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MONITORING REPORTS YEAR(S):

__2009__

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TRIDENT ENVIRONMENTAL

November 29, 2009

Mr. Brad Jones
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

Re: Centralized Surface Waste Management Facility NM-02-0021
2009 Operations and Monitoring Report
John H. Hendrix Corporation
Section 15, Township 24 South, Range 36 East, Lea County, New Mexico

Dear Mr. Jones:

Trident Environmental, as agent for John H. Hendrix Corporation (JHHC), submits this report to the New Mexico Oil Conservation Division (OCD) for centralized surface waste management facility NM-02-0021 (facility). This report presents the operations, maintenance and monitoring results for soil and groundwater samples collected during calendar year 2009, and includes historical background information. The facility occupies approximately 200 acres in Section 15, Township 24 South, Range 36 East, Lea County, New Mexico as shown in Figure 1.

Operation Background

OCD issued permit number NM-02-0021 to JHHC on November 29, 2004 to construct and operate a centralized surface waste management facility for treating non-hazardous petroleum hydrocarbon-impacted soil resulting from spills, releases and pits from JHHC oil and gas operations.

The facility consists of twelve main cells, numbered 1 through 12. Each 12 acre cell measures approximately 400 ft (north-south) by 1450 ft (east-west) as depicted in Figure 2. The main cells are subdivided into three sub-cells, lettered A, B, and C, each measuring approximately 400 ft x 480 ft (4.40 acres). Cells 10B and 10C are currently are in use for hydrocarbon-impacted soil and tilled once every two weeks (biweekly) to enhance the biodegradation of petroleum hydrocarbons. Cell 1C is currently in use for soils blended such that chloride is no greater than 1,000 mg/kg. Cells 1A and 1B are closed, and cells 11 and 12 have reached capacity and discontinued accepting imported soil.

Between January 5, 2009 and October 22, 2009, the facility accepted a total of approximately 4,526 cubic yards (yds^3) of contaminated soil from JHHC operations. All of this soil was placed in Cells 10B and 10C. Appendix A presents quarterly summaries for soil hauled to the facility during the reporting period.

Sampling Procedures

Soil samples are collected from the active cells according to a semi-annual (twice yearly) schedule approved by the OCD in the permit modification on January 4, 2006. During each event of the 2009 reporting period, soil samples were collected using a decontaminated hand auger, placed in pre-cleaned 4-ounce jars, properly labeled, and placed in an ice-filled cooler. Sample locations were recorded using a handheld global positioning device (Garmin *eTrex*™ GPS). The auger holes were backfilled with bentonite and hydrated with potable water. Samples were hand-delivered under chain of custody to Cardinal Laboratories (Hobbs, NM) for analysis.

During the first 2009 semi-annual event on March 25, 2009, samples were randomly collected at cells 1C, 10C, 11A, 11B, 11C, 12A, 12B, and 12C within the treatment zone (approximately 0 to1 ft below the surface) and the vadose zone (approximately 2 to 3 ft below the base of each cell) for analysis of benzene, toluene, ethyl benzene, xylene (BTEX), and total petroleum hydrocarbons (TPH).

During the 2009 annual sampling event on October 1, 2009, samples were randomly collected at cells 1C, 10B, 10C, 11A, 11B, 11C, 12A, 12B, and 12C. The annual treatment zone samples were analyzed for BTEX, TPH, and chloride, while the vadose zone samples were analyzed for BTEX, TPH, metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) and major ions (total alkalinity, calcium, magnesium, potassium, sodium, chloride and sulfate).

Five monitoring wells were installed at the facility on July 1, 2005 (MW-1, MW-2, and MW-3) and April 26, 2006 (MW-4 and MW-5) to establish baseline (background) groundwater conditions prior to landfarm activity. Even though groundwater monitoring is beyond the requirements or scope under the surface waste management regulations and the permit, it has taken place on a semi-annual basis since 2005. Depth to groundwater at the facility varies from approximately 147 ft below ground surface (bgs) at monitoring well MW-l, to 178 ft bgs at MW-3, as measured by Arc Environmental using an electronic water level indicator. On March 25, 2009 and October 1, 2009, Arc Environmental collected groundwater samples from the five monitoring wells with dedicated disposable polyethylene bailers after removing a minimum of three casing volumes of water from each well using either a decontaminated submersible pump or by hand bailing with a dedicated disposable polyethylene bailer. Groundwater samples were placed in appropriately preserved containers provided by the laboratory, labeled, and placed in an ice-filled cooler. After collection of all samples they were then hand-delivered under chain of custody to Cardinal Laboratories (Hobbs, NM) for analysis of BTEX, total dissolved solids (TDS), and chloride.

Soil Analytical Results

The complete historical summary of analytical results for the background, treatment zone, and vadose zone samples are listed in Tables 1 (BTEX, TPH, and chloride), Table 2 (metals), and Table 3 (major ions). The cell by cell presentation format for listing all analytical results is intended to simplify comparisons to background soil concentrations and recognition of decreasing or increasing trends over time. Laboratory analytical reports, chains of custody, and sample locations are included in Appendix B.

Vadose Zone Samples

The BTEX and TPH analytical results are summarized in Table 1. The metal analyses are listed in Table 2 and the major ions summarized in Table 3. Laboratory analytical reports, chains of custody, and sample locations are included in Appendix B.

The vadose zone sample results are compared to the background soil concentrations to evaluate potential infiltration of anthropogenic constituents of concern into the underlying native soils.

For both sampling events during 2009, benzene, BTEX and TPH concentrations in the vadose zone samples in each sampled cell are comparable to background levels and were less than the method detection limits (0.050 mg/kg, 0.300 mg/kg, and 20 mg/kg, respectively) for these constituents, indicating that there has been no migration of these constituents to underlying soils. In addition, chloride concentrations within the vadose zone ranged from <16 mg/kg to 260 mg/kg, well below the 1,000 mg/kg permitted level, and with no evidence of downward migration.

Metal and major ion constituents within the vadose zone are consistent with background concentrations and normal variations, and there are no distinguishable trends of increasing concentrations over time. There is no evidence of anthropogenic sources for these constituents within the vadose zone. Some variability in metal and major ion concentrations is expected due to differences in soil mineralogy.

Treatment (Tilled) Zone Samples

The treatment zone sample results are compared to target remediation levels established in the permit (10 mg/kg for benzene, 50 mg/kg for BTEX, 100 mg/kg for TPH, and 1,000 mg/kg for chloride).

As summarized in Table 1, benzene and BTEX concentrations in the treatment zone were below the method detection limits (0.05 mg/kg and 0.300 mg/kg, respectively) for all cells during each sampling event. The 100 mg/kg target remediation level for TPH in the treatment zone has been met for cells 1A, 1B, 11A, 11C, 12A, 12B, and 12C.

Groundwater Conditions

A cumulative summary of historical groundwater monitoring results are listed in Table 4. Results from the two semi-annual groundwater monitoring events conducted on March 25, 2009 and October 1, 2009, are also depicted in Figures 2 and 3, respectively.

Depth to groundwater at the facility varies from approximately 147 ft below ground surface (bgs) at monitoring well MW-1, to 178 ft bgs at MW-3. The direction groundwater flow is to the south-southwest with a hydraulic gradient of approximately 0.001 ft/ft. Depth to groundwater and direction of flow is consistent with previous monitoring events.

The groundwater analytical results for each monitoring well continue to be below Water Quality Control Commission (WQCC) standards and detection limits for all constituents of BTEX. Chloride and TDS concentrations in monitoring wells MW-2, MW-3, MW-4, and MW-5 also continue to be below the WQCC standards of 250 mg/L and 1,000 mg/L, respectively. Although chloride and TDS concentrations in monitoring well MW-1 remain above the WQCC standards, they are consistent with the previously determined baseline (background) conditions as established prior to activation of landfarm use.

Past analyses for metals and major ions are listed in Table 5.

Recommendations

With concurrence from OCD, further sampling and tilling of cells 1A, 1B, 11A, 11C, 12A, 12B, and 12C will be discontinued since laboratory results show benzene, BTEX and TPH below the permitted remediation target levels of 10 mg/kg, 50 mg/kg and 100 mg/kg, respectively.

Soil samples will continue to be collected from the treatment and vadose zones in the active cells (1C, 10B, and 10C), where target remediation levels have not been met, and any new cells receiving imported soil, if applicable. In addition, soil samples will be collected from the treatment and vadose zones in inactive cell 11B until the remediation target concentration for TPH (100 mg/kg) is achieved. Tilling will continue in cells 1C, 10B, 10C, and 11B to further degrade the petroleum hydrocarbons as long as those cells are in use and until remediation target levels are achieved.

The intended purpose for the groundwater monitoring well network was to establish baseline (background) conditions in 2005 prior to initiating use of the landfarm. That purpose has long since been achieved. Concentrations of all analyzed constituents have remained stable over the past four years and WQCC standards have not been exceeded by any constituent of concern with the exception of minimal elevated chloride and TDS concentrations in MW-1, which originated prior to landfarm use. A groundwater monitoring well network for a centralized surface waste management facility is not a requirement under past Rule 711, or under current rule 19.15.36 regulations, particularly for a site where depth to groundwater is greater than 100 ft below the bottom of the treatment cells.

Should OCD concur, JHHC would like to submit a minor modification to the permit to suspend groundwater sampling until a request for facility closure is made.

JHHC will continue reporting analytical results to the OCD within 45 days after receipt of the laboratory reports.

We appreciate the opportunity to work with you on this project. Please feel free to call me at 432-638-8740 or Carolyn Haynes at 575-390-9689, if you have any questions.

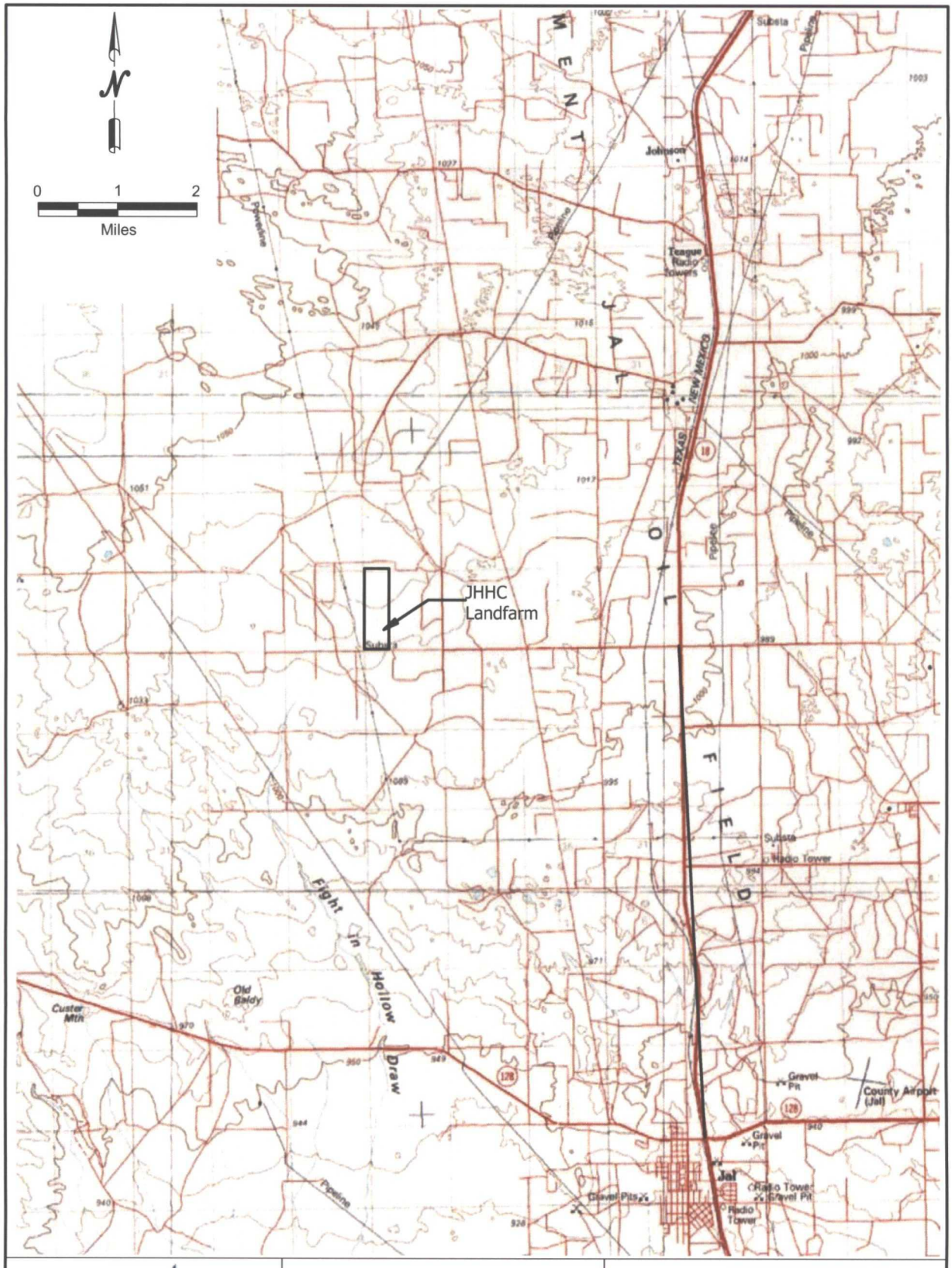
Sincerely,

Gilbert J. Van Deventer, REM, PG
Trident Environmental - Project Manager

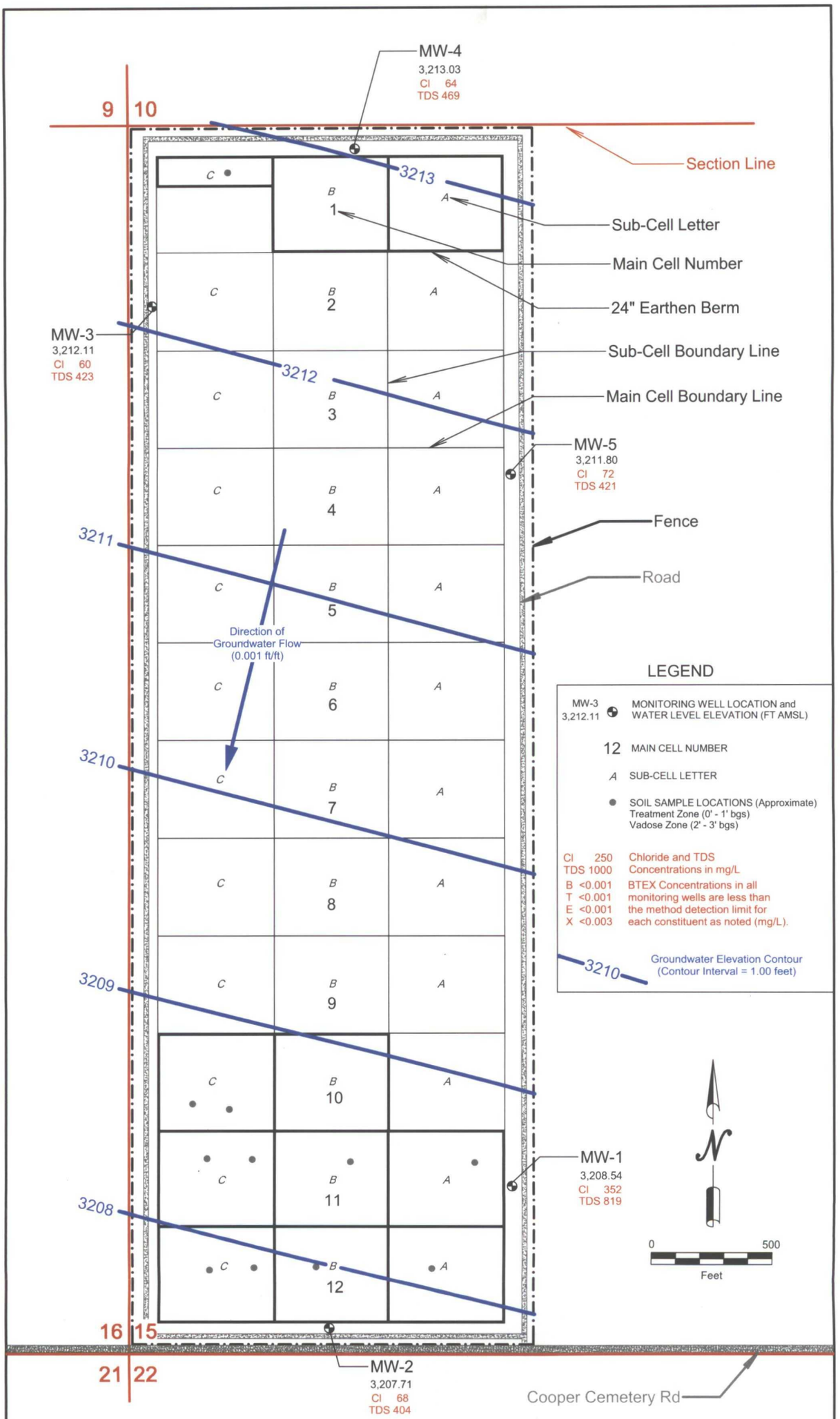
Enclosures

cc: Carolyn Haynes (JHHC)
Ron Westbrook (JHHC)
Larry Hill (OCD-District 1)

FIGURES



TRIDENT ENVIRONMENTAL	John H. Hendrix Corp. Centralized Landfarm (NM-02-021) T24S - R36E - Section 15 (W/2) Lea County, New Mexico	FIGURE 1 SITE LOCATION MAP (USGS - Jal NM 100K Quadrangle

