6	---	---	4.7	---	---	---	4341	---
(O1 landfill)		1.5-2	(s)	0.91	48	526	10	281	23	76	612	---	531	2176	5.1	39	4.3	15	---	34	---	12140	---
(stepout borings)																							
B-152	11/05/01	0-0.5	(u)	---	---	---	---	171	---	---	464	---	---	---	0.25	---	---	20	---	---	---	27200	---
(O1 landfill)		1.5-2	(s)	<0.8	<5.0	---	<4.0	1.5	12	<5.0	8.8	---	18	225	<0.05	8	<0.8	<0.5	---	5.5	---	192	---
(stepout borings)																							

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-153	07/10/00	0-0.5	(u)	0.9	<5	625	<4	7	9	<5	15	<0.04	11	259	<0.05	6	1.1	0.6	<1	<5	18	184	---
(O1 landfill)		2-2.5	(u)	3.3	26	293	<4	39	13	6	245	<0.04	283	803	1.5	10	2.6	2.8	<5	7	24	3126	---
(stepout borings)		5.5-6	(s)	11.6	82	313	<4	253	18	66	2584	0.11	1040	7285	23	56	2.9	9.2	<5	29	21	17320	---
	Duplicate 42	5.5-6	(s)	32	165	280	6	153	31	51	5872	0.17	1570	5084	7.5	68	7	11	<1	45	14	19580	---
B-154	07/10/00	0-0.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	2.7	3.5	---	---	---	618	---
(O1 landfill)		2-2.5	(u)	3.1	12	---	---	13	---	---	163	---	411	562	2.3	---	23.5	3.3	<5	---	---	2470	---
(stepout borings)		4.7-5.5	(s)	95.9	86	---	<4	15	30	8	796	---	2920	4915	7.5	10	11.3	7.6	<5	526	---	34140	---
B-155	07/10/00	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	3.2	3.1	---	---	---	4350	---
(O1 landfill)		2-2.5	(u)	<0.8	11	---	---	4	---	---	323	---	1890	705	8.7	---	50.2	4.5	2	---	---	382	---
(stepout borings)		3-3.5	(s)	<1.5	<5	---	---	1	---	---	12	---	28	134	0.16	---	1.2	<0.5	8	<5	---	300	---
B-156	07/10/00	0-0.5	(u)	2.8	30	182	<4	23	13	8	520	<0.04	157	487	0.1	12	1	2.3	<5	<5	22	2200	---
		2.3-3	(s)	<0.8	<5	99	<4	1	15	6	8	<0.04	6	191	<0.05	8	1.3	<0.5	<5	<5	7	51	---
	Duplicate 43	2.3-3	(s)	2	<5	68	<4	2	18	8	27	<0.04	9	86	<0.05	9	<0.8	<0.5	4	<5	<5	98	---
(east/west lagoons)																							
(stepout borings)																							
B-157	07/10/00	0-0.5	(u)	<0.8	5	---	---	2	---	---	25	---	57	291	0.51	---	<0.8	<0.5	4	---	---	285	---
(east/west lagoons)		2.3-3	(s)	0.9	---	---	---	---	---	---	<5	---	---	---	---	---	0.9	---	<5	---	---	35	---
(stepout borings)																							
B-158	07/10/00	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	4.5	---	---	---	<5	---	---	5255	---
(east/west lagoons)		2.3-3	(s)	0.8	---	---	---	---	---	---	---	---	---	---	---	---	1	---	<5	---	---	58	---
(stepout borings)																							
B-159	07/11/00	0-0.5	(u)	3	21	285	<4	35	17	6	169	<0.04	250	558	4	11	2	3	<5	13	18	3762	---
		2-2.5	(s)	1	<5	255	<4	1	28	7	8	<0.04	13	110	0.27	16	<0.8	<0.5	<5	<5	15	129	---
	Duplicate 45	2-2.5	(s)	<0.8	<5	135	<4	2	38	8	8	<0.04	13	83	<0.05	20	1	<0.5	<5	<5	13	107	---
(east/west lagoons)																							
(stepout borings)																							
B-160	07/11/00	0-0.5	(u)	3	11	---	---	94	14	---	315	---	787	423	39[a]	---	168	14	<5	7	---	4379	---
(east/west lagoons)		2-2.5	(s)	<0.8	---	---	---	---	12	---	---	---	---	---	1.2[a]	---	21	---	<5	---	---	980	---
(stepout borings)																							
B-161	07/11/00	0-0.5	(u)	19	---	---	---	166	---	---	1640	---	9746	442	213[a]	---	1620	211	<5	---	---	4993	---
(east/west lagoons)		2-2.5	(s)	---	---	---	---	---	---	---	---	---	---	---	2.5[a]	---	363	---	<5	---	---	1150	---
(stepout borings)																							

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-162	11/05/01	0-0.5	(u)	0.82	23	580	7.3	74	18	10	135	<0.05	349	470	0.56	15	1	5	<1	15	35	6653	---
(east/west lagoons)		1-1.2	(s)	<0.8	11	653	5.4	23	14	7.3	32	<0.05	135	345	0.75	11	<0.8	1.3	<1	8	37	1495	---
(stepout borings)																							
B-163	11/05/01	0-0.5	(u)	<0.8	9.3	---	<4.0	19	11	7.8	31	---	100	762	0.07	---	<0.8	0.81	---	7.1	---	1178	---
(east/west lagoons)		1-1.2	(s)	---	12	---	<4.0	31	---	---	59	---	136	---	0.32	---	---	2.8	---	7.2	27	2091	---
(stepout borings)																							
B-164	11/05/01	0-0.5	(u)	---	---	---	---	262	---	---	---	---	---	710	---	---	---	11	---	---	---	10740	---
(east/west lagoons)		1-1.2	(s)	---	6.4	---	---	20	---	---	24	---	57	---	0.09	---	---	0.52	---	---	---	769	---
(stepout borings)																							
B-165	11/05/01	0-0.5	(u)	1.3	32	269	8	55	15	7.4	337	<0.05	260	742	2.9	10	3.7	2.2	<1	15	25	6764	---
Duplicate B-165		0-0.5	(u)	0.96	31	295	8.6	45	14	7.6	248	<0.05	248	766	3.2	11	3.5	1.8	<1	13	26	5304	---
(east/west lagoons)		2-2.5	(s)	<0.8	8.9	256	7.9	1.4	18	8.9	21	<0.05	17	431	<0.05	14	<0.8	<0.5	<1	6	43	137	---
(stepout borings)																							
B-166	11/05/01	0-0.5	(u)	1.3	22	---	7.2	29	13	---	170	---	285	559	1.4	---	1.6	2.2	---	14	---	2621	---
(east/west lagoons)		2-2.3	(s)	---	---	---	6.4	---	18	---	353	---	---	---	---	---	---	---	---	---	21	3173	---
(stepout borings)																							
B-167	11/05/01	0-0.5	(u)	2.2	39	---	7.9	120	---	---	220	---	634	937	1.2	---	1	7.1	---	33	---	11010	---
(east/west lagoons)		2-2.3	(s)	---	---	---	6.7	---	14	---	144	---	---	---	---	---	---	---	---	---	---	10260	---
(stepout borings)																							
B-168	11/05/01	0-0.5	(u)	<0.8	<5	75	11	5.5	12	7.7	57	<0.05	44	257	<0.05	9.7	<0.8	<0.5	<1	6.5	11	388	---
(east/west lagoons)		2-2.5	(u)	<0.8	27	273	8.4	6.3	18	8.6	34	0.09	40	448	<0.05	15	<0.8	0.960	<1	6.1	40	492	---
(stepout borings)		2.5-3.1	(s)	<0.8	16	344	11	4.4	21	8.8	110	<0.05	58	387	0.09	15	<0.8	<0.5	<1	8.8	46	653	---
B-169	11/05/01	0-0.5	(u)	---	---	---	<4.0	---	---	---	19	---	---	---	---	---	---	---	---	---	---	953	---
(east/west lagoons)		1-1.5	(s)	---	16	---	<4.0	29	13	---	60	---	173	1091	---	---	---	5.8	---	13	21	2677	---
(stepout borings)																							
B-170	11/05/01	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3349	---
(east/west lagoons)		2-2.5	(u)	---	8.2	---	---	5.9	---	---	57	---	68	326	---	---	---	<0.5	---	8.5	---	805	---
(stepout borings)		2.7-3	(s)	---	8.9	---	---	8.8	---	---	19	---	48	451	---	---	---	<0.5	---	6.4	---	781	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-171	11/05/01	0-0.5	(u)	<0.8	9.1	283	**11**	3.4	**20**	8.5	**46**	<0.05	57	**480**	0.07	14	<0.8	<0.5	<1	**8.6**	**40**	496	---
(east/west lagoons)		2-2.5	(u)	<0.8	7.2	277	**10**	<1.0	**22**	9	11	<0.05	13	**569**	<0.05	15	<0.8	<0.5	<1	5.6	**46**	67	---
(stepout borings)		3.8-4.2	(s)	<0.8	8.5	280	**12**	<1.0	**20**	8.8	16	<0.05	18	448	<0.05	14	<0.8	<0.5	<1	5.7	**45**	108	---
B-172	11/05/01	0-0.5	(u)	---	---	---	**6.3**	---	**23**	---	**155**	---	---	**679**	---	---	---	---	---	**15**	20	3096	---
(east/west lagoons)		1.8-2.3	(s)	---	---	---	**10**	---	**21**	---	---	---	---	**796**	---	---	---	---	---	---	25	4305	---
(stepout borings)																							
B-173	11/05/01	0-0.5	(u)	---	---	---	**6.3**	---	13	---	**64**	---	---	**476**	---	---	---	---	---	**22**	---	3234	---
(east/west lagoons)		2-2.5	(u)	---	---	---	**6.7**	---	14	---	---	---	---	**373**	---	---	---	---	---	---	---	233	---
(stepout borings)		2.8-3	(s)	---	---	---	**5.4**	---	12	---	---	---	---	**1279**	---	---	---	---	---	---	---	2195	---
B-174 through B-179 (see Background)																							
B-180	11/07/01	0-0.5	(u)	---	---	---	---	---	**16**	5.3	---	---	---	---	---	11	---	---	---	---	---	---	---
(Old Casting Building)																							
(Step out from B-59)																							
B-181	11/07/01	0-0.5	(u)	---	---	---	---	---	8.3	5.6	---	---	---	---	---	5.2	---	---	---	---	---	---	---
(Old Casting Building)																							
(Step out from B-180)																							
B-182	11/06/01	0-0.5	(u)	---	---	---	4.7	<1.0	14	---	9.9	---	---	309	<0.05	---	---	<0.5	---	<5	---	---	---
(Facility NO. 1)		2-2.5	(u)	---	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-67)																							
B-183	11/06/01	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Facility NO. 1)		2-2.5	(u)	---	---	---	---	---	**16**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-182)																							
B-184	11/06/01	0-0.5	(u)	**571**	---	---	---	---	---	---	---	---	---	**9576**	---	---	---	---	---	---	---	---	---
Duplicate B-184		0-0.5	(u)	**606**	---	---	---	---	---	---	---	---	---	**10340**	---	---	---	---	---	---	---	---	---
(Numbered Bins)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	323	---	---	---	---	---	---	---	---	---
(Step out from B-55)																							
B-185	11/06/01	0-0.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	265	---	---	---	---	---	---	---	---	---
(Numbered Bins)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	204	---	---	---	---	---	---	---	---	---
(Step out from B-184)																							

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-186	11/06/01	0-0.5	(u)	<0.8	---	---	---	1.7	<5	---	14	---	7.6	---	<0.05	---	<0.8	<0.5	---	---	---	---	---
(Building No. 3)		2-2.5	(u)	<0.8	---	---	---	<1	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-94)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.7-12.5	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-187	11/06/01	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Building No. 3)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-186)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.7-12.5	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-188	11/06/01	0-0.5	(u)	**7**	**80**	---	<5	**126**	**945**	**12**	**451**	0.09	**1758**	**427**	**4.36**	---	**6.7**	**17**	<1	**28**	28	---	---
	Duplicate B-188	0-0.5	(u)	**8.6**	**113**	---	<5	**156**	**1202**	**15**	**574**	0.16	**2745**	**544**	**3.24**	---	**7.6**	**21**	<1	**40**	27	---	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	**244**	**37**	---	**29**	---	---	**1207**	---	---	---	---	---	---	---	---	---
(Step out from B-105)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-188a	02/11/03	5.5	(u)	---	5.7	---	---	<1	14	5.2	7.5	---	<5	322	<0.05	---	<0.8	<0.5	---	<5	---	---	---
	Duplicate-1	5.5	(u)	---	<5	---	---	<1	13	5.3	7.3	---	6.8	298	---	---	<0.8	<0.5	---	<5	---	---	---
(Bone Yard)																							
(Step out from B-105)																							
(Offset of B-188)																							
B-189	11/06/01	0-0.5	(u)	**19**	**170**	---	---	**371**	**18**	**10**	**687**	---	**3510**	**1008**	**1.69**	---	**7.3**	**73**	---	**76**	---	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	<1	12	---	13	---	---	**387**	---	---	---	---	---	---	---	---	---
(Step out from B-188)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-190	11/07/01	0-0.5	(u)	<0.8	5.3	---	<5	**292**	14	7.2	19	0.07	61	**621**	<0.05	---	<0.8	<0.5	<1	6.1	19	---	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	**90**	14	---	**14**	---	---	**438**	---	---	---	---	---	---	---	---	---
(Step out from B-107)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-191	11/07/01	0-0.5	(u)	---	---	---	---	**149**	---	---	---	---	---	**454**	---	---	---	---	---	---	---	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	**5**	---	---	---	---	---	**397**	---	---	---	---	---	---	---	---	---
(Step out from B-190)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-192	11/07/01	0-0.5	(u)	<0.8	12	---	<5	**94**	11	6.1	**60**	0.08	**110**	**537**	**0.43**	---	<0.8	**1.6**	<1	5.7	13	---	---
Duplicate B-192		0-0.5	(u)	<0.8	9.9	---	<5	**99**	11	6.1	**46**	<0.05	**62**	**585**	**0.21**	---	<0.8	**1.1**	<1	5.2	14	---	---
(Bone Yard)		2-2.5	(u)	<0.8	---	---	---	**24**	12	---	16	---	---	305	---	---	---	---	---	---	---	---	---
(Step out from B-106)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-193	11/07/01	0-0.5	(u)	---	---	---	---	**73**	---	---	**142**	---	**270**	**596**	**4.13**	---	---	**3.7**	---	---	---	---	---
(Bone Yard)		2-2.5	(u)	---	---	---	---	1.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-192)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10.5-11	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-194	11/08/01	0-0.5	(u)	<0.8	<5	513	4.7	3.8	14	**13**	12	---	8.6	208	---	---	---	<0.5	---	---	32	---	---
(Building C)		2-2.5	(u)	<0.8	---	321	---	---	---	---	---	---	---	272	---	---	---	---	---	---	---	---	---
(Step out from B-33)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		13-14	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-195	11/07/01	0-0.5	(u)	---	---	---	---	---	---	**26**	---	---	---	---	---	---	---	---	---	---	---	---	---
Duplicate B-195		0-0.5	(u)	---	---	---	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	---	---
(Building C)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Step out from B-194)		5.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		13-14	(s)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-196	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	**15**	---	---	---	---	---	---	---	---	<0.5	---	---	---	---	---
(Grain Elev.)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(step out from B-139)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		17.5	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-197	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	**440**	---	---	---	---	<1	---	---	---	---
(Grain Elev.)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	---
(step out from B-132)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		15-16	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-198	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	---	---	---	---	<0.5	---	---	---	---	---
(Grain Elev.)		2-2.5	(u)	---	---	---	---	---	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(step out from B-130)																							
B-199	11/08/01	0-0.5	(u)	<0.8	---	---	---	12	9.1	7.1	38	---	49	---	**0.24**	7.9	<0.8	**0.57**	---	---	---	---	---
	Duplicate	0-0.5	(u)	<0.8	---	---	---	12	8.3	5.9	33	---	45	---	**0.21**	7.2	<0.8	**0.67**	---	---	---	---	---
(Grain Elev.)		2-2.5	(u)	---	---	---	---	---	<5	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---
(step out from B-138)																							
B-200	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	8.7	**9.9**	---	---	---	---	0.05	7	---	<0.5	---	---	---	---	---
(Grain Elev.)																							
(step out from B-131)																							
B-201	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	12	---	---	---	---	---	<0.05	---	---	<0.5	---	---	---	---	---
(Grain Elev.)		2-2.5	(u)	---	---	---	---	---	8.2	---	---	---	---	---	<0.05	---	---	<0.5	---	---	---	---	---
(step out from B-136)																							
B-202	11/08/01	0-0.5	(u)	<0.8	---	136	---	---	18	---	---	---	---	---	---	9.4	---	<0.5	<1	---	<5	---	---
(Grain Elev.)		2-2.5	(s)	---	---	**620**	---	---	20	---	---	---	---	---	---	**11**	---	<0.5	<1	---	---	---	---
(step out from B-133)																							
B-203	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	**15**	---	---	---	---	---	<0.05	---	---	<0.5	<1	---	---	---	---
(Grain Elev.)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	<0.05	---	---	<0.5	---	---	---	---	---
(step out from B-134)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	0.54	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11-12	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-204	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	**20**	---	---	---	---	**365**	---	---	---	<0.5	---	---	---	---	---
(Grain Elev.)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(step out from B-135)		5.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		13-14	(s)	<0.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-205	11/08/01	0-0.5	(u)	<0.8	---	---	---	---	13	---	---	---	---	**407**	---	---	---	<0.5	<1	---	---	---	---
Duplicate B-205		0-0.5	(u)	<0.8	---	---	---	---	13	---	---	---	---	**431**	---	---	---	<0.5	<1	---	---	---	---
(Grain Elev.)		2-2.5	(u)	<0.8	---	---	---	---	**15**	---	---	---	---	315	---	---	---	<0.5	<1	---	---	---	---
(step out from B-137)		5.5	(u)	<0.8	---	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-206	02/11/03	0-0.5	(u)	<0.8	---	---	---	<1	**18**	---	14	---	11	---	<0.05	---	---	<0.5	---	---	---	---	---
(waste pile)		2-2.5	(u)	<0.8	---	---	---	---	---	---	---	---	---	**441**	---	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	<0.8	---	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	<0.8	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	<0.8	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	<0.8	---	---	---	---	**17**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		17-17.5	(s)	<0.8	---	---	---	---	8.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-207	02/11/03	0-0.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(waste pile)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	**396**	---	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	**20**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	**26**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-208	02/11/03	0-0.5	(u)	---	---	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(waste pile)		2-2.5	(u)	---	---	---	---	---	---	---	---	---	---	**458**	---	---	---	---	---	---	---	---	---
(step out boring)		5.5	(u)	---	---	---	---	---	**20**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8.5	(u)	---	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11.5	(u)	---	---	---	---	---	**23**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		14.5	(u)	---	---	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-209	02/12/03	0-0.5	(u)	---	---	---	---	**73**	---	---	---	---	**420**	---	**4.5**	---	**6.4**	---	---	---	---	---	---
Duplicate-3		0-0.5	(u)	---	---	---	---	**55**	---	---	---	---	**244**	---	**2.5**	---	**3.1**	---	---	---	---	---	---
(east/west lagoons)		1.2-1.6	(s)	---	---	---	---	**70**	---	---	---	---	**288**	---	**10**	---	**4.3**	---	---	---	---	---	---
(stepout borings)																							
B-210	02/12/03	0-0.5	(s)	---	---	---	---	9.4	---	---	---	---	57	---	**0.78**	---	**2.5**	---	---	---	---	---	---
(east/west lagoons)																							
(stepout borings)																							
B-211	02/12/03	0-0.5	(s)	---	---	---	---	**70**	---	---	---	---	**328**	---	**0.37**	---	**3.5**	---	---	---	---	---	---
(east/west lagoons)																							
(stepout borings)																							
B-212	02/12/03	0-0.5	(u)	---	---	---	---	**31**	---	---	---	---	45	---	0.054	---	<0.8	---	---	---	---	---	---
(east/west lagoons)		0.5-1	(s)	---	---	---	---	3.0	---	---	---	---	6.1	---	<0.05	---	<0.8	---	---	---	---	---	---
(stepout borings)																							

