25253 JRM 10/24/07

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR 13 2007
SOUTHWEST DISTRICT
TAMPA

TETRA TECH

March 8, 2007

Via UPS Overnight

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Subject: **Semi-Annual Groundwater Monitoring Report**
Enterprise Recycling & Disposal Facility
Angelo's Aggregate Materials, Ltd.
FDEP Permit Nos. 177982-001-SC, 177982-002-SO
Pasco County, Florida

Tetra Tech #99.0331.030

Dear Mr. Morris:

On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), Tetra Tech is providing for your review the semi-annual groundwater report for the October 2006 groundwater monitoring event for the Enterprise Recycling & Disposal Facility in accordance with the requirements listed in the above referenced Florida Department of Environmental Protection (FDEP) permit.

1.0 INTRODUCTION

Angelo's is currently permitted to process and dispose of Class III debris waste within an area of approximately 105 acres. The facility is located at the northwest corner of the intersection of Enterprise Road and Auton Road, Dade City, Pasco County, Florida. The facility is presently permitted for operation by the FDEP through Solid Waste Management Permit No. 177982-002-SO.

All fieldwork, monitor well installations, sampling methodologies, data evaluation, data QA/QC, chemical analysis, and statistical analysis were conducted in accordance with Angelo's FDEP approved Groundwater Monitoring Plan. This report presents the results of the October 2006 semi-annual monitoring event.

201 East Pine Street, Suite 1000, Orlando, FL 32801
Tel 407.839.3955 Fax 407.839.3790 www.tetratech.com

1.1 Groundwater Monitoring Plan

The groundwater monitoring plan currently consists of 17 groundwater monitor wells, nine (9) within the uppermost aquifer (MW-1, MW-3A, MW-4A, MW-5A, MW-6, MW-7A, MW-8A, MW-9A, and MW-10A), and eight (8) within the Floridan aquifer (MW-1B, MW-3B, MW-4B, MW-5B, MW-7B, MW-8B, MW-9B, and MW-10B). The groundwater monitoring network consists of two (2) upgradient background monitor wells, MW-1 and MW-1B, and fifteen (15) downgradient detection monitor wells, MW-3A, MW-3B, MW-4A, MW-4B, MW-5A, MW-5B, MW-6, MW-7A, MW-7B, MW-8A, MW-8B, MW-9A, MW-9B, MW-10A, and MW-10B. A site map depicting major site features, monitor wells, and piezometers is presented on Figure 1. Piezometers P-2, P-4, P-6, P-8, P-10, P-11, and monitor well MW-11 are used for water level measurements. + MW-12A / MW-12B

2.0 FIELD SAMPLING ACTIVITIES AND LABORATORY TESTING

Tetra Tech's field personnel collected groundwater samples for laboratory analysis in accordance with DEP-SOP-001/01, FDEP's standard operating procedure (SOP) for field activities. Groundwater samples were collected from eleven (11) of the 17 monitor wells (MW-1B, MW-3B, MW-4B, MW-5A, MW-5B, MW-6, MW-7A, MW-7B, MW-8B, MW-9B, and MW-10B) and from the onsite supply well from October 4-6, 2006 and were submitted to ENCO Laboratories. Monitor wells MW-3A, MW-4A, MW-8A, MW-9A, and MW-10A were dry and thus could not be sampled during this event. Monitor well MW-1 was not accessible during the above sampling days, a power source could not be stationed near this well for sampling, and thus this well was not sampled during this event. Water level elevations were obtained at all piezometers and monitor wells on October 6, 2006. The following paragraphs discuss the procedures used during the field activities and the analytical testing program completed for the project.

2.1 Field Activities

Tetra Tech personnel performed field activities associated with purging and sampling of monitoring wells from October 4-6, 2006. Prior to purging the wells, depths to water and water level elevations (feet, NGVD) were recorded to the nearest hundredth of a foot from the surveyed top of casing of each well. The water level measurements were used for determining water volumes in the well casing. The water level measurements collected on October 6, 2006 were used for the preparation of groundwater contour maps to estimate groundwater flow direction.