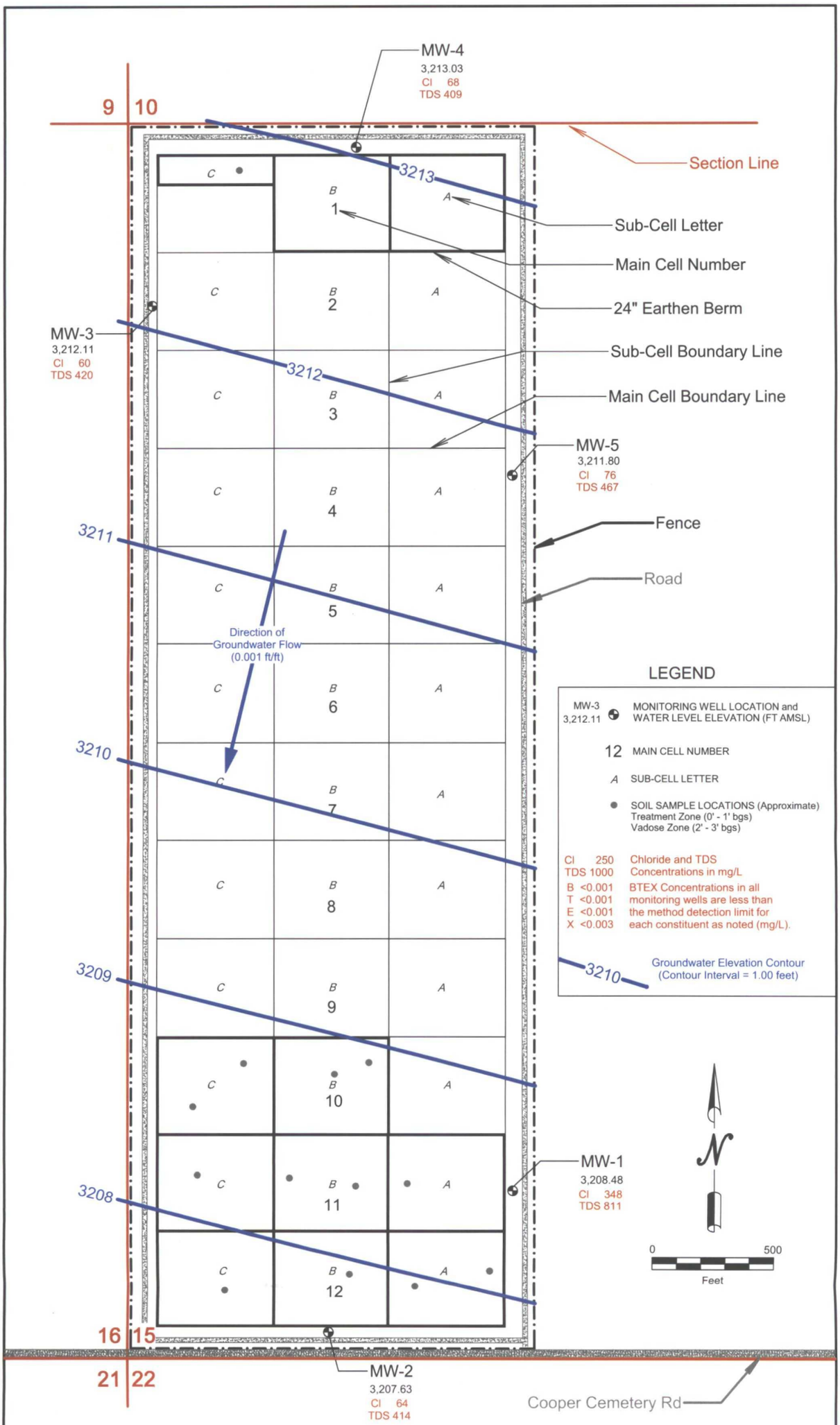


TRIDENT ENVIRONMENTAL

John H. Hendrix Corp.
Centralized Landfarm (NM-02-021)
T24S - R36E - Section 15 (W/2)
Lea County, New Mexico

FIGURE 2

SITE MAP
(March 25, 2009)



TRIDENT ENVIRONMENTAL	John H. Hendrix Corp. Centralized Landfarm (NM-02-021) T24S - R36E - Section 15 (W/2) Lea County, New Mexico	FIGURE 3 SITE MAP (October 1, 2009)

TABLES

Table 1
Summary of BTEX, TPH, and Chloride Concentrations - Soil Analytical Results

Cell No. Ltr.	Sample Date	Sample Zone	Sample ID (Depth)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	TPH C6-C28 (mg/kg)	Chloride (mg/kg)
7B	11/29/04	Background	Facility (2' -3')	<0.025	<0.1	<10	<10	<20	<20
1A	03/02/06	Background	SS-1A (2' -3')	<0.025	<0.1	<10	<10	<20	5.01
	10/24/06	Vadose	1-A-1 (3' - 4')	<0.025	<0.125	<10	<10	<10	211
	10/24/06		1-A-2 (3' - 4')	<0.025	<0.125	<10	<10	<10	38.1
	04/10/07		1A (2' -3')	<0.003	<0.016	<0.065	<2.87	<2.93	<4.92
	04/10/07		1A-1 (2' -3')	<0.003	<0.016	<0.060	<2.72	<2.78	320
	10/15/07		1A (2' -3')	<0.003	<0.018	<0.058	4.06	4.06	<5.33
	10/15/07		1A-1 (2' -3')	<0.003	<0.020	<0.063	<3.20	<3.26	<5.57
	03/20/08		1A (2' -3')	<0.003	<0.018	<0.058	<3.25	<3.31	<5.59
	03/20/08		1A-1 (2' -3')	<0.003	<0.018	<0.055	<2.92	<2.98	<5.13
	10/24/06	Treatment	1-A-1 (0' -1')	<0.025	<0.125	<10	5.69	5.69	12.1
	10/24/06		1-A-2 (0' -1')	<0.025	<0.125	<10	<10	<10	15.0
	04/10/07		1A (0' -1')	<0.003	<0.016	<0.065	<2.76	<2.82	6.2
	04/10/07		1A-1 (0' -1')	<0.003	<0.016	<0.059	<2.87	<2.93	29
	10/09/07		1A (0' -1')	<0.003	<0.016	<0.058	<3.04	<3.10	<5.11
	10/09/07		1A-1 (0' -1')	<0.003	<0.017	<0.056	3.80	3.86	6.7
	03/13/08		1A (0' -1')	<0.003	<0.018	<0.056	<1.50	<1.56	90.1
	03/13/08		1A-1 (0' -1')	<0.003	<0.017	<0.057	<1.54	<1.60	12.8
1B	04/12/07	Background	SS-1B (2' -3')	<0.003	<0.016	<0.067	<2.83	<2.90	<4.96
	10/24/06	Vadose	1-B-1 (3' -4')	<0.025	<0.125	<10	11.3	11.3	140
	10/24/06		1-B-2 (3' -4')	<0.025	<0.125	<10	6.8	6.8	18.3
	04/12/07		1B (2' -3')	<0.003	<0.016	<0.063	<2.64	<2.70	21.0
	04/12/07		1B-1 (2' -3')	<0.003	<0.017	<0.059	<2.75	<2.81	<4.98
	10/15/07		1B (2' -3')	<0.003	<0.016	<0.063	4.88	4.88	<5.34
	03/20/08		1B (2' -3')	<0.003	<0.018	<0.055	<2.92	<2.97	<5.17
	03/20/08		1B-1 (2' -3')	<0.003	<0.016	<0.059	<3.21	<3.27	<5.53
	10/24/06	Treatment	1-B-1 (0' -1')	<0.025	<0.125	<10	16.5	16.5	53.3
	10/24/06		1-B-2 (0' -1')	<0.025	<0.125	<10	9.79	9.79	87.0
	04/10/07		1B (0' -1')	<0.003	<0.016	<0.063	<2.79	<2.85	226
	04/10/07		1B-1 (0' -1')	<0.003	<0.015	<0.069	<2.83	<2.90	213
	10/09/07		1B (0' -1')	<0.003	<0.018	<0.061	5.65	5.65	74.7
	10/09/07		1B-1 (0' -1')	<0.003	<0.017	<0.055	6.53	6.53	92.0
	03/13/08		1B (0' -1')	<0.003	<0.016	<0.054	<1.44	<1.49	11.7
	03/13/08		1B-1 (0' -1')	<0.003	<0.017	<0.057	146	146	12.9
1C	04/12/07	Background	SS-1C (0' -1')	<0.003	<0.016	<0.0625	<2.88	<2.94	<4.93
	03/25/09	Vadose	SS-1C (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		1C (2' -3')	<0.050	<0.300	<10	<10	<20	180
	03/25/09	Treatment	1C (0' -1')	<0.050	<0.300	<10	45.3	45.3	---
	10/01/09		1C (0' -1')	<0.050	<0.300	<10	213	213	16
2A	01/07/08	Background	2A (2' -3')	<0.003	<0.016	<0.061	<5.67	<5.73	<5.01
2B	01/07/08	Background	2B (2' -3')	<0.003	<0.019	<0.071	<6.83	<6.90	<5.95
2C	01/07/08	Background	2C (2' -3')	<0.003	<0.018	<0.066	<6.20	<6.27	<5.43

Table 1
Summary of BTEX, TPH, and Chloride Concentrations - Soil Analytical Results

Cell No. Ltr.	Sample Date	Sample Zone	Sample ID (Depth)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	TPH C6-C28 (mg/kg)	Chloride (mg/kg)
10A	01/07/08	Background	10A (2' -3')	<0.003	<0.017	<0.061	<6.25	<6.31	<5.24
10B	01/07/08	Background	10B (2' -3')	<0.005	<0.046	<0.19	<6.2	<6.2	<5.21
	10/01/09	Vadose	10B (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	10/01/09		10B-1 (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	10/01/09	Treatment	10B (0' -1')	<0.050	<0.300	<50	11,000	11,000	400
	10/01/09		10B-1 (0' -1')	<0.050	<0.300	<50	11,100	11,100	448
10C	01/07/08	Background	10C (2' -3')	<0.005	<0.045	<0.19	<10	<10	<5.13
	10/07/08	Vadose	10C (2' -3')	<0.001	<0.008	<16.5	<16.5	<33	---
	03/25/09		10C (2' -3')	<0.050	<0.300	<10	<10	<20	---
	03/25/09		10C-1 (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		10C (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	10/01/09		10C-1 (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	10/07/08	Treatment	10C (0' -1')	<0.001	<0.007	<75.7	1,290	1,290	---
	03/25/09		10C (0' -1')	<0.050	<0.300	<10	2,340	2,340	---
	03/25/09		10C-1 (0' -1')	<0.050	<0.300	<10	152	152	---
	10/01/09		10C (0' -1')	<0.050	<0.300	<10	454	454	<16
	10/01/09		10C-1 (0' -1')	<0.050	<0.300	<10	3,640	3,640	<16
11A	01/07/08	Background	11A (2' -3')	<0.005	<0.048	<0.19	<10	<10	<5.14
	10/06/08	Vadose	11A (2' -3')	<0.001	<0.007	<15.7	<15.7	<31.4	<5.00
	03/25/09		11A (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		11A (2' -3')	<0.050	<0.300	<10	<10	<20	60
	10/06/08	Treatment	11A (0' -1')	<0.001	<0.007	<15.5	621	621	<5.00
	03/25/09		11A (0' -1')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		11A (0' -1')	<0.050	<0.300	<10	27.0	27.0	<16
11B	01/07/08	Background	11B (2' -3')	<0.005	<0.051	<0.19	<10	<10	<5.13
	03/20/08	Vadose	11B (2' -3')	<0.003	<0.017	<0.060	<3.18	<3.24	<5.39
	03/20/08		11B-1 (2' -3')	<0.003	<0.019	<0.061	<3.11	<3.17	<5.35
	10/06/08		11B (2' -3')	<0.001	<0.007	<15.6	<15.6	<31.2	52.1
	10/06/08		11B-1 (2' -3')	<0.001	<0.008	<16.2	<16.2	<32.4	473
	03/25/09		11B (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		11B (2' -3')	<0.050	<0.300	<10	<10	<20	40
	10/01/09		11B-1 (2' -3')	<0.050	<0.300	<10	<10	<20	260
	03/13/08	Treatment	11B (0' -1')	<0.001	<0.007	2.78	5910	5913	931
	03/13/08		11B-1 (0' -1')	<0.001	<0.007	2.91	6170	6173	1170
	10/06/08		11B (0' -1')	<0.003	0.0533	<15.5	2230	2230	495
	10/06/08		11B-1 (0' -1')	<0.003	0.066	<15.6	1080	1080	451
	03/25/09		11B (0' -1')	<0.050	<0.300	<10	298	298	---
	10/01/09		11B (0' -1')	<0.050	<0.300	<10	38.1	38.1	<16
	10/01/09		11B-1 (0' -1')	<0.050	0.286	<10	1,140	1,140	160

Table 1
Summary of BTEX, TPH, and Chloride Concentrations - Soil Analytical Results

Cell No. Ltr.	Sample Date	Sample Zone	Sample ID (Depth)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	TPH C6-C28 (mg/kg)	Chloride (mg/kg)
11C	10/15/07	Background	11C (2' -3')	<0.005	<0.045	<0.19	<10	<10	<5.13
	10/15/07	Vadose	11C (2' -3')	<0.003	<0.018	<0.059	4.49	4.49	<5.47
	03/20/08		11C (2' -3')	<0.003	<0.021	<0.069	<3.44	<3.51	<6.05
	03/20/08		11C-1 (2' -3')	<0.003	<0.019	<0.066	<3.28	<3.35	<5.65
	10/06/08		11C (2' -3')	<0.001	<0.008	<16.3	<16.3	<32.6	<10.0
	03/25/09		11C (2' -3')	<0.050	<0.300	<10	<10	<20	---
	03/25/09		11C-1 (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		11C (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	03/13/08	Treatment	11C (0' -1')	<0.003	<0.016	0.081	635	635	42.9
	03/13/08		11C-1 (0' -1')	<0.003	<0.017	<0.054	1300	1300	30.1
	10/06/08		11C (0' -1')	<0.001	<0.008	<15.8	519	519	<10.0
	03/25/09		11C (0' -1')	<0.050	<0.300	<10	34.3	34.3	---
	03/25/09		11C-1 (0' -1')	<0.050	<0.300	<10	78.1	78.1	---
	10/01/09		11C (0' -1')	<0.050	<0.300	<10	15.4	15.4	<16
12A	03/02/06	Background	12A (2' -3')	<0.025	<0.1	<10	<10	<20	8.86
	03/20/08	Vadose	12A (2' -3')	<0.003	<0.018	<0.057	<3.07	<3.13	<5.40
	10/06/08		12A (2' -3')	<0.001	<0.008	<16.0	<16.0	<32.0	<10.0
	03/25/09		12A (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		12A (2' -3')	<0.050	<0.300	<10	<10	<20	60
	10/01/09		12A-1 (2' -3')	<0.050	<0.300	<10	<10	<20	60
	03/20/08	Treatment	12A (0' -1')	<0.003	<0.019	<0.066	518	518	<5.72
	10/06/08		12A (0' -1')	<0.001	<0.008	<15.7	198	198	<5.00
	03/25/09		12A (0' -1')	<0.050	<0.300	<10	118	118	---
	10/01/09		12A (0' -1')	<0.050	<0.300	<10	37.2	37.2	<16
	10/01/09		12A-1 (0' -1')	<0.050	<0.300	<10	21.4	21.4	<16
12B	04/12/07	Background	12B (2' -3')	<0.004	<0.044	<0.18	<10	<10	<4.88
	03/02/06	Vadose	SS-B (2' -3')	<0.025	<0.1	<10	<10	<20	4.98
	03/02/06		SS-E (2' -3')	<0.025	<0.125	<10	<10	<20	15.2
	10/25/06		12B-1 (3' - 4')	<0.025	<0.125	<10	<10	<10	60
	10/25/06		12B-2 (3' - 4')	<0.025	<0.125	<10	<10	<10	151
	04/12/07		12B (2' -3')	<0.003	<0.017	<0.061	<2.81	<2.81	21.2
	10/16/07		12B (2' -3')	<0.003	<0.018	<0.065	5.46	5.53	<5.65
	03/20/08		12B (2' -3')	<0.003	<0.019	<0.058	<3.26	<3.32	171
	10/06/08		12B (2' -3')	<0.001	<0.008	<16.0	<16.0	<32.0	30.7
	03/25/09		12B (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		12B (2' -3')	<0.050	<0.300	<10	<10	<20	60
	03/02/06	Treatment	SS-B (0' -1')	<0.025	<0.1	<10	707	707	---
	03/02/06		SS-E (0' -1')	<0.025	<0.1	<10	79.1	79.1	---
	10/25/06		12B-1 (0' -1')	<0.025	<0.125	<10	397	397	151
	10/25/06		12B-2 (0' -1')	<0.025	<0.125	<10	98.1	98.1	18.0
	04/12/07		12B (0' -1')	<0.003	<0.016	<0.061	285	285	23.6
	10/09/07		12B (0' -1')	<0.003	<0.017	<0.055	886	886	6.54
	03/13/08		12B (0' -1')	<0.003	<0.020	<0.068	569	569	36.6
	10/06/08		12B (0' -1')	<0.001	<0.008	<15.8	243	243	<5.00
	03/25/09		12B (0' -1')	<0.050	<0.300	<10	67.8	67.8	---
	10/01/09		12B (0' -1')	<0.050	<0.300	<10	<10	<20	<16

Table 1
Summary of BTEX, TPH, and Chloride Concentrations - Soil Analytical Results