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-213	02/12/03	0-0.5	(u)	---	---	---	---	88	---	---	---	---	733	---	94	---	43	---	---	---	---	---	---
(east/west lagoons)		1.2-1.6	(s)	---	---	---	---	62	---	---	---	---	233	---	1.5	---	28	---	---	---	---	---	---
(stepout borings)																							
B-214	02/12/03	0-0.5	(s)	---	---	---	---	2.6	---	---	---	---	66	---	2.1	---	1.7	---	---	---	---	---	---
(east/west lagoons)																							
(stepout borings)																							
B-215	02/12/03	0-0.5	(s)	---	---	---	---	51	---	---	---	---	401	---	1.9	---	<0.8	---	---	---	---	---	---
(east/west lagoons)																							
(stepout borings)																							
B-216	02/12/03	0-0.5	(s)	---	---	---	---	15	---	---	---	---	96	---	0.46	---	0.93	---	---	---	---	---	---
(east/west lagoons)																							
(stepout borings)																							
B-217	02/11/03	0-0.5	(u)	1.2	---	---	---	23	14	---	91	---	---	702	10	---	1.6	2.0	---	6.7	---	---	---
(O1 landfill)		2-2.5	(u)	0.83	18	---	---	28	13	8.0	83	---	118	511	0.4	---	2.9	2.1	<1	<5	---	---	---
(stepout borings)		3-3.5	(s)	14	23	---	---	177	12	28	453	---	524	2827	0.28	---	0.9	2.0	4	78	---	---	---
B-218	02/11/03	0-0.5	(s)	4.3	14	---	---	94	---	41	252	---	303	3818	0.21	---	0.92	0.8	2	9.1	---	---	---
(O1 landfill)																							
(stepout borings)																							
B-219	02/11/03	0-0.5	(u)	<0.8	6.9	---	---	<1	13	5.6	5.9	---	13	367	---	---	---	---	---	---	---	---	---
	Duplicate-2	0-0.5	(u)	<0.8	<5	---	---	<1	13	5.6	9.9	---	10	333	---	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	<0.8	<5	---	---	<1	14	5.7	7.0	---	11	325	---	---	---	---	---	---	---	---	---
(stepout borings)		4-4.5	(s)	<0.8	12	---	---	130	12	9.2	1176	---	11	6203	---	---	---	---	---	---	---	---	---
B-220	02/11/03	0-0.5	(u)	---	---	---	---	---	---	---	---	---	---	384	---	---	---	---	---	---	---	---	---
(O1 landfill)		4.5-5	(s)	---	<5	---	---	82	---	---	315	---	---	7863	---	---	---	---	---	---	---	---	---
(stepout borings)																							
B-221	02/11/03	0-0.5	(u)	1.1	---	---	---	21	16	---	205	---	---	---	0.38	---	<0.8	<0.5	<1	5.2	---	---	---
(O1 landfill)		2-2.5	(u)	1.5	---	---	---	<1	17	---	8.7	---	---	---	<0.05	---	<0.8	<0.5	<1	<5	---	---	---
(stepout borings)		4.7-5	(s)	1.4	---	---	---	327	10	---	260	---	---	---	0.17	---	<0.8	2.6	<1	6.1	---	---	---
B-222	02/11/03	0-0.5	(u)	2.9	---	---	---	26	32	---	522	---	---	---	<0.05	---	---	---	---	---	---	---	---
(O1 landfill)		2-2.5	(u)	<0.8	---	---	---	---	40	---	---	---	---	---	<0.05	---	---	---	---	---	---	---	---
(stepout borings)		4.7-5	(s)	0.84	---	---	---	181	---	---	80	---	---	---	2.3	---	---	0.58	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
B-223	02/11/03	0-0.5	(u)	**24**	**553**	---	<10	**343**	**27**	**53**	**9588**	<0.1	**5184**	**37520**	**1.1**	**49**	**1.0**	**37**	---	**215**	---	---	---
(O1 landfill)		0.9-1.2	(s)	**82**	**4443**	---	<50	**364**	**18**	**65**	**53520**	**0.26**	**9904**	**11320**	**0.56**	**82**	**23**	**30**	---	**130**	---	---	---
(stepout borings)																							
B-224	02/11/03	0-0.4	(u)	**3.0**	**23**	---	<4	**30**	**31**	9.0	**471**	<0.1	**370**	**1941**	**0.28**	17	<0.8	**1.6**	---	**14**	---	---	---
(O1 landfill)		0.4-0.9	(s)	**0.84**	11	---	<4	**26**	**19**	6.7	**131**	<0.1	57	**353**	**0.28**	12	<0.8	<0.5	---	<5	---	---	---
(stepout borings)																							

Field Quality Control Samples

Identification	Sample Date																					
Field Blank	6/13/00	<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	---
Field Blank	6/14/00	<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	---
Field Blank	6/15/00	<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	---
Field Blank	6/16/00	<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	---
Field Blank	6/19/00	<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	---
Field Blank	6/20/00	<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	---
Field Blank	6/21/00	<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	---
Field Blank	6/22/00	<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	---
Field Blank	6/23/00	<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	0.092	<0.05	<0.05	---
Field Blank	6/26/00	<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	---
Field Blank	6/27/00	<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	0.083	<0.05	<0.05	---
Field Blank	6/28/00	<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	---
Field Blank	6/29/00	<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	0.07	<0.05	<0.05	---
Field Blank	6/30/00	<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	0.08	<0.05	<0.05	---
Field Blank	7/10/00	<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	---
Field Blank	7/11/00	<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	0.07	<0.05	<0.05	---
Field Blank	1/15/01	---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Field Blank	1/16/01	---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Field Blank	1/17/01	---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Field Blank	11/6/01	---	---	---	<0.05	<0.01	<0.01	---	<0.05	---	---	<0.015	<0.0005	---	---	<0.005	---	<0.05	---	---	---
Field Blank	11/8/01	<0.05	---	---	---	<0.01	<0.01	<0.05	<0.05	---	<0.05	---	<0.0005	<0.05	<0.01	<0.005	---	---	---	---	---
Field Blank-2	11/8/01	<0.05	---	---	---	---	<0.01	---	---	---	---	<0.015	---	---	---	<0.005	<0.002	---	---	---	---
Field Blank	2/11/03	---	---	---	---	<0.005	<0.01	---	<0.025	---	---	<0.015	---	---	---	---	---	---	---	---	---
Field Blank-2	2/11/03	<0.05	<0.005	---	---	<0.005	<0.01	<0.05	<0.025	---	<0.01	<0.015	<0.0005	---	<0.01	<0.005	<0.002	<0.05	---	---	---
Field Blank-3	2/12/03	<0.05	<0.005	---	<0.05	<0.005	<0.01	<0.05	<0.025	<0.004	<0.01	<0.015	<0.0005	<0.05	<0.01	<0.005	---	<0.05	---	---	---
Equipment 1	6/12/00	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	---	<0.02	<0.015	---	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05	---
Equipment 2	6/12/00	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	---	<0.02	<0.015	---	<0.05	0.01	<0.005	<0.002	<0.05	<0.05	<0.05	---
Equipment 3	6/12/00	<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	---	<0.02	<0.015	---	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	<0.05	---
Equipment 4	6/13/00	<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	---
Equipment 5	6/13/00	<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	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
Equipment 6		6/13/00		<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	---
Equipment 7		6/14/00		<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	---
Equipment 8		6/14/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.05	---
Equipment 9		6/15/00		<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	0.24	---
Equipment 10		6/15/00		<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	---
Equipment 11		6/15/00		<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	---
Equipment 12		6/16/00		<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	---
Equipment 13		6/16/00		<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	---
Equipment 14		6/16/00		<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	---
Equipment 15		6/19/00		<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	---
Equipment 16		6/19/00		<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	---
Equipment 17		6/19/00		<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	---
Equipment 18		6/20/00		<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	---
Equipment 19		6/20/00		<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	---
Equipment 20		6/20/00		<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	---
Equipment 21		6/21/00		<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	---
Equipment 22		6/21/00		<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	---
Equipment 23		6/22/00		<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	---
Equipment 24		6/22/00		<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	---
Equipment 25		6/23/00		<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	0.11	<0.05	<0.05	---
Equipment 26		6/23/00		<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	0.11	<0.05	<0.05	---
Equipment 27		6/23/00		<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	0.097	<0.05	<0.05	---
Equipment 28		6/23/00		<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	0.081	<0.05	<0.05	---
Equipment 29		6/26/00		<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	---
Equipment 30		6/26/00		<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	---
Equipment 31		6/27/00		<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	0.08	<0.05	<0.05	---
Equipment 32		6/27/00		<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	0.078	<0.05	<0.05	---
Equipment 33		6/27/00		<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	0.082	<0.05	<0.05	---
Equipment 34		6/28/00		<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	0.07	<0.05	<0.05	---
Equipment 35		6/28/00		<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	0.07	<0.05	<0.05	---
Equipment 36		6/28/00		<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	0.08	<0.05	<0.05	---
Equipment 37		6/29/00		<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	---
Equipment 38		6/29/00		<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	0.06	<0.05	<0.05	---
Equipment 39		6/29/00		<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	0.06	<0.05	<0.05	---
Equipment 40		6/30/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.05	---
Equipment 41		6/30/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	<0.05	<0.05	0.05	---
Equipment 42		7/10/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	0.1	<0.05	0.05	---
Equipment 43		7/10/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	0.1	<0.05	0.05	---
Equipment 44		7/10/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	0.09	<0.05	0.05	---
Equipment 45		7/11/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	0.06	<0.05	0.05	---
Equipment 46		7/11/00		<0.05	<0.005	<0.05	<0.05	<0.01	<0.01	<0.05	<0.05	<0.004	<0.02	<0.015	0.0006	<0.05	<0.01	<0.005	<0.002	0.05	<0.05	0.05	---
Equipment 48		1/15/01		---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Equipment 49		1/16/01		---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Equipment 50		1/17/01		---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Equipment 51		1/17/01		---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---

Table 5. Analytical Results Summary - Soil (mg/kg), Updated April 2003, 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	pH
Equipment 52		1/17/01		---	---	---	---	---	---	---	---	<0.008	---	---	<0.0005	---	---	---	---	---	---	---	---
Equipment Blank		11/6/01		---	---	---	<0.05	<0.01	<0.01	---	<0.05	---	---	<0.015	<0.0005	---	---	<0.005	---	<0.05	---	---	---
Equipment Blank		11/8/01		<0.05	---	---	---	<0.01	<0.01	<0.05	<0.05	---	<0.05	---	<0.0005	<0.05	<0.01	<0.005	---	---	---	---	---
Equipment Blank-2		11/8/01		<0.05	---	---	---	---	<0.01	---	---	---	---	<0.015	---	---	---	<0.005	<0.002	---	---	---	---
Equipment Blank		2/11/03		---	---	---	---	<0.005	<0.01	---	<0.025	---	---	<0.015	---	---	---	---	---	---	---	---	---
Equipment Blank-2		2/11/03		<0.05	<0.005	---	---	<0.005	<0.01	<0.05	<0.025	---	<0.01	<0.015	<0.0005	---	<0.01	<0.005	<0.002	<0.05	---	---	---
Equipment Blank-3		2/12/03		<0.05	<0.005	---	<0.05	<0.005	<0.01	<0.05	<0.025	<0.004	<0.01	<0.015	<0.0005	<0.05	<0.01	<0.005	---	<0.05	---	---	---

(u) Unsaturated soil sample.

(s) Saturated soil sample.

(dup) *Duplicate soil sample.*

(SPLP) Synthetic Precipitation Leaching Procedure - analytical results shown in *italics.*

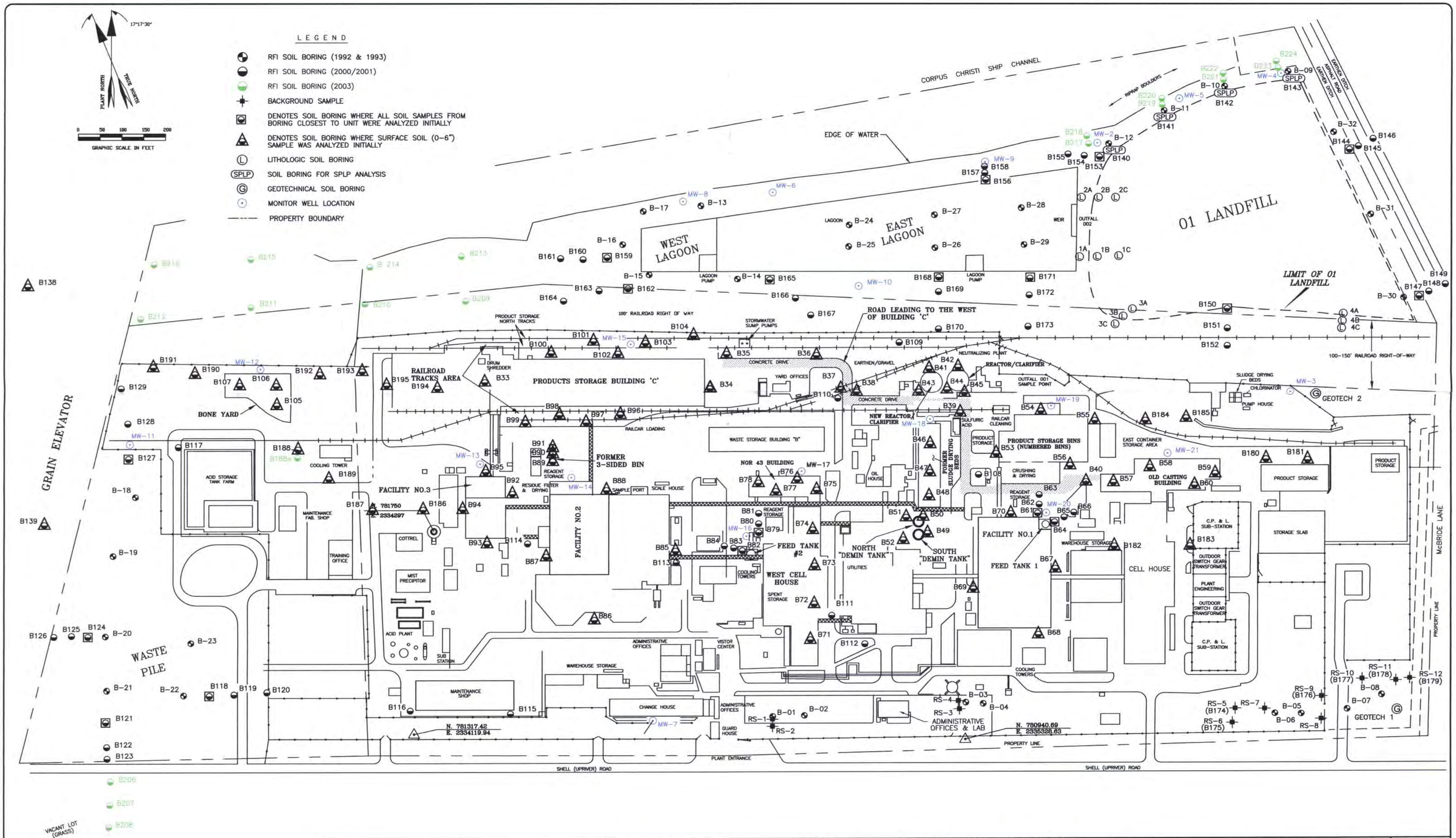
* Surface soil sample adjacent to previously constructed background soil boring.

a Sample re-collected and re-analyzed within EPA-specified holding time. Initially collected sample not analyzed within EPA-specified holding time.

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

na or --- - Not Analyzed

FIGURES



ARCADIS

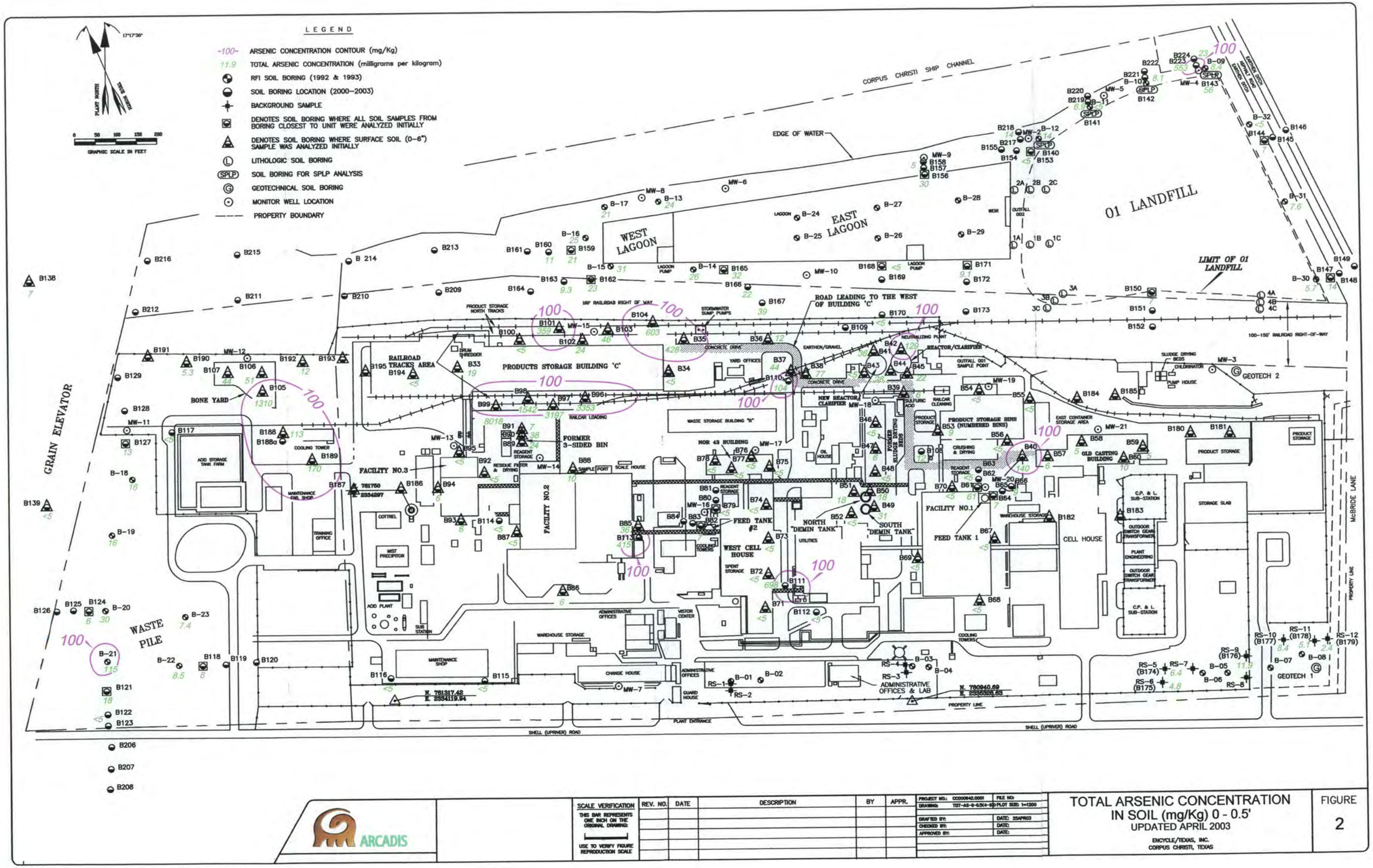
SCALE VERIFICATION	REV. NO.	DATE	DESCRIPTION	BY	APPR.
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:					
USE TO VERIFY FIGURE REPRODUCTION SCALE					

PROJECT NO.: CC000842.0001	FILE NO:
DRAWING: S-BOR-LOC4-03	PLOT SIZE: 1=1200
DRAFTED BY:	DATE:
CHECKED BY:	DATE:
APPROVED BY:	DATE:

SOIL BORING LOCATION MAP
UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE
1



ARCADIS

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

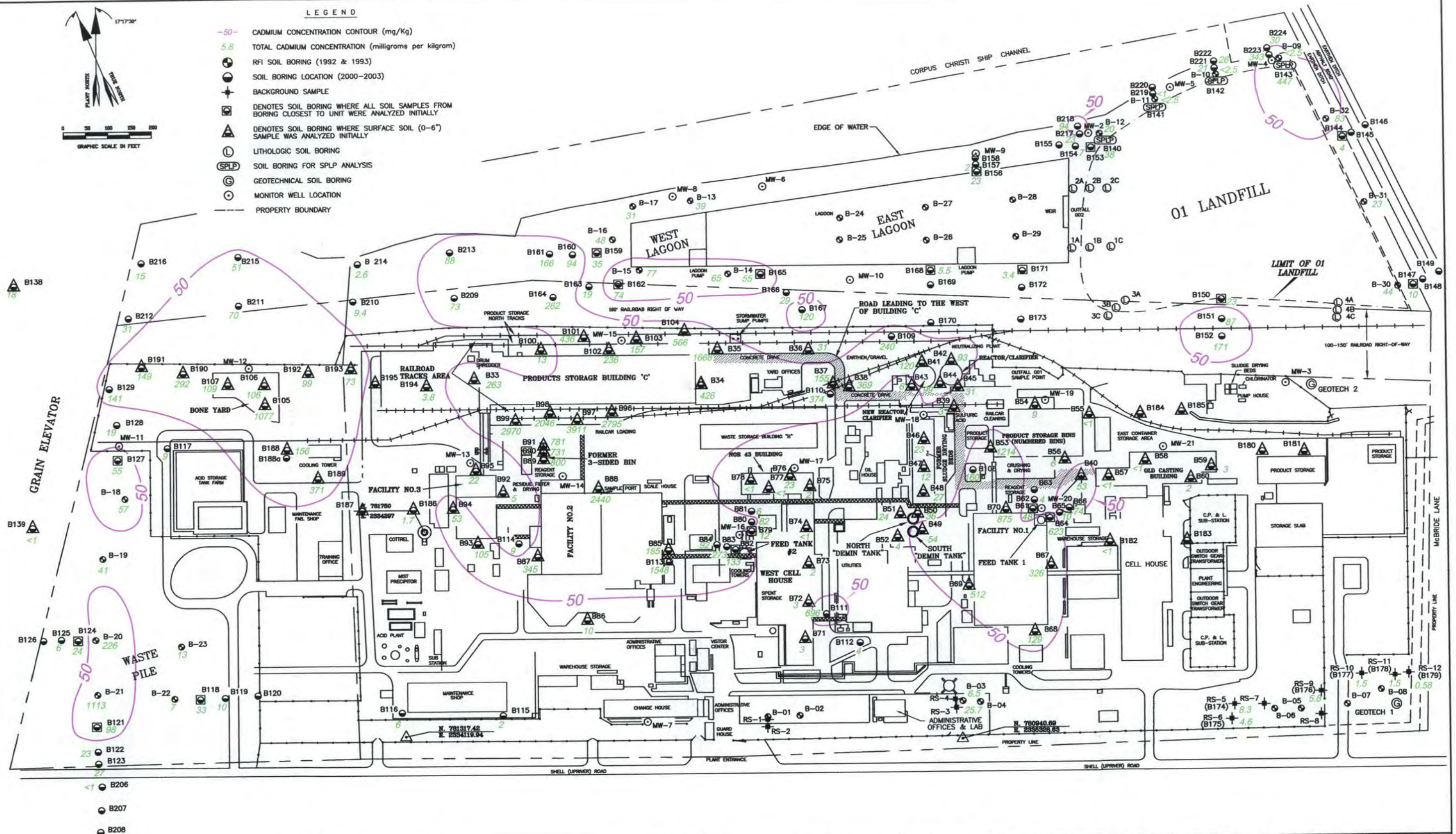
PROJECT NO.: CC000942.0001	FILE NO:
DRAWING: T07-AS-0-0.5X4-GD	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL ARSENIC CONCENTRATION IN SOIL (mg/Kg) 0 - 0.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 2