A peristaltic pump was used to purge monitor wells MW-3B, MW-5A, and MW-6, since the depth to water in each well was less than 22 feet. A stainless steel submersible pump

was used to purge the remainder of the sampled monitor wells. Once drawdown stabilized, a minimum of one well volume, or one equipment volume if the entire screen was submerged, was purged prior to initial measurements of the field parameters. After the field parameters stabilized within the required limits, samples were collected. All sampling equipment was fully decontaminated between monitor wells pursuant to Tetra Tech's quality assurance protocols and the DEP-SOP-001-01. Following completion of purging activities, samples were collected by Tetra Tech in accordance with DEP-SOP-001/01, FDEP's SOP for field activities, from the wells using a peristaltic pump, or submersible pump. Samples collected for analysis of volatile compounds using the peristaltic pump were collected from the sample tubing. During sampling, field parameters including static water levels (before purging), pH, temperature, dissolved oxygen, turbidity, color and sheen (by observation), and specific conductance were measured and recorded for each well on a water sampling log. The groundwater sampled from the supply well was collected from a sample port between the well head and the storage tank. Prior to collection of this groundwater sample, a polyethylene tube was attached to the sample port to collect water for field parameter measurements. Once the field parameters stabilized and a minimum of 20-gallons of water was purged from the sample port, the sample was collected per FDEP SOP sampling protocols. Following collection of samples into laboratory provided containers and ice chests; the samples were transported to the contract laboratory under signed chain of custody documentation. Copies of the Groundwater Sampling Logs are provided in Appendix A.

Samples were not collected from the temporary pond and Pond 1, since these ponds were dry during this sampling event.

2.2 Laboratory Analysis and QA/QC

The groundwater samples collected from the site were transported to ENCO Laboratories, in Orlando, Florida for analytical testing in accordance with ENCO's CompQAP No. 960038 and NELAC E83182. The FDEP required analytes for this event included the seven (7) field parameters, total ammonia as N, chlorides, iron, mercury, nitrate, sodium, total dissolved solids, and the parameters listed in 40 CFR Part 258, Appendix I.

3.0 QUALITY ASSURANCE AND QUALITY CONTROL

One (1) equipment blank was collected as part of the field sampling and analysis activities. Analytes detected in the blank included antimony at a concentration of 3 ug/L, selenium at a concentration of 2 ug/L, Bicarbonate as CaCO3 at a concentration of 3 ug/L, Total Alkalinity at a concentration of 3 ug/L, and TDS at a concentration of 12 mg/L. With the exception of TDS, the remaining detected analytes were flagged with an

"I" in the laboratory analytical results, meaning the analytes were detected but below the Reporting Limit; therefore, the results are an estimated concentration. It is possible that these detections were due to an impurity in the analyte-free water used for decontamination procedures or that the decontamination procedures were not as thorough as required for complete decontamination during this sampling event. Further discussion is provided in Section 4.2.

All samples submitted to ENCO were analyzed within the required holding times as determined by the analytical methods, with the exception of samples for monitor well MW-7B. The groundwater samples for MW-7B were submitted to ENCO, within the required holding times, but were put on hold for analysis until the issue of performing maintenance and re-sampling at this well was resolved. The issue was not resolved with the FDEP, thus the samples for MW-7B were eventually analyzed out of hold time, with the exception of TDS and ammonia. The nitrate analysis was approximately 2 weeks out of hold time when the sample was analyzed, while the alkalinity and volatiles analyses were a few days out of hold time. A narrative describing the hold time exceedances and the possible effects on the laboratory data for the samples from MW-7B are included in Appendix B. The laboratory method blanks did not indicate detectable concentrations of any parameters. The results of all laboratory control standards were within acceptable limits. The quality control and quality assurance results are summarized and presented with the analytical reports in Appendix B.

4.0 MONITORING RESULTS

Groundwater conditions at the facility were evaluated based on physical and analytical data obtained as a part of the sampling event. Physical data included groundwater elevations to determine the direction of groundwater flow within the monitored aquifers. The data were also compared to the applicable State of Florida groundwater quality standards in accordance with the requirements of the operating permit. The following paragraphs discuss groundwater conditions at the facility during this sampling period.

4.1 Groundwater Flow

The water level measurements collected by Tetra Tech personnel during the event were converted to potentiometric head elevations relative to the National Geodetic Vertical Datum (NGVD). The potentiometric head elevations are presented in Table 1 and on Figure 2 (surficial aquifer) and Figure 3 (Floridan aquifer).

Potentiometric elevations in the Floridan aquifer ranged from a low of 65.90 feet, NGVD in piezometer P-8 near the south portion of the property to a high of 67.69 feet, NGVD in monitor well MW-12B near the southeast area of the property. Relative to water levels measured in May 2006, overall groundwater elevations measured in October 2006 have ranged from a decrease of 0.72 feet to 0.95 feet throughout the site.

The groundwater elevation at piezometer P-6 shown on Table 1 is not accurate. The piezometer was modified prior to the sampling event to accommodate an on-site road; however, the new top of casing elevation has not yet been surveyed. Tetra Tech recommends this piezometer be re-surveyed prior to the April 2007 semi-annual sampling event. Monitor wells MW-1, MW-7A, MW-7B, and MW-8B were also modified prior to the sampling event, but have since been resurveyed. The new top of casing (TOC) elevation for each well was collected by a Registered Florida Professional Surveyor and is shown in Appendix C.