Cell No. Ltr.	Sample Date	Sample Zone	Sample ID (Depth)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	TPH C6-C28 (mg/kg)	Chloride (mg/kg)
12C	04/17/07	Background	12C (2' -3')	<0.003	<0.017	<0.053	<2.90	<2.90	<4.97
	03/02/06	Vadose	SS-C (2' -3')	<0.025	<0.1	<10	<10	<20	42.8
	03/02/06		SS-D (2' -3')	<0.025	<0.125	<10	<10	<20	4.92
	10/25/06		12C-1 (3' - 4')	<0.025	<0.125	<10	<10	<10	15.0
	10/25/06		12C-2 (3' - 4')	<0.025	<0.125	<10	<10	<10	27.6
	04/12/07		12C (2' -3')	<0.003	<0.018	<0.056	<2.73	<2.79	<4.56
	04/12/07		12C-1 (2' -3')	<0.003	<0.017	<0.062	10.1	10.1	<4.98
	10/16/07		12C (2' -3')	<0.003	<0.018	<0.055	<2.68	<2.73	<5.57
	03/20/08		12C (2' -3')	<0.003	<0.017	<0.060	<3.08	<3.14	<5.22
	03/20/08		12C-1 (2' -3')	<0.003	<0.018	<0.057	<3.25	<3.31	<5.42
	10/06/08		12C (2' -3')	<0.001	<0.008	<15.7	16.6	16.6	<5.00
	10/06/08		12C-1 (2' -3')	<0.001	<0.008	<15.9	67.1	67.1	<5.00
	03/25/09		12C (2' -3')	<0.050	<0.300	<10	<10	<20	---
	03/25/09		12C-1 (2' -3')	<0.050	<0.300	<10	<10	<20	---
	10/01/09		12C (2' -3')	<0.050	<0.300	<10	<10	<20	<80
	04/10/07	Treatment	12C (0' -1')	<0.003	<0.016	<0.063	175	175	<4.99
	04/10/07		12C-1 (0' -1')	<0.003	<0.016	<0.061	218	218	<4.90
	10/09/07		12C (0' -1')	<0.003	<0.017	<0.053	3.80	3.80	<5.00
	10/09/07		12C-1 (0' -1')	<0.003	<0.018	<0.060	9.95	9.95	<5.07
	03/13/08		12C (0' -1')	<0.003	<0.019	<0.069	236	236	<5.67
	03/13/08		12C-1 (0' -1')	<0.003	<0.018	<0.057	681	681	<5.22
	10/06/08		12C (0' -1')	<0.001	<0.007	<15.4	729	729	<5.00
	10/06/08		12C-1 (0' -1')	<0.001	<0.007	<15.3	36.7	36.7	<5.00
	03/25/09		12C (0' -1')	<0.050	<0.300	<10	<10	<20	---
	03/25/09		12C-1 (0' -1')	<0.050	<0.300	<10	66.6	66.6	---
	10/01/09		12C (0' -1')	<0.050	<0.300	<10	26.4	26.4	<16

Table 2
Summary of Metal Concentrations - Soil Analytical Results

Cell No.	Sample Date	Sample Zone	Sample ID (Depth in Ft)	Metals (mg/kg)							
				As	Ag	Ba	Cd	Cr	Pb	Hg	Se
7B	11/29/04	Background	Facility (2' -3')	3.65	<0.25	507	0.341	3.01	0.5	<0.25	<0.2
1A	04/12/07	Background	SS-1A (2' -3')	3.23	<0.094	55.4	0.196	13.4	6.84	<0.016	1.70
	10/24/06	Vadose	1-A-1 (3' -4')	1.79	0.543	22.0	<0.173	6.83	3.56	0.013	<0.751
	10/24/06		1-A-2 (3' -4')	1.09	0.435	13.7	<0.173	4.86	2.54	0.012	<0.751
	04/10/07		1A (2' -3')	2.99	<0.089	49.4	0.231	12.4	5.70	<0.014	1.43
	04/12/07		1A-1 (2' -3')	1.79	<0.099	27.0	<0.099	7.22	3.51	<0.015	0.987
	10/15/07		1A (2' -3')	1.27	<0.094	18.2	<0.094	5.68	2.80	<0.015	0.491
	10/15/07		1A-1 (2' -3')	2.82	<0.088	46.8	<0.107	11.5	6.09	<0.015	0.871
	03/20/08		1A (2' -3')	4.18	<0.112	53.5	0.258	14.1	7.64	<0.083	1.55
	03/20/08		1A-1 (2' -3')	1.61	<0.097	25.3	<0.097	6.83	3.57	<0.076	1.01
1B	04/12/07	Background	SS-1B (2' -3')	3.05	<0.086	48.4	0.178	12.5	6.30	<0.014	1.46
	10/24/06	Vadose	1-B-1 (3' -4')	2.31	0.210	35.8	<0.173	10.2	5.25	0.009	<0.751
	10/24/06		1-B-2 (3' -4')	0.981	0.099	21.1	<0.173	5.80	3.02	0.007	<0.751
	04/10/07		1B (2' -3')	2.14	<0.087	31.8	0.134	8.30	4.36	<0.015	1.12
	04/12/07		1B-1 (2' -3')	1.73	<0.094	29.3	0.103	7.46	3.75	<0.015	0.950
	10/15/07		1B (2' -3')	1.97	<0.095	39.2	0.101	8.34	4.57	<0.015	0.843
	03/20/08		1B (2' -3')	1.38	<0.094	25.6	0.115	5.90	3.44	<0.015	0.798
	03/20/08		1B-1 (2' -3')	1.88	<0.105	31.3	0.127	7.49	4.01	<0.018	0.889
1C	04/12/07	Background	SS-1C (2' -3')	2.24	<0.175	46.8	0.142	9.14	5.13	<0.04	1.35
	10/01/09	Vadose	1C (2' -3')	<10	<1.0	68.6	<1.0	11.3	<5.0	<0.1	<20
2A	01/07/08	Background	2A (2' -3')	0.839	<0.092	15.4	<0.092	3.8	2.39	<0.016	0.589
2B	01/07/08	Background	2B (2' -3')	1.72	<0.109	26.0	<0.109	5.89	3.67	<0.018	0.990
2C	01/07/08	Background	2C (2' -3')	2.84	<0.100	51.4	0.130	9.6	5.77	<0.016	1.49
10A	01/07/08	Background	10A (2' -3')	1.63	<0.100	34.1	<0.100	6.6	4.09	<0.015	1.19
10B	01/07/08	Background	10B (2' -3')	1.24	<0.2	23.0	<0.3	5.24	3.05	<0.04	1.01
	10/01/09	Vadose	10B (2' -3')	<10	<1.0	21.8	<1.0	4.9	<5.0	<0.1	<20
	10/01/09		10B-1 (2' -3')	<10	<1.0	22.2	<1.0	5.2	<5.0	<0.1	<20
10C	01/07/08	Background	10C (2' -3')	1.43	<0.2	23.5	<0.3	5.31	3.36	<0.04	1.08
	10/07/08	Vadose	10-C (2' -3')	<5.00	<2.00	12.9	<2.50	12.70	<6.00	0.019	<5.00
	10/01/09		10C (2' -3')	<10	<1.0	26.2	<1.0	6.4	<5.0	<0.1	<20
	10/01/09		10C-1 (2' -3')	<10	<1.0	32.4	<1.0	9.1	<5.0	<0.1	<20
11A	01/07/08	Background	11A (2' -3')	1.53	<0.2	27.1	<0.3	5.93	3.46	<0.04	0.938
	10/06/08	Vadose	11A (2' -3')	<5.00	14.8	112	<2.50	14.9	<6.00	<0.013	<5.00
	10/01/09		11A (2' -3')	<10	<1.0	40.9	<1.0	10.2	<5.0	<0.1	<20
11B	01/07/08	Background	11B (2' -3')	1.23	<0.2	21.8	<0.3	4.98	3.53	<0.04	0.735
	03/20/08	Vadose	11B (2' -3')	2.52	<0.099	47.6	0.168	9.58	5.31	<0.015	1.25
	03/20/08		11B-1 (2' -3')	2.21	<0.100	37.2	0.152	8.91	5.04	<0.017	1.26
	10/06/08		11B (2' -3')	5.75	4.65	18.1	<2.50	12.9	14.9	<0.013	<5.00
	10/06/08		11B-1 (2' -3')	<5.00	<2.00	25.0	<2.50	15.8	<6.00	<0.013	<5.00
	10/01/09		11B (2' -3')	<10	<1.0	48.5	<1.0	10.2	<5.0	<0.1	<20
	10/01/09		11B-1 (2' -3')	<10	<1.0	29.2	<1.0	7.6	<5.0	<0.1	<20
11C	10/15/07	Background	SS-11C (2' -3')	2.67	<0.2	300	0.113	5.47	2.62	<0.04	0.490
	10/15/07	Vadose	11C (2' -3')	2.05	<0.095	50	<0.095	8.49	4.26	<0.015	0.766
	03/20/08		11C-1 (2' -3')	3.01	<0.099	57.7	0.206	11.7	6.19	<0.016	1.16
	03/20/08		11C (2' -3')	2.13	<0.104	231	0.132	1.94	1.09	<0.016	0.367
	10/06/08		11C (2' -3')	8.95	<2.00	25.4	<2.50	19.7	13.8	<0.014	<5.00
	10/01/09		11C (2' -3')	<10	<1.0	25.2	<1.0	5.7	<5.0	<0.1	<20

Table 2
Summary of Metal Concentrations - Soil Analytical Results

Cell No.	Sample Date	Sample Zone	Sample ID (Depth in Ft)	Metals (mg/kg)							
				As	Ag	Ba	Cd	Cr	Pb	Hg	Se
12A	04/12/07	Background	SS-12A (2' -3')	2.90	<0.2	50.8	0.176	11.4	5.61	<0.04	1.40
	04/12/07	Vadose	12A (2' -3')	2.13	<0.98	191	0.130	2.85	1.42	<0.015	0.489
	10/16/07		12A (2' -3')	2.08	<0.108	38.7	<0.108	8.81	4.41	<0.016	0.654
	10/16/07		12A-1 (2' -3')	2.14	<0.100	39.4	<0.100	8.56	4.54	<0.017	0.806
	03/20/08		12A (2' -3')	2.51	<0.102	45.0	0.172	9.80	5.35	<0.015	1.21
	10/06/08		12A (2' -3')	<5.00	10.7	27.6	<2.50	18.7	<6.00	<0.015	<5.00
	10/01/09		12A (2' -3')	<10	<1.0	66.7	<1.0	12.2	<5.0	<0.1	<20
	10/01/09		12A-1 (2' -3')	<10	<1.0	35.7	<1.0	8.5	<5.0	<0.1	<20
12B	01/07/08	Background	SS-12B (2' -3')	2.58	<0.2	236	0.202	5.76	3.08	<0.04	1.07
	03/02/06	Vadose	SS-B (2' -3')	0.89	0.778	19.8	<0.148	5.21	2.34	0.008	<1.29
	03/02/06		SS-C (2' -3')	1.29	<0.377	25.8	<0.148	6.85	2.79	0.017	<1.29
	10/25/06		12B-1 (3' -4')	2.08	0.189	259	<0.346	1.10	0.405	0.010	<1.50
	10/25/06		12B-2 (3' -4')	<0.852	0.208	157	<0.346	<0.488	1.05	0.008	<1.50
	04/12/07		12B (2' -3')	1.98	<0.050	112	0.141	4.92	2.57	<0.008	0.939
	10/16/07		12B (2' -3')	2.19	0.103	175	0.125	7.58	3.51	<0.016	0.690
	03/20/08		12B (2' -3')	2.70	<0.093	59.0	0.188	10.5	6.12	<0.016	1.340
	10/06/08		12B (2' -3')	<5.00	<2.00	24.9	<2.50	21.4	8.25	<0.013	<5.00
	10/01/09		12B (2' -3')	<10	<1.0	37.7	<1.0	7.1	<5.0	<0.1	<20
12C	04/12/07	Background	SS-12C (2' -3')	1.89	<0.2	62.6	0.152	6.43	3.60	<0.04	1.34
	03/02/06	Vadose	SS-D (2' -3')	1.30	0.092	27.2	<0.148	7.21	3.00	0.021	<1.29
	03/02/06		SS-E (2' -3')	1.05	<0.377	26.4	<0.148	6.90	2.95	0.012	<1.29
	10/25/06		12C-1 (3' -4')	3.34	3.92	834	<0.346	2.20	1.21	0.006	<1.50
	10/25/06		12C-2 (3' -4')	3.57	0.332	833	<0.346	2.06	0.837	0.007	<1.50
	04/17/07		12C (2' -3')	2.04	<0.099	33.8	0.180	7.93	4.47	<0.015	1.72
	04/17/07		12C-1 (2' -3')	2.34	<0.099	38.5	0.205	8.98	4.74	<0.014	1.61
	10/16/07		12C (2' -3')	1.87	<0.099	86.4	0.101	6.77	3.28	<0.016	0.634
	03/20/08		12C (2' -3')	1.39	<0.105	36.6	<0.105	6.06	3.32	<0.016	0.83
	03/20/08		12C-1 (2' -3')	1.88	<0.099	102	0.154	5.84	3.26	<0.016	0.74
	10/06/08		12C (2' -3')	<5.00	<2.00	21.8	<2.50	7.25	<6.00	<0.013	<5.00
	10/06/08		12C-1 (2' -3')	9.95	17.5	24.9	<2.50	15.7	9.20	<0.013	<5.00
	10/01/09		12C (2' -3')	<10	<1.0	44.4	<1.0	5.1	<5.0	<0.1	<20

Table 3
Summary of Major Ion Concentrations - Soil Analytical Results

Cell No.	Sample Date	Sample Zone	Sample ID (Depth)	Cations (mg/kg)					Anions (mg/kg)		
				T-Alk	Ca	Mg	K	Na	Cl	SO_4	HCO_3
7B	11/29/04	Background	Facility (2' -3')	1,340	220,000	2,240	274	2,060	<20	<2.5	---
1A	04/12/07	Background	SS-1A (2' -3')	76.1	1,650	2,300	2,980	30.5	<4.98	<9.96	---
	10/24/06	Vadose	1-A-1 (3' -4')	50	135	29.8	6.12	11.3	211	17.1	---
	10/24/06		1-A-2 (3' -4')	160	66.1	59.2	119	8.05	38.1	30.8	---
	04/10/07		1A (2' -3')	72.5	2,070	2,200	2,690	163	<4.92	42.4	---
	04/12/07		1A-1 (2' -3')	165	2,200	1,250	1,270	256	320	51.3	---
	10/15/07		1A (2' -3')	237	593	617	937	120	<5.33	<10.7	<53.7
	10/15/07		1A-1 (2' -3')	119	1,170	1,840	2,380	106	<5.57	153	<55.5
	03/20/08		1A (2' -3')	170	1,430	2,120	3,670	212	<5.59	<11.2	<56.9
	03/20/08		1A-1 (2' -3')	74.9	530	789	1,140	132	<5.13	27.3	<52.4
1B	04/12/07	Background	SS-1B (2' -3')	89.1	1,570	2,140	2,950	30.2	<4.96	<9.92	---
	10/24/06	Vadose	1-B-1 (3' -4')	80	72.9	16.9	3.57	3.75	140	16.8	---
	10/24/06		1-B-2 (3' -4')	60	59.7	102	171	5.88	18.3	16.5	---
	04/10/07		1B (2' -3')	140	1,160	1,270	1,720	36.6	21.0	26.5	---
	04/12/07		1B-1 (2' -3')	122	1,500	784	1,220	19.6	<4.98	<9.96	---
	10/15/07		1B (2' -3')	57	824	1,120	1,660	17.0	<5.34	13.7	<53.1
	03/20/08		1B (2' -3')	55.4	552	612	1,080	58	<5.17	13.7	<52.8
	03/20/08		1B-1 (2' -3')	85.8	581	913	1,520	212	<5.53	11.5	<55.7
1C	04/12/07	Background	SS-1C (2' -3')	166	2,290	1,720	1,740	19.2	<4.93	<9.86	<49.8
	10/01/09	Vadose	1C (2' -3')	40	96.2	24.3	19.2	<5	180	<50	48.8
2A	01/07/08	Background	2A (2' -3')	70.0	486	389	643	<11.5	<5.01	10.1	<50.4
2B	01/07/08	Background	2B (2' -3')	<58.9	562	6,536	1,090	<13.6	<5.95	<11.9	<58.9
2C	01/07/08	Background	2C (2' -3')	63.0	1,080	1,460	2,110	16.0	<5.43	<10.9	<54.8
10A	01/07/08	Background	10A (2' -3')	53.9	827	932	1380	<12.5	<5.24	<140.5	<52.4
10B	01/07/08	Background	10B (2' -3')	<52.1	533	602	968	<12.5	<5.21	<10.4	<52.1
	10/01/09	Vadose	10B (2' -3')	24	40.1	24.3	17.3	<5	<80	129	29.3
	10/01/09		10B-1 (2' -3')	44	60.1	24.3	20.8	<5	<80	<125	53.7
10C	01/07/08	Background	10C (2' -3')	<51.0	513	554	898	<12.6	<5.13	<10.3	<51.0
	10/07/08	Vadose	10-C (2' -3')	600	322	440	839	16.9	60.4	31.0	---
	10/01/09		10C (2' -3')	112	60.1	24.3	7.7	<5	<80	<125	137
	10/01/09		10C-1 (2' -3')	250	64.1	19.4	6.5	20	<80	<50	305
11A	01/07/08	Background	11A (2' -3')	56.0	642	658	1,030	<12.7	<5.17	<10.3	56.0
	10/06/08	Vadose	11A (2' -3')	60.0	129	197	350	3.13	<5.00	<5.00	---
	10/01/09		11A (2' -3')	140	64.1	14.6	15.6	122	60	270	171
11B	01/07/08	Background	11B (2' -3')	<51.6	482	494	809	<12.6	<5.14	<10.3	<51.6
	03/20/08	Vadose	11B (2' -3')	152	1,380	1,390	1,940	<12.1	<5.39	<10.8	<54.1
	03/20/08		11B-1 (2' -3')	67.8	1,090	1,300	1,630	<12.5	<5.35	<10.7	<53.4
	10/06/08		11B (2' -3')	800	56.2	43.8	79.9	12.7	52.1	24.3	---
	10/06/08		11B-1 (2' -3')	80.0	185	27.3	22.6	62.0	473	121	---
	10/01/09		11B (2' -3')	200	60.1	24.3	13.8	<5	40	<125	244
	10/01/09		11B-1 (2' -3')	60	96.2	24.3	15.3	55	260	51.3	73.5
11C	10/15/07	Background	SS-11C (2' -3')	318	170,000	2,160	1,090	73	<5.64	41.4	<56.6
	10/15/07	Vadose	11C (2' -3')	363	12,400	1,200	1,520	24.8	<5.47	25.5	<54.7
	03/20/08		11C (2' -3')	1,430	283,000	1,510	376	52.4	<6.05	30.8	<61.0
	03/20/08		11C-1 (2' -3')	82.4	1,390	1,600	3,030	12.9	<5.65	<11.3	<56.8
	10/06/08		11C (2' -3')	280	428	31.6	32.0	1.54	<10.0	30.3	---
	10/01/09		11C (2' -3')	36	60.1	48.6	57.0	<5	<80	<125	43.9