ARCADIS

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

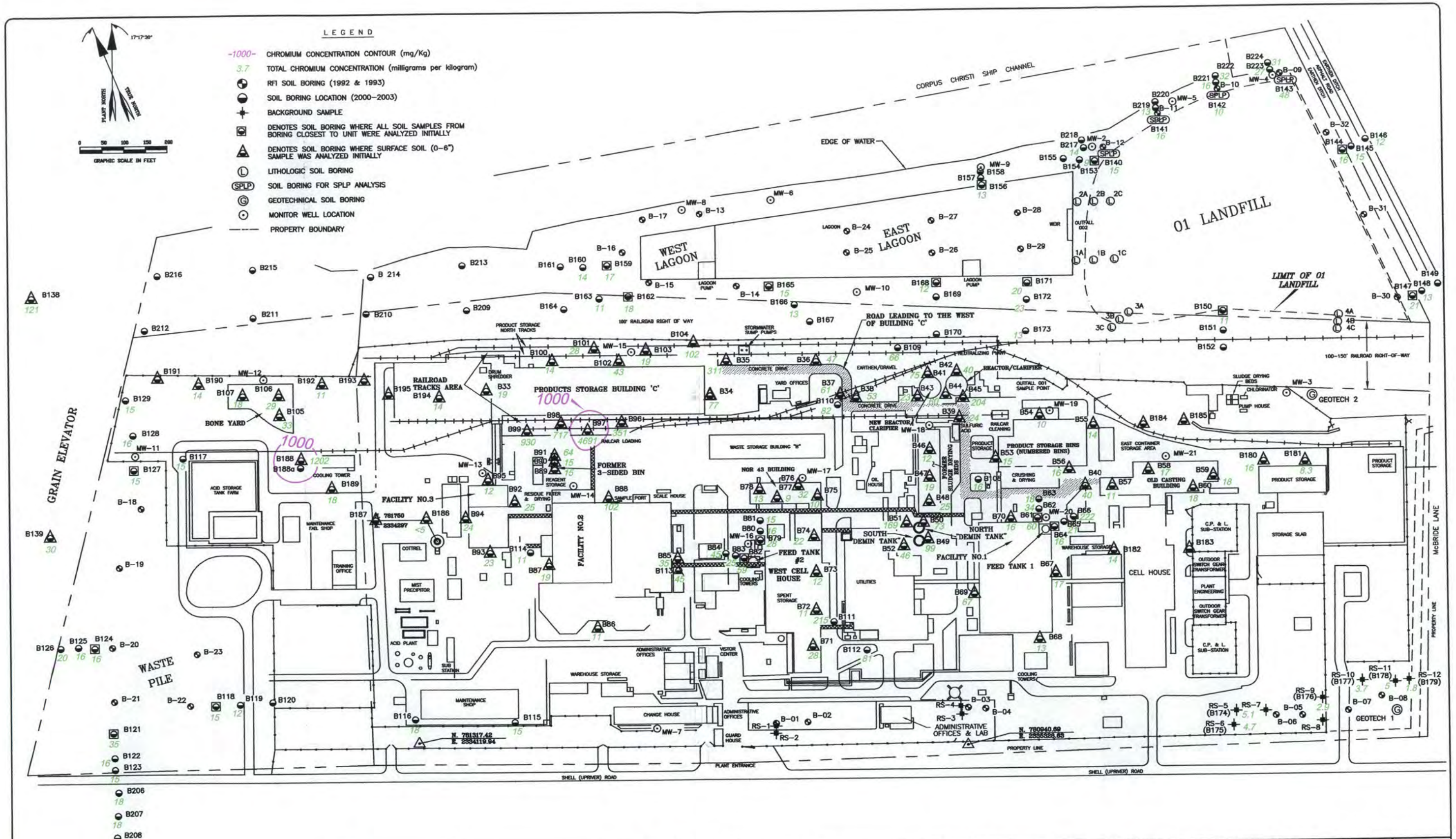
PROJECT NO.: CC0000842.0001	FILE NO:
DRAWING: T127-C-6-05\14-03	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL CADMIUM CONCENTRATIONS IN SOIL (mg/Kg) 0 - 0.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 3



ARCADIS

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

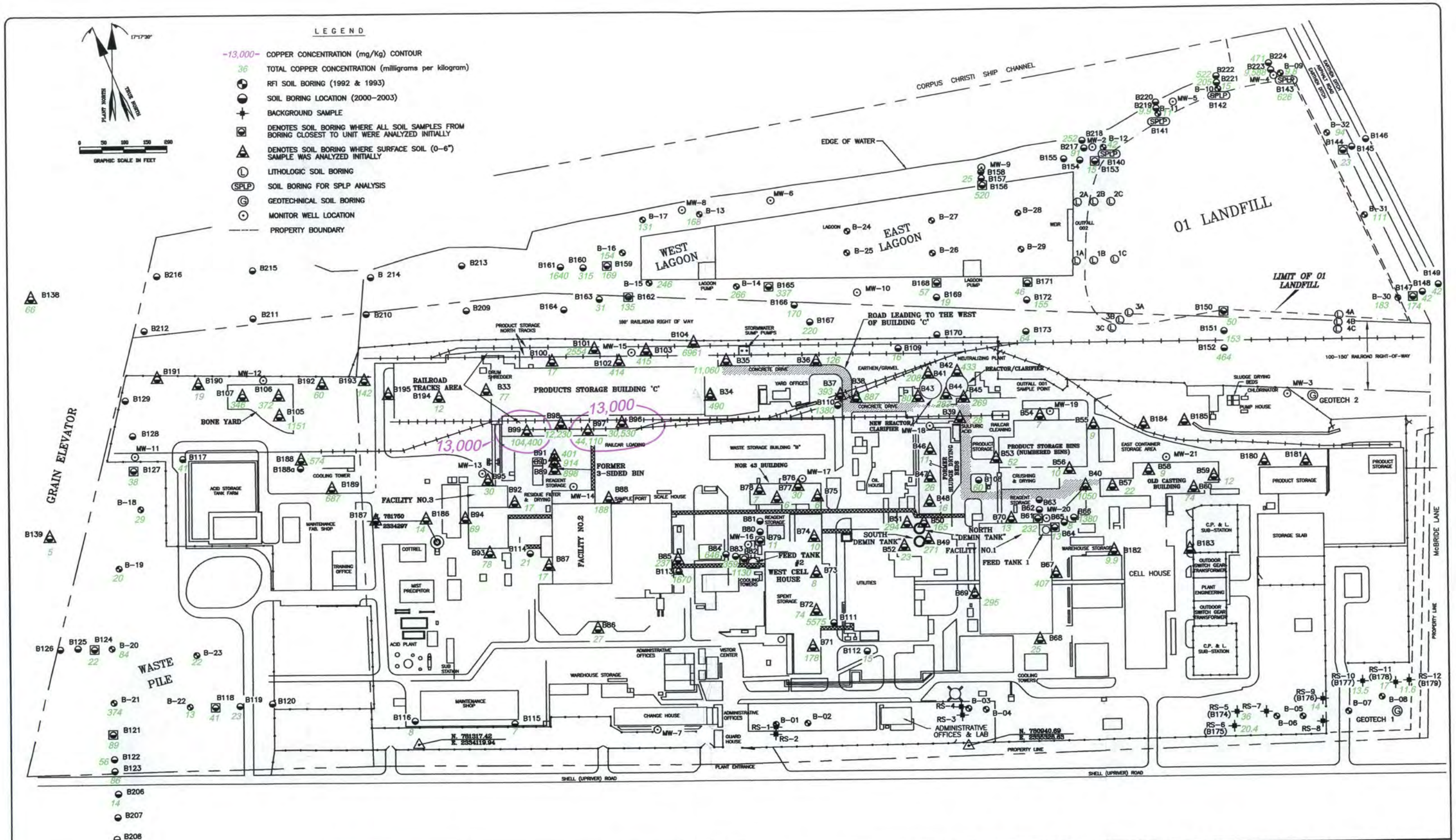
PROJECT NO.: CC000642.0001	FILE NO:
DRAWING: Tx4-CR-0-85Y4-60	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL CHROMIUM CONCENTRATION IN SOIL (mg/Kg) 0 - 0.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 4



ARCADIS

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

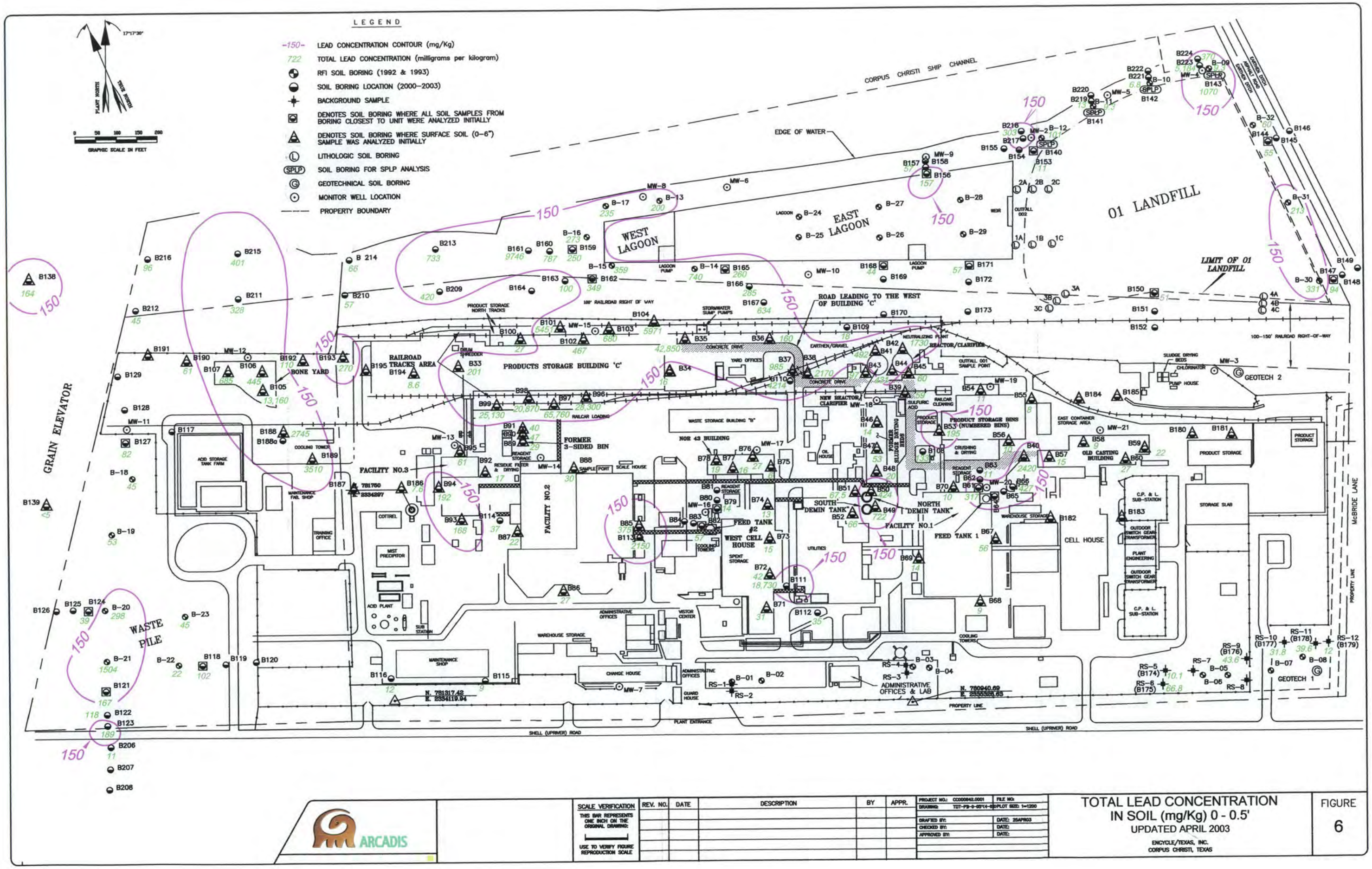
PROJECT NO.: CC0000842.0001	FILE NO:
DRAWING: TOT-CU-0-05X4-60	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL COPPER CONCENTRATIONS IN SOIL (mg/Kg) 0 - 0.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 5



ARCADIS

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

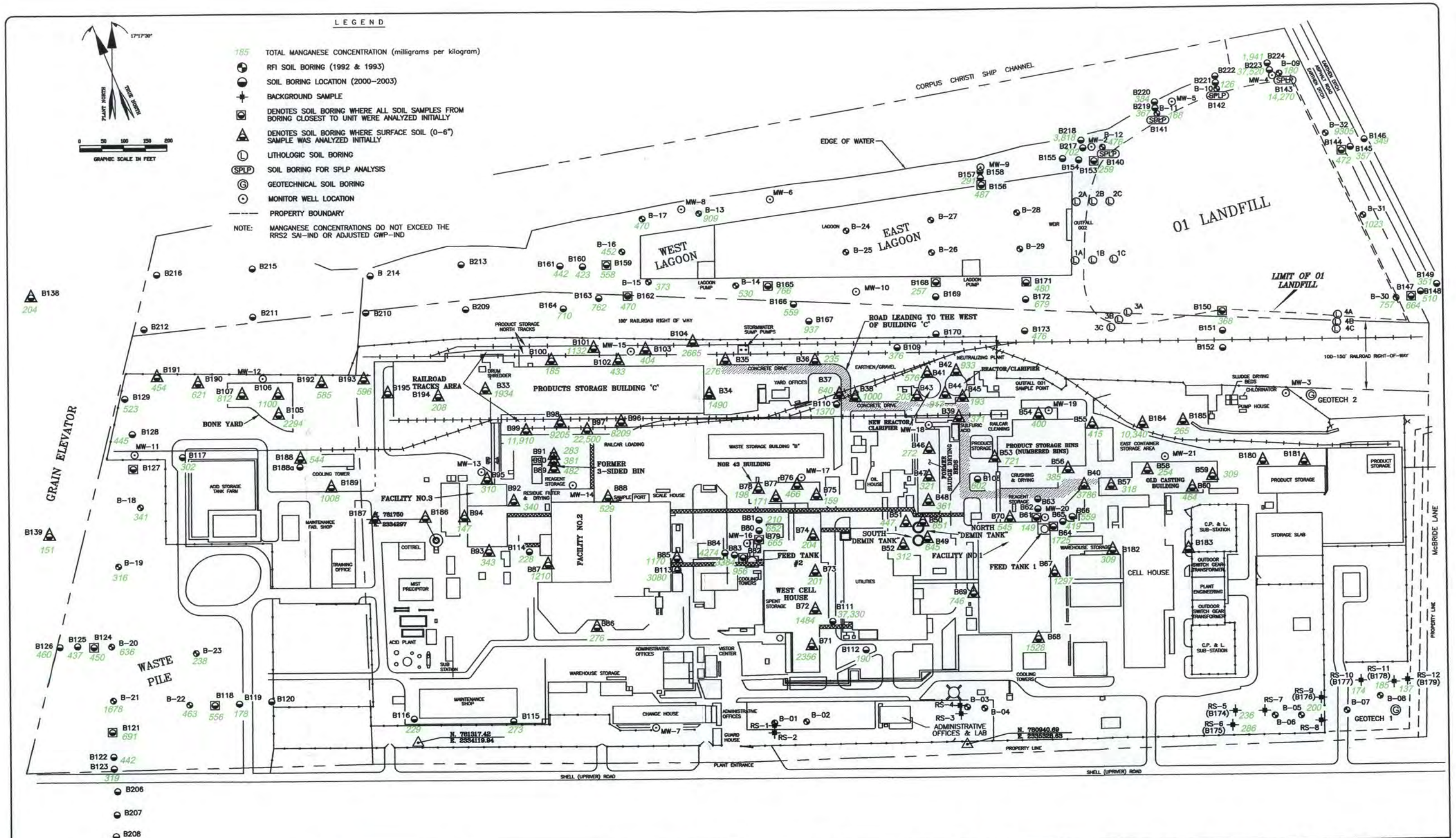
PROJECT NO.: CC000842.0001	FILE NO:
DRAWING: T07-P3-0-05(14-6)	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL LEAD CONCENTRATION IN SOIL (mg/Kg) 0 - 0.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 6



ARCADIS

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

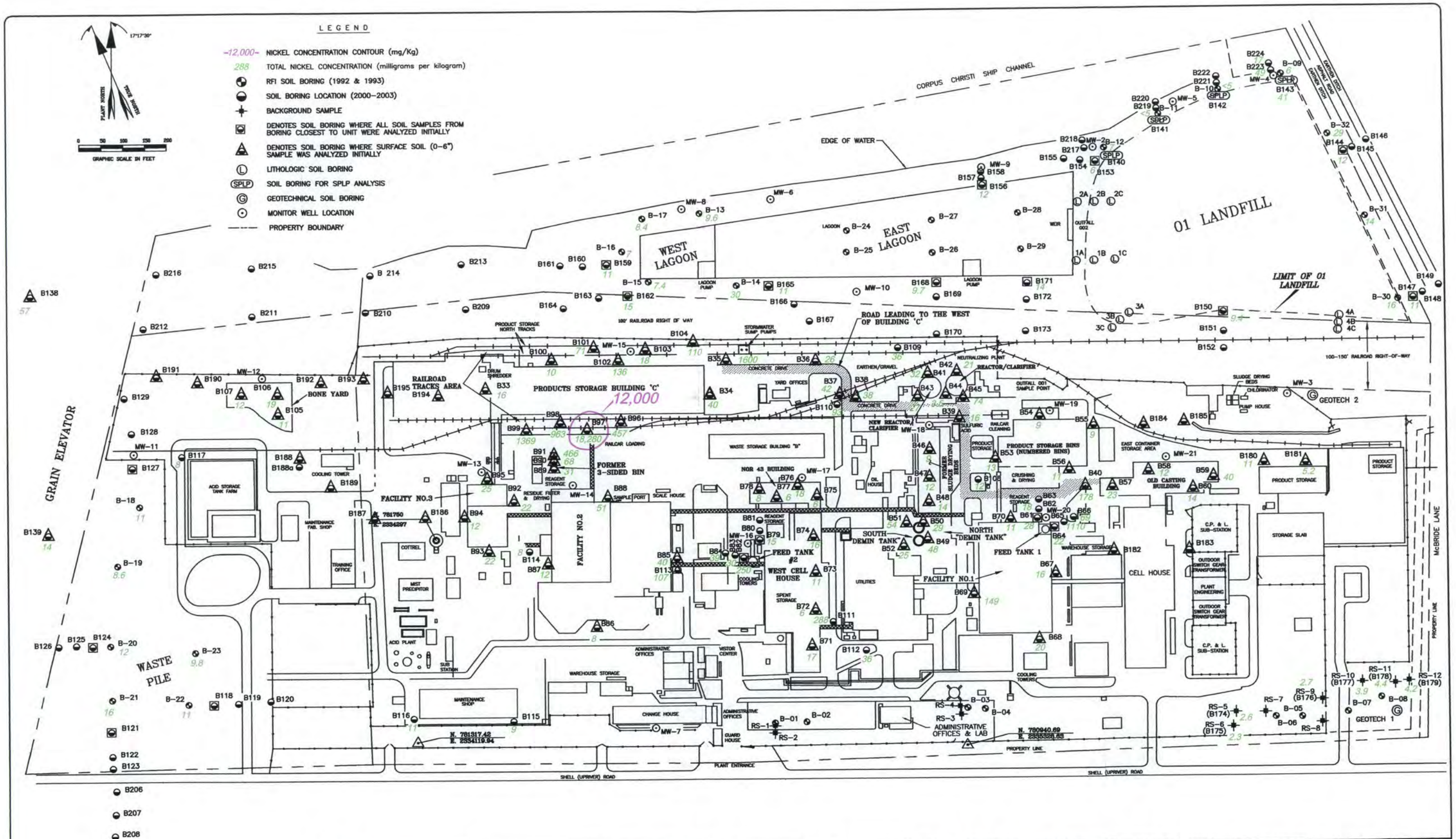
PROJECT NO.: CC000942.0001	FILE NO:
DRAWING: TOT-MN-S-05'14-00	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL MANGANESE CONCENTRATION IN SOIL (mg/Kg) 0-0.5'