Groundwater in the surficial aquifer, as shown in Figure 2, has an overall flow direction "downhill" towards the east, which is similar to the May 2006 sampling event, but different from the October 2005 sampling event, when the overall flow direction was "uphill" towards the west. We interpret this change as a transient response to lower water levels. The Floridan aquifer, as shown in Figure 3, has a flow direction from the north toward the south, and from the southeast toward the north-west (central) portion of the site, which is consistent with the previous sampling event. The addition of monitor well MW-12B to the monitoring network has caused the Florida groundwater flow direction to shift slightly toward the central portion of the site before eventually flowing south toward piezometer P-8. The groundwater elevations at P-11 have been historically high and are not consistent with the groundwater elevations of either the surficial or the Floridan aquifer monitor wells and piezometers. The water level at P-11 likely represents a perched water table or a water level within the clay confining unit, and is therefore not used in the groundwater contour maps. The groundwater elevations at MW-5A have typically been high during past monitoring events, but appear to be higher than surrounding surficial monitor wells during the May sampling events, compared to the October sampling events. The high groundwater level at MW-5A likely represent a perched water table or a water level within the clay confining unit, and is therefore also not used in the groundwater contour map.

Groundwater levels also appeared to be high at monitor well MW-6 during the October 2005 sampling event, but appears to have rebounded to normal levels during the October 2006 sampling event. Since the groundwater elevation level at piezometer P-6 was incorrect due to incorrect top of casing elevation, this well was also not used in the groundwater contour map.

4.2 Evaluation of Groundwater Quality Results

Table 2 lists the analytes for each monitor well that exceeded the water quality MCLs or other guidance concentrations. A disc with the laboratory analytical reports in the FDEP Data Validator format is provided in Appendix D.

Iron exceeded the State criterion in the sample from MW-5A, with a concentration of 1.33 mg/L. Other parameters were detected in some of the monitor well samples but did not exceed concentration criteria. Those parameters include methylene chloride, acetone, ammonia, chloride, cobalt, chromium, copper, nickel, nitrate, nitrite, selenium, sodium, toluene, TDS, antimony, barium, vanadium, alkalinity (no criteria found), and bicarbonate (no criteria found).

Dissolved oxygen content exceeded the 20% saturation limit in monitor wells MW-1B, MW-3B, MW-4B, MW-5A, MW-5B, MW-6, MW-7A, MW-9B, and the supply well onsite even though the wells were purged at flow rates of approximately 0.025 to 1.0 gallon per minute, and in accordance with the DEP SOP requirements. The dissolved oxygen results are relatively consistent with previous sampling events. Turbidity was below 20 NTUs in each of the monitor wells sampled.

Field pH values were below the 6.5 to 8.5 standard unit (SU) range in monitor wells MW-5A, MW-6, and MW-7A. This is not uncommon in the surficial aquifer. Field pH was above the 6.5 to 8.5 range for monitor well MW-7B, which observed a value of 10.86 SU. This result is consistent with past results and is likely the result of residual grout in the well. This monitor well was to be re-developed prior to this sampling event, however, it was inadvertently not completed due to miscommunication. Tetra Tech recommends this monitor well be re-developed prior to the next sampling event.

5.0 CONCLUSION

Groundwater levels are lower in each of the monitor wells and piezometers, than during the May 2006 sampling event, and flow direction is consistent in both the surficial and Floridan aquifer compared to the October 2005 and May 2006 sampling events. The groundwater flow directions in the surficial aquifer appear to fluctuate from one sampling event to another, but remain consistent during the wet and dry seasons when compared year to year. With the exception of iron, which was detected above the MCL, no other metals or indicator parameters were found to exceed State minimum criteria. Eight monitor well samples and the supply well sample exceeded the standard for dissolved

oxygen; and four monitor well samples exceeded the standard for pH, but these conditions are believed to be naturally occurring in the groundwater in this area.

Please call me if you have any questions concerning the data presented in this report.

Very truly yours,

3-8-07

Miguel A. Garcia, P.G.
Project Hydrogeologist

JLD/slm/99.0331.030/corresp/SemiAnnGMROct06.doc
Attachments
C: John Arnold/Jeff Rogers, Angelo's
Andy Alipour, Pasco County

Florida Department of Environmental Protection

Suite 232 3319 Maguire Boulevard Orlando, Florida 32803

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Enterprise Recycling and Disposal Facility

Address 41111 Enterprise Road

City Dade City Zip 33525 County Pasco

Telephone Number (352) 567-7676

(2) Facility WACS Number SWD-51-87895

(3) DEP Permit Number 177982-001-SC, 177982-002-SO

(4) Authorized Representative's Name Miguel A. Garcia, P.G. Title Project Hydrogeologist