Table 3
Summary of Major Ion Concentrations - Soil Analytical Results

Cell No.	Sample Date	Sample Zone	Sample ID (Depth)	Cations (mg/kg)					Anions (mg/kg)		
				T-Alk	Ca	Mg	K	Na	Cl	SO_4	HCO_3
12A	04/12/07	Background	SS-12A (2' -3')	163	1,980	2,030	2,210	23	<4.97	<9.94	<50
	04/12/07	Vadose	12A (2' -3')	884	314,000	2560	629	89.7	<4.97	<9.94	---
	10/16/07		12A (2' -3')	94	1,030	1,300	1,810	18.2	<5.38	<10.8	<54.0
	10/16/07		12A-1 (2' -3')	124	898	1,120	1,700	45.3	<5.29	13.30	<53.9
	03/20/08		12A (2' -3')	59.8	1,130	1,410	2,170	40.60	<5.40	127	<53.9
	10/06/08		12A (2' -3')	450	39.7	32.0	38.0	7.52	<10.0	69.0	---
	10/01/09		12A (2' -3')	28	120	97.2	22.5	<5	<80	<250	34.2
	10/01/09		12A-1 (2' -3')	32	120	48.6	35.4	<5	<80	<125	39.0
12B	01/07/08	Background	SS-12B (2' -3')	700	256,000	3,330	1,320	91	<4.88	23	<49.8
	03/02/06	Vadose	SS-B (2' -3')	112	949	164	186	857	4.98	<0.5	---
	03/02/06		SS-C (2' -3')	112	1,290	210	219	996	42.8	23.3	---
	10/25/06		12B-1 (3' -4')	290	78.7	6.53	2.10	3.13	60.0	59.7	---
	10/25/06		12B-2 (3' -4')	410	154	12.3	3.11	7.68	151	36.4	---
	04/12/07		12B (2' -3')	914	120,000	1,860	1,080	63.0	21.2	46.8	---
	10/16/07		12B (2' -3')	452	125,000	1,760	1,570	67.7	<5.65	49.9	<57.4
	03/20/08		12B (2' -3')	<54.7	1,510	1,620	2,160	61.4	171	19.2	<54.7
	10/06/08		12B (2' -3')	800	165	238	401	38.8	30.7	7.13	---
	10/01/09		12B (2' -3')	40	80.2	36.4	<5	<5	<80	<125	32.0
12C	04/12/07	Background	SS-12C (2' -3')	506	53,400	1,170	1,280	29.9	<4.97	<9.94	<49.8
	03/02/06	Vadose	SS-D (2' -3')	112	1,250	204	186	844	4.92	12.2	---
	03/02/06		SS-E (2' -3')	112	1,410	187	173	697	15.2	16.7	---
	10/25/06		12C-1 (3' -4')	1,900	126	7.75	1.92	2.97	15.0	81.9	---
	10/25/06		12C-2 (3' -4')	670	105	8.53	1.00	3.17	27.6	58.5	---
	04/17/07		12C (2' -3')	118	1,060	1,200	1,590	35.5	<4.96	<9.92	---
	04/17/07		12C-1 (2' -3')	127	1,460	1,540	1,700	22.4	<4.98	<9.95	---
	10/16/07		12C (2' -3')	2,110	78,100	1,310	1,400	72.8	<5.57	33.5	<56.3
	03/20/08		12C (2' -3')	311	12,500	798	1,150	19.6	<5.22	20.3	<52.5
	03/20/08		12C-1 (2' -3')	900	76.1	113	196	16.3	<5.00	8.77	<55.6
	10/06/08		12C (2' -3')	477	23,000	1,590	1,200	47.0	<5.42	<10.8	---
	10/06/08		12C-1 (2' -3')	900	200	71.5	98.3	3.85	<5.00	<5.00	---
	10/01/09		12C (2' -3')	112	128	43.7	5.7	<5	<80	<50	104

Table 4
Summary of Groundwater Elevations and BTEX, Chloride and TDS Concentrations

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylene (mg/L)
MW-1	08/30/05	148.48	3,208.81	511	1,970	< 0.001	< 0.001	< 0.001	< 0.005
	04/26/06	148.61	3,208.68	342	1,030	< 0.001	< 0.001	< 0.001	< 0.005
	08/08/06	148.65	3,208.64	349	1,220	< 0.001	< 0.001	< 0.001	< 0.002
	04/11/07	148.70	3,208.59	393	1,020	< 0.001	< 0.002	< 0.002	< 0.003
	10/24/07	148.75	3,208.54	376	935	< 0.001	< 0.002	< 0.002	< 0.003
	05/28/08	148.81	3,208.48	363	1,020	< 0.001	< 0.002	< 0.002	< 0.003
	10/08/08	148.95	3,208.34	53.6	1,150	< 0.001	< 0.002	< 0.001	< 0.003
	03/25/09	148.75	3,208.54	352	819	< 0.001	< 0.001	< 0.001	< 0.003
	10/01/09	148.81	3,208.48	348	811	< 0.001	< 0.001	< 0.001	< 0.003
MW-2	08/30/05	148.55	3,207.91	360	1,610	< 0.001	< 0.001	< 0.001	< 0.005
	04/26/06	148.66	3,207.80	109	408	< 0.001	< 0.001	< 0.001	< 0.005
	08/08/06	148.71	3,207.75	61.2	392	< 0.001	< 0.001	< 0.001	< 0.002
	04/11/07	148.80	3,207.66	64.8	383	< 0.001	< 0.002	< 0.002	< 0.003
	10/24/07	148.80	3,207.66	64.2	403	< 0.001	< 0.002	< 0.002	< 0.003
	05/28/08	148.86	3,207.60	65.0	423	< 0.001	< 0.002	< 0.002	< 0.003
	10/08/08	148.93	3,207.53	51.2	380	< 0.001	< 0.002	< 0.001	< 0.003
	03/25/09	148.75	3,207.71	68	404	< 0.001	< 0.001	< 0.001	< 0.003
	10/01/09	148.83	3,207.63	64	414	< 0.001	< 0.001	< 0.001	< 0.003
MW-3	08/30/05	179.33	3,212.41	508	2,390	< 0.001	< 0.001	< 0.001	< 0.005
	04/26/06	179.59	3,212.15	55	328	< 0.001	< 0.001	< 0.001	< 0.005
	08/08/06	179.54	3,212.20	55.5	458	< 0.001	< 0.001	< 0.001	< 0.002
	04/11/07	179.60	3,212.14	61.6	369	< 0.001	< 0.002	< 0.002	< 0.003
	10/24/07	179.70	3,212.04	64.1	402	< 0.001	< 0.002	< 0.002	< 0.003
	05/28/08	179.69	3,212.05	57.4	370	< 0.001	< 0.002	< 0.002	< 0.003
	10/08/08	179.81	3,211.93	46.7	340	< 0.001	< 0.002	< 0.001	< 0.003
	03/25/09	179.63	3,212.11	60	423	< 0.001	< 0.001	< 0.001	< 0.003
	10/01/09	179.63	3,212.11	60	420	< 0.001	< 0.001	< 0.001	< 0.003
MW-4	04/26/06	177.11	3,213.27	169	584	< 0.001	< 0.001	< 0.001	< 0.005
	08/08/06	177.10	3,213.28	61.7	402	< 0.001	< 0.001	< 0.001	< 0.002
	04/11/07	177.20	3,213.18	70.5	373	< 0.001	< 0.002	< 0.002	< 0.003
	10/24/07	177.50	3,212.88	57.7	404	< 0.001	< 0.002	< 0.002	< 0.003
	05/28/08	177.37	3,213.01	53.2	427	< 0.001	< 0.002	< 0.002	< 0.003
	10/08/08	177.45	3,212.93	49.2	338	< 0.001	< 0.002	< 0.001	< 0.003
	03/25/09	177.35	3,213.03	64	469	< 0.001	< 0.001	< 0.001	< 0.003
	10/01/09	177.35	3,213.03	68	409	< 0.001	< 0.001	< 0.001	< 0.003
MW-5	04/26/06	177.28	3,212.05	438	1,770	< 0.001	< 0.001	< 0.001	< 0.005
	08/08/06	177.32	3,212.01	122	618	< 0.001	< 0.001	< 0.001	< 0.002
	04/11/07	177.40	3,211.93	83.4	419	< 0.001	< 0.002	< 0.002	< 0.003
	10/24/07	177.50	3,211.83	81.6	515	< 0.001	< 0.002	< 0.002	< 0.003
	05/28/08	177.56	3,211.77	70.5	418	< 0.001	< 0.002	< 0.002	< 0.003
	10/08/08	177.63	3,211.70	329	344	< 0.001	< 0.002	< 0.001	< 0.003
	03/25/09	177.53	3,211.80	72	421	< 0.001	< 0.001	< 0.001	< 0.003
	10/01/09	177.53	3,211.80	76	467	< 0.001	< 0.001	< 0.001	< 0.005
WQCC Standards				250	1000	0.01	0.75	0.75	0.62

Total Dissolved Soilds (TDS), chloride, and BTEX concentrations listed in milligrams per liter (mg/L
Analyses performed by DHL Laboratories (Round Rock, TX), Xenco Laboratory (Odessa, TX), or Cardinal Laboratories (Hobbs NM)
Analytical values rounded to two or three significant figures to match precision of method detection limit
AMSL - Above Mean Sea Level; BTOC - Below Top of Casing
Elevations and state plane coordinates surveyed by Piper Surveying, Inc

Table 5
Summary of Metal and Major Ion Concentrations in Groundwater

Monitoring Well	Sample Date	WQCC Metals (mg/L)								Major Ions (mg/L)						
		As	Ag	Ba	Cd	Cr	Pb	Hg	Se	T-Alk	Ca	Mg	K	Na	Cl	SO4
MW-1	08/08/06	0.001	<0.001	0.119	<0.0007	0.0024	<0.0003	0.0002	0.0062	140	165	37.7	5.80	60.6	349	48.4
	04/11/07	0.002	<0.001	0.131	<0.0003	<0.002	<0.0003	<0.0001	0.0063	133	186	40.8	4.33	55.0	393	56.3
	10/24/07	<0.002	<0.001	0.129	<0.0003	<0.002	<0.0003	<0.0001	0.0047	128	141	35.3	3.60	46.1	376	48.2
	05/28/08	<0.002	<0.001	0.138	<0.0003	<0.002	<0.0003	<0.0001	0.0047	127	154	36.2	3.66	50.2	363	50.0
	10/08/08	0.004	<0.002	0.335	<0.001	0.013	0.018	<0.0001	0.0080	156	154	36.5	<12.5	23.3	53.6	55.5
MW-2	08/08/06	0.038	<0.001	0.075	<0.0007	0.0022	0.0003	0.0002	0.0149	172	61.2	17.6	3.10	33.2	61.2	56.2
	04/11/07	0.002	<0.001	0.089	<0.0003	<0.002	<0.0003	<0.0001	0.0074	174	74.3	17.6	2.64	30.3	64.8	57.2
	10/24/07	0.002	<0.001	0.094	<0.0003	<0.002	<0.0003	<0.0001	0.0070	169	60.7	15.7	2.40	26.4	64.2	51.9
	05/28/08	<0.002	<0.001	0.088	<0.0003	<0.002	<0.0003	<0.0001	0.0057	168	73.8	17.1	2.71	27.3	65.0	57.9
	10/07/08	0.007	<0.002	0.335	<0.001	0.013	0.026	<0.0001	0.0040	188	67.5	16.4	2.23	12.6	51.2	50.5
MW-3	08/08/06	0.001	<0.001	0.076	<0.0007	0.0027	0.0005	0.0002	0.0100	170	52.0	16.9	2.96	41.1	55.5	48.6
	04/11/07	0.003	<0.001	0.088	<0.0003	<0.002	<0.0003	<0.0001	0.0089	176	67.6	16.7	2.60	36.1	61.6	56.0
	10/24/07	0.003	<0.001	0.087	<0.0003	<0.002	<0.0003	<0.0001	0.0088	150	62.7	15.2	2.16	33.5	64.1	50.1
	05/28/08	0.002	<0.001	0.082	<0.0003	<0.002	<0.0003	<0.0001	0.0077	167	62.9	14.9	2.37	33.8	57.4	49.6
	10/07/08	0.007	<0.002	0.251	<0.001	0.011	0.012	<0.0001	0.0006	176	60.3	13.6	1.87	13.6	46.7	47.1
MW-4	08/08/06	0.002	<0.001	0.067	<0.0007	0.0032	<0.0003	0.0005	0.0093	164	62.7	13.1	2.85	41.5	61.7	54.4
	04/11/07	0.004	<0.001	0.078	<0.0003	<0.002	<0.0003	<0.0001	0.0085	162	78.9	12.1	2.50	38.0	70.5	56.0
	10/24/07	0.003	<0.001	0.070	<0.0003	<0.002	<0.0003	<0.0001	0.0080	155	67.2	11.4	2.40	37.4	70.6	57.7
	05/28/08	0.003	<0.001	0.085	<0.0003	<0.002	<0.0003	<0.0001	0.0062	159	66.0	8.93	2.22	35.5	64.8	53.2
	10/07/08	0.006	<0.002	0.331	<0.001	0.012	0.004	<0.0001	0.0040	180	61.6	10.3	1.86	14.5	52.0	49.2
MW-5	08/08/06	0.015	<0.001	0.043	<0.0007	0.0027	<0.0003	0.0002	0.0107	170	82.9	19.0	3.95	87.2	122	163
	04/11/07	0.004	<0.001	0.063	<0.0003	<0.002	<0.0003	<0.0001	0.0110	170	78.4	18.2	3.37	44.4	83.4	84.2
	10/24/07	0.003	<0.001	0.067	<0.0003	<0.002	<0.0003	<0.0001	0.0095	157	68.5	15.5	2.83	35.2	81.6	71.0
	05/28/08	0.003	<0.001	0.061	<0.0003	0.002	<0.0003	<0.0001	0.0100	154	63.8	13.9	2.45	28.4	70.5	63.3
	10/07/08	<0.002	<0.002	0.077	<0.001	<0.003	<0.002	<0.0001	0.0130	172	65.3	14.3	<12.5	<12.5	329	39.1
WQCC Standards		0.1	0.05	1.0	0.01	0.05	0.05	0.002	0.05						250	600

APPENDIX A

Record of Transport of Soil to JHHC Landfarm

Record of Transport of Soil to JHHC Landfarm (First Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
01/05/09	3560	Britt B 18 #3C	15	CW's Backhoe Ser.	10C
01/05/09	3561	Britt B 18 #3C	15	CW's Backhoe Ser.	10C
01/12/09	3562	Brunson C	15	CW's Backhoe Ser.	10C
01/12/09	3563	Brunson C	15	CW's Backhoe Ser.	10C
01/12/09	3564	Brunson C	15	CW's Backhoe Ser.	10C
01/12/09	3565	Brunson C	15	CW's Backhoe Ser.	10C
01/13/09	3566	Brunson C	15	CW's Backhoe Ser.	10C
01/13/09	3567	Brunson C	15	CW's Backhoe Ser.	10C
01/13/09	3568	Brunson C	15	CW's Backhoe Ser.	10C
01/13/09	3569	Brunson C	15	CW's Backhoe Ser.	10C
01/14/09	3570	Brunson C	15	CW's Backhoe Ser.	10C
01/14/09	3571	Brunson C	15	CW's Backhoe Ser.	10C
01/14/09	3572	Brunson C	15	CW's Backhoe Ser.	10C
01/27/09	3573	Brunson C	15	CW's Backhoe Ser.	10C
01/27/09	3574	Brunson C	15	CW's Backhoe Ser.	10C
01/27/09	3575	Brunson C	15	CW's Backhoe Ser.	10C
01/27/09	4579	Brunson C	15	CW's Backhoe Ser.	10C
01/28/09	4580	Brunson C	15	CW's Backhoe Ser.	10C
01/28/09	4581	Brunson C	15	CW's Backhoe Ser.	10C
01/28/09	4582	Brunson C	15	CW's Backhoe Ser.	10C
02/02/09	4583	Brunson C	15	CW's Backhoe Ser.	10C
02/02/09	4584	Brunson C	15	CW's Backhoe Ser.	10C
02/02/09	4585	Brunson C	15	CW's Backhoe Ser.	10C
02/02/09	4586	Brunson C	15	CW's Backhoe Ser.	10C
02/03/09	4587	Brunson C	15	CW's Backhoe Ser.	10C
02/03/09	4588	Brunson C	15	CW's Backhoe Ser.	10C
02/03/09	4589	Brunson C	15	CW's Backhoe Ser.	10C
02/03/09	4590	Brunson C	15	CW's Backhoe Ser.	10C
02/04/09	4591	Brunson C	15	CW's Backhoe Ser.	10C
02/04/09	4592	Brunson C	15	CW's Backhoe Ser.	10C
02/04/09	4593	Brunson C	15	CW's Backhoe Ser.	10C
02/04/09	4594	Brunson C	15	CW's Backhoe Ser.	10C
02/17/09	4595	Brunson C	15	CW's Backhoe Ser.	10C
02/17/09	4596	Brunson C	15	CW's Backhoe Ser.	10C
02/17/09	4597	Brunson C	15	CW's Backhoe Ser.	10C
02/18/09	4598	Brunson C	15	CW's Backhoe Ser.	10C
02/18/09	4599	Brunson C	15	CW's Backhoe Ser.	10C
02/18/09	4600	Brunson C	15	CW's Backhoe Ser.	10C
02/18/09	4508	Brunson C	13	CW's Backhoe Ser.	10C
02/18/09	4509	Brunson C	13	CW's Backhoe Ser.	10C
02/20/09	4510	AM Drinkard	13	CW's Backhoe Ser.	10C
02/24/09	4511	AM Drinkard	13	CW's Backhoe Ser.	10C
02/24/09	4512	AM Drinkard	13	CW's Backhoe Ser.	10C
02/24/09	4513	AM Drinkard	13	CW's Backhoe Ser.	10C
02/25/09	4514	AM Drinkard	13	CW's Backhoe Ser.	10C
03/02/09	4515	Boyd Lease	15	CW's Backhoe Ser.	10C