UPDATE APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 7



ARCADIS

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

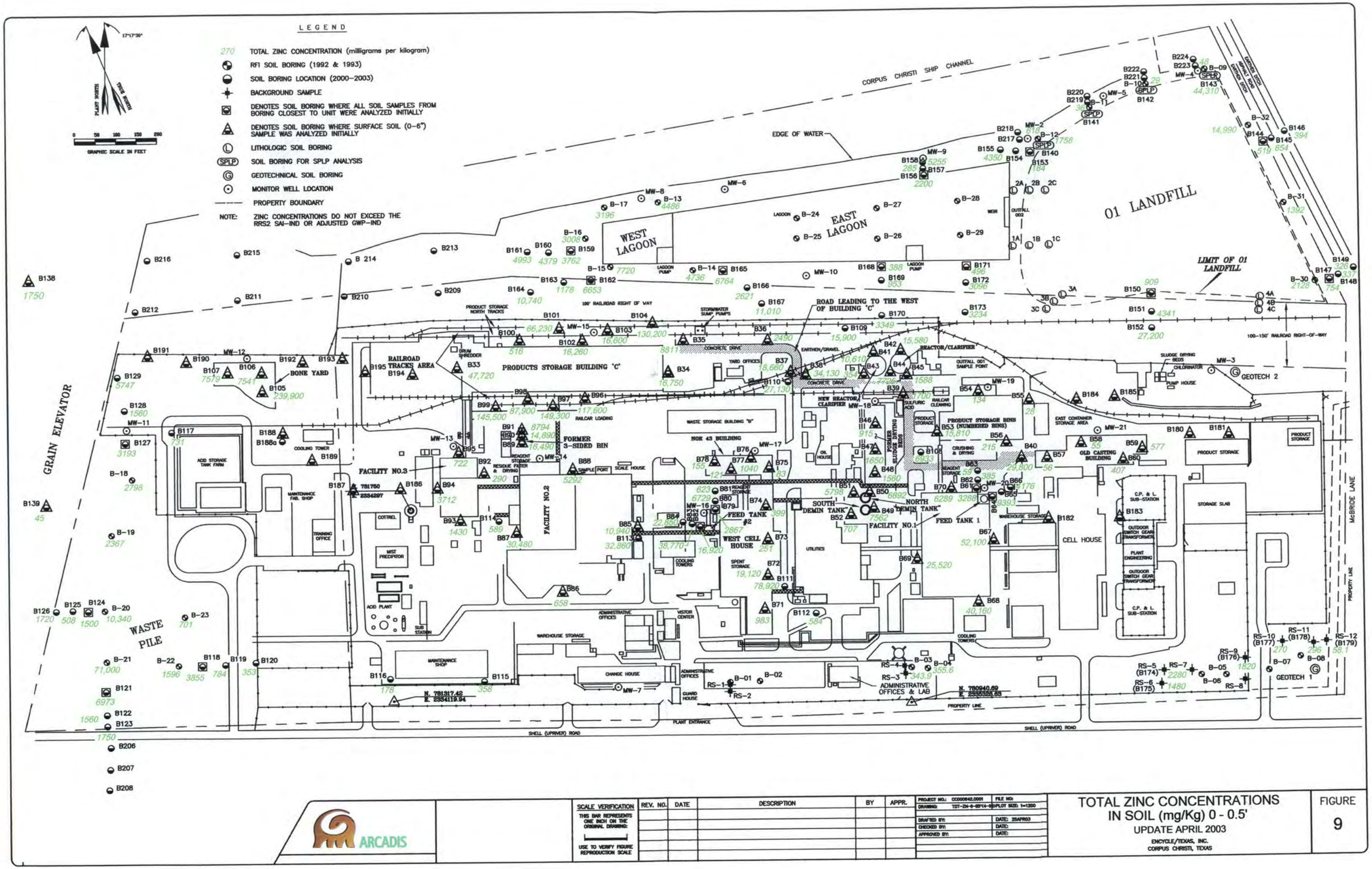
PROJECT NO.: CC0000842.0001	FILE NO:
DRAWING: T07-NE-0-05'(14-02)	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL NICKEL CONCENTRATIONS IN SOIL (mg/Kg) 0 - 0.5'

UPDATE APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 8



ARCADIS

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

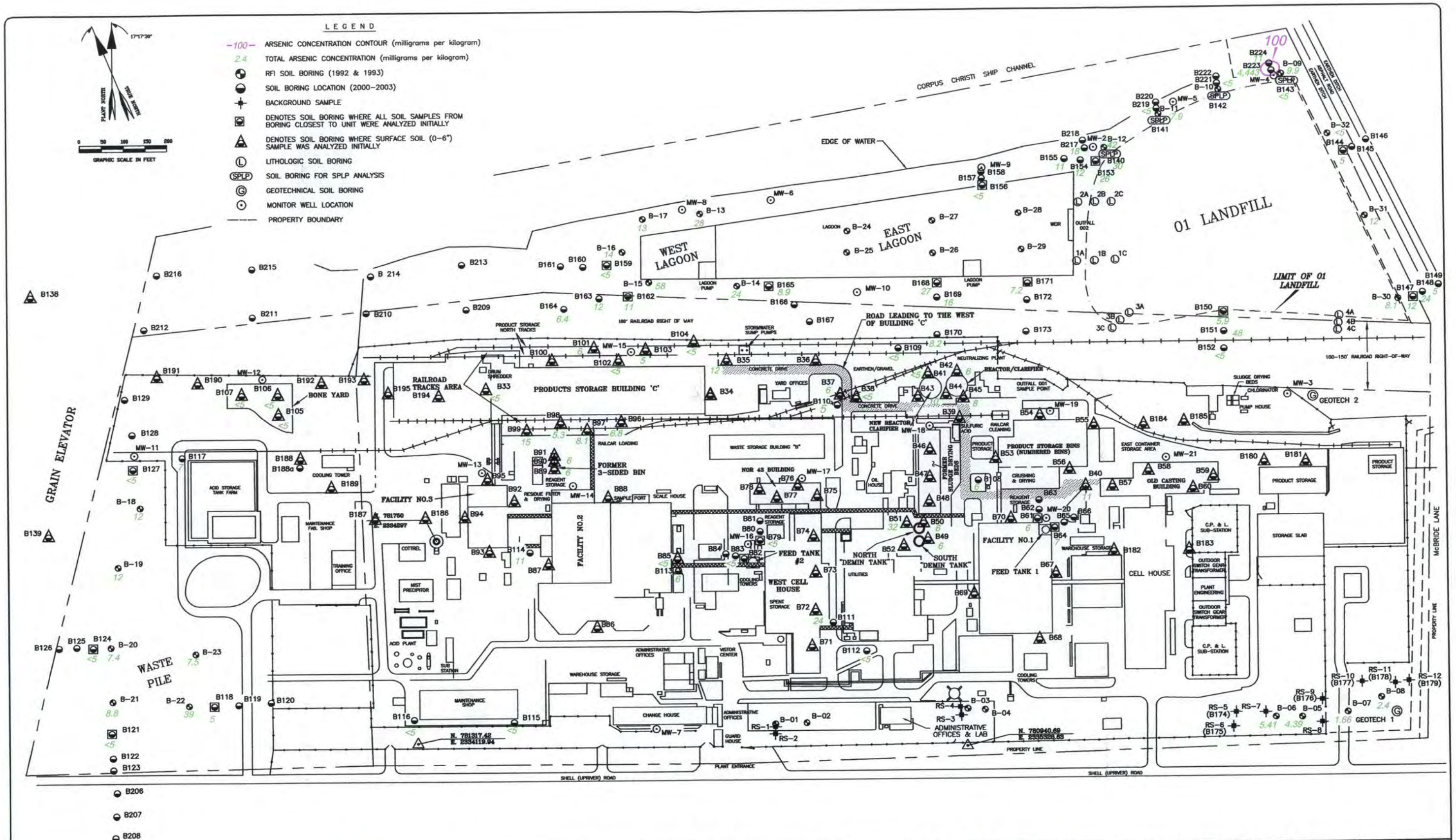
PROJECT NO.: CC000042.0001	FILE NO:
DRAWING: T1ZT-ZN-0-05\14-02	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL ZINC CONCENTRATIONS IN SOIL (mg/Kg) 0 - 0.5'

UPDATE APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 9



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

ARCADIS

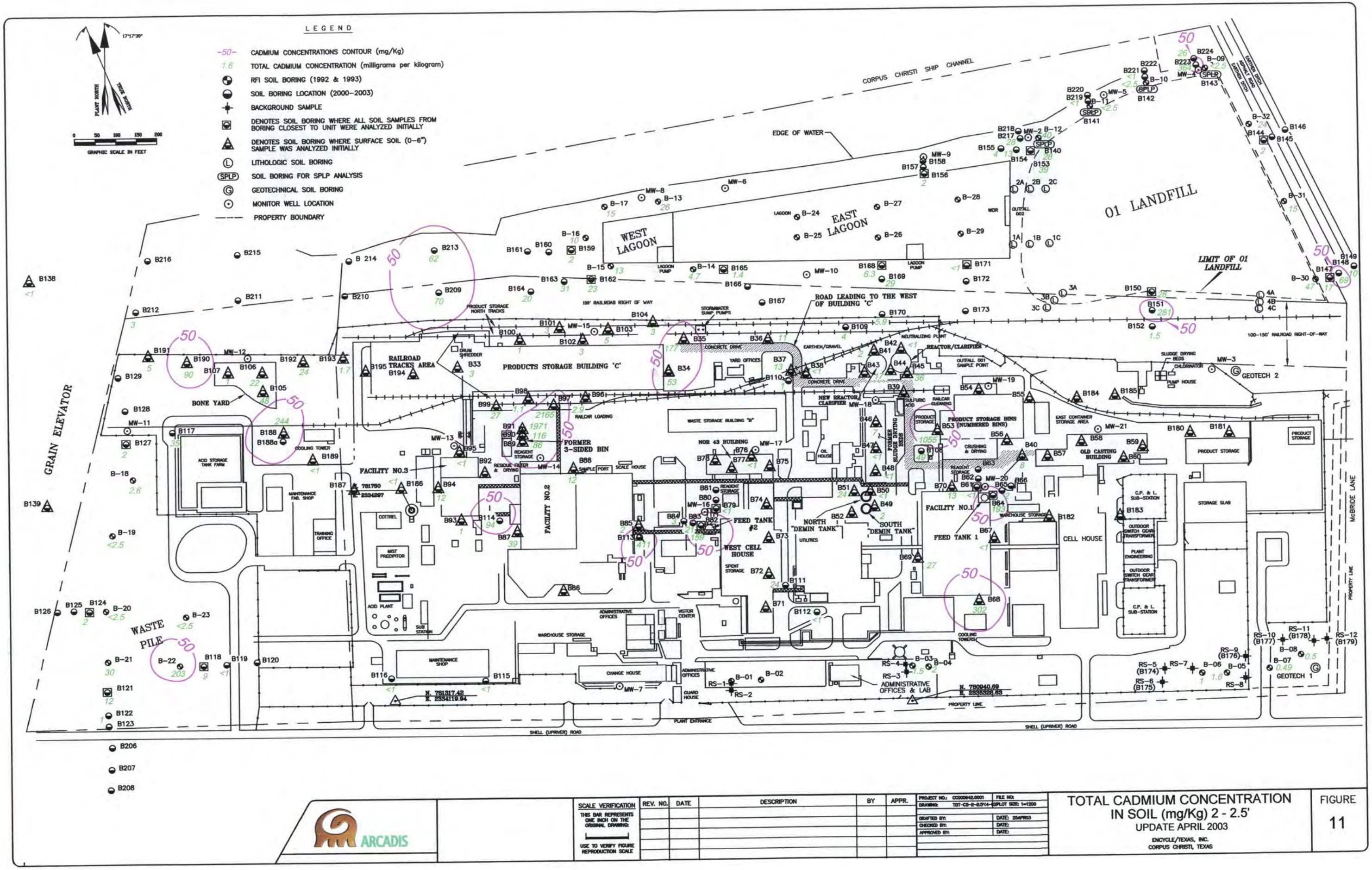
PROJECT NO.: CC000842.0001 FILE NO:
DRAWING: TOT-AS-2-2.5'(4-6) PLOT SIZE: 1=1200
DRAFTED BY: DATE: 25APR03
CHECKED BY: DATE:
APPROVED BY: DATE:

TOTAL ARSENIC CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATE APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 10



ARCADIS

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

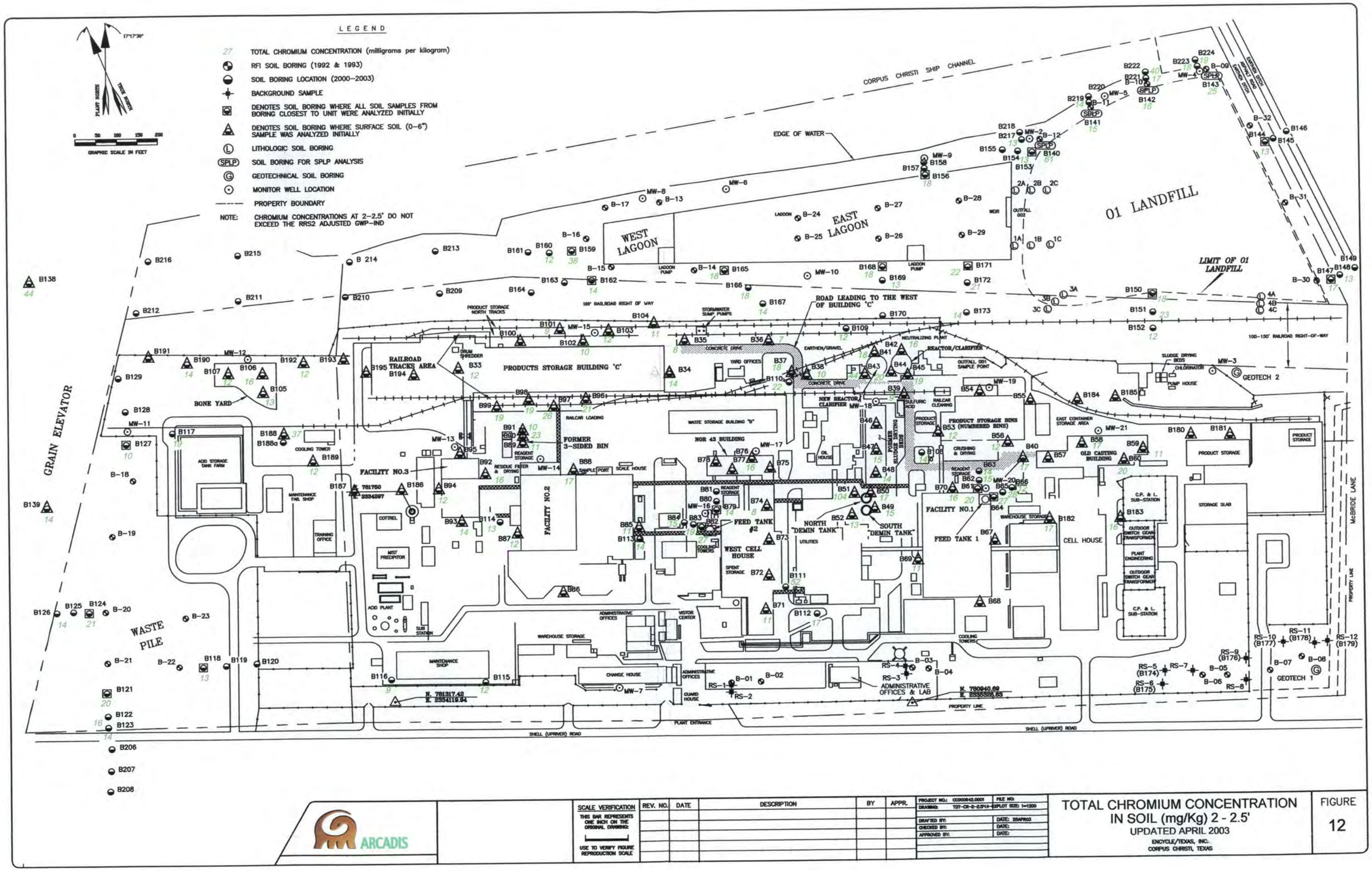
PROJECT NO.: CC000642.0001	FILE NO:
DRAWING: T01-C3-0-0.5'(4-6)	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL CADMIUM CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATE APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 11



ARCADIS

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

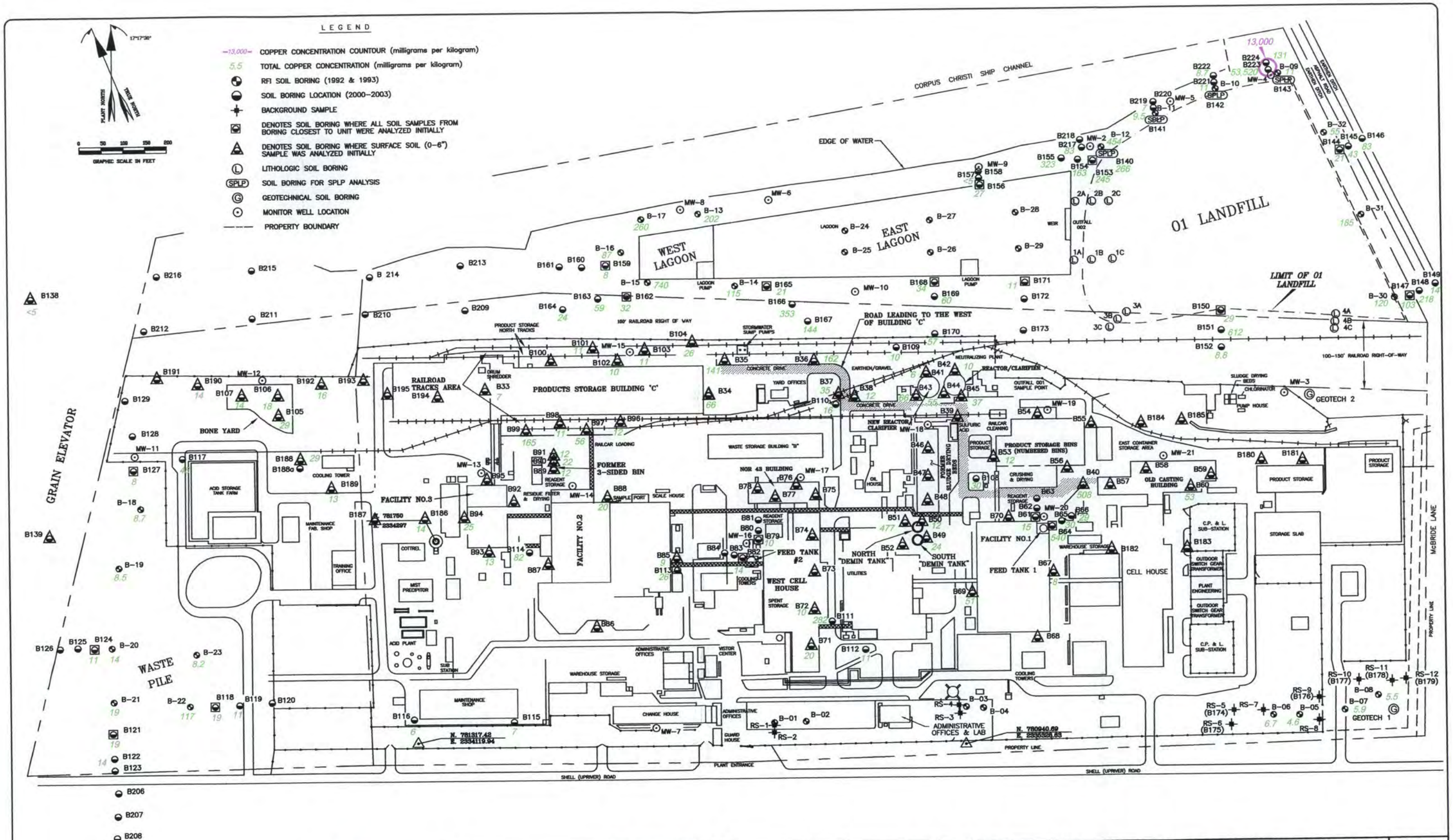
PROJECT NO.: CC000042.0001 FILE NO:
DRAWING: T07-CR-2-2.5'(4-03) PLOT SIZE: 1=1200
DRAFTED BY: DATE: 25APR03
CHECKED BY: DATE:
APPROVED BY: DATE:

TOTAL CHROMIUM CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 12



ARCADIS

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

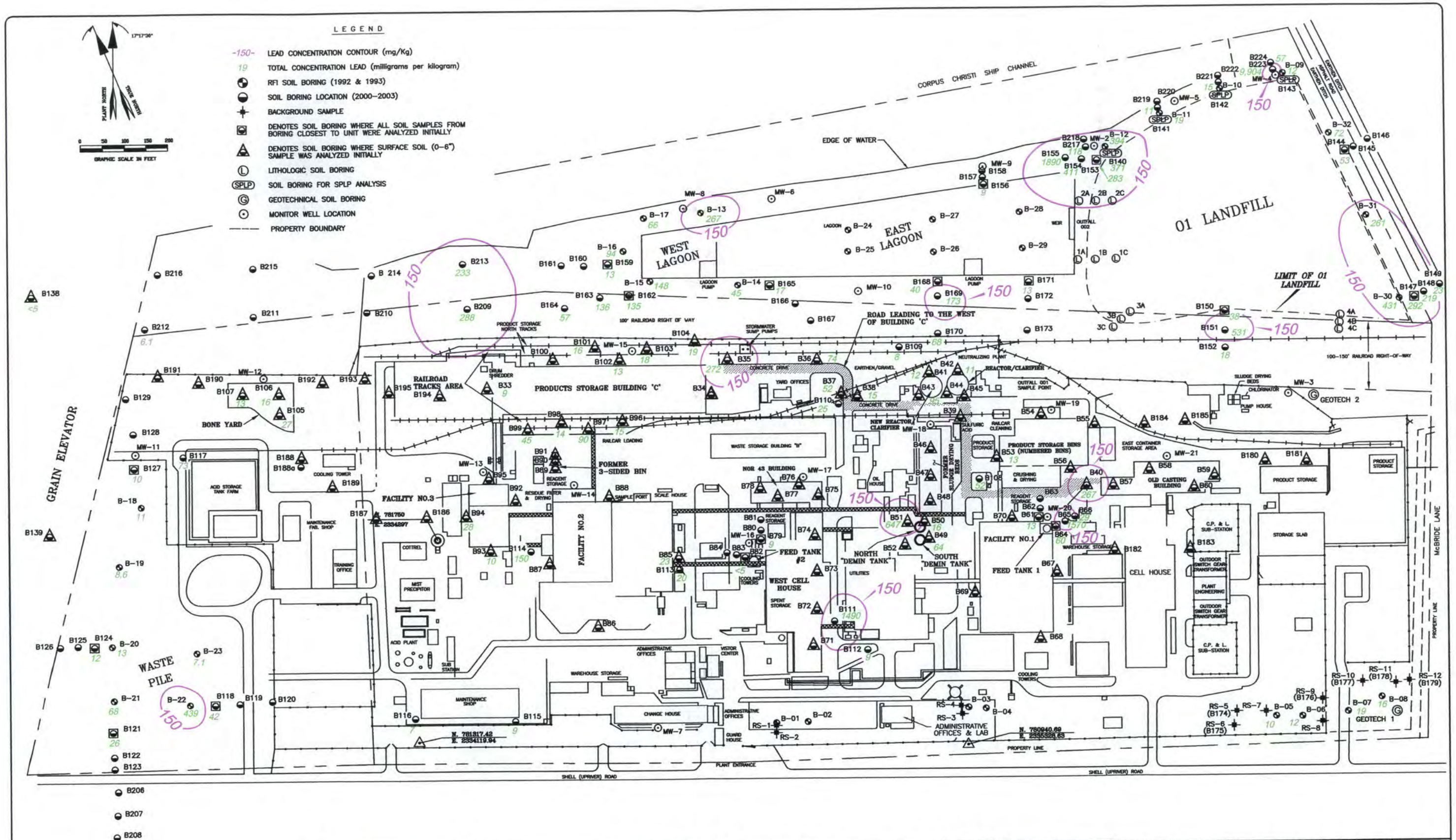
PROJECT NO.: CC000042.0001	FILE NO:
DRAWING: TCCT-CU-B-2.5'(4-03)	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 28APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL COPPER CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATED APRIL 2003

ENICYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 13



ARCADIS

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

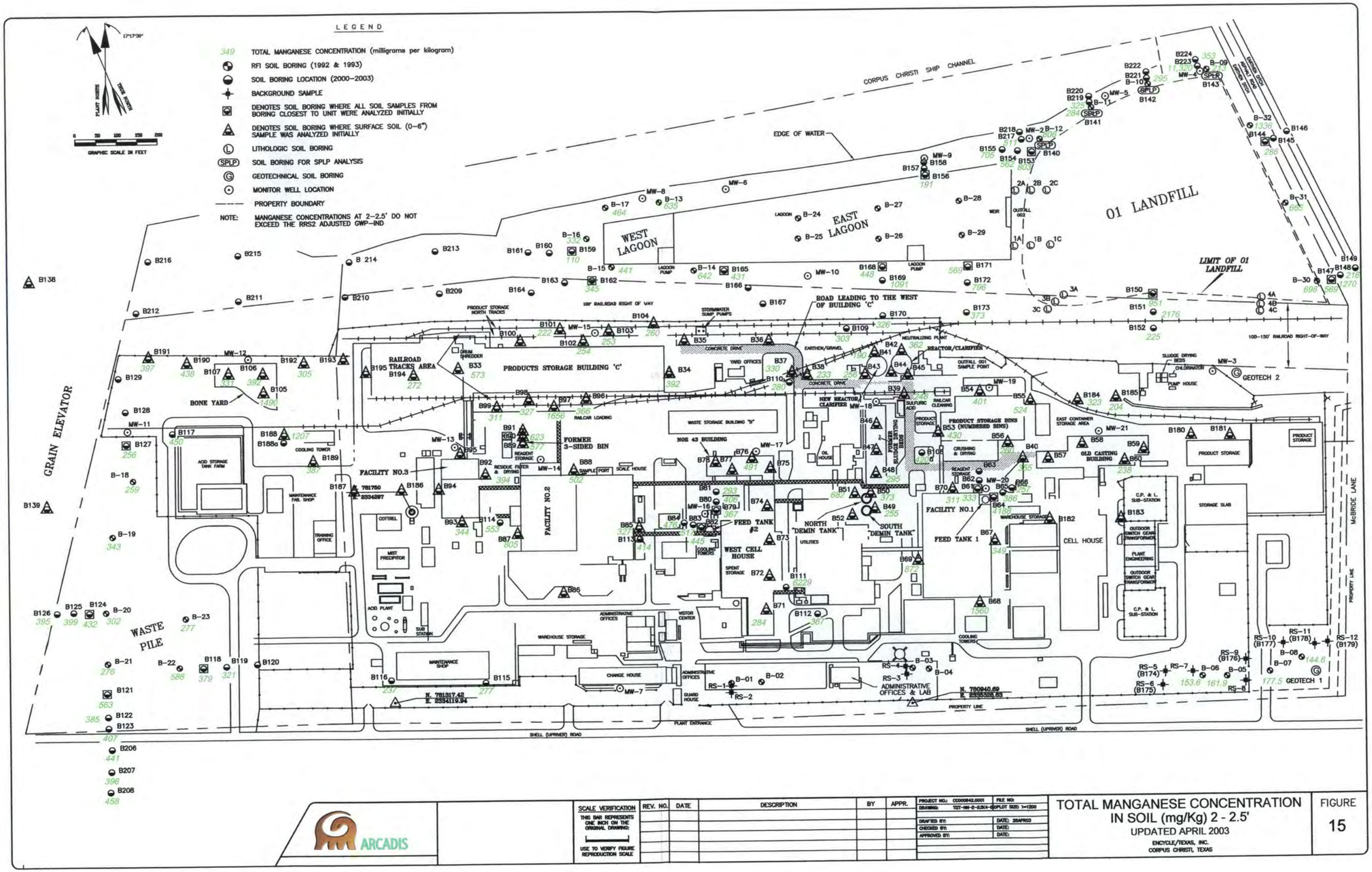
PROJECT NO.: CC000642.0001	FILE NO:
DRAWING: T01-PS-2-2.5X4-6	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 28APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL LEAD CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 14



ARCADIS

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

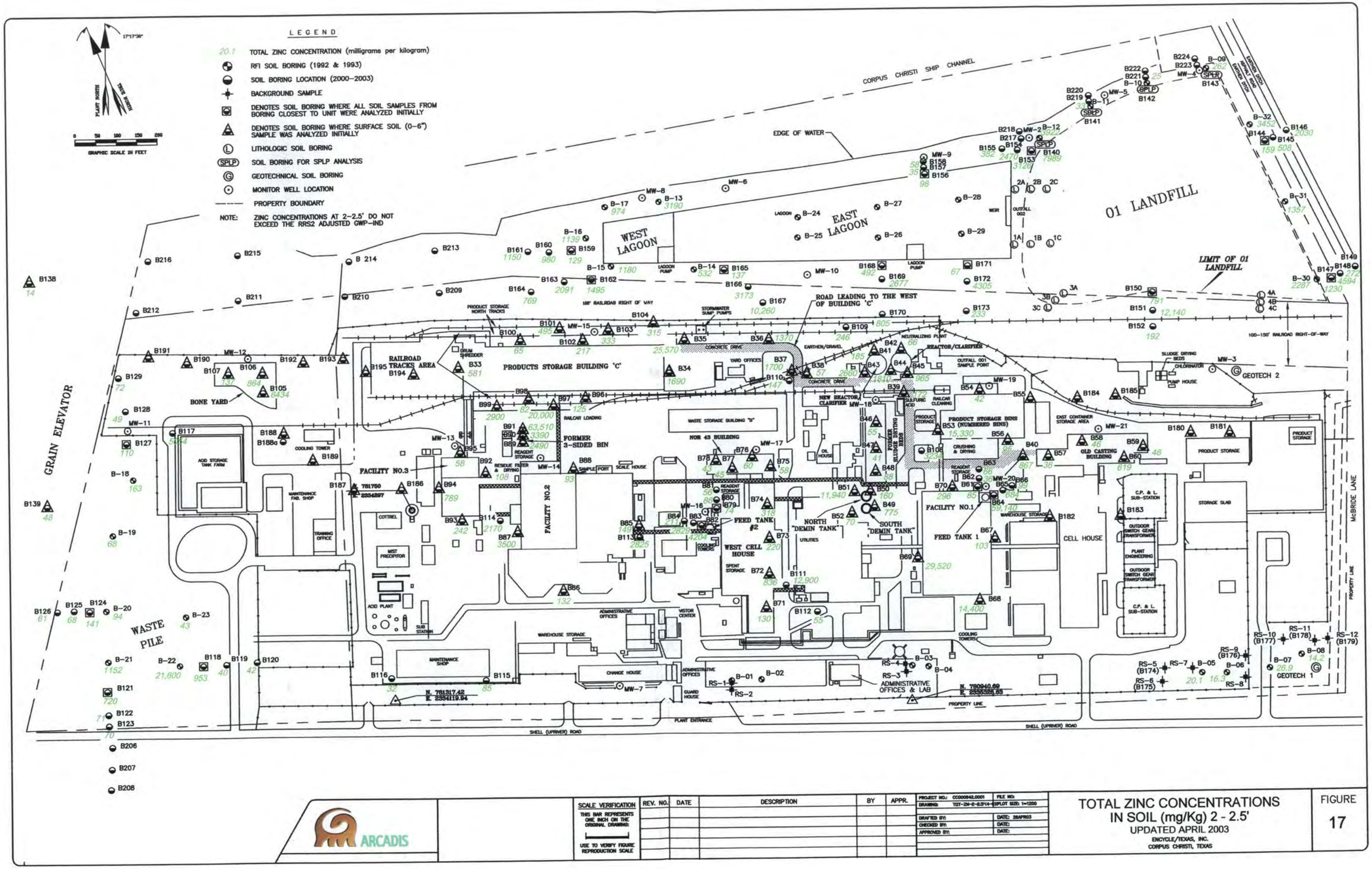
PROJECT NO.: CO000642.0001	FILE NO:
DRAWING: T127-169-2-2.5X4-02	PLOT SIZE: 1=1200
DRAFTED BY:	DATE: 25APR03
CHECKED BY:	DATE:
APPROVED BY:	DATE:

TOTAL MANGANESE CONCENTRATION IN SOIL (mg/Kg) 2 - 2.5'

UPDATED APRIL 2003

ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS

FIGURE 15


LEGEND
20.1 TOTAL ZINC CONCENTRATION (milligrams per kilogram)
RFI SOIL BORING (1992 & 1993)
SOIL BORING LOCATION (2000-2003)
BACKGROUND SAMPLE
DENOTES SOIL BORING WHERE ALL SOIL SAMPLES FROM BORING CLOSEST TO UNIT WERE ANALYZED INITIALLY
DENOTES SOIL BORING WHERE SURFACE SOIL (0-6") SAMPLE WAS ANALYZED INITIALLY
LITHOLOGIC SOIL BORING
SPLP SOIL BORING FOR SPLP ANALYSIS
GEOTECHNICAL SOIL BORING
MONITOR WELL LOCATION
PROPERTY BOUNDARY
NOTE: ZINC CONCENTRATIONS AT 2-2.5' DO NOT EXCEED THE RRS2 ADJUSTED GWP-IND
PLANT NORTH
TRUE NORTH
GRAPHIC SCALE IN FEET
CORPUS CHRISTI SHIP CHANNEL
EDGE OF WATER
01 LANDFILL
LIMIT OF 01 LANDFILL
WEST LAGOON
EAST LAGOON
ROAD LEADING TO THE WEST OF BUILDING 'C'
PRODUCTS STORAGE BUILDING 'C'
RAILROAD TRACKS AREA
BONE YARD
GRAIN ELEVATOR
WASTE PILE
FACILITY NO.3
FACILITY NO.2
FACILITY NO.1
FORMER 3-SIDED BIN
WASTE STORAGE BUILDING "B"
NOR 43 BUILDING
NEW REACTOR/CLARIFIER
REACTOR/CLARIFIER
PRODUCT STORAGE BINS (NUMBERED BINS)
CRUSHING & DRYING
OLD CASTING BUILDING
EAST CONTAINER STORAGE AREA
PRODUCT STORAGE
STORAGE SLAB
CELL HOUSE
FEED TANK 1
FEED TANK #2
NORTH "DEMIN TANK"
SOUTH "DEMIN TANK"
WEST CELL HOUSE
ADMINISTRATIVE OFFICES & LAB
MAINTENANCE SHOP
CHANGE HOUSE
WAREHOUSE STORAGE
ACID STORAGE TANK FARM
COOLING TOWER
MAINTENANCE FAB. SHOP
TRAINING OFFICE
COTTREL
MIST PRECIPITOR
ACID PLANT
SUB STATION
ADMINISTRATIVE OFFICES
VISTOR CENTER
GUARD HOUSE
PLANT ENTRANCE
SHELL (UPRIVER) ROAD
PROPERTY LINE
McBRIDE LANE
GEOTECH 1
GEOTECH 2
N. 781317.42 E. 2334119.94
N. 780940.69 E. 2335326.83
ARCADIS
SCALE VERIFICATION
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:
USE TO VERIFY FIGURE REPRODUCTION SCALE
REV. NO. | DATE | DESCRIPTION | BY | APPR.
PROJECT NO.: CC000642.0001
DRAWING: TOT-ZN-2-2.5'(4-03)
FILE NO:
PLOT SIZE: 1=1200
DRAFTED BY: DATE: 28APR03
CHECKED BY: DATE:
APPROVED BY: DATE:
TOTAL ZINC CONCENTRATIONS IN SOIL (mg/Kg) 2 - 2.5'
UPDATED APRIL 2003
ENCYCLE/TEXAS, INC.
CORPUS CHRISTI, TEXAS
FIGURE
17

APPENDICES

APPENDIX A

ARCADIS

Appendix A

TCEQ December 12, 2002 Letter

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
Kathleen Hartnett White, *Commissioner*
Margaret Hoffman, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 12, 2002

Mr. Richard Marcus
Divisional Environmental Manager
Encycle - Texas Inc.
P. O. Box 4767
Corpus Christi, TX 78469

Re: RCRA Facility Investigation (RFI) Report-Encycle
TNRCC SWR No. 30003
TNRCC Hazardous Waste Permit No. HW- 50221
EPA ID No. TXD008117186
Civil Action No. H-99-1136, Enf. ID No. 1017
Agreed Consent Decree Entered October 7, 1999

Dear Mr. Marcus:

The Texas Commission on Environmental Quality (TCEQ) has reviewed the above referenced report dated August 14, 2002. The TCEQ accepts the investigation and Encycle's recommendations. The following comments should be address in Encycle's Phase II RFI report.

1. The report recommends conducting additional borings and sampling west of the West Lagoon. The TCEQ agrees with Encycle's recommendation. The TCEQ has determined the need for the extent determination (either surface or mainly the vertical extent) in the following borings: B 9, B 10, B 11, B 12, B 30, B 64, B 82, B 123, B 133, B 140, B 143, B 147, B 150, B 153, B 154, B 161, B 166, B 167, and B 188. Please determine the extent of contamination in all areas and submit the conclusions and supporting documentation in the Phase II RFI Report.

2. It should be noted that any proposed corrective action for property not owned by Encycle, Encycle must gain approval from the offsite owner. The TCEQ will need a letter from the property owner stating they understand and are willing to allow closure other than background.

An original and one copy of the Phase II RFI Report must be submitted to the TCEQ no later than one hundred and fifty (150) days from the date of this letter. The Phase II report and any other documents that are required to be submitted by the Consent Decree should be submitted to the TCEQ Waste Section of the Enforcement Division at the letterhead address using Mail Code

MC-219. An additional copy should be submitted to the Waste Program Manager, TCEQ, Region 14 Office, 6300 Ocean Dr. Ste. 1200, Corpus Christi, TX 78412-5503. The facility name, location and identification number(s) in the TCEQ reference line above should be included with the submittal.

Questions concerning this letter should be directed to me at (512) 239-2350. Please use Mail Code 127 (MC-127) when responding by mail.

Sincerely,

Brad Wilkinson

Brad Wilkinson, Project Manager
Team I, Corrective Action Section
Remediation Division
Texas Commission on Environmental Quality

BW/bw

cc: Waste Program Manager, TCEQ Region 14 Office, Corpus Christi

APPENDIX B

ARCADIS

Appendix B

Soil Boring Logs

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	
5				0–11' Brown silty clay (CL), stiff, moist.
10				11–12' Tan/Brown silt (ML), soft, some very fine sand, saturated.
				Total depth = 12 feet.
15				
20				

B–188a
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

SOIL BORING B–188 RESAMPLE

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	
				0–4.7' Brown/gray clay (CL) with minor silt, shell fragments, stiff.
5				
				4.7–9' Gray to tan clay (CL), hard.
10				
				9–17' Tan and orange clay (CL), hard, blocky.
15				
				17–18.3' Brown/olive green silt (ML), saturated, soft.
				18.3–20' Olive green clayey silt (ML), stiff, wet to saturated.
20				
				TD = 20' BGS.

B–206
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	
				0–4.3' Brown clay (CL), with minor silt, medium stiff, very moist.
5				
				4.3–14.9' Brown to tan clay (CL), stiff to hard becoming fat at 6 feet, breaks in planes, hard, moist, gypsum present.
10				
15				
				14.9–19' Olive green clayey silt (ML), moist, very stiff.
				19–20' Olive green silt (ML) to very fine grained sand, saturated, soft.
20				
				TD = 20' BGS.

B–207
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	
				0–4.8' Dark Brown clay (CL), with minor silt content to approximately 3 feet, hard, moist.
5				
				4.8–12.8' Tan clay (CL) blocky, hard, moist, becoming fat at approximately 6.5 feet, gypsum present.
10				
				12.8–13.9' Tan silty clay (CL), silt lenses, stiff, very moist.
				13.9–15' Tan silt (ML), wet, soft.
15				
				15–18.5' Gray to olive green silt (ML) with fine grained sand, saturated, soft.
				18.5–20' Tan sand (SP), medium grained, well sorted, saturated.
20				
				TD = 20' BGS.

B–208
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–1.2' Brown silty clay (CL), stiff, plastic, wet.
				1.2–1.6' Brown clayey silt (ML), stiff, saturated.
				TD = 1.6' BGS.
5				
10				
15				
20				

B–209
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■	■	CT	0–0.5' Tan sand (SP), loose, saturated.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–210
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■		CT	0–0.5' Tan and black silty sand (SP), soft, saturated. Hydrocarbon staining and odor.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–211
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.5' Brown silt (ML). Hydrocarbon staining and odor.
				0.5–1' Gray sand (SP), saturated. Hydrocarbon staining and odor.
				TD = 1' BGS.
5				
10				
15				
20				

B–212
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–1.2' Brown silty clay (CL), stiff, plastic, wet.
				1.2–1.6' Brown clayey silt (ML), stiff, saturated.
				TD = 1.6' BGS.
5				
10				
15				
20				

B–213
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.5' Tan sand (SP), loose, saturated.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–214
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.5' Tan and black silty sand (SP), soft, saturated.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–215
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.5' Tan sand (SP), loose, saturated.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–216
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■		CT	0–2' Brown and tan clay (CL), stiff to medium stiff, moist.
	■			2–3' Brown gray clayey silt (ML), very moist.
	■			3–5' Gray sand (SP), loose, saturated.
5	■			TD = 5' BGS.
10				
15				
20				

B–217
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.5' Tan sand (SP) and shells, loose, saturated.
				TD = 0.5' BGS.
5				
10				
15				
20				

B–218
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■	■	SS	
	■			
	■			
	■	■		0–4.5' Tan clay (CL), plastic, stiff, moist.
	■			
	■			
	■			
5	■	■		4.5–5' Sand (SP), medium grained, loose, saturated. TD = 5' BGS.
10				
15				
20				

PAGE 1 OF 1

B–219
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	
				0–4' Tan clay (CL), plastic, stiff, moist.
				4–5' Sand (SP), medium grained, loose, saturated.
5				TD = 5' BGS.
10				
15				
20				

B–220
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 11, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■		SS	0–1' Mix of black clay (CL), rock, and sand.
	■			1–4.7' Tan sandy clay (CL), stiff, moist.
5	■	■		4.7–5' Gray sand (SP), moist, fine grained, loose, saturated. TD = 5' BGS.
10				
15				
20				

B–221
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			SS	0–1' Mix of black clay (CL), rock, and sand.
				1–4.7' Tan sandy clay (CL), stiff, moist.
5				4.7–5' Gray sand (SP), moist, fine grained, loose, saturated. TD = 5' BGS.
10				
15				
20				

B–222
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

PUSH PROBE
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
	■		CT	0–1.2' Black clayey sand (SP) with rock and wood pieces, saturated at 0.9' BGS.
				TD = 1.2' BGS.
5				
10				
15				
20				

B–223
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

BORING LOG

DEPTH	SAMPLE	ANALYZED	TYPE	SAMPLE DESCRIPTION
			CT	0–0.4' Brown silty sand (SP), soft, moist.
				0.4–0.9' Tan/gray clayey silt (ML) with minor sand, stiff, saturated.
				TD = 0.9' BGS.
5				
10				
15				
20				

B–224
BORING

ENCYCLE/TEXAS
CLIENT

CC000642.0002
PROJECT

CORPUS CHRISTI, TEXAS
LOCATION

FEBRUARY 12, 2003
DATE

HAND AUGER
DRILLING METHOD

BRYAN HANEY, ARCADIS
LOGGED BY

BEST DRILLING
CONTRACT DRILLER

CT – CUTTINGS
SB – SPLIT BARREL(5')
SS – SPLIT SPOON (2')

▽ HC LEVEL
▼ WATER LEVEL

ARCADIS

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-188a

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	12.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	11	Brown SILTY CLAY
11	12	Tan/brown SILT

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 12.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-m
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	4/30/03 Date	Apprentice	4/30/03 Date

TDLR FORM 004WWD Copies to TDLR, Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-3429

FILE COPY

05/01/2003 10:36 7138643300 BEST DRILLING PAGE 02

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.	27	48	36	Long.	97	27	35	Grid #

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-206

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.7	Brown/gray CLAY w/minor SILT
4.7	8	Gray to tan CLAY
8	17	Tan & orange CLAY
17	18.3	Brown/olive green SILT
18.3	20	Olive green CLAYEY SILT