Address Tetra Tech / Hartman & Associates, Inc. 201 E. Pine Street, Suite 1000

City Orlando Zip 32801 County Orange

Telephone Number (407) 839-3955

(5) Type of Discharge Class III Landfill

(6) Method of Discharge unlined landfill

CERTIFICATION

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

3-7-07
Date

Owner or Authorized Representative's Signature

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # Tetra Tech HAI #950504

Analytical Lab Comp QAP #/ HRS Certification ENCO #960038, HRS #E83182, NELAC #E83182

Lab Name ENCO Laboratories

Address 10775 Central Port Drive, Orlando, Florida 32824

Phone Number (407) 826-5314

TABLES

TABLE 1
WATER LEVEL ELEVATIONS
ENTERPRISE RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

Location	TOC Elevation, ft NGVD	Depth to Water, ft BTOC	Water Level, ft NGVD	Depth to Water, ft BTOC	Water Level, ft NGVD	Aquifer Monitored	Change in Groundwater Elevation, ft (Oct-May)
		May 11, 2006	May 11, 2006	October 06, 2006	October 06, 2006		
MW-1	98.78	28.76	70.02	29.77	69.01	Surficial	-1.01
MW-1B	174.48	106.47	68.01	107.24	67.24	Floridan	-0.77
MW-3A	85.39	Dry	**	Dry	-	Surficial	-
MW-3B	84.80	16.59	**	17.33	67.47	Floridan	-
MW-4A*	100.59	21.55	**	22.46	78.13	Surficial	-
MW-4B	100.87	32.65	**	33.40	67.47	Floridan	-
MW-5A*	86.74	11.97	74.77	15.62	71.12	Surficial	-3.65
MW-5B	85.70	17.65	68.05	18.39	67.31	Floridan	-0.74
MW-6	88.65	20.95	67.70	22.27	66.38	Surficial	-1.32
MW-7A	100.72	32.63	68.09	33.33	67.39	Surficial	-0.70
MW-7B	101.52	33.50	68.02	34.22	67.30	Floridan	-0.72
MW-8	100.10	Dry	-	Dry	-	Surficial	-
MW-8B	108.45	40.32	68.13	41.05	67.40	Floridan	-0.73
MW-9	108.00	Dry	-	Dry	-	Surficial	-
MW-9B	109.75	41.38	68.37	42.10	67.65	Floridan	-0.72
MW-10	111.62	Dry	-	Dry	-	Surficial	-
MW-10B	110.00	41.42	68.58	42.37	67.63	Floridan	-0.95
MW-11	104.45	35.65	68.80	36.89	67.56	Surficial	-1.24
MW-12A	121.43	52.78	**	53.59	67.84	Surficial	-
MW-12B	121.84	53.41	**	54.15	67.69	Floridan	-
P-2	98.73	30.58	68.15	31.45	67.28	Surficial	-0.87
P-4	84.55	15.19	69.36	17.78	66.77	Surficial	-2.59
P-6**	94.16	34.87	59.29	35.48	58.68	Surficial/Floridan	-0.61
P-8	133.94	67.29	66.65	68.04	65.90	Floridan	-0.75
P-10	132.60	64.52	68.08	65.29	67.31	Floridan	-0.77
P-11*	150.76	58.63	92.13	62.14	88.62	Floridan	-3.51
TP		Staff Gauge Destroyed					

TP - Temporary Pond
TOC - top of casing
BTOC - below top of casing
* Considered perched water table
**Monitor well modified, new TOC not yet surveyed, water level not accurate

TABLE 2
GROUNDWATER EXCEEDENCES
ENTERPRISE RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA
OCTOBER 2006

Monitor Well	Parameter	Result	MCL/MC	Units
MW-1B	Dissolved Oxygen	52.4	20	%
MW-3B	Dissolved Oxygen	22.9	20	%
MW-4B	Dissolved Oxygen	24.0	20	%
MW-5A	pH	4.92	6.5-8.5	STD
	Dissolved Oxygen	34.0	20	%
	Iron	1330	300	ug/L
MW-5B	Dissolved Oxygen	32.0	20	%
MW-6	pH	4.80	6.5-8.5	STD
	Dissolved Oxygen	39.2	20	%
MW-7A	pH	5.23	6.5-8.5	STD
	Dissolved Oxygen	24.5	20	%
MW-7B	pH	10.86	6.5-8.5	STD
MW-9B	Dissolved Oxygen	66.4	20	%
Supply Well	Dissolved Oxygen	38.9	20	%
MCL - Maximum Contaminant Limit per FAC 62-550 and FAC 62-520				
MC - Groundwater Quality Minimum Criteria, per FAC 62-777				

+ MW-4B IRON 1.32 0.3

FIGURES

APPENDICES

APPENDIX A

FIELD LOG