Record of Transport of Soil to JHHC Landfarm (First Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
03/02/09	4516	Boyd Lease	15	CW's Backhoe Ser.	10C
03/02/09	4517	Boyd Lease	15	CW's Backhoe Ser.	10C
03/02/09	4518	Boyd Lease	15	CW's Backhoe Ser.	10C
03/02/09	4519	Boyd Lease	15	CW's Backhoe Ser.	10C
03/02/09	4520	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	4521	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	4522	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	4523	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	4524	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	4525	Boyd Lease	15	CW's Backhoe Ser.	10C
03/03/09	3576	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3577	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3578	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3579	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3580	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3581	Boyd Lease	15	CW's Backhoe Ser.	10C
03/04/09	3582	Boyd Lease	15	CW's Backhoe Ser.	10C
03/05/09	3583	Boyd Lease	15	CW's Backhoe Ser.	10C
03/06/09	3584	Cossatot	15	CW's Backhoe Ser.	10C
03/06/09	3585	Cossatot	15	CW's Backhoe Ser.	10C
03/06/09	3586	Cossatot	24	CW's Backhoe Ser.	10C
03/06/09	3587	Cossatot	24	CW's Backhoe Ser.	10C
03/06/09	3588	Cossatot	15	CW's Backhoe Ser.	10C
03/06/09	3589	Cossatot	15	CW's Backhoe Ser.	10C
03/06/09	3590	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3591	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3592	Cossatot	24	CW's Backhoe Ser.	10C
03/07/09	3593	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3594	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3595	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3596	Cossatot	15	CW's Backhoe Ser.	10C
03/07/09	3597	Cossatot	15	CW's Backhoe Ser.	10C
03/09/09	3598	Cossatot	24	CW's Backhoe Ser.	10C
03/09/09	3599	Cossatot	24	CW's Backhoe Ser.	10C
03/09/09	3600	Cossatot	24	CW's Backhoe Ser.	10C
03/09/09	3476	Cossatot	24	CW's Backhoe Ser.	10C
03/09/09	3477	Cossatot	24	CW's Backhoe Ser.	10C
03/09/09	3478	Cossatot	15	CW's Backhoe Ser.	10C
03/09/09	3479	Cossatot	15	CW's Backhoe Ser.	10C
03/09/09	3480	Cossatot	15	CW's Backhoe Ser.	10C
03/09/09	3481	Cossatot	15	CW's Backhoe Ser.	10C
03/09/09	3482	Cossatot	15	CW's Backhoe Ser.	10C
03/10/09	3483	Cossatot	15	CW's Backhoe Ser.	10C
03/23/09	3484	Brunson C	13	CW's Backhoe Ser.	10C
03/23/09	3485	Brunson C	13	CW's Backhoe Ser.	10C
03/23/09	3486	Brunson C	13	CW's Backhoe Ser.	10C

Record of Transport of Soil to JHHC Landfarm (First Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
03/23/09	3487	Brunson C	13	CW's Backhoe Ser.	10C
03/23/09	3488	Brunson C	13	CW's Backhoe Ser.	10C
03/23/09	3489	Brunson C	13	CW's Backhoe Ser.	10C
03/24/09	3490	Brunson C	13	CW's Backhoe Ser.	10C
03/24/09	3491	Brunson C	13	CW's Backhoe Ser.	10C
03/24/09	3492	Brunson C	13	CW's Backhoe Ser.	10C
03/24/09	3493	Brunson C	13	CW's Backhoe Ser.	10C
03/24/09	3494	Brunson C	13	CW's Backhoe Ser.	10C
03/25/09	3495	Brunson C	13	CW's Backhoe Ser.	10C
03/25/09	3496	Brunson C	13	CW's Backhoe Ser.	10C
03/25/09	3497	Brunson C	13	CW's Backhoe Ser.	10C
03/25/09	3498	Brunson C	13	CW's Backhoe Ser.	10C
03/25/09	3499	Brunson C	13	CW's Backhoe Ser.	10C
03/30/09	3500	Brunson C	13	CW's Backhoe Ser.	10C
03/30/09	3451	Brunson C	13	CW's Backhoe Ser.	10C
03/30/09	3452	Brunson C	13	CW's Backhoe Ser.	10C
03/30/09	3453	Brunson C	13	CW's Backhoe Ser.	10C
		2009 First Quarter Total:	1,653	yd^3	

Record of Transport of Soil to JHHC Landfarm (Second Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
04/06/09	3454	Brunson C	13	CW's Backhoe Ser.	10C
04/06/09	3455	Brunson C	13	CW's Backhoe Ser.	10C
04/06/09	3456	Brunson C	13	CW's Backhoe Ser.	10C
04/06/09	3457	Brunson C	13	CW's Backhoe Ser.	10C
04/06/09	3458	Brunson C	13	CW's Backhoe Ser.	10C
04/07/09	3459	Brunson C	13	CW's Backhoe Ser.	10C
04/07/09	3460	Brunson C	13	CW's Backhoe Ser.	10C
04/07/09	3461	Brunson C	13	CW's Backhoe Ser.	10C
04/07/09	3462	Brunson C	13	CW's Backhoe Ser.	10C
04/07/09	3463	Brunson C	13	CW's Backhoe Ser.	10C
04/08/09	3464	Brunson C	13	CW's Backhoe Ser.	10C
04/08/09	3465	Brunson C	13	CW's Backhoe Ser.	10C
04/09/09	3466	Boyd	13	CW's Backhoe Ser.	10C
04/09/09	3467	Boyd	13	CW's Backhoe Ser.	10C
04/09/09	3468	Boyd	13	CW's Backhoe Ser.	10C
04/09/09	3469	Boyd	13	CW's Backhoe Ser.	10C
04/10/09	3470	Boyd	13	CW's Backhoe Ser.	10C
04/10/09	3471	Boyd	13	CW's Backhoe Ser.	10C
04/10/09	3472	Boyd	13	CW's Backhoe Ser.	10C
04/10/09	3473	Boyd	13	CW's Backhoe Ser.	10C
04/10/09	3474	Boyd	13	CW's Backhoe Ser.	10C
05/26/09	3601	Brunson C	13	CW's Backhoe Ser.	10C
05/26/09	3602	Brunson C	13	CW's Backhoe Ser.	10C
05/26/09	3603	Brunson C	13	CW's Backhoe Ser.	10C
05/27/09	3604	Brunson C	13	CW's Backhoe Ser.	10C
05/26/09	3605	Brunson C	13	CW's Backhoe Ser.	10C
05/26/09	3606	Brunson C	13	CW's Backhoe Ser.	10C
05/26/09	3607	Brunson C	13	CW's Backhoe Ser.	10C
06/01/09	3608	Brunson C	13	CW's Backhoe Ser.	10C
06/01/09	3609	Brunson C	13	CW's Backhoe Ser.	10C
06/01/09	3610	Brunson C	13	CW's Backhoe Ser.	10C
06/01/09	3611	Brunson C	13	CW's Backhoe Ser.	10C
06/02/09	3612	Brunson C	13	CW's Backhoe Ser.	10C
06/02/09	3613	Brunson C	13	CW's Backhoe Ser.	10C
06/02/09	3614	Brunson C	13	CW's Backhoe Ser.	10C
06/02/09	3615	Brunson C	13	CW's Backhoe Ser.	10C
06/03/09	3616	Brunson C	13	CW's Backhoe Ser.	10C
06/03/09	3617	Brunson C	13	CW's Backhoe Ser.	10C
06/03/09	3618	Brunson C	13	CW's Backhoe Ser.	10C
06/03/09	3619	Brunson C	13	CW's Backhoe Ser.	10C
06/08/09	3620	Brunson C	13	CW's Backhoe Ser.	10C
06/08/09	3621	Brunson C	13	CW's Backhoe Ser.	10C
06/08/09	3622	Brunson C	13	CW's Backhoe Ser.	10C
06/08/09	3623	Brunson C	13	CW's Backhoe Ser.	10C
06/08/09	3624	Brunson C	13	CW's Backhoe Ser.	10C
06/09/09	3625	Brunson C	13	CW's Backhoe Ser.	10C

Record of Transport of Soil to JHHC Landfarm (Second Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
06/09/09	4701	Brunson C	13	CW's Backhoe Ser.	10C
06/09/09	4702	Brunson C	13	CW's Backhoe Ser.	10C
06/10/09	4703	Brunson C	13	CW's Backhoe Ser.	10C
06/10/09	4704	Brunson C	13	CW's Backhoe Ser.	10C
06/10/09	4705	Brunson C	13	CW's Backhoe Ser.	10C
06/10/09	4706	Brunson C	13	CW's Backhoe Ser.	10C
06/10/09	4707	Brunson C	13	CW's Backhoe Ser.	10C
06/15/09	4708	Brunson C	13	CW's Backhoe Ser.	10C
06/15/09	4709	Brunson C	13	CW's Backhoe Ser.	10C
06/15/09	4710	Brunson C	13	CW's Backhoe Ser.	10C
06/16/09	4711	Brunson C	13	CW's Backhoe Ser.	10C
06/16/09	4712	Brunson C	13	CW's Backhoe Ser.	10C
06/16/09	4713	Brunson C	13	CW's Backhoe Ser.	10C
06/16/09	4714	Brunson C	13	CW's Backhoe Ser.	10C
06/17/09	4715	Brunson C	13	CW's Backhoe Ser.	10C
06/17/09	4716	Brunson C	13	CW's Backhoe Ser.	10C
06/17/09	4717	Brunson C	13	CW's Backhoe Ser.	10C
06/17/09	4718	Brunson C	13	CW's Backhoe Ser.	10C
06/22/09	4719	Morning Glory #1	13	CW's Backhoe Ser.	10C
06/23/09	4720	Morning Glory #1	13	CW's Backhoe Ser.	10C
06/23/09	4721	Morning Glory #1	13	CW's Backhoe Ser.	10C
06/30/09	4722	Brunson C	13	CW's Backhoe Ser.	10C
		2009 Second Quarter Total:	884	yd^3	

Record of Transport of Soil to JHHC Landfarm (Third Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
07/06/09	4723	Brunson C	13	CW's Backhoe Ser.	10C
07/06/09	4724	Brunson C	13	CW's Backhoe Ser.	10C
07/06/09	4676	Brunson C	13	CW's Backhoe Ser.	10C
07/06/09	4677	Brunson C	13	CW's Backhoe Ser.	10C
07/07/09	4678	Brunson C	13	CW's Backhoe Ser.	10C
07/07/09	4679	Brunson C	13	CW's Backhoe Ser.	10C
07/07/09	4680	Brunson C	13	CW's Backhoe Ser.	10C
07/07/09	4681	Brunson C	13	CW's Backhoe Ser.	10C
07/08/09	4682	Brunson C	13	CW's Backhoe Ser.	10C
07/08/09	4683	Brunson C	13	CW's Backhoe Ser.	10C
07/08/09	4684	Brunson C	13	CW's Backhoe Ser.	10C
07/08/09	4685	Brunson C	13	CW's Backhoe Ser.	10C
07/08/09	4686	Brunson C	13	CW's Backhoe Ser.	10C
07/27/09	4687	Brunson C	13	CW's Backhoe Ser.	10B
07/27/09	4688	Brunson C	13	CW's Backhoe Ser.	10B
07/27/09	4689	Brunson C	13	CW's Backhoe Ser.	10B
07/27/09	4690	Brunson C	13	CW's Backhoe Ser.	10B
07/28/09	4691	Brunson C	13	CW's Backhoe Ser.	10B
07/28/09	4692	Brunson C	13	CW's Backhoe Ser.	10B
07/28/09	4693	Brunson C	13	CW's Backhoe Ser.	10B
07/29/09	4694	Brunson C	13	CW's Backhoe Ser.	10B
07/29/09	4695	Brunson C	13	CW's Backhoe Ser.	10B
07/29/09	4696	Brunson C	13	CW's Backhoe Ser.	10B
07/29/09	4697	Brunson C	13	CW's Backhoe Ser.	10B
07/29/09	4698	Brunson C	13	CW's Backhoe Ser.	10B
08/03/09	4699	Brunson C	13	CW's Backhoe Ser.	10B
08/03/09	4700	Brunson C	13	CW's Backhoe Ser.	10B
08/03/09	4801	Brunson C	13	CW's Backhoe Ser.	10B
08/03/09	4802	Brunson C	13	CW's Backhoe Ser.	10B
08/04/09	4803	Brunson C	13	CW's Backhoe Ser.	10B
08/04/09	4804	Brunson C	13	CW's Backhoe Ser.	10B
08/04/09	4805	Brunson C	13	CW's Backhoe Ser.	10B
08/04/09	4806	Brunson C	13	CW's Backhoe Ser.	10B
08/05/09	4807	Brunson C	13	CW's Backhoe Ser.	10B
08/05/09	4808	Brunson C	13	CW's Backhoe Ser.	10B
08/05/09	4809	Brunson C	13	CW's Backhoe Ser.	10B
08/10/09	4810	Brunson C	13	CW's Backhoe Ser.	10B
08/10/09	4811	Brunson C	13	CW's Backhoe Ser.	10B
08/10/09	4812	Brunson C	13	CW's Backhoe Ser.	10B
08/10/09	4813	Brunson C	13	CW's Backhoe Ser.	10B
08/10/09	4814	Brunson C	13	CW's Backhoe Ser.	10B
08/11/09	4815	Brunson C	13	CW's Backhoe Ser.	10B
08/11/09	4816	Brunson C	13	CW's Backhoe Ser.	10B
08/11/09	4817	Brunson C	13	CW's Backhoe Ser.	10B
08/11/09	4818	Brunson C	13	CW's Backhoe Ser.	10B
08/11/09	4819	Brunson C	13	CW's Backhoe Ser.	10B
08/12/09	4820	Brunson C	13	CW's Backhoe Ser.	10B
08/12/09	4821	Brunson C	13	CW's Backhoe Ser.	10B
08/12/09	4822	Brunson C	13	CW's Backhoe Ser.	10B
08/12/09	4823	Brunson C	13	CW's Backhoe Ser.	10B
08/12/09	4824	Brunson C	13	CW's Backhoe Ser.	10B
08/17/09	4825	Brunson C	13	CW's Backhoe Ser.	10B

Record of Transport of Soil to JHHC Landfarm (Third Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
08/17/09	4951	Brunson C	13	CW's Backhoe Ser.	10B
08/17/09	4952	Brunson C	13	CW's Backhoe Ser.	10B
08/17/09	4953	Brunson C	13	CW's Backhoe Ser.	10B
08/17/09	4954	Brunson C	13	CW's Backhoe Ser.	10B
08/18/09	4955	Brunson C	13	CW's Backhoe Ser.	10B
08/18/09	4956	Brunson C	13	CW's Backhoe Ser.	10B
08/18/09	4957	Brunson C	13	CW's Backhoe Ser.	10B
08/18/09	4958	Brunson C	13	CW's Backhoe Ser.	10B
08/18/09	4959	Brunson C	13	CW's Backhoe Ser.	10B
08/19/09	4960	Brunson C	13	CW's Backhoe Ser.	10B
08/19/09	4961	Brunson C	13	CW's Backhoe Ser.	10B
08/19/09	4962	Brunson C	13	CW's Backhoe Ser.	10B
08/19/09	4963	Brunson C	13	CW's Backhoe Ser.	10B
08/19/09	4964	Brunson C	13	CW's Backhoe Ser.	10B
08/24/09	4965	Brunson C	13	CW's Backhoe Ser.	10B
08/24/09	4966	Brunson C	13	CW's Backhoe Ser.	10B
08/24/09	4967	Brunson C	13	CW's Backhoe Ser.	10B
08/24/09	4968	Brunson C	13	CW's Backhoe Ser.	10B
08/25/09	4969	Brunson C	13	CW's Backhoe Ser.	10B
08/25/09	4970	Brunson C	13	CW's Backhoe Ser.	10B
08/25/09	4971	Brunson C	13	CW's Backhoe Ser.	10B
08/26/09	4972	Brunson C	13	CW's Backhoe Ser.	10B
08/26/09	4973	Brunson C	13	CW's Backhoe Ser.	10B
08/26/09	4974	Brunson C	13	CW's Backhoe Ser.	10B
09/09/09	4975	Brunson C	13	CW's Backhoe Ser.	10B
09/09/09	4851	Brunson C	13	CW's Backhoe Ser.	10B
09/14/09	4852	Brunson C	13	CW's Backhoe Ser.	10B
09/14/09	4853	Brunson C	13	CW's Backhoe Ser.	10B
09/14/09	4854	Brunson C	13	CW's Backhoe Ser.	10B
09/14/09	4855	Brunson C	13	CW's Backhoe Ser.	10B
09/15/09	4856	Brunson C	13	CW's Backhoe Ser.	10B
09/15/09	4857	Brunson C	13	CW's Backhoe Ser.	10B
09/15/09	4858	Brunson C	13	CW's Backhoe Ser.	10B
09/15/09	4859	Brunson C	13	CW's Backhoe Ser.	10B
09/16/09	4860	Brunson C	13	CW's Backhoe Ser.	10B
09/16/09	4861	Brunson C	13	CW's Backhoe Ser.	10B
09/16/09	4862	Brunson C	13	CW's Backhoe Ser.	10B
09/16/09	4863	Brunson C	13	CW's Backhoe Ser.	10B
09/16/09	4864	Brunson C	13	CW's Backhoe Ser.	10B
09/21/09	4865	Brunson C	13	CW's Backhoe Ser.	10B
09/21/09	4726	Brunson C	13	CW's Backhoe Ser.	10B
09/21/09	4727	Brunson C	13	CW's Backhoe Ser.	10B
09/21/09	4728	Brunson C	13	CW's Backhoe Ser.	10B
09/22/09	4729	Brunson C	13	CW's Backhoe Ser.	10B
09/22/09	4730	Brunson C	13	CW's Backhoe Ser.	10B
09/22/09	4731	Brunson C	13	CW's Backhoe Ser.	10B
09/22/09	4732	Brunson C	13	CW's Backhoe Ser.	10B
09/22/09	4733	Brunson C	13	CW's Backhoe Ser.	10B
09/23/09	4734	Brunson C	13	CW's Backhoe Ser.	10B
09/23/09	4735	Brunson C	13	CW's Backhoe Ser.	10B
09/23/09	4736	Brunson C	13	CW's Backhoe Ser.	10B
09/23/09	4737	Brunson C	13	CW's Backhoe Ser.	10B