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
ddress P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	4/30/03	Signature	4/30/03
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 004WW Copy - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-8429

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Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-207

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.3	Brown, CLAY w/mionr SILT
4.3	14.9	Brown to tan CLAY
14.9	19	Olive green CLAYEY SILT
19	20	Olive green silt to very fine grained SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
ddress P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	4/30/03 Date	Apprentice	4/30/03 Date

TDLR FORM 004WWD ... Copies ... Owner - Driller/Pump Installer

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Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-208

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	20.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.7	Brown/gray CLAY w/minor SILT
4.7	8	Gray to tan CLAY
8	17	Tan & orange CLAY
17	18.3	Brown/olive green SILT
18.3	20	Olive green CLAYEY SILT

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

12) Packers Type Depth
N/A

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer		Apprentice	

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Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-209 & B-213

Lat. 27 48 36 Long. 97 27 35 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	1.6

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	1.2	Brown SILTY CLAY
1.2	1.6	Browm CLAYEY SILT

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 1.6 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/30/03	Apprentice	4/30/03

TDLR FORM 004WWW Copy - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-8429

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-211& B-215

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.5	Tan & black SILTY SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 0.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	4/30/03		4/30/03

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-212

Lat. 27 | 48 | 36 Long. 97 | 27 | 35 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	1.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.5	Brown SILT
.5	1	Gray SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 1.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/30/03	Apprentice	4/30/03

TDLR FORM 004/WWD ... - Owner - Driller/Pump Installer
Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-217

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	5.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	2	Brown and tan CLAY
2	3	Brown gray CLAYEY SILT
3	5	Gray SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 5.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	4/30/03 Date	Apprentice	4 / 30 /03 Date

TDLR FORM 004WWD Copies to Licensed Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

FILE COPY

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Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

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A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-218

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	.5

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	.5	Tan SAND & shells

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft to 0.5 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
ddress P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	4/30/03 Date	Apprentice	4/30/03 Date

TDLR FORM 004WWD Copies to: Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

FILE COPY

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 36 Long. 97 | 27 | 35 Grid #

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-219

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	5.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4.5	Tan CLAY
4.5	5	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 5.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
ddress P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature		Signature	
Licensed Driller/Pump Installer	4/30/03 Date	Apprentice	4 / 30 /03 Date

TDLR FORM 004WWD Copies to TDLR and Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat. 27 | 48 | 36 Long. 97 | 27 | 35 Grid #

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-220

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/11/03
Completed 2/11/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	5.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✱ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	4	Tan CLAY
4	5	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 5.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc. ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4990-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/30/03	Apprentice	4/30/03

TDLR FORM 004WWD Copy for Well Owner - Driller/Pump Installer
Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-221 & B-222

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	5.0

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Direct Push

From (ft)	To (ft)	Description and color of formation material
0	1	Mix of black CLAY, rock & SAND
1	4.7	Tan SANDY CLAY
4.7	5	Gray SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 5.0 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc.. ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers

Type	Depth
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — Date 4/30/03
Signature Apprentice — Date 4 / 30 / 03

TDLR FORM 004WWD FILE COPY Copies to Texas Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-8429

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-223

Lat. 27 | 48 | 36 Long. 97 | 27 | 35 Grid #

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	1.2

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
✱ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	1.2	Black CLAYEY SAND w/rock & wood pieces

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 1.2 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth
N/A

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/30/03	Apprentice	4 / 30 / 03

TDLR FORM 004WWD Copy: Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Encycle	5500 Up River Road	Corpus Christi	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Nueces	5500 Up River Road	Corpus Christi	TX	

Lat.			Long.			Grid #
27	48	36	97	27	35	

3) Type of Work
☐ New Well ☐ Deepening
☐ Reconditioning
B-224

4) Proposed Use (check) ☐ Monitor ☒ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) NT

6) Drilling Date
Started 2/12/03
Completed 2/12/03

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2	SURFACE	0.9

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☒ Other Hand Auger

From (ft)	To (ft)	Description and color of formation material
0	.4	Brown SILTY SAND
.4	.9	Tan/gray CLAYEY SILT w/minor SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
		N/A			

9) Cementing Data
Cementing from 0 ft. to 0.9 ft. # of sacks used ½
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By BEST DRILLING SERVICES, INC.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers Type Depth
N/A

13) Plugged ☐ Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes X NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M

Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	4/30/03	Apprentice	4/30/03

TDLR FORM 004 [illegible] Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

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APPENDIX C

ARCADIS

Appendix C

Laboratory Reports - Soil

ASARCO

MAR 0 7 2003

February 27, 2003

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (30), thirty soil samples collected between February 11, and February 12, 2003, in association with the Asarco Encycle RFI project and received by the laboratory on February 14, 2003.

The samples were digested on February 19, 2003, as received, in accordance with EPA method 245.1 for CETAC mercury analysis. Oven dried, sieved and ground samples were digested on February 20, 2003,in accordance with EPA method 3050 for ICP analysis.

If you need further information, please call me at (801) 262 2459, Extension 24.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION		PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-001	11-FEB-03	B206 (0-0.5)		AG	<0.50	ppm	AKH	21-FEB-03	6010B
				CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CR	18.	ppm	AKH	21-FEB-03	6010B
				CU	14.	ppm	AKH	21-FEB-03	6010B
				HG	<0.050	ppm	EH	25-FEB-03	245.1
				MOIST.	33.	%	AKH	20-FEB-03	GRAV.
				PB	11.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-002	11-FEB-03	B206 (2-2.5)		MN	441.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-003	11-FEB-03	B206 (5.5)		CR	22.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-004	11-FEB-03	B206 (8.5)		CR	17.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-005	11-FEB-03	B206 (11.5)		CR	18.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-006	11-FEB-03	B206 (14.5)		CR	17.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-007	11-FEB-03	B206 (17-17.5)		CR	8.8	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-008	11-FEB-03	B188A (5.5)		CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CR	14.	ppm	AKH	21-FEB-03	6010B
				CU	7.5	ppm	AKH	21-FEB-03	6010B
				MN	322.	ppm	AKH	21-FEB-03	6010B
L030059-009	11-FEB-03	DUPLICATE-1	B-188A (5.5)	CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CR	13.	ppm	AKH	21-FEB-03	6010B
				CU	7.3	ppm	AKH	21-FEB-03	6010B
				MN	298.	ppm	AKH	21-FEB-03	6010B
L030059-010	11-FEB-03	B-217 (0-0.5)		AG	2.0	ppm	AKH	21-FEB-03	6010B
				CD	23.	ppm	AKH	21-FEB-03	6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-010	11-FEB-03	B-217 (0-0.5)	CR	14.	ppm	AKH	21-FEB-03	6010B
			CU	91.	ppm	AKH	21-FEB-03	6010B
			HG	10.	ppm	EH	25-FEB-03	245.1
			MN	702.	ppm	AKH	21-FEB-03	6010B
			MOIST.	21.	%	AKH	20-FEB-03	GRAV.
			SB	1.2	ppm	AKH	24-FEB-03	6020
			SE	1.6	ppm	AKH	24-FEB-03	6020
			SN	6.7	ppm	AKH	21-FEB-03	6010B
L030059-011	11-FEB-03	B-217 (2-2.5)	AG	2.1	ppm	AKH	21-FEB-03	6010B
			AS	18.	ppm	AKH	21-FEB-03	6010B
			CD	28.	ppm	AKH	21-FEB-03	6010B
			CO	8.0	ppm	AKH	21-FEB-03	6010B
			CR	13.	ppm	AKH	21-FEB-03	6010B
			CU	83.	ppm	AKH	21-FEB-03	6010B
			HG	0.40	ppm	EH	25-FEB-03	245.1
			MN	511.	ppm	AKH	21-FEB-03	6010B
			MOIST.	31.	%	AKH	20-FEB-03	GRAV.
			PB	118.	ppm	AKH	21-FEB-03	6010B
			SB	0.83	ppm	AKH	24-FEB-03	6020
			SE	2.9	ppm	AKH	24-FEB-03	6020
			SN	<5.0	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020
L030059-012	11-FEB-03	B-217 (3-3.5)	AG	2.0	ppm	AKH	21-FEB-03	6010B
			AS	23.	ppm	AKH	21-FEB-03	6010B
			CD	177.	ppm	AKH	21-FEB-03	6010B
			CO	28.	ppm	AKH	21-FEB-03	6010B
			CR	12.	ppm	AKH	21-FEB-03	6010B
			CU	453.	ppm	AKH	21-FEB-03	6010B
			HG	0.28	ppm	EH	25-FEB-03	245.1
			MN	2827.	ppm	AKH	21-FEB-03	6010B
			MOIST.	25.	%	AKH	20-FEB-03	GRAV.
			PB	524.	ppm	AKH	21-FEB-03	6010B
			SB	14.	ppm	AKH	24-FEB-03	6020
			SE	0.90	ppm	AKH	24-FEB-03	6020
			SN	78.	ppm	AKH	21-FEB-03	6010B
			TL	4.0	ppm	AKH	24-FEB-03	6020

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION		PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-013	11-FEB-03	B-219 (0-0.5)		AS	6.9	ppm	AKH	21-FEB-03	6010B
				CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CO	5.6	ppm	AKH	21-FEB-03	6010B
				CR	13.	ppm	AKH	21-FEB-03	6010B
				CU	5.9	ppm	AKH	21-FEB-03	6010B
				MN	367.	ppm	AKH	21-FEB-03	6010B
				PB	13.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-014	11-FEB-03	B-219 (2-2.5)		AS	<5.0	ppm	AKH	21-FEB-03	6010B
				CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CO	5.7	ppm	AKH	21-FEB-03	6010B
				CR	14.	ppm	AKH	21-FEB-03	6010B
				CU	7.0	ppm	AKH	21-FEB-03	6010B
				MN	325.	ppm	AKH	21-FEB-03	6010B
				PB	11.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-015	11-FEB-03	B-219 (4.5-5)		AS	12.	ppm	AKH	21-FEB-03	6010B
				CD	130.	ppm	AKH	21-FEB-03	6010B
				CO	9.2	ppm	AKH	21-FEB-03	6010B
				CR	12.	ppm	AKH	21-FEB-03	6010B
				CU	1176.	ppm	AKH	21-FEB-03	6010B
				MN	6203.	ppm	AKH	21-FEB-03	6010B
				PB	11.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-016	11-FEB-03	DUPLICATE-2	B-219 (0-0.5)	AS	<5.0	ppm	AKH	21-FEB-03	6010B
				CD	<1.0	ppm	AKH	21-FEB-03	6010B
				CO	5.6	ppm	AKH	21-FEB-03	6010B
				CR	13.	ppm	AKH	21-FEB-03	6010B
				CU	9.9	ppm	AKH	21-FEB-03	6010B
				MN	333.	ppm	AKH	21-FEB-03	6010B
				PB	10.	ppm	AKH	21-FEB-03	6010B
				SB	<0.80	ppm	AKH	24-FEB-03	6020
L030059-017	12-FEB-03	B-221 (0-0.5)		AG	<0.50	ppm	AKH	21-FEB-03	6010B
				CD	21.	ppm	AKH	21-FEB-03	6010B
				CR	16.	ppm	AKH	21-FEB-03	6010B

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Encycle/Texas

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Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-017	12-FEB-03	B-221 (0-0.5)	CU	205.	ppm	AKH	21-FEB-03	6010B
			HG	0.38	ppm	EH	25-FEB-03	245.1
			MOIST.	22.	%	AKH	20-FEB-03	GRAV.
			SB	1.1	ppm	AKH	24-FEB-03	6020
			SE	<0.80	ppm	AKH	24-FEB-03	6020
			SN	5.2	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020
L030059-018	12-FEB-03	B-221 (2-2.5)	AG	<0.50	ppm	AKH	21-FEB-03	6010B
			CD	<1.0	ppm	AKH	21-FEB-03	6010B
			CR	17.	ppm	AKH	21-FEB-03	6010B
			CU	8.7	ppm	AKH	21-FEB-03	6010B
			HG	<0.050	ppm	EH	25-FEB-03	245.1
			MOIST.	32.	%	AKH	20-FEB-03	GRAV.
			SB	1.5	ppm	AKH	24-FEB-03	6020
			SE	<0.80	ppm	AKH	24-FEB-03	6020
			SN	<5.0	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020
L030059-019	12-FEB-03	B-221 (4.7-5)	AG	2.6	ppm	AKH	21-FEB-03	6010B
			CD	327.	ppm	AKH	21-FEB-03	6010B
			CR	10.	ppm	AKH	21-FEB-03	6010B
			CU	260.	ppm	AKH	21-FEB-03	6010B
			HG	0.17	ppm	EH	25-FEB-03	245.1
			MOIST.	27.	%	AKH	20-FEB-03	GRAV.
			SB	1.4	ppm	AKH	24-FEB-03	6020
			SE	<0.80	ppm	AKH	24-FEB-03	6020
			SN	6.1	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020
L030059-020	12-FEB-03	B-223 (0-0.5)	AG	37.	ppm	AKH	21-FEB-03	6010B
			AS	553.	ppm	AKH	21-FEB-03	6010B
			BI	<10.	ppm	AKH	24-FEB-03	6010B
			CD	343.	ppm	AKH	21-FEB-03	6010B
			CN-	<0.10	ppm	VPK	24-FEB-03	335.2
			CO	53.	ppm	AKH	21-FEB-03	6010B
			CR	27.	ppm	AKH	21-FEB-03	6010B
			CU	9588.	ppm	AKH	21-FEB-03	6010B
			HG	1.1	ppm	EH	25-FEB-03	245.1

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION		PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-020	12-FEB-03	B-223 (0-0.5)		MN	37520.	ppm	AKH	21-FEB-03	6010B
				MOIST.	33.	%	AKH	20-FEB-03	GRAV.
				NI	49.	ppm	AKH	21-FEB-03	6010B
				PB	5184.	ppm	AKH	21-FEB-03	6010B
				SB	24.	ppm	AKH	24-FEB-03	6020
				SE	1.0	ppm	AKH	24-FEB-03	6020
				SN	215.	ppm	AKH	21-FEB-03	6010B
L030059-021	12-FEB-03	B-223 (0.9-1.2)		AG	30.	ppm	AKH	21-FEB-03	6010B
				AS	4443.	ppm	AKH	21-FEB-03	6010B
				BI	<50.*	ppm	AKH	24-FEB-03	6010B
				CD	364.	ppm	AKH	21-FEB-03	6010B
				CN-	0.26	ppm	VPK	24-FEB-03	335.2
				CO	65.	ppm	AKH	21-FEB-03	6010B
				CR	18.	ppm	AKH	21-FEB-03	6010B
				CU	53520.	ppm	AKH	21-FEB-03	6010B
				HG	0.56	ppm	EH	25-FEB-03	245.1
				MN	11320.	ppm	AKH	21-FEB-03	6010B
				MOIST.	35.	%	AKH	20-FEB-03	GRAV.
				NI	82.	ppm	AKH	21-FEB-03	6010B
				PB	9904.	ppm	AKH	21-FEB-03	6010B
				SB	82.	ppm	AKH	26-FEB-03	6010B
				SE	23.	ppm	AKH	26-FEB-03	6010B
				SN	130.	ppm	AKH	21-FEB-03	6010B
L030059-022	12-FEB-03	B-209 (0-0.5)		CD	73.	ppm	AKH	21-FEB-03	6010B
				HG	4.5	ppm	EH	25-FEB-03	245.1
				MOIST.	30.	%	AKH	20-FEB-03	GRAV.
				PB	420.	ppm	AKH	21-FEB-03	6010B
				SE	6.4	ppm	AKH	24-FEB-03	6020
L030059-023	12-FEB-03	B-213 (0-0.5)		CD	88.	ppm	AKH	21-FEB-03	6010B
				HG	94.	ppm	EH	25-FEB-03	245.1
				MOIST.	31.	%	AKH	20-FEB-03	GRAV.
				PB	733.	ppm	AKH	21-FEB-03	6010B
				SE	43.	ppm	AKH	24-FEB-03	6020
L030059-024	12-FEB-03	DUPLICATE-3	B209 (0-0.5)	CD	55.	ppm	AKH	21-FEB-03	6010B
				HG	2.5	ppm	EH	25-FEB-03	245.1

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION		PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030059-024	12-FEB-03	DUPLICATE-3	B209 (0-0.5)	MOIST.	27.	%	AKH	20-FEB-03	GRAV.
				PB	244.	ppm	AKH	21-FEB-03	6010B
				SE	3.1	ppm	AKH	24-FEB-03	6020
L030059-025	12-FEB-03	B-210 (0-0.5)		CD	9.4	ppm	AKH	21-FEB-03	6010B
				HG	0.78	ppm	EH	25-FEB-03	245.1
				MOIST.	31.	%	AKH	20-FEB-03	GRAV.
				PB	57.	ppm	AKH	21-FEB-03	6010B
				SE	2.5	ppm	AKH	24-FEB-03	6020
L030059-026	12-FEB-03	B-214 (0-0.5)		CD	2.6	ppm	AKH	21-FEB-03	6010B
				HG	2.1	ppm	EH	25-FEB-03	245.1
				MOIST.	31.	%	AKH	20-FEB-03	GRAV.
				PB	66.	ppm	AKH	21-FEB-03	6010B
				SE	1.7	ppm	AKH	24-FEB-03	6020
L030059-027	12-FEB-03	B-211 (0-0.5)		CD	70.	ppm	AKH	21-FEB-03	6010B
				HG	0.37	ppm	EH	25-FEB-03	245.1
				MOIST.	32.	%	AKH	20-FEB-03	GRAV.
				PB	328.	ppm	AKH	21-FEB-03	6010B
				SE	3.5	ppm	AKH	24-FEB-03	6020
L030059-028	12-FEB-03	B-215 (0-0.5)		CD	51.	ppm	AKH	21-FEB-03	6010B
				HG	1.9	ppm	EH	25-FEB-03	245.1
				MOIST.	80.	%	AKH	20-FEB-03	GRAV.
				PB	401.	ppm	AKH	21-FEB-03	6010B
				SE	<0.80	ppm	AKH	24-FEB-03	6020
L030059-029	12-FEB-03	B-212 (0-0.5)		CD	31.	ppm	AKH	21-FEB-03	6010B
				HG	0.054	ppm	EH	25-FEB-03	245.1
				MOIST.	15.	%	AKH	20-FEB-03	GRAV.
				PB	45.	ppm	AKH	21-FEB-03	6010B
				SE	<0.80	ppm	AKH	24-FEB-03	6020
L030059-030	12-FEB-03	B-216 (0-0.5)		CD	15.	ppm	AKH	21-FEB-03	6010B
				HG	0.46	ppm	EH	25-FEB-03	245.1
				MOIST.	39.	%	AKH	20-FEB-03	GRAV.
				PB	96.	ppm	AKH	21-FEB-03	6010B
				SE	0.93	ppm	AKH	24-FEB-03	6020

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030059

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

(*) Bi detection limit for sample 21 was elevated due to matrix interference.
The presence of heavy metals in sample 21 gave very poor ICP-MS readings for Se and Sb. ICP readings were used.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030079

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030079-1		Matrix Spike	AG	114	%Recovery	AKH	21-FEB-03	6010B
			AS	100	%Recovery	AKH	21-FEB-03	6010B
			BI	95	%Recovery	AKH	24-FEB-03	6010B
			CD	98	%Recovery	AKH	21-FEB-03	6010B
			CN-	110	%Recovery	VPK	24-FEB-03	335.2
			CO	101	%Recovery	AKH	21-FEB-03	6010B
			CR	104	%Recovery	AKH	21-FEB-03	6010B
			CU	100	%Recovery	AKH	21-FEB-03	6010B
			HG	SR>4SA	%Recovery	EH	25-FEB-03	245.1
			MN	113	%Recovery	AKH	21-FEB-03	6010B
			NI	100	%Recovery	AKH	21-FEB-03	6010B
			PB	100	%Recovery	AKH	21-FEB-03	6010B
			SB	48*	%Recovery	AKH	24-FEB-03	6020
			SE	76	%Recovery	AKH	24-FEB-03	6020
			SN	106	%Recovery	AKH	21-FEB-03	6010B
			TL	96	%Recovery	AKH	24-FEB-03	6020
WG030079-2		Prep Blank	AG	<0.50	ppm	AKH	21-FEB-03	6010B
			AS	<5.0	ppm	AKH	21-FEB-03	6010B
			BI	<10.	ppm	AKH	24-FEB-03	6010B
			CD	<1.0	ppm	AKH	21-FEB-03	6010B
			CN-	<0.10	ppm	VPK	24-FEB-03	335.2
			CO	<5.0	ppm	AKH	21-FEB-03	6010B
			CR	<5.0	ppm	AKH	21-FEB-03	6010B
			CU	<5.0	ppm	AKH	21-FEB-03	6010B
			HG	<0.050	ppm	EH	25-FEB-03	245.1
			MN	<5.0	ppm	AKH	21-FEB-03	6010B
			NI	<5.0	ppm	AKH	21-FEB-03	6010B
			PB	<5.0	ppm	AKH	21-FEB-03	6010B
			SB	<0.80	ppm	AKH	24-FEB-03	6020
			SE	<0.80	ppm	AKH	24-FEB-03	6020
			SN	<5.0	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020
WG030079-3		Lab Control Sample	AG	76	%Recovery	AKH	21-FEB-03	6010B
			AS	96	%Recovery	AKH	21-FEB-03	6010B
			BI	98	%Recovery	AKH	24-FEB-03	6010B
			CD	102	%Recovery	AKH	21-FEB-03	6010B
			CN-	97	%Recovery	VPK	24-FEB-03	335.2

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Encycle/Texas

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Batch No: WG030079

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030079-3		Lab Control Sample	CO	103	%Recovery	AKH	21-FEB-03	6010B
			CR	103	%Recovery	AKH	21-FEB-03	6010B
			CU	103	%Recovery	AKH	21-FEB-03	6010B
			HG	78	%Recovery	EH	25-FEB-03	245.1
			MN	105	%Recovery	AKH	21-FEB-03	6010B
			NI	103	%Recovery	AKH	21-FEB-03	6010B
			PB	101	%Recovery	AKH	21-FEB-03	6010B
			SB	103	%Recovery	AKH	24-FEB-03	6020
			SE	80	%Recovery	AKH	24-FEB-03	6020
			SN	109	%Recovery	AKH	21-FEB-03	6010B
			TL	99	%Recovery	AKH	24-FEB-03	6020
WG030079-4		Duplicate	CN-	<1	% RPD	VPK	24-FEB-03	335.2
			HG	<1	% RPD	EH	25-FEB-03	245.1
			MOIST.	2.6	% RPD	AKH	20-FEB-03	GRAV.
WG030079-5		Matrix Spike Duplicate	AG	3.8	% RPD	AKH	21-FEB-03	6010B
			AS	2.6	% RPD	AKH	21-FEB-03	6010B
			BI	4.1	% RPD	AKH	24-FEB-03	6010B
			CD	1.6	% RPD	AKH	21-FEB-03	6010B
			CO	<1	% RPD	AKH	21-FEB-03	6010B
			CR	1.7	% RPD	AKH	21-FEB-03	6010B
			CU	<1	% RPD	AKH	21-FEB-03	6010B
			HG	8.9	% RPD	EH	25-FEB-03	245.1
			MN	<1	% RPD	AKH	21-FEB-03	6010B
			NI	2.2	% RPD	AKH	21-FEB-03	6010B
			PB	1.8	% RPD	AKH	21-FEB-03	6010B
			SB	5.4	% RPD	AKH	24-FEB-03	6020
			SE	4	% RPD	AKH	24-FEB-03	6020
			SN	<1	% RPD	AKH	21-FEB-03	6010B
			TL	6.1	% RPD	AKH	24-FEB-03	6020
WG030079-6		Reporting Limit	AG	0.50	ppm			6010B
			AS	5.0	ppm			6010B
			BI	10.	ppm			6010B
			CD	1.0	ppm			6010B
			CN-	0.10	ppm			335.2
			CO	5.0	ppm			6010B
			CR	5.0	ppm			6010B

ASARCO TECHNICAL SERVICES CENTER

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Encycle/Texas

(Project RFI)

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LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030079-6		Reporting Limit	CU	5.0	ppm			6010B
			HG	0.050	ppm			245.1
			MN	5.0	ppm			6010B
			NI	5.0	ppm			6010B
			PB	5.0	ppm			6010B
			SB	0.80	ppm			6020
			SE	0.80	ppm			6020
			SN	5.0	ppm			6010B
			TL	1.0	ppm			6020
WG030079-7		Matrix Spike	AG	120	%Recovery	AKH	21-FEB-03	6010B
			AS	SR>4SA	%Recovery	AKH	21-FEB-03	6010B
			CD	82	%Recovery	AKH	21-FEB-03	6010B
			CO	89	%Recovery	AKH	21-FEB-03	6010B
			CR	94	%Recovery	AKH	21-FEB-03	6010B
			CU	SR>4SA	%Recovery	AKH	21-FEB-03	6010B
			MN	SR>4SA	%Recovery	AKH	21-FEB-03	6010B
			NI	88	%Recovery	AKH	21-FEB-03	6010B
			PB	SR>4SA	%Recovery	AKH	21-FEB-03	6010B
			SB	107	%Recovery	AKH	26-FEB-03	6010B
			SE	88	%Recovery	AKH	26-FEB-03	6010B
			SN	95	%Recovery	AKH	21-FEB-03	6010B
			TL	88	%Recovery	AKH	24-FEB-03	6020
WG030079-8		Prep Blank	AG	<0.50	ppm	AKH	21-FEB-03	6010B
			AS	<5.0	ppm	AKH	21-FEB-03	6010B
			CD	<1.0	ppm	AKH	21-FEB-03	6010B
			CO	<5.0	ppm	AKH	21-FEB-03	6010B
			CR	<5.0	ppm	AKH	21-FEB-03	6010B
			CU	<5.0	ppm	AKH	21-FEB-03	6010B
			MN	<5.0	ppm	AKH	21-FEB-03	6010B
			NI	<5.0	ppm	AKH	21-FEB-03	6010B
			PB	<5.0	ppm	AKH	21-FEB-03	6010B
			SB	<0.80	ppm	AKH	26-FEB-03	6010B
			SE	<0.80	ppm	AKH	24-FEB-03	6020
			SN	<5.0	ppm	AKH	21-FEB-03	6010B
			TL	<1.0	ppm	AKH	24-FEB-03	6020

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030079

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030079-9		Lab Control Sample	AG	76	%Recovery	AKH	21-FEB-03	6010B
			AS	96	%Recovery	AKH	21-FEB-03	6010B
			CD	94	%Recovery	AKH	21-FEB-03	6010B
			CO	98	%Recovery	AKH	21-FEB-03	6010B
			CR	98	%Recovery	AKH	21-FEB-03	6010B
			CU	101	%Recovery	AKH	21-FEB-03	6010B
			MN	105	%Recovery	AKH	21-FEB-03	6010B
			NI	96	%Recovery	AKH	21-FEB-03	6010B
			PB	98	%Recovery	AKH	21-FEB-03	6010B
			SB	99	%Recovery	AKH	26-FEB-03	6010B
			SE	81	%Recovery	AKH	26-FEB-03	6010B
			SN	102	%Recovery	AKH	21-FEB-03	6010B
			TL	97	%Recovery	AKH	24-FEB-03	6020
WG030079-11		Matrix Spike Duplicate	AG	1.4	% RPD	AKH	21-FEB-03	6010B
			AS	1.1	% RPD	AKH	21-FEB-03	6010B
			CD	2.2	% RPD	AKH	21-FEB-03	6010B
			CO	3.5	% RPD	AKH	21-FEB-03	6010B
			CR	2.7	% RPD	AKH	21-FEB-03	6010B
			CU	2.6	% RPD	AKH	21-FEB-03	6010B
			MN	<1	% RPD	AKH	21-FEB-03	6010B
			NI	2.9	% RPD	AKH	21-FEB-03	6010B
			PB	1.2	% RPD	AKH	21-FEB-03	6010B
			SB	3.8	% RPD	AKH	26-FEB-03	6010B
			SE	10	% RPD	AKH	26-FEB-03	6010B
			SN	<1	% RPD	AKH	21-FEB-03	6010B
			TL	3.3	% RPD	AKH	24-FEB-03	6020

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ARCADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: Encyle RFI

Project Location: Encycle Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Sb, Ca, Cr, Cu, Pb, Hg, Ag	Sb, Mn	Sb, Cr	[illegible]			Remarks	Total
B206 (0-0.5)	S	2/11/03 1050		X							1
B206 (2-2.5)	S	1053			X						1
B206 (5.5)	S	1057				X					1
B206 (8.5)	S	1101				X					1
B206 (11.5)	S	1111				X					1
B 206 (14.5)	S	1127				X					1
B 206 (17-17.5)	S	2/11/03 1130				X					1

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

Total No. of Bottles/Containers: 7

Relinquished by: Bryan Hm	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact?
Received by: M. Pittley	Organization: ASARCO	Date 2/14/03	Time 11:00	(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 - On ice

Follow method & detection limits listed on RFI table - Same as all other RFI samples

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

AG 05-12/01

A..CADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: ENCYCLE RFI

Project Location: Encycle Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Sb, Ca, Cr, Cu, Pb, Hg, Ag	Sb, Mn	Sb, Cr	Sb			Remarks	Total
B 207 (0-0.5)	S	2/11/03 1145		HOLD							1
B 207 (2-2.5)	S	1147			HOLD						1
B207 (5.5)	S	1152				HOLD					1
B207 (8.5)	S	1155					HOLD				1
B207 (11.5)	S	1205					HOLD				1
B207 (14.5)	S	1207					HOLD				1
B207 (17.5)	S	1218					HOLD				1
B207 (19-19.5)	S	1221					HOLD				1
B 208 (0-0.5)	S	1235		HOLD							1
B208 (2-2.5)	S	1237			HOLD						1
B 208 (5.5)	S	1245				HOLD					1
B208 (8.5)	S	1248					HOLD				1
B208 (11.5)	S	1256					HOLD				1
B208 (14.5)	S	1310					HOLD				1
B208 (15-15.5)	S	2/11/03 1313					HOLD				1

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

Total No. of Bottles/Containers: 15

Relinquished by: Brandner	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact? Yes No N/A
Received by: T. Otley	Organization: ASARCO	Date 2/14/03	Time 11:00	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: See Page 1

Delivery Method: ☐ In Person ☑ Common Carrier Fed Ex (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

ARCADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: ENCYCLE RFI

Project Location: ENCYCLE CORPUS CHRISTI, TX

Laboratory: ASARCO

Project Manager: Ken Blandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Cd, Cr, Cu, Mn						Remarks	Total
B-188A (5.5)	S	2/11/03 1433		X							1
B-188A (8.5)	S	1443		HOLD							1
B-188A (10.5-11)	S	1451		HOLD							1
DUPLICATE-1 (B-188A(5.5))	S	1433		X							1
FIELD BLANK	L	1420		X							1
~~EQUIPMENT~~ BLANK	L	2/11/03 1415		X							1

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

Total No. of Bottles/Containers: 6

Relinquished by: Bryan Blm	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact? Yes No N/A
Received by: M. Orth	Organization: ASARCO	Date 2/14/03	Time 11:00	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: See Page 1

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

AG 05-12/01

ARCADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: Encycle RFI

Project Location: Encycle Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH/ ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Sb, Cd, Cr, Cu, Hg, Mn, Se, As, Sn	Sb, As, Cd, Cr, Co, Cu, Pb, Mn, Hg, Se, As, Sn, Tl	As, Cd, Cu, Pb, Mn, Sb, Cr, Co				Remarks	Total
B-217 (0-0.5)	S	2/11/03 1531		X							1
B-217 (2-2.5)	S	1534			X						1
B-217 (3-3.5)	S	1536			X						1
B-218 (0-0.5)	S	2/11/03 1530		HOLD							1
B-219 (0-0.5)	S	1545				X					1
B-219 (2-2.5)	S	1547				X					1
B-219 (4.5-5)	S	1549				X					1
B-220 (0-0.5)	S	1550				HOLD					1
B-220 (2-2.5)	S	1553				HOLD					1
B-220 (4.5-5)	S	1555				HOLD					1
DUPLICATE-2 B-219 (0-0.5)	S	2/11/03 1545				X					1
EQUIPMENT BLANK-2	L	1610			X						1
FIELD BLANK-2	L	1615			X						1

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

Total No. of Bottles/ Containers: 13

Relinquished by: Bryan Hoy	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact?	
Received by: [illegible]	Organization: ASARCO	Date 2/14/03	Time 11:00	Yes No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: See Page 1

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

AG 05-12/01

ARCADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: Encycle RFI

Project Location: Encycle - Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Sb, Cd, Cr, Hg, Se, Ag, Tl, Sn, Cu		Sb, As, Bi, Cd, Cr, Co, Cu, CN-, Pb, Mn, Hg, Ni, Se, Ag, Sn					Remarks	Total
B221 (0-0.5)	S	2/12/03 900		X								1
B221 (2-2.5)	S	902		X								1
B221 (4.7-5)	S	905		X								1
B222 (0-0.5)	S	910		HOLD								1
B222 (2-2.5)	S	913		HOLD								1
B222 (4.7-5)	S	2/12/03 916		HOLD								1
B223 (0-0.5)	S	930				X						1
B223 (0.9-1.2')	S	935				X						1
B224 (0-0.4)	S	940				HOLD						1
B224 (0.4-0.9)	S	2/12/03 943				HOLD						1

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

Total No. of Bottles/Containers: 10

Relinquished by: Bryan Hunn	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact?
Received by: [illegible]	Organization: ASARCO	Date 2/14/03	Time 11:00	(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. - Watch holding time for CN- - ON ICE.

Use detection limits and analytical methods from "RFI table" - same as all other RFI samples.

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

AG 05-12/01

ARCADIS

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

CHAIN-OF-CUSTODY RECORD

Project Number/Name: Encycle RFI

Project Location: Encycle - Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Cd, Pb, Hg, Se		Sb, As, Be, Ca, Cr, Co, Cu, CN, Pb, Mn, Hg, Ni, Se, Ag, Sn				Remarks	Total
B209 (0-0.5)	S	2/12/03 1630		X							1
B209 (1.2-1.6)	S	1035		HOLD							1
B213 (0-0.5)	S	1040		X							1
B213 (1.2-1.6)	S	1044		HOLD							1
DUPLICATE-3 (B209 0-0.5)	S	1030		X							1
B210 (0-0.5)	S	1050		X							1
B214 (0-0.5)	S	1055		X							1
B211 (0-0.5)	S	1100		X							1
B215 (0-0.5)	S	1105		X							1
B212 (0-0.5)	S	1110		X							1
B212 (0.5-1)	S	1115		HOLD							1
B216 (0-0.5)	S	1120		X							1
~~B210~~											
EQUIPMENT BLANK-3	L	1140				X					2
FIELD BLANK-3	L	1145				X					2

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

Total No. of Bottles/Containers: 16

Relinquished by: B Brandner	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact?	
Received by: [illegible]	Organization: ASARCO	Date 2/14/03	Time 11:00	Yes	No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes	No N/A

Special Instructions/Remarks: See Page 1/1

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

AG 05-12/01

ASARCO

MAR 0 3 2003

February 27, 2003

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (2), two soil samples collected on February 12, 2003, in association with the Asarco Encycle RFI project and received by the laboratory on February 14, 2003.

The samples were distilled on February 19, 2003, as received, in accordance with EPA method 335.2 for cyanide analysis by the color development method.

If you need further information, please call me at (801) 262 2459, Extension 24.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030074

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030074-001	12-FEB-03	B224 (0-0.4)	CN-	<0.10	ppm	VPK	24-FEB-03	335.2
L030074-002	12-FEB-03	B224 (0.4-0.9)	CN-	<0.10	ppm	VPK	24-FEB-03	335.2

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030090

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030090-1		Matrix Spike	CN-	110	%Recovery	VPK	24-FEB-03	335.2
WG030090-2		Prep Blank	CN-	<0.10	ppm	VPK	24-FEB-03	335.2
WG030090-3		Lab Control Sample	CN-	97	%Recovery	VPK	24-FEB-03	335.2
WG030090-4		Duplicate	CN-	<1	% RPD	VPK	24-FEB-03	335.2
WG030090-6		Reporting Limit	CN-	0.10	ppm			335.2

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ARCADIS Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 1

Project Number/Name: Encycle RFI

Project Location: Encycle - Corpus Christi, TX

Laboratory: ASARCO

Project Manager: Ken Brandner

Sampler(s)/Affiliation: BH / ARCADIS

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	Sb, Cd, Cr, Hg, Se, Ag, Tl, Sn, Cu		Sb, As, Bi, Cd, Cr, Co, CN-, Pb, Mn, Hg, Ni, Se, Ag, Tl, Sn					Remarks	Total
B221 (0-0.5)	S	2/12/03 900		X								1
B221 (2-2.5)	S	902		X								1
B221 (4.7-5)	S	905		X								1
B222 (0-0.5)	S	910		HOLD								1
B222 (2-2.5)	S	913		HOLD								1
B222 (4.7-5)	S	2/12/03 916		HOLD								1
B223 (0-0.5)	S	930				X						1
B223 (0.9-1.2')	S	935				X						1
B224 (0-0.4)	S	940				HOLD						1
B224 (0.4-0.9)	S	12/12/03 943				HOLD						1

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

Total No. of Bottles/Containers: 10

Relinquished by: Bryan Thrun	Organization: ARCADIS	Date 2/12/03	Time 1630	Seal Intact? Yes No N/A
Received by: [illegible]	Organization: ASARCO	Date 2/14/03	Time 11:00	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks:

Results to Ken Brandner. — Watch holding time for CN — ON ICE.

Use detection limits and analytical methods from "RFI table" same as all other RFI samples.

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

AG 05-1

ASARCO

MAR 1 0 2003

March 4, 2003

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (10), ten soil samples collected between February 11, and February 12, 2003, in association with the Asarco Encycle RFI project and received by the laboratory on February 14, 2003.

The samples were digested on February 28, 2003, as received, in accordance with EPA method 245.1 for CETAC mercury analysis. Oven dried, sieved and ground samples were also digested on February 28, 2003,in accordance with EPA method 3050 for ICP analysis.Later on dilutions were made for ICP-MS analysis.

If you need further information, please call me at (801) 262 2459, Extension 24.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030079

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030079-001	11-FEB-03	B-218 (0-0.5)	HG	0.21	ppm	EH	03-MAR-03	245.1
L030079-002	12-FEB-03	B-222 (0-0.5)	HG	<0.05	ppm	EH	03-MAR-03	245.1
L030079-003	12-FEB-03	B-222 (2-2.5)	HG	<0.05	ppm	EH	03-MAR-03	245.1
L030079-004	12-FEB-03	B-222 (4.7-5)	HG	2.3	ppm	EH	03-MAR-03	245.1
L030079-005	12-FEB-03	B-224 (0-0.4)	HG	0.28	ppm	EH	03-MAR-03	245.1
L030079-006	12-FEB-03	B-224 (0.4-0.9)	HG	0.28	ppm	EH	03-MAR-03	245.1
L030079-007	12-FEB-03	B-209 (1.2-1.6)	CD	70.	ppm	AKH	03-MAR-03	6010B
			HG	10.	ppm	EH	03-MAR-03	245.1
			PB	288.	ppm	AKH	03-MAR-03	6010B
			SE	4.3	ppm	AKH	04-MAR-03	6020
L030079-008	12-FEB-03	B-213 (1.2-1.6)	CD	62.	ppm	AKH	03-MAR-03	6010B
			HG	1.5	ppm	EH	03-MAR-03	245.1
			PB	233.	ppm	AKH	03-MAR-03	6010B
			SE	28.	ppm	AKH	04-MAR-03	6020
L030079-009	12-FEB-03	B-212 (0.5-1)	CD	3.0	ppm	AKH	03-MAR-03	6010B
			HG	<0.05	ppm	EH	03-MAR-03	245.1
			PB	6.1	ppm	AKH	03-MAR-03	6010B
			SE	<0.80	ppm	AKH	04-MAR-03	6020
L030079-010	11-FEB-03	B-188A (5.5)	CD	<1.0	ppm	AKH	03-MAR-03	6010B
			HG	<0.05	ppm	EH	03-MAR-03	245.1
			PB	<5.0	ppm	AKH	03-MAR-03	6010B
			SE	<0.80	ppm	AKH	04-MAR-03	6020

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030079

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030096

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030096-1		Matrix Spike	CD	98	%Recovery	AKH	03-MAR-03	6010B
			HG	SR>4SA	%Recovery	EH	03-MAR-03	245.1
			PB	102	%Recovery	AKH	03-MAR-03	6010B
			SE	75	%Recovery	AKH	04-MAR-03	6020
WG030096-2		Prep Blank	CD	<1.0	ppm	AKH	03-MAR-03	6010B
			HG	<0.05	ppm	EH	03-MAR-03	245.1
			PB	<5.0	ppm	AKH	03-MAR-03	6010B
			SE	<0.80	ppm	AKH	04-MAR-03	6020
WG030096-3		Lab Control Sample	CD	98	%Recovery	AKH	03-MAR-03	6010B
			HG	110	%Recovery	EH	03-MAR-03	245.1
			PB	99	%Recovery	AKH	03-MAR-03	6010B
			SE	85	%Recovery	AKH	04-MAR-03	6020
WG030096-4		Duplicate	HG	<1	% RPD	EH	03-MAR-03	245.1
WG030096-5		Matrix Spike Duplicate	CD	1.2	% RPD	AKH	03-MAR-03	6010B
			HG	16	% RPD	EH	03-MAR-03	245.1
			PB	1.1	% RPD	AKH	03-MAR-03	6010B
			SE	<1	% RPD	AKH	04-MAR-03	6020
WG030096-6		Reporting Limit	CD	1.0	ppm			6010B
			HG	0.05	ppm			245.1
			PB	5.0	ppm			6010B
			SE	0.80	ppm			6020

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO

March 18, 2003

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (16), sixteen soil samples collected between February 11, and February 12, 2003, in association with the Asarco Encycle RFI project and received by the laboratory on February 14, 2003.

Oven dried, sieved and ground samples were digested on March 12, 2003,in accordance with EPA method 3050 for ICP analysis. Later on dilutions were made for ICP-MS analysis.