Record of Transport of Soil to JHHC Landfarm (Third Quarter)

Date	Ticket #	Source	Cu. Yds.	Transporter	Cell No.
09/23/09	4738	Brunson C	13	CW's Backhoe Ser.	10B
09/28/09	4739	Brunson C	13	CW's Backhoe Ser.	10B
09/28/09	4740	Brunson C	13	CW's Backhoe Ser.	10B
09/28/09	4741	Brunson C	13	CW's Backhoe Ser.	10B
09/28/09	4742	Brunson C	13	CW's Backhoe Ser.	10B
09/29/09	4743	Brunson C	13	CW's Backhoe Ser.	10B
09/29/09	4744	Brunson C	13	CW's Backhoe Ser.	10B
09/29/09	4745	Brunson C	13	CW's Backhoe Ser.	10B
09/29/09	4746	Brunson C	13	CW's Backhoe Ser.	10B
09/29/09	4747	Brunson C	13	CW's Backhoe Ser.	10B
09/30/09	4748	Brunson C	13	CW's Backhoe Ser.	10B
09/30/09	4749	Brunson C	13	CW's Backhoe Ser.	10B
09/30/09	4750	Brunson C	13	CW's Backhoe Ser.	10B
10/05/09	4751	Brunson C	13	CW's Backhoe Ser.	10B
10/05/09	4752	Brunson C	13	CW's Backhoe Ser.	10B
10/05/09	4753	Brunson C	13	CW's Backhoe Ser.	10B
10/05/09	4754	Brunson C	13	CW's Backhoe Ser.	10B
10/06/09	4755	Brunson C	13	CW's Backhoe Ser.	10B
10/06/09	4756	Brunson C	13	CW's Backhoe Ser.	10B
10/06/09	4757	Brunson C	13	CW's Backhoe Ser.	10B
10/06/09	4758	Brunson C	13	CW's Backhoe Ser.	10B
10/06/09	4759	Brunson C	13	CW's Backhoe Ser.	10B
10/07/09	4760	Brunson C	13	CW's Backhoe Ser.	10B
10/07/09	4761	Brunson C	13	CW's Backhoe Ser.	10B
10/07/09	4762	Brunson C	13	CW's Backhoe Ser.	10B
10/07/09	4763	Brunson C	13	CW's Backhoe Ser.	10B
10/12/09	4764	Annie Christmas	13	CW's Backhoe Ser.	10B
10/12/09	4765	Annie Christmas	13	CW's Backhoe Ser.	10B
10/12/09	4766	Annie Christmas	13	CW's Backhoe Ser.	10B
10/13/09	4767	Annie Christmas	13	CW's Backhoe Ser.	10B
10/13/09	4768	Annie Christmas	13	CW's Backhoe Ser.	10B
10/14/09	4769	Annie Christmas	13	CW's Backhoe Ser.	10B
10/14/09	4770	Annie Christmas	13	CW's Backhoe Ser.	10B
10/14/09	4771	Annie Christmas	13	CW's Backhoe Ser.	10B
10/15/09	4772	Annie Christmas	13	CW's Backhoe Ser.	10B
10/15/09	4773	Annie Christmas	13	CW's Backhoe Ser.	10B
10/19/09	4774	Annie Christmas	13	CW's Backhoe Ser.	10B
10/19/09	4775	Annie Christmas	13	CW's Backhoe Ser.	10B
10/19/09	4776	Annie Christmas	13	CW's Backhoe Ser.	10B
10/20/09	4777	Annie Christmas	13	CW's Backhoe Ser.	10B
10/20/09	4778	Annie Christmas	13	CW's Backhoe Ser.	10B
10/20/09	4779	Annie Christmas	13	CW's Backhoe Ser.	10B
10/20/09	4780	Annie Christmas	13	CW's Backhoe Ser.	10B
10/21/09	4781	Brunson C	13	CW's Backhoe Ser.	10B
10/21/09	4782	Brunson C	13	CW's Backhoe Ser.	10B
10/21/09	4783	Brunson C	13	CW's Backhoe Ser.	10B
10/21/09	4784	Brunson C	13	CW's Backhoe Ser.	10B
10/22/09	4785	Brunson C	13	CW's Backhoe Ser.	10B
10/22/09	4786	Brunson C	13	CW's Backhoe Ser.	10B
		2009 Third Quarter Total:	1989	yd^3	
2009 Period of Record Total (01/05/09 - 10/22/09)			4,526	yd^3	

APPENDIX B

Laboratory Analytical Reports and Chains of Custody

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN HAYNES
P.O. BOX 910
EUNICE, NM 88231
FAX TO (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5^{0}C
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		10/06/09	10/06/09	10/06/09	10/06/09
H18399-1	10B (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-2	10B (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-3	10B-1 (0' - 1')	<0.050	<0.050	0.056	<0.300
H18399-4	10B-1 (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-5	10C (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-6	10C (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-7	10C-1 (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-8	10C-1 (2' - 3')	<0.050	<0.050	0.065	<0.300
H18399-9	11A (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-10	11A (2' - 3')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.057	0.049	0.048	0.150
True Value QC		0.050	0.050	0.050	0.150
% Recovery		114	98.0	96.0	100
Relative Percent Difference		<1.0	3.5	<1.0	<1.0

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Chemist

10/21/09
Date

H18399 BTRIDENT

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN HAYNES
P.O. BOX 910
EUNICE, NM 88231
FAX TO (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		10/06/09	10/06/09	10/06/09	10/06/09
H18399-11	11B (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-12	11B (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-13	11B-1 (0' - 1')	<0.050	0.053	0.233	<0.300
H18399-14	11B-1 (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-15	11C (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-16	11C (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-17	12A (0' - 1')	<0.050	<0.050	0.202	<0.300
H18399-18	12A (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-19	12A-1 (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-20	12A-1 (2' - 3')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.057	0.049	0.048	0.150
True Value QC		0.050	0.050	0.050	0.150
% Recovery		114	98.0	96.0	100
Relative Percent Difference		<1.0	3.5	<1.0	<1.0

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Chemist

10/21/09
Date

H18399 B TRIDENT

CARDINAL LABORATORIES

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Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		10/07/09	10/07/09	10/07/09	10/07/09
H18399-21	12B (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-22	12B (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-23	12C (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-24	12C (2' - 3')	<0.050	<0.050	<0.050	<0.300
H18399-25	1C (0' - 1')	<0.050	<0.050	<0.050	<0.300
H18399-26	1C (2' - 3')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.051	0.046	0.044	0.146
True Value QC		0.050	0.050	0.050	0.150
% Recovery		102	92.0	88.0	97.3
Relative Percent Difference		3.8	4.3	6.6	6.6

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Reported on wet weight.

Chemist

10/12/09
Date

H18399 B TRIDENT

CARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
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FAX TO (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
ANALYSIS DATE:		10/06/09	10/06/09
H18399-1	10B (0'-1')	<50.0	11,000
H18399-2	10B (2'-3')	<10.0	<10.0
H18399-3	10B-1 (0'-1')	<50.0	11,100
H18399-4	10B-1 (2'-3')	<10.0	<10.0
H18399-5	10C (0'-1')	<10.0	454
H18399-6	10C (2'-3')	<10.0	<10.0
H18399-7	10C-1 (0'-1')	<10.0	3,640
H18399-8	10C-1 (2'-3')	<10.0	<10.0
H18399-9	11A (0'-1')	<10.0	27.0
H18399-10	11A (2'-3')	<10.0	<10.0
H18399-11	11B (0'-1')	<10.0	38.1
H18399-12	11B (2'-3')	<10.0	<10.0
H18399-13	11B-1 (0'-1')	<10.0	1,140
H18399-14	11B-1 (2'-3')	<10.0	<10.0
H18399-15	11C (0'-1')	<10.0	15.4
H18399-16	11C (2'-3')	<10.0	<10.0
H18399-17	12A (0'-1')	<10.0	37.2
H18399-18	12A (2'-3')	<10.0	<10.0
H18399-19	12A-1 (0'-1')	<10.0	21.4
H18399-20	12A-1 (2'-3')	<10.0	<10.0
Quality Control		510	563
True Value QC		500	500
% Recovery		102	113
Relative Percent Difference		0.6	4.4

METHOD: SW-846 8015 M Reported on wet eight.

Chemist

10/21/09
Date

H18399 T JHHC

CARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
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EUNICE, NM 88231
FAX TO (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5^{0}C
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
ANALYSIS DATE:		10/07/09	10/07/09
H18399-21	12B (0'-1')	<10.0	<10.0
H18399-22	12B (2'-3')	<10.0	<10.0
H18399-23	12C (0'-1')	<10.0	26.4
H18399-24	12C (2'-3')	<10.0	<10.0
H18399-25	1C (0'-1')	<10.0	213
H18399-26	1C (2'-3')	<10.0	<10.0
Quality Control		517	559
True Value QC		500	500
% Recovery		103	112
Relative Percent Difference		13.3	9.9

METHOD: SW-846 8015 M Reported on wet eight.

Chemist

10/21/09
Date

H18399 T JHHC

CARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
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EUNICE, NM 88231
FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/19/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: JM

TOTAL METALS

LAB NO.	SAMPLE ID	Cu (mg/kg)	Fe (mg/kg)	Mn (mg/kg)	Zn (mg/kg)
ANALYSIS DATE:		10/13/09	10/13/09	10/13/09	10/13/09
H18399-2	10B (2' - 3')	2.3	4,050	36.8	8.9
H18399-4	10B-1 (2' - 3')	2.2	4,550	48.7	10.0
H18399-6	10C (2' - 3')	< 2.0	6,070	46.9	12.7
H18399-8	10C-1 (2' - 3')	2.5	6,770	53.4	15.4
H18399-10	11A (2' - 3')	3.4	9,360	63.3	20.3
H18399-12	11B (2' - 3')	2.6	9,470	55.0	21.1
H18399-14	11B-1 (2' - 3')	2.3	6,980	57.4	16.5
H18399-16	11C (2' - 3')	2.0	4,910	47.0	10.5
H18399-18	12A (2' - 3')	2.8	11,600	62.1	25.2
H18399-20	12A-1 (2' - 3')	2.2	7,920	64.9	17.9
H18399-22	12B (2' - 3')	< 2.0	6,380	55.5	14.6
H18399-24	12C (2' - 3')	2.4	4,160	47.2	15.7
H18399-26	1C (2' - 3')	3.9	10,700	63.4	23.9
Quality Control		5.23	5.17	2.58	2.59
True Value QC		5.00	5.00	2.50	2.50
% Recovery		105	103	103	104
Relative Standard Deviation		0.2	0.5	0.5	0.5
METHODS: EPA 600/4-91/010,3050		6010	6010	6010	6010

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Chemist

10/21/09
Date

H18399M J. Hendrix

CARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
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EUNICE, NM 88231
FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/19/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: JM

TOTAL METALS

LAB NO.	SAMPLE ID	As (mg/kg)	Ag (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)
ANALYSIS DATE:		10/13/09	10/13/09	10/13/09	10/13/09	10/13/09	10/13/09	10/14/09	10/13/09
H18399-2	10B (2' - 3')	< 10.0	< 1.0	21.8	< 1.0	4.9	< 5.0	< 0.1	< 20.0
H18399-4	10B-1 (2' - 3')	< 10.0	< 1.0	22.2	< 1.0	5.2	< 5.0	< 0.1	< 20.0
H18399-6	10C (2' - 3')	< 10.0	< 1.0	26.2	< 1.0	6.4	< 5.0	< 0.1	< 20.0
H18399-8	10C-1 (2' - 3')	< 10.0	< 1.0	32.4	< 1.0	9.1	< 5.0	< 0.1	< 20.0
H18399-10	11A (2' - 3')	< 10.0	< 1.0	40.9	< 1.0	10.2	< 5.0	< 0.1	< 20.0
H18399-12	11B (2' - 3')	< 10.0	< 1.0	48.5	< 1.0	10.2	< 5.0	< 0.1	< 20.0
H18399-14	11B-1 (2' - 3')	< 10.0	< 1.0	29.2	< 1.0	7.6	< 5.0	< 0.1	< 20.0
H18399-16	11C (2' - 3')	< 10.0	< 1.0	25.2	< 1.0	5.7	< 5.0	< 0.1	< 20.0
H18399-18	12A (2' - 3')	< 10.0	< 1.0	66.7	< 1.0	12.2	< 5.0	< 0.1	< 20.0
H18399-20	12A-1 (2' - 3')	< 10.0	< 1.0	35.7	< 1.0	8.5	< 5.0	< 0.1	< 20.0
H18399-22	12B (2' - 3')	< 10.0	< 1.0	37.7	< 1.0	7.1	< 5.0	< 0.1	< 20.0
H18399-24	12C (2' - 3')	< 10.0	< 1.0	44.4	< 1.0	5.1	< 5.0	< 0.1	< 20.0
H18399-26	1C (2' - 3')	< 10.0	< 1.0	68.6	< 1.0	11.3	< 5.0	< 0.1	< 20.0
Quality Control		5.10	0.53	2.51	2.60	2.59	5.22	0.0020	10.10
True Value QC		5.00	0.50	2.50	2.50	2.50	5.00	0.0020	10.00
% Recovery		102	106	100	104	104	104	100	101
Relative Standard Deviation		2.2	1.8	1.0	0.5	1.0	0.7	< 0.1	1.0
METHODS: EPA 600/4-91/010,3050		6010	6010	6010	6010	6010	6010	7471	6010

Analyses subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.

Chemist

10/21/09
Date

H18399M J. Hendrix

CARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
P.O. BOX 910
EUNICE, NM 88231
FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/16/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO3/L)
ANALYSIS DATE:		10/16/09	10/13/09	10/13/09	10/16/09	10/13/09	10/12/09
H18399-2	10B (2' - 3')	<5	40.1	24.3	17.3	258	24
H18399-4	10B-1 (2' - 3')	<5	60.1	24.3	20.8	75.8	44
H18399-6	10C (2' - 3')	<5	60.1	24.3	7.7	440	112
H18399-8	10C-1 (2' - 3')	20	64.1	19.4	6.5	414	250
H18399-10	11A (2' - 3')	122	64.1	14.6	15.6	1,590	140
H18399-12	11B (2' - 3')	<5	60.1	24.3	13.8	598	200
Quality Control		NR	49.7	51.5	3.01	1,420	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	99.4	103	100	100	NR
Relative Percent Difference		NR	3.2	1.9	2.7	0.1	NR
METHODS:			SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER	SAMPLE ID	Cl (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)
ANALYSIS DATE:		10/13/09	10/15/09	10/12/09	10/12/09	10/13/09
H18399-2	10B (2' - 3')	<80	129	0	29.3	7.47
H18399-4	10B-1 (2' - 3')	<80	<125	0	53.7	7.94
H18399-6	10C (2' - 3')	<80	<125	0	137	7.63
H18399-8	10C-1 (2' - 3')	<80	<50	0	305	8.27
H18399-10	11A (2' - 3')	60	270	0	171	8.02
H18399-12	11B (2' - 3')	40	<125	0	244	7.81
Quality Control		490	36.2	NR	1012	7.05
True Value QC		500	40.0	NR	1000	7.00
% Recovery		98.0	90.6	NR	101	101
Relative Percent Difference		2.0	3.3	NR	5.0	0.7
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

Chemist

Date 10/21/09

H18399 J. Hendrix

CARDINAL LABORATORIES

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FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/16/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u S/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:		10/16/09	10/13/09	10/13/09	10/16/09	10/13/09	10/12/09
H18399-14	11B-1 (2' - 3')	55	96.2	24.3	15.3	1,730	60
H18399-16	11C (2' - 3')	<5	60.1	48.6	57.0	340	36
H18399-18	12A (2' - 3')	<5	120	97.2	22.5	250	28
H18399-20	12A-1 (2' - 3')	<5	120	48.6	35.4	492	32
H18399-22	12B (2' - 3')	<5	80.2	36.4	<5.0	306	40
H18399-24	12C (2' - 3')	<5	128	43.7	5.7	324	112
Quality Control		NR	49.7	51.5	3.01	1,420	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	99.4	103	100	100	NR
Relative Percent Difference		NR	3.2	1.9	2.7	0.1	NR
METHODS:			SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER	SAMPLE ID	Cl (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)
ANALYSIS DATE:		10/13/09	10/15/09	10/12/09	10/12/09	10/13/09
H18399-14	11B-1 (2' - 3')	260	51.3	0	73.2	7.26
H18399-16	11C (2' - 3')	<80	<125	0	43.9	7.92
H18399-18	12A (2' - 3')	<80	<250	0	34.2	7.81
H18399-20	12A-1 (2' - 3')	<80	<125	0	39.0	7.80
H18399-22	12B (2' - 3')	<80	<125	8	32.0	8.59
H18399-24	12C (2' - 3')	<80	<50	8	104	8.68
Quality Control		490	36.2	NR	1012	7.05
True Value QC		500	40.0	NR	1000	7.00
% Recovery		98.0	90.6	NR	101	101
Relative Percent Difference		2.0	3.3	NR	5.0	0.7
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

Chemist

10/21/09
Date

H18399 Hendrix

CARDINAL LABORATORIES

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FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/16/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: HM

LAB NUMBER SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity (μS/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:	10/16/09	10/13/09	10/13/09	10/16/09	10/13/09	10/12/09
H18399-26 1C (2' - 3')	<5	96.2	24.3	19.2	1,430	40
Quality Control	NR	49.7	51.5	3.01	1,420	NR
True Value QC	NR	50.0	50.0	3.00	1,413	NR
% Recovery	NR	99.4	103	100	100	NR
Relative Percent Difference	NR	3.2	1.9	2.7	0.1	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER SAMPLE ID	Cl (mg/kg)	SO_4 (mg/kg)	CO_3 (mg/kg)	HCO_3 (mg/kg)	pH (s.u.)
ANALYSIS DATE:	10/13/09	10/15/09	10/12/09	10/12/09	10/13/09
H18399-26 1C (2' - 3')	180	<50	0	48.8	7.97
Quality Control	490	36.2	NR	1012	7.05
True Value QC	500	40.0	NR	1000	7.00
% Recovery	98.0	90.6	NR	101	101
Relative Percent Difference	2.0	3.3	NR	5.0	0.7
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

Chemist

10/21/09
Date

H18399 Hendrix

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN HAYNES
P.O. BOX 910
EUNICE, NM 88231
FAX TO: (575) 394-2653

Receiving Date: 10/02/09
Reporting Date: 10/20/09
Project Number: JOHN H. HENDRIX CORP.
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY (NM-02-0021)
Project Location: T24S-R36E-SEC15, W/2 NW/4 & W/2 SW/4, LEA COUNTY NM

Sampling Date: 10/01/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 0.5°C
Sample Received By: AB
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl^- (mg/kg)
Analysis Date:		10/05/09
H18399-1	10B (0'-1')	400
H18399-3	10B-1 (0'-1')	448
H18399-5	10C (0'-1')	< 16
H18399-7	10C-1 (0'-1')	< 16
H18399-9	11A (0'-1')	< 16
H18399-11	11B (0'-1')	< 16
H18399-13	11B-1 (0'-1')	160
H18399-15	11C (0'-1')	< 16
H18399-17	12A (0'-1')	< 16
H18399-19	12A-1 (0'-1')	< 16
H18399-21	12B (0'-1')	< 16
H18399-23	12C (0'-1')	< 16
H18399-25	1C (0'-1')	16
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-Cl^-B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

10/21/09
Date

H18399Cl JHHC

101 East Marland - Hobbs, New Mexico 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: John H. Hendrix Corporation	BILL TO Company: John H. Hendrix Corporation PO#
Project Manager: Carolyn Haynes	Project Manager: Carolyn Haynes
Address: (Street, City, Zip) PO Box 910, Eunice NM 88231	Address: (Street, City, Zip) PO Box 3040, Midland TX 79702-3040 Fax#:
Phone #: (575) 394-2649 Fax#: (575) 394-2653	Phone #: (432) 684-6631 Email: cdoranhaynes@jhhc.org
Project #: John H. Hendrix Corporation	Project Name: JHHC Surface Waste Management Facility (NM-02-0021)
Project Location: T24S, R36E, Sec 15, W/2 NW/4 & W/2 SW/4, Lea County NM	Sampler Name: Gil Van Deventer

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	None	SAMPLING: DATE	TIME
H18399-1	10B (0' - 1')	G	1		X							X		10/1/09	1300
-2	10B (2' - 3')	G	1		X							X		10/1/09	1305
-3	10B-1 (0' - 1')	G	1		X							X		10/1/09	1310
-4	10B-1 (2' - 3')	G	1		X							X		10/1/09	1320
-5	10C (0' - 1')	G	1		X							X		10/1/09	0930
-6	10C (2' - 3')	G	1		X							X		10/1/09	0940
-7	10C-1 (0' - 1')	G	1		X							X		10/1/09	0950
-8	10C-1 (2' - 3')	G	1		X							X		10/1/09	0955
-9	11A (0' - 1')	G	1		X							X		10/1/09	1120
-10	11A (2' - 3')	G	1		X							X		10/1/09	1125

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021 B	TPH 8015M	PAH 8270C	RCRA Metals: Ag As Ba Cd Cr Pb Se Hg	WQCC Metals: Ag As Ba Cd Cr Pb Se Hg Cu Fe Mn Zn	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, K, Na)	Anions (Cl, SO4, CO3, HCO3, ALK)	Total Dissolved Solids (SM2540C)	Chlorides (325.3 / SM4500 B)	SPLP Chloride	Turn Around Time ~ 24 Hours
	X	X														X		
	X	X			X								X	X				
	X	X														X		
	X	X			X								X	X				
	X	X														X		
	X	X			X								X	X				
	X	X														X		
	X	X			X								X	X				
	X	X														X		
	X	X			X								X	X				

Relinquished by: Gil Van Deventer	Date: 10/2/09	Time: 1153	Received by: CBJ	Date: 10/2/09	Time: 11:53 CST
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)	Date:	Time:

Phone Results		Yes	No
Fax Results		Yes	No Additional Fax Number:

REMARKS:

Email Results to:
cdoranhaynes@jhhc.org
gil@trident-environmental.com

Delivered By: (Circle One) #26
Sampler - UPS - Bus - Other:

Sample Condition: 0.5°C — Cool: Yes [X] No [ ] — Intact: Yes [X] No [ ]

CHECKED BY: (Initials) CBJ

101 East Marland - Hobbs, New Mexico 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: John H. Hendrix Corporation	BILL TO Company: John H. Hendrix Corporation PO#
Project Manager: Carolyn Haynes	Project Manager: Carolyn Haynes
Address: (Street, City, Zip) PO Box 910, Eunice NM 88231	Address: (Street, City, Zip) PO Box 3040, Midland TX 79702-3040 Fax#:
Phone #: (575) 394-2649 Fax#: (575) 394-2653	Phone #: (432) 684-6631 Email: cdoranhaynes@jhhc.org
Project #: John H. Hendrix Corporation	Project Name: JHHC Surface Waste Management Facility (NM-02-0021)
Project Location: T24S, R36E, Sec 15, W/2 NW/4 & W/2 SW/4, Lea County NM	Sampler Name: Gil Van Deventer

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	None	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021 B	TPH 8015M	PAH 8270C	RCRA Metals: Ag As Ba Cd Cr Pb Se Hg	WQCC Metals: Ag As Ba Cd Cr Pb Se Hg Cu Fe Mn Zn	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, K, Na)	Anions (Cl, SO4, CO3, HCO3, ALK)	Total Dissolved Solids (SM2540C)	Chlorides (325.3 / SM4500 B)	SPLP Chloride	Turn Around Time ~ 24 Hours
H18399-11	11B (0' - 1')	G	1		X							X		10/1/09	1050		X	X													X		
-12	11B (2' - 3')	G	1		X							X		10/1/09	1055		X	X			X								X	X			
-13	11B-1 (0' - 1')	G	1		X							X		10/1/09	1100		X	X													X		
-14	11B-1 (2' - 3')	G	1		X							X		10/1/09	1110		X	X			X								X	X			
-15	11C (0' - 1')	G	1		X							X		10/1/09	1030		X	X													X		
-16	11C (2' - 3')	G	1		X							X		10/1/09	1035		X	X			X								X	X			
-17	12A (0' - 1')	G	1		X							X		10/1/09	1210		X	X													X		
-18	12A (2' - 3')	G	1		X							X		10/1/09	1220		X	X			X								X	X			
-19	12A-1 (0' - 1')	G	1		X							X		10/1/09	1230		X	X													X		
-20	12A-1 (2' - 3')	G	1		X							X		10/1/09	1235		X	X			X								X	X			

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Gil Van Dev 10/2/09 1153	Received by: CB 10/2/09 11:53 CST	Phone Results	Yes No
		Fax Results	Yes No Additional Fax Number:
Relinquished by: Date: Time:	Received By: (Laboratory Staff) Date: Time:	REMARKS:	
Delivered By: (Circle One) #126 Sampler - UPS - Bus - Other:	Sample Condition: Cool: Yes 0.5°C / No; Intact: Yes / No	CHECKED BY: (Initials)	Email Results to: cdoranhaynes@jhhc.org gil@trident-environmental.com

101 East Marland - Hobbs, New Mexico 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name:	BILL TO Company:	PO#
John H. Hendrix Corporation	John H. Hendrix Corporation	
Project Manager:	**Project Manager:**	
Carolyn Haynes	Carolyn Haynes	
Address: (Street, City, Zip)	**Address: (Street, City, Zip)**	**Fax#:**
PO Box 910, Eunice NM 88231	PO Box 3040, Midland TX 79702-3040	
Phone #: Fax#:	**Phone #: Email:**	
(575) 394-2649 (575) 394-2653	(432) 684-6631 cdoranhaynes@jhhc.org	
Project #:	**Project Name:**	
John H. Hendrix Corporation	JHHC Surface Waste Management Facility (NM-02-0021)	
Project Location:	**Sampler Name:**	
T24S, R36E, Sec 15, W/2 NW/4 & W/2 SW/4, Lea County NM	Gil Van Deventer	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: $NaHSO_4$	PRESERVATIVE METHOD: H_2SO_4	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	SAMPLING: DATE	SAMPLING: TIME	MTBE 8021B/602	BTEX 8021 B	TPH 8015M	PAH 8270C	RCRA Metals: Ag As Ba Cd Cr Pb Se Hg	WQCC Metals: Ag As Ba Cd Cr Pb Se Hg Cu Fe Mn Zn	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, K, Na)	Anions (Cl, SO4, CO3, HCO3, ALK)	Total Dissolved Solids (SM2540C)	Chlorides (325.3 / SM4500 B)	SPLP Chloride	Turn Around Time ~ 24 Hours
H18399-21	12B (0' - 1')	G	1		X							X		10/1/09	1250		X	X													X		
-22	12B (2' - 3')	G	1		X							X		10/1/09	1255		X	X			X								X	X			
-23	12C (0' - 1')	G	1		X							X		10/1/09	1310		X	X													X		
-24	12C (2' - 3')	G	1		X							X		10/1/09	1320		X	X			X								X	X			
-25	1C (0' - 1')	G	1		X							X		10/1/09	1430		X	X													X		
-26	1C (2' - 3')	G	1		X							X		10/1/09	1440		X	X			X								X	X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	10/2/09	1153	CBJ	10/2/09	11:53 CST
Relinquished by:	**Date:**	**Time:**	**Received By: (Laboratory Staff)**	**Date:**	**Time:**

Phone Results		Yes		No	
Fax Results		Yes		No	Additional Fax Number:

REMARKS:

Email Results to:
cdoranhaynes@jhhc.org
gil@trident-environmental.com

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other: #76	0.5C Cool: Yes [X] No [ ] Intact: Yes [X] No [ ]	(Initials)

Soil Sample Locations (GarmineTrax GPS)
October 1, 2009

Cell No.	Sub-Cell Letter	Sample ID	Latitude	Longitude
1	C	1C	N32° 13' 27.7"	W103° 15' 37.9"
10	B	10B	N32° 12' 48.3"	W103° 15' 30.2"
10	B	10B-1	N32° 12' 47.8"	W103° 15' 31.9"
10	C	10C	N32° 12' 46.4"	W103° 15' 38.7"
10	C	10C-1	N32° 12' 48.3"	W103° 15' 36.2"
11	A	11A	N32° 12' 43.3"	W103° 15' 28.6"
11	B	11B	N32° 12' 43.6"	W103° 15' 34.6"
11	B	11B-1	N32° 12' 43.3"	W103° 15' 36.7"
11	C	11C	N32° 12' 43.7"	W103° 15' 38.5"
12	A	12A	N32° 12' 39.6"	W103° 15' 23.9"
12	A	12A-1	N32° 12' 39.7"	W103° 15' 28.2"
12	B	12B	N32° 12' 39.6"	W103° 15' 31.3"
12	C	12C	N32° 12' 38.9"	W103° 15' 37.0"

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
P.O. BOX 910
EUNICE, NM 88231

Receiving Date: 10/02/09
Reporting Date: 10/09/09
Project Owner: JOHN H. HENDRIX CORP.
Project Name: CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
Project Location: T24S-R36E-SEC15 W/2 NW/4 & W/2 SW/4 ~ LEA CO., NM

Sampling Date: 10/01/09
Sample Type: WATER
Sample Condition: COOL & INTACT @ 2.5°C
Sample Received By: ML
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		10/05/09	10/05/09	10/05/09	10/05/09
H18386-1	MW -1	<0.001	<0.001	<0.001	<0.003
H18386-2	MW -2	<0.001	<0.001	<0.001	<0.003
H18386-3	MW -3	<0.001	<0.001	<0.001	<0.003
H18386-4	MW -4	<0.001	<0.001	<0.001	<0.003
H18386-5	MW -5	<0.001	<0.001	<0.001	<0.005
Quality Control		0.060	0.052	0.048	0.163
True Value QC		0.050	0.050	0.050	0.150
% Recovery		120	104	96.0	109
Relative Percent Difference		<1.0	3.5	<1.0	<1.0

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

10/9/09
Date

H18386WB JHC

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
P.O. BOX 910
EUNICE, NM 88231

Receiving Date: 10/02/09
Reporting Date: 10/05/09
Project Owner: JOHN H. HENDRIX CORPORATION
Project Name: CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
Project Location: T24S, R36E, SEC 15, W/2 NW/4 & W/2 SW/4, LEA COUNTY, NM

Sampling Date: 10/01/09
Sample Type: WATER
Sample Condition: COOL & INTACT @ 2.5°C
Sample Received By: ML
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl^- (mg/L)	TDS (mg/L)
Analysis Date:		10/05/09	10/02/09
H18386-1	MW-1	348	811
H18386-2	MW-2	64	414
H18386-3	MW-3	60	420
H18386-4	MW-4	68	409
H18386-5	MW-5	76	467
Quality Control		500	NR
True Value QC		500	NR
% Recovery		100	NR
Relative Percent Difference		< 0.1	< 0.1

METHOD: Standard Methods	4500-Cl^-B	160.1

Not accredited for TDS and Chloride.

Chemist

10/12/09
Date

H18386 J. Hendrix

101 East Marland - Hobbs, New Mexico 88240
Tel (575) 393-2326
Fax (575) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: John H. Hendrix Corporation	BILL TO Company: John H. Hendrix Corporation PO#
Project Manager: Carolyn Haynes	Project Manager: Carolyn Haynes
Address: (Street, City, Zip) PO Box 910, Eunice NM 88231	Address: (Street, City, Zip) PO Box 3040, Midland TX 79702-3040 Fax#:
Phone #: (575) 394-2649 Fax#: (575) 394-2653	Phone #: (432) 684-6631 Email: cdoranhaynes@jhhc.org
Project #: John H. Hendrix Corporation	Project Name: Centralized Surface Waste Management Facility
Project Location: T24S, R36E, Sec 15, W/2 NW/4 & W/2 SW/4, Lea County NM	Sampler Name: Rozanne Johnson

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (BTEX)	HNO_3 (Metals)	$NaHSO_4$	H_2SO_4	ICE	None (Ions/TDS)	SAMPLING: DATE	TIME
H183860-1	MW-1	G	3	X				2				3	1	10/1/09	10:15
-2	MW-2	G	3	X				2				3	1	10/1/09	15:20
-3	MW-3	G	3	X				2				3	1	10/1/09	14:25
-4	MW-4	G	3	X				2				3	1	10/1/09	13:25
-5	MW-5	G	3	X				2				3	1	10/1/09	12:00

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021 B	TPH 8015M	PAH 8270C	Total RCRA Metals: Ag As Ba Cd Cr Pb Se Hg	TCLP RCRA Metals: Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (SM2540C)	Chlorides (325.3 / SM4500 B)	SPLP Chloride	Turn Around Time ~ 24 Hours
	X														X	X		
	X														X	X		
	X														X	X		
	X														X	X		
	X														X	X		

Relinquished by:	Date: 10-2-2009	Time: 8:00	Received by: Cathy Watkins Date: 10-2-2009 Time: 8:01
Relinquished by: Cathy Watkins	Date: 10-2-2009	Time: 9:49	Received By: (Laboratory Staff) Date: 10/2/09 Time: 9:50a

Phone Results: [ ] Yes [ ] No
Fax Results: [ ] Yes [ ] No Additional Fax Number:

REMARKS: Metals: (unfiltered)

Email Results to:
cdoranhaynes@jhhc.org
gil@trident-environmental.com
rozanne@valornet.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 2.5°C

Sample Condition: Cool: Yes [✓] No [ ] Intact: Yes [✓] No [ ]

CHECKED BY: (Initials) MCB

#26

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
TRIDENT ENVIRONMENTAL
ATTN: GIL VAN DEVENTER
P.O. BOX 7624
MIDLAND, TX 79708
FAX TO: (413) 403-9968

Receiving Date: 03/26/09
Reporting Date: 03/30/09
Project Number: V-180
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY
Project Location: SEC 15 - T24S - R36E, LEA COUNTY, NM

Sampling Date: 03/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
ANALYSIS DATE:		03/27/09	03/27/09
H17134-1	CELL 11A (0'-2')	<10.0	<10.0
H17134-2	CELL 11A (2'-3')	<10.0	<10.0
H17134-3	CELL 11B (0'-2')	<10.0	298
H17134-4	CELL 11B (2'-3')	<10.0	<10.0
Quality Control		458	500
True Value QC		500	500
% Recovery		91.6	100
Relative Percent Difference		1.9	1.9

METHOD: SW-846 8015 M

Chemist

03/03/09
Date

H17134 T TRIDENT

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
TRIDENT ENVIRONMENTAL
ATTN: GIL VAN DEVENTER
P.O. BOX 7624
MIDLAND, TX 79708
FAX TO: (413) 403-9968

Receiving Date: 03/26/09
Reporting Date: 03/30/09
Project Number: V-180
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY
Project Location: SEC 15 - T24S - R36E, LEA COUNTY, NM