If you need further information, please call me at (801) 262 2459, Extension 24.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030093

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030093-001	11-FEB-03	B207 (0-0.5)	CR	18.*	ppm	AKH	14-MAR-03	6010B
L030093-002	11-FEB-03	B207 (2-2.5)	MN	396.	ppm	AKH	14-MAR-03	6010B
L030093-003	11-FEB-03	B207 (5.5)	CR	18.*	ppm	AKH	14-MAR-03	6010B
L030093-004	11-FEB-03	B207 (8.5)	CR	20.*	ppm	AKH	14-MAR-03	6010B
L030093-005	11-FEB-03	B207 (11.5)	CR	26.*	ppm	AKH	14-MAR-03	6010B
L030093-006	11-FEB-03	B207 (14.5)	CR	15.*	ppm	AKH	14-MAR-03	6010B
L030093-007	11-FEB-03	B188A (5.5)	AG	<0.50	ppm	AKH	14-MAR-03	6010B
			AS	5.7	ppm	AKH	14-MAR-03	6010B
			CO	5.2	ppm	AKH	14-MAR-03	6010B
			SN	<5.0	ppm	AKH	14-MAR-03	6010B
L030093-008	11-FEB-03	B188A (DUPLICATE A)	AG	<0.50	ppm	AKH	14-MAR-03	6010B
			AS	<5.0	ppm	AKH	14-MAR-03	6010B
			CO	5.3	ppm	AKH	14-MAR-03	6010B
			PB	6.8	ppm	AKH	14-MAR-03	6010B
			SE	<0.80	ppm	AKH	18-MAR-03	6020
			SN	<5.0	ppm	AKH	14-MAR-03	6010B
L030093-009	11-FEB-03	B218 (0-0.5)	AG	0.80	ppm	AKH	14-MAR-03	6010B
			AS	14.	ppm	AKH	14-MAR-03	6010B
			CD	94.	ppm	AKH	14-MAR-03	6010B
			CO	41.	ppm	AKH	14-MAR-03	6010B
			CU	252.	ppm	AKH	14-MAR-03	6010B
			MN	3818.	ppm	AKH	14-MAR-03	6010B
			PB	303.	ppm	AKH	14-MAR-03	6010B
			SB	4.3	ppm	AKH	18-MAR-03	6020
			SE	0.92	ppm	AKH	18-MAR-03	6020
			SN	9.1	ppm	AKH	14-MAR-03	6010B
			TL	2.0	ppm	AKH	18-FEB-03	6020
L030093-010	11-FEB-03	B220 (0-0.5)	MN	384.	ppm	AKH	14-MAR-03	6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030093

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030093-011	11-FEB-03	B220 (4.5-5)	AS	<5.0	ppm	AKH	14-MAR-03	6010B
			CD	82.	ppm	AKH	14-MAR-03	6010B
			CU	315.	ppm	AKH	14-MAR-03	6010B
			MN	7863.	ppm	AKH	14-MAR-03	6010B
L030093-012	12-FEB-03	B222 (0-0.5)	CD	26.	ppm	AKH	14-MAR-03	6010B
			CR	32.*	ppm	AKH	14-MAR-03	6010B
			CU	522.	ppm	AKH	14-MAR-03	6010B
			SB	2.9	ppm	AKH	18-MAR-03	6020
L030093-013	12-FEB-03	B222 (2-2.5)	CR	40.*	ppm	AKH	14-MAR-03	6010B
			SB	<0.80	ppm	AKH	18-MAR-03	6020
L030093-014	12-FEB-03	B222 (4.7-5)	AG	0.58	ppm	AKH	14-MAR-03	6010B
			CD	181.	ppm	AKH	14-MAR-03	6010B
			CU	80.	ppm	AKH	14-MAR-03	6010B
			SB	0.84	ppm	AKH	18-MAR-03	6020
L030093-015	12-FEB-03	B224 (0-0.4)	AG	1.6	ppm	AKH	14-MAR-03	6010B
			AS	23.	ppm	AKH	14-MAR-03	6010B
			BI	<4.0	ppm	AKH	14-MAR-03	6010B
			CD	30.	ppm	AKH	14-MAR-03	6010B
			CO	9.0	ppm	AKH	14-MAR-03	6010B
			CR	31.*	ppm	AKH	14-MAR-03	6010B
			CU	471.	ppm	AKH	14-MAR-03	6010B
			MN	1941.	ppm	AKH	14-MAR-03	6010B
			NI	17.	ppm	AKH	14-MAR-03	6010B
			PB	370.	ppm	AKH	14-MAR-03	6010B
			SB	3.0	ppm	AKH	18-MAR-03	6020
			SE	<0.80	ppm	AKH	18-MAR-03	6020
			SN	14.	ppm	AKH	14-MAR-03	6010B
L030093-016	12-FEB-03	B224 (0.4-0.9)	AG	<0.50	ppm	AKH	14-MAR-03	6010B
			AS	11.	ppm	AKH	14-MAR-03	6010B
			BI	<4.0	ppm	AKH	14-MAR-03	6010B
			CD	26.	ppm	AKH	14-MAR-03	6010B
			CO	6.7	ppm	AKH	14-MAR-03	6010B
			CR	19.*	ppm	AKH	14-MAR-03	6010B
			CU	131.	ppm	AKH	14-MAR-03	6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030093

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030093-016	12-FEB-03	B224 (0.4-0.9)	MN	353.	ppm	AKH	14-MAR-03	6010B
			NI	12.	ppm	AKH	14-MAR-03	6010B
			PB	57.	ppm	AKH	14-MAR-03	6010B
			SB	0.84	ppm	AKH	18-MAR-03	6020
			SE	<0.80	ppm	AKH	18-MAR-03	6020
			SN	<5.0	ppm	AKH	14-MAR-03	6010B

(*) Cr spike recovery was outside acceptance limits due to matrix interference. Results may be subject to bias.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030115

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030115-1		Matrix Spike	AG	102	%Recovery	AKH	14-MAR-03	6010B
			AS	96	%Recovery	AKH	14-MAR-03	6010B
			BI	100	%Recovery	AKH	14-MAR-03	6010B
			CD	87	%Recovery	AKH	14-MAR-03	6010B
			CO	94	%Recovery	AKH	14-MAR-03	6010B
			CR	129*	%Recovery	AKH	14-MAR-03	6010B
			CU	85	%Recovery	AKH	14-MAR-03	6010B
			MN	SR>4SA	%Recovery	AKH	14-MAR-03	6010B
			NI	109	%Recovery	AKH	14-MAR-03	6010B
			PB	78	%Recovery	AKH	14-MAR-03	6010B
			SB	93	%Recovery	AKH	18-MAR-03	6020
			SE	75	%Recovery	AKH	18-MAR-03	6020
			SN	99	%Recovery	AKH	14-MAR-03	6010B
			TL	83	%Recovery	AKH	18-FEB-03	6020
WG030115-2		Prep Blank	AG	<0.50	ppm	AKH	14-MAR-03	6010B
			AS	<5.0	ppm	AKH	14-MAR-03	6010B
			BI	<4.0	ppm	AKH	14-MAR-03	6010B
			CD	<1.0	ppm	AKH	14-MAR-03	6010B
			CO	<5.0	ppm	AKH	14-MAR-03	6010B
			CR	<5.0*	ppm	AKH	14-MAR-03	6010B
			CU	<5.0	ppm	AKH	14-MAR-03	6010B
			MN	<5.0	ppm	AKH	14-MAR-03	6010B
			NI	<5.0	ppm	AKH	14-MAR-03	6010B
			PB	<5.0	ppm	AKH	14-MAR-03	6010B
			SB	<0.80	ppm	AKH	18-MAR-03	6020
			SE	<0.80	ppm	AKH	18-MAR-03	6020
			SN	<5.0	ppm	AKH	14-MAR-03	6010B
			TL	<1.0	ppm	AKH	18-FEB-03	6020
WG030115-3		Lab Control Sample	AG	114	%Recovery	AKH	14-MAR-03	6010B
			AS	96	%Recovery	AKH	14-MAR-03	6010B
			BI	100	%Recovery	AKH	14-MAR-03	6010B
			CD	94	%Recovery	AKH	14-MAR-03	6010B
			CO	100	%Recovery	AKH	14-MAR-03	6010B
			CR	102*	%Recovery	AKH	14-MAR-03	6010B
			CU	96	%Recovery	AKH	14-MAR-03	6010B
			MN	104	%Recovery	AKH	14-MAR-03	6010B
			NI	97	%Recovery	AKH	14-MAR-03	6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030115

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030115-3		Lab Control Sample	PB	95	%Recovery	AKH	14-MAR-03	6010B
			SB	139**	%Recovery	AKH	18-MAR-03	6020
			SE	82	%Recovery	AKH	18-MAR-03	6020
			SN	96	%Recovery	AKH	14-MAR-03	6010B
			TL	118	%Recovery	AKH	18-FEB-03	6020
WG030115-4		Matrix Spike Duplicate	AG	<1	% RPD	AKH	14-MAR-03	6010B
			AS	3.9	% RPD	AKH	14-MAR-03	6010B
			BI	3.4	% RPD	AKH	14-MAR-03	6010B
			CD	3.1	% RPD	AKH	14-MAR-03	6010B
			CO	1.9	% RPD	AKH	14-MAR-03	6010B
			CR	1*	% RPD	AKH	14-MAR-03	6010B
			CU	2.2	% RPD	AKH	14-MAR-03	6010B
			MN	2.1	% RPD	AKH	14-MAR-03	6010B
			NI	1.4	% RPD	AKH	14-MAR-03	6010B
			PB	3.6	% RPD	AKH	14-MAR-03	6010B
			SB	<1	% RPD	AKH	18-MAR-03	6020
			SE	<1	% RPD	AKH	18-MAR-03	6020
			SN	<1	% RPD	AKH	14-MAR-03	6010B
			TL	6.8	% RPD	AKH	18-FEB-03	6020
WG030115-5		Reporting Limit	AG	0.50	ppm			6010B
			AS	5.0	ppm			6010B
			BI	4.0	ppm			6010B
			CD	1.0	ppm			6010B
			CO	5.0	ppm			6010B
			CR	5.0	ppm			6010B
			CU	5.0	ppm			6010B
			MN	5.0	ppm			6010B
			NI	5.0	ppm			6010B
			PB	5.0	ppm			6010B
			SB	0.80	ppm			6020
			SE	0.80	ppm			6020
			SN	5.0	ppm			6010B
			TL	1.0	ppm			6020

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030115

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

(*) Cr spike recovery was outside acceptable limits due to matrix interference. Results may be subject to bias.
(**) Sb labaratory control sample result recovery was higher than 120% but within acceptance limits.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO

APR 07 2003

April 02, 2003

Mr. Ken Brandner
Arcadis Geraghty & Miller

Attached are the analytical results and quality control data for (6), six soil samples collected on February 11, 2003, in association with the Asarco Encycle RFI project and received by the laboratory on February 14, 2003.

Oven dried, sieved and ground samples were digested on April 01, 2003,in accordance with EPA method 3050 for ICP analysis.

If you need further information, please call me at (801) 262 2459, Extension 24.

Sincerely,

Adil Harami
Senior Chemist

Attach.
cc: GRStanga (w/attach.)

ASARCO Incorporated • 3422 South 700 West • Salt Lake City Utah 84119-4191 • (801) 262-2459 • FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project 782001)

Batch No: L030127

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030127-001	11-MAR-03	B208 (0-0.5')	CR	22.	ppm	AKH	01-APR-03	6010B
L030127-002	11-MAR-03	B208 (2-2.5')	MN	458.	ppm	AKH	01-APR-03	6010B
L030127-003	11-MAR-03	B208 (5.5)	CR	20.	ppm	AKH	01-APR-03	6010B
L030127-004	11-MAR-03	B208 (8.5)	CR	18.	ppm	AKH	01-APR-03	6010B
L030127-005	11-MAR-03	B208 (11.5)	CR	23.	ppm	AKH	01-APR-03	6010B
L030127-006	11-MAR-03	B208 (14.5)	CR	10.	ppm	AKH	01-APR-03	6010B

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project 782001)

Batch No: WG030138

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030138-1		Matrix Spike	CR	108	%Recovery	AKH	01-APR-03	6010B
			MN	100	%Recovery	AKH	01-APR-03	6010B
WG030138-2		Prep Blank	CR	<10.	ppm	AKH	01-APR-03	6010B
			MN	<10.	ppm	AKH	01-APR-03	6010B
WG030138-3		Lab Control Sample	CR	102	%Recovery	AKH	01-APR-03	6010B
			MN	102	%Recovery	AKH	01-APR-03	6010B
WG030138-4		Matrix Spike Duplicate	CR	<1	% RPD	AKH	01-APR-03	6010B
			MN	2.1	% RPD	AKH	01-APR-03	6010B
WG030138-5		Reporting Limit	CR	10.	ppm			6010B
			MN	10.	ppm			6010B

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO

March 03, 2003

Mr. Ken Brandner
ARCADIS GERAGHTY & MILLER, Inc.
711 North Carancahua, Suite 1700
Corpus Christi, Texas 78475-1801

Please find attached the analytical results and quality control data for the six water samples collected February 11 and February 12, 2003 for Encycle/Texas Project. The laboratory received the samples on February 14, 2003.

If you have any questions, I can be reached at 801-262-2459 ext. 21.

Sincerely,

Bilquis Dhedhy
Chemist

cc: GRStanga (w/attach.)

ASARCO Incorporated 3422 South 700 West, Salt Lake City, Utah 84119-4191 (801) 262-2459 FAX (801) 261-2194

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030060

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030060-001	11-FEB-03	FIELD BLANK	CD	<0.005	ppm	MK	27-FEB-03	6020M
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			MN	<0.015	ppm	MK	24-FEB-03	6010B
L030060-002	11-FEB-03	EQUIPMENT BLANK	CD	<0.005	ppm	MK	27-FEB-03	6020M
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			MN	<0.015	ppm	MK	24-FEB-03	6010B
L030060-003	11-FEB-03	EQUIPMENT BLANK-2	AG	<0.005	ppm	MK	24-FEB-03	6010B
			AS	<0.005	ppm	MK	27-FEB-03	6020M
			CD	<0.005	ppm	MK	27-FEB-03	6020M
			CO	<0.050	ppm	MK	24-FEB-03	6010B
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			HG	<0.0005	ppm	EH	24-FEB-03	245.1
			MN	<0.015	ppm	MK	24-FEB-03	6010B
			PB	<0.010	ppm	MK	27-FEB-03	6020M
			SB	<0.050	ppm	MK	27-FEB-03	6020M
			SE	<0.010	ppm	MK	27-FEB-03	6020M
			SN	<0.050	ppm	MK	28-FEB-03	6010B
			TL	<0.002	ppm	MK	03-MAR-03	6020M
L030060-004	11-FEB-03	FIELD BLANK-2	AG	<0.005	ppm	MK	24-FEB-03	6010B
			AS	<0.005	ppm	MK	27-FEB-03	6020M
			CD	<0.005	ppm	MK	27-FEB-03	6020M
			CO	<0.050	ppm	MK	24-FEB-03	6010B
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			HG	<0.0005	ppm	EH	24-FEB-03	245.1
			MN	<0.015	ppm	MK	24-FEB-03	6010B
			PB	<0.010	ppm	MK	27-FEB-03	6020M
			SB	<0.050	ppm	MK	27-FEB-03	6020M
			SE	<0.010	ppm	MK	27-FEB-03	6020M
			SN	<0.050	ppm	MK	28-FEB-03	6010B
			TL	<0.002	ppm	MK	03-MAR-03	6020M

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030060

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
L030060-005	12-FEB-03	EQUIPMENT BLANK-3	AG	<0.005	ppm	MK	24-FEB-03	6010B
			AS	<0.005	ppm	MK	27-FEB-03	6020M
			BI	<0.050	ppm	MK	24-FEB-03	6010B
			CD	<0.005	ppm	MK	27-FEB-03	6020M
			CN-	<0.004	ppm	VK	19-FEB-03	335.2
			CO	<0.050	ppm	MK	24-FEB-03	6010B
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			HG	<0.0005	ppm	EH	24-FEB-03	245.1
			MN	<0.015	ppm	MK	24-FEB-03	6010B
			NI	<0.050	ppm	MK	27-FEB-03	6020M
			PB	<0.010	ppm	MK	27-FEB-03	6020M
			SB	<0.050	ppm	MK	27-FEB-03	6020M
			SE	<0.010	ppm	MK	27-FEB-03	6020M
			SN	<0.050	ppm	MK	28-FEB-03	6010B
L030060-006	12-FEB-03	FIELD BLANK-3	AG	<0.005	ppm	MK	24-FEB-03	6010B
			AS	<0.005	ppm	MK	27-FEB-03	6020M
			BI	<0.050	ppm	MK	24-FEB-03	6010B
			CD	<0.005	ppm	MK	27-FEB-03	6020M
			CN-	<0.004	ppm	VK	19-FEB-03	335.2
			CO	<0.050	ppm	MK	24-FEB-03	6010B
			CR	<0.010	ppm	MK	24-FEB-03	6010B
			CU	<0.025	ppm	MK	24-FEB-03	6010B
			HG	<0.0005	ppm	EH	24-FEB-03	245.1
			MN	<0.015	ppm	MK	24-FEB-03	6010B
			NI	<0.050	ppm	MK	27-FEB-03	6020M
			PB	<0.010	ppm	MK	27-FEB-03	6020M
			SB	<0.050	ppm	MK	27-FEB-03	6020M
			SE	<0.010	ppm	MK	27-FEB-03	6020M
			SN	<0.050	ppm	MK	28-FEB-03	6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: L030060

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD

Digestion Methods for totals - 3010 and 6020M.
Digestion conducted on February 21, 2003.

Unless otherwise noted results are not blank corrected.

Approved

Reviewer

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030086

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030086-1		Matrix Spike	AG	103	%Recovery	MK	24-FEB-03	6010B
			AS	97	%Recovery	MK	27-FEB-03	6020M
			BI	109	%Recovery	MK	24-FEB-03	6010B
			CD	100	%Recovery	MK	27-FEB-03	6020M
			CN-	110	%Recovery	VK	19-FEB-03	335.2
			CO	99	%Recovery	MK	24-FEB-03	6010B
			CR	102	%Recovery	MK	24-FEB-03	6010B
			CU	103	%Recovery	MK	24-FEB-03	6010B
			HG	89	%Recovery	EH	24-FEB-03	245.1
			MN	100	%Recovery	MK	24-FEB-03	6010B
			NI	92	%Recovery	MK	27-FEB-03	6020M
			PB	99	%Recovery	MK	27-FEB-03	6020M
			SB	89	%Recovery	MK	27-FEB-03	6020M
			SE	108	%Recovery	MK	27-FEB-03	6020M
			SN	99	%Recovery	MK	27-FEB-03	6010B
			TL	99	%Recovery	MK	03-MAR-03	6020M
WG030086-2		Prep Blank	AG	<0.005	ppm	MK	27-FEB-03	6010B
			AS	<0.005	ppm	MK	27-FEB-03	6020M
			BI	<0.050	ppm	MK	27-FEB-03	6010B
			CD	<0.005	ppm	MK	27-FEB-03	6020M
			CN-	<0.004	ppm	VK	19-FEB-03	335.2
			CO	<0.050	ppm	MK	27-FEB-03	6010B
			CR	<0.010	ppm	MK	27-FEB-03	6010B
			CU	<0.025	ppm	MK	27-FEB-03	6010B
			HG	<0.0005	ppm	EH	24-FEB-03	245.1
			MN	<0.015	ppm	MK	27-FEB-03	6010B
			NI	<0.050	ppm	MK	27-FEB-03	6020M
			PB	<0.010	ppm	MK	27-FEB-03	6020M
			SB	<0.050	ppm	MK	27-FEB-03	6020M
			SE	<0.010	ppm	MK	27-FEB-03	6020M
			SN	<0.050	ppm	MK	27-FEB-03	6010B
			TL	<0.002	ppm	MK	03-MAR-03	6020M
WG030086-3		Lab Control Sample	AG	100	%Recovery	MK	27-FEB-03	6010B
			AS	99	%Recovery	MK	27-FEB-03	6020M
			BI	98	%Recovery	MK	27-FEB-03	6010B
			CD	101	%Recovery	MK	27-FEB-03	6020M
			CN-	97	%Recovery	VK	19-FEB-03	335.2

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030086

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030086-3		Lab Control Sample	CO	94	%Recovery	MK	27-FEB-03	6010B
			CR	97	%Recovery	MK	27-FEB-03	6010B
			CU	102	%Recovery	MK	27-FEB-03	6010B
			HG	88	%Recovery	EH	24-FEB-03	245.1
			MN	97	%Recovery	MK	27-FEB-03	6010B
			NI	93	%Recovery	MK	27-FEB-03	6020M
			PB	96	%Recovery	MK	27-FEB-03	6020M
			SB	85	%Recovery	MK	27-FEB-03	6020M
			SE	113	%Recovery	MK	27-FEB-03	6020M
			SN	100	%Recovery	MK	27-FEB-03	6010B
			TL	98	%Recovery	MK	03-MAR-03	6020M
WG030086-4		Matrix Spike Duplicate	AG	2.5	% RPD	MK	24-FEB-03	6010B
			AS	1.0	% RPD	MK	27-FEB-03	6020M
			BI	2.8	% RPD	MK	24-FEB-03	6010B
			CD	<1	% RPD	MK	27-FEB-03	6020M
			CN-	<1	% RPD	VK	19-FEB-03	335.2
			CO	3.1	% RPD	MK	24-FEB-03	6010B
			CR	3.0	% RPD	MK	24-FEB-03	6010B
			CU	2.5	% RPD	MK	24-FEB-03	6010B
			HG	1.1	% RPD	EH	24-FEB-03	245.1
			MN	2.0	% RPD	MK	24-FEB-03	6010B
			NI	1.6	% RPD	MK	27-FEB-03	6020M
			PB	1.0	% RPD	MK	27-FEB-03	6020M
			SB	5.9	% RPD	MK	27-FEB-03	6020M
			SE	<1	% RPD	MK	27-FEB-03	6020M
			SN	2.7	% RPD	MK	27-FEB-03	6010B
			TL	5.4	% RPD	MK	03-MAR-03	6020M
WG030086-5		Reporting Limit	AG	0.005	ppm			6010B
			AS	0.005	ppm			6020M
			BI	0.050	ppm			6010B
			CD	0.005	ppm			6020M
			CN-	0.004	ppm			335.2
			CO	0.050	ppm			6010B
			CR	0.010	ppm			6010B
			CU	0.025	ppm			6010B
			HG	0.0005	ppm			245.1
			MN	0.015	ppm			6010B

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

Encycle/Texas

(Project RFI)

Batch No: WG030086

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	METHOD
WG030086-5		Reporting Limit	NI	0.050	ppm			6020M
			PB	0.010	ppm			6020M
			SB	0.050	ppm			6020M
			SE	0.010	ppm			6020M
			SN	0.050	ppm			6010B
			TL	0.002	ppm			6020M

Unless otherwise noted results are not blank corrected.

Approved

Reviewer