Sampling Date: 03/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)
ANALYSIS DATE:		03/28/09	03/28/09
H17134-5	CELL 11C (0'-1')	<10.0	34.3
H17134-6	CELL 11C (2'-3')	<10.0	<10.0
H17134-7	CELL 11C-1 (0'-1')	<10.0	78.1
H17134-8	CELL 11C-1 (2'-3')	<10.0	<10.0
H17134-9	CELL 12A (0'-1')	<10.0	118
H17134-10	CELL 12A (2'-3')	<10.0	<10.0
H17134-11	CELL 12B (0'-1')	<10.0	67.8
H17134-12	CELL 12B (2'-3')	<10.0	<10.0
H17134-13	CELL 12C (0'-1')	<10.0	<10.0
H17134-14	CELL 12C (2'-3')	<10.0	<10.0
H17134-15	CELL 12C-1 (0'-1')	<10.0	66.6
H17134-16	CELL 12C-1 (2'-3')	<10.0	<10.0
H17134-17	CELL 10C (0'-1')	<10.0	2,340
H17134-18	CELL 10C (2'-3')	<10.0	<10.0
H17134-19	CELL 10C-1 (0'-1')	<10.0	152
H17134-20	CELL 10C-1 (2'-3')	<10.0	<10.0
H17134-21	CELL 1C (0'-1')	<10.0	45.3
H17134-22	CELL 1C (2'-3')	<10.0	<10.0
Quality Control		439	461
True Value QC		500	500
% Recovery		87.8	92.2
Relative Percent Difference		1.3	1.3

METHOD: SW-846 8015 M

Chemist

03/03/09
Date

H17134 T TRIDENT

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
TRIDENT ENVIRONMENTAL
ATTN: GIL VAN DEVENTER
P.O. BOX 7624
MIDLAND, TX 79708
FAX TO: (413) 403-9968

Receiving Date: 03/26/09
Reporting Date: 04/01/09
Project Number: V-180
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY
Project Location: SEC 15 - T24S - R36E, ~ LEA CO., NM

Sampling Date: 03/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		03/31/09	03/31/09	03/31/09	03/31/09
H17134-1	CELL 11A (0'-2')	<0.050	<0.050	<0.050	<0.300
H17134-2	CELL 11A (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-3	CELL 11B (0'-2')	<0.050	<0.050	<0.050	<0.300
H17134-4	CELL 11B (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-5	CELL 11C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-6	CELL 11C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-7	CELL 11C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-8	CELL 11C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-9	CELL 12A (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-10	CELL 12A (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-11	CELL 12B (0'-1')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.049	0.051	0.050	0.152
True Value QC		0.050	0.050	0.050	0.150
% Recovery		98.0	102	100	101
Relative Percent Difference		3.3	4.5	5.3	5.6

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

04/03/09
Date

H17134 TRIDENT

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
TRIDENT ENVIRONMENTAL
ATTN: GIL VAN DEVENTER
P.O. BOX 7624
MIDLAND, TX 79708
FAX TO: (413) 403-9968

Receiving Date: 03/26/09
Reporting Date: 04/01/09
Project Number: V-180
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY
Project Location: SEC 15 - T24S - R36E, ~ LEA CO., NM

Sampling Date: 03/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		04/01/09	04/01/09	04/01/09	04/01/09
H17134-12	CELL 12B (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-13	CELL 12C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-14	CELL 12C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-15	CELL 12C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-16	CELL 12C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-17	CELL 10C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-18	CELL 10C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-19	CELL 10C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-20	CELL 10C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-21	CELL 1C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-22	CELL 1C (2'-3')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.049	0.050	0.048	0.147
True Value QC		0.050	0.050	0.050	0.150
% Recovery		98.2	99.0	96.4	98.1
Relative Percent Difference		1.6	1.4	2.0	2.0

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

04/03/09
Date

H17134 TRIDENT

Carc Laboratories

101 E. M. J Blvd.
Hobbs, NM 88240

Phone: 575-393-2326
Fax: 575-393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQU.

Page 1 of 2 3

Company Name:	John H. Hendrix Corp.	Company Name:	Trident Environmental	Project Name:	JHHC Surface Waste Management Facility
Direct Invoice To:	Carolyn Haynes	Project Manager:	Gil Van Deventer	Project #:	V-180
Billing Address:	110 N. Marienfeld St.	Address:	P. O. Box 7624	Project Location:	Sec 15 - T24S - R36E, Lea County NM
City, State, Zip Code:	Midland TX 79701	City, State, Zip Code:	Midland TX 79708	COC #:	V-180-0309-
Telephone No:	(432) 684-6631	Telephone No:	(432) 638-8740		
Telephone No:	(575) 394-2649	Fax No:	(413) 403-9968		
Email Report to:	cdoranhaynes@jhhc.org	Email Report to:	gil@trident-environmental.com		
Sampler:	Gil Van Deventer				
	Printed		Signature		

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No of Containers	Preservative: Ice	HNO3	HCl BTEX only	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For (TCLP:/TOTAL:): TPH 418.1 / 8015M	1005 1006	Cations (Ca, Mg, Na, K, F)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals, As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B	RCI	N.O.R.M.	TDS (160.1 / SM2540C)	SPLP 1312	Chloride (325.3 / SM4500B)	Total Fe and Mn	RUSH TAT (Pre-Schedule)	Standard TAT
H17134-1	Cell 11A (0'-2')	3-25-09	1150	1	✓									✓		✓								✓								✓
-2	Cell 11A (2'-3')	3-25-09	1200	1	✓									✓		✓								✓								✓
-3	Cell 11B (0'-2')	3-25-09	1210	1	✓									✓		✓								✓								✓
-4	Cell 11B (2'-3')	3-25-09	1220	1	✓									✓		✓								✓								✓
-5	Cell 11C (0'-1')	3-25-09	1230	1	✓									✓		✓								✓								✓
-6	Cell 11C (2'-3')	3-25-09	1240	1	✓									✓		✓								✓								✓
-7	Cell 11C-1 (0'-1')	3-25-09	1245	1	✓									✓		✓								✓								✓
-8	Cell 11C-1 (2'-3')	3-25-09	1255	1	✓									✓		✓								✓								✓
-9	Cell 12A (0'-1')	3-25-09	1450	1	✓									✓		✓								✓								✓
-10	Cell 12A (2'-3')	3-25-09	1500	1	✓									✓		✓								✓								✓

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 3°C #24
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Gil Van Deventer	3/26/09	9:45	Misty LeBeau	3/26/09	9:45
Relinquished by:	Date	Time	Received by ELOT	Date	Time

Carl Laboratories

101 E. M[illegible]d Blvd.
Hobbs, NM 88240

Phone: 575-393-2326
Fax: 575-393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQU[illegible]

Company Name:	John H. Hendrix Corp.	Company Name:	Trident Environmental	Project Name:	JHHC Surface Waste Management Facility
Direct Invoice To:	Carolyn Haynes	Project Manager:	Gil Van Deventer	Project #:	V-180
Billing Address:	110 N. Marienfeld St.	Address:	P. O. Box 7624	Project Location:	Sec 15 - T24S - R36E, Lea County NM
City, State, Zip Code:	Midland TX 79701	City, State, Zip Code:	Midland TX 79708	COC #:	V-180-0309-
Telephone No:	(432) 684-6631	Telephone No:	(432) 638-8740		
Telephone No:	(575) 394-2649	Fax No:	(413) 403-9968		
Email Report to:	cdoranhaynes@jhhcnm.org	Email Report to:	gil@trident-environmental.com		
Sampler:	Gil Van Deventer				
	Printed		Signature		

Page 2 of 2's

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl BTEX only	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TPH: 418.1 (8015M) 1005 1006	TOTAL: TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K, F)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B	RCI	N O R M	TDS (160.1 / SM2540C)	SPLP 1312	Chloride (325.3 / SM4500B)	Total Fe and Mn	RUSH TAT (Pre-Schedule)	Standard TAT
H17134-11	Cell 12B (0'-1')	3-25-09	1430	1	✓									✓		✓							✓								✓
-12	Cell 12B (2'-3')	3-25-09	1440	1	✓									✓		✓							✓								✓
-13	Cell 12C (0'-1')	3-25-09	1410	1	✓									✓		✓							✓								✓
-14	Cell 12C (2'-3')	3-25-09	1420	1	✓									✓		✓							✓								✓
-15	Cell 12C-1 (0'-1')	3-25-09	1350	1	✓									✓		✓							✓								✓
-16	Cell 12C-1 (2'-3')	3-25-09	1400	1	✓									✓		✓							✓								✓
-17	Cell 10C (0'-1')	3-25-09	1610	1	✓									✓		✓							✓								✓
-18	Cell 10C (2'-3')	3-25-09	1620	1	✓									✓		✓							✓								✓
-19	Cell 10C-1 (0'-1')	3-25-09	1625	1	✓									✓		✓							✓								✓
-20	Cell 10C-1 (2'-3')	3-25-09	1630	1	✓									✓		✓							✓								✓

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 3°C #260
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
	3/26/09	9:45		3/26/09	9:45
Relinquished by:	Date	Time	Received by ELOT:	Date	Time

Carl Laboratories

101 E. M... d Blvd.
Hobbs, NM 88240

Phone: 575-393-2326
Fax: 575-393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQU...

Page 3 of 3

Company Name:	John H. Hendrix Corp.	Company Name:	Trident Environmental	Project Name:	JHHC Surface Waste Management Facility
Direct Invoice To:	Carolyn Haynes	Project Manager:	Gil Van Deventer	Project #:	V-180
Billing Address:	110 N. Marienfeld St.	Address:	P. O. Box 7624	Project Location:	Sec 15 - T24S - R36E, Lea County NM
City, State, Zip Code:	Midland TX 79701	City, State, Zip Code:	Midland TX 79708	COC #:	V-180-0309-
Telephone No:	(432) 684-6631	Telephone No:	(432) 638-8740		
Telephone No:	(575) 394-2649	Fax No:	(413) 403-9968		
Email Report to:	cdavanhaynes@jhhc.org	Email Report to:	gil@trident-environmental.com		
Sampler:	Gil Van Deventer				

Printed — Signature

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl BTEX only	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TPH: 418.1 / 8015M / 1005 / 1006	TOTAL: Cations (Ca, Mg, Na, K, F)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B	RCI	N.O.R.M.	TDS (160.1 / SM2540C)	SPLP 1312	Chloride (325.3 / SM4500B)	Total Fe and Mn	RUSH TAT (Pre-Schedule)	Standard TAT
H17134-21	Cell 1 C (0'-1')	3.25.09	1640	1	✓									✓		✓							✓								✓
-22	Cell 1 C (2'-3')	3.25.09	1645	1	✓									✓		✓							✓								✓

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 39°
Laboratory Comments: #26

Relinquished by:	Date	Time	Received by:	Date	Time
	3/26/09	9:45		3/26/09	9:45
Relinquished by:	Date	Time	Received by ELOT:	Date	Time

Soil Sample Locations (GarmineTrax GPS)
March 25, 2009

Cell No.	Sub-Cell Letter	Sample ID	Latitude	Longitude
1	C	1C	N32.22439°	W103.26503°
10	C	10C	N32.21284°	W103.26031°
10	C	10C-1	N32.21288°	W103.26080°
11	A	11A	N32.21223°	W103.25700°
11	B	11B	N32.21225°	W103.25867°
11	C	11C	N32.21228°	W103.25999°
11	C	11C-1	N32.21227°	W103.26059°
12	A	12A	N32.21101°	W103.25771°
12	B	12B	N32.21104°	W103.25927°
12	C	12C	N32.21104°	W103.26003°
12	C	12C-1	N32.21106°	W103.26056°

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
P.O. BOX 3040
MIDLAND, TX 79702-3040

Receiving Date: 03/25/09
Reporting Date: 03/27/09
Project Owner: NOT GIVEN
Project Name: CENTRALIZED SURFACE WASTE MANAGEMENT FACILITY
Project Location: T20S-R36E-SEC15 W/2 NM/4 &W/2 SW/4 ~ LEA CO., NM

Sampling Date: 03/25/09
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		03/26/09	03/26/09	03/26/09	03/26/09
H17133-1	MONITOR WELL #1	<0.001	<0.001	<0.001	<0.003
H17133-2	MONITOR WELL #2	<0.001	<0.001	<0.001	<0.003
H17133-3	MONITOR WELL #3	<0.001	<0.001	<0.001	<0.003
H17133-4	MONITOR WELL #4	<0.001	<0.001	<0.001	<0.003
H17133-5	MONITOR WELL #5	<0.001	<0.001	<0.001	<0.003
Quality Control		0.050	0.051	0.049	0.150
True Value QC		0.050	0.050	0.050	0.150
% Recovery		100	102	98.0	100
Relative Percent Difference		2.0	2.8	1.4	3.3

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

03/30/09
Date

H17133WBJHG

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
JOHN H. HENDRIX CORPORATION
ATTN: CAROLYN DORAN HAYNES
P.O. BOX 3040
MIDLAND, TX 79702-3040

Receiving Date: 03/25/09
Reporting Date: 03/27/09
Project Owner: NOT GIVEN
Project Name: CENTRALIZED SURFACE WASTE MANAGEMENT
Project Location: T20S R36E SEC 15 W/2 NW/4 & W/2 SW/4
LEA CO., NM

Analysis Date: 03/26/09
Sampling Date: 03/25/09
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: TR

LAB NO.	SAMPLE ID	Cl^- (mg/L)	TDS (mg/L)
H17133-1	MONITOR WELL #1	352	819
H17133-2	MONITOR WELL #2	68	404
H17133-3	MONITOR WELL #3	60	423
H17133-4	MONITOR WELL #4	64	469
H17133-5	MONITOR WELL #5	72	421
Quality Control		490	NR
True Value QC		500	NR
% Recovery		98.0	NR
Relative Percent Difference		2.0	0.7

METHOD: Standard Methods	4500-Cl B	160.1

Chemist

03/30/09
Date

H17133 J. Hendrix

101 East Marland - Hobbs, New Mexico 88240
Tel (505) 393-2326
Fax (505) 393-2476

Cardinal Laboratories, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: John H. Hendrix Corporation	BILL TO Company: John H. Hendrix Corporation — PO#
Project Manager: Carolyn Doran Haynes	Address: (Street, City, Zip) P. O. Box 3040 ~ Midland, Texas 79702-3040
Address: (Street, City, Zip) P. O. Box 3040 ~ Midland, Texas 79702-3040	Phone#: (575)390-9689 — Fax#:
Phone #: (575)390-9689 — Fax #:	
Project #: John H. Hendrix Corporation	Project Name: Centralized Surface Waste Management Facility
Project Location: T20S R36E Sec 15 W/2 NW/4 & W/2 SW/4 Lea County, NM	Sampler Signature: Rozanne Johnson (575)631-9310 rozanne@valornet.com

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (4-40ml VOA)	HNO_3	$NaHSO_4$	H_2SO_4	ICE (1-1Liter HDPE)	NONE	SAMPLING: DATE (2009)	TIME
H17133-1	Monitor Well #1	G	3	X				X				X		3-25	10:15
-2	Monitor Well #2	G	3	X				X				X		3-25	15:10
-3	Monitor Well #3	G	3	X				X				X		3-25	15:05
-4	Monitor Well #4	G	3	X				X				X		3-25	14:00
-5	Monitor Well #5	G	3	X				X				X		3-25	12:30

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 8015 M GRO/DRO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	Metals	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content		Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids	Chlorides	Turn Around Time ~ 24 Hours
	X																		X	X	
	X																		X	X	
	X																		X	X	
	X																		X	X	
	X																		X	X	

Relinquished by: Rozanne Johnson	Date: 3-25-2009	Time: 16:50	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff) Nikki McBurt	Date: 3-25-2009	Time: 16:51

Phone Results		Yes	No
Fax Results		Yes	No Additional Fax Number:

REMARKS:

Email Results to: cdoranhaynes@jhhc.org
rozanne@valornet.com
gil@trident-environmental.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition: Cool: Yes / No; Intact: Yes / No

CHECKED BY: (Initials)

Gil Van Deventer

From: "Gil Van Deventer" <gilbertvandeventer@suddenlink.net>
"Jones, Brad A., EMNRD" <brad.a.jones@state.nm.us>
Cc: "Carolyn Haynes" <cdoranhaynes@jhhc.org>; "Buddy Hill" <larry.hill@state.nm.us>
Sent: Monday, November 30, 2009 5:05 PM
Attach: 2009_OMR_NM-02-21.pdf
Subject: 2009 Annual Operations and Monitoring Report (NM-02-21)

Facility: Centralized Surface Waste Management Facility (NM-02-0021)
Operator: John H. Hendrix Corp. (JHHC)
Location: Sec 15, T-24-S, R-36-E, Lea County NM
Attachments: 2009 Annual Operations and Monitoring Report

Greetings, Brad:

Trident Environmental is acting as agent for JHHC for sampling and reporting activities associated with the above-referenced facility. Attached is the *2009 Annual Operations and Monitoring Report* for the facility. The attached version does not include the laboratory reports due to file size limitations when sending via email.

One complete hard copy that includes the laboratory reports and one complete copy on compact disk will be sent to you via USPS Certified Mail (# 7099 3400 0017 1737 1766). A complete copy will also be delivered to the NMOCD District 1 office in Hobbs.

If you have any questions please feel free to contact me, or Carolyn Haynes at (432) 684-6631 or (575) 394-2653.

Thanks - Gil

Gilbert J. Van Deventer, PG, REM
Trident Environmental
P.O. Box 7624, Midland TX 79708
Office/Mobile: 432-638-8740
Fax: 413-403-9968
Home: 432-682-0727

Gil Van Deventer

From: "Jones, Brad A., EMNRD" <brad.a.jones@state.nm.us>
Sent: Tuesday, December 01, 2009 8:21 AM
Attach: ATT00106.txt
Subject: Read: 2009 Annual Operations and Monitoring Report (NM-02-21)

Your message

To: Jones, Brad A., EMNRD
Cc: Carolyn Haynes; Hill, Larry, EMNRD
Subject: 2009 Annual Operations and Monitoring Report (NM-02-21)
Sent: Mon, 30 Nov 2009 16:05:23 -0700

was read on Tue, 1 Dec 2009 07:21:36 -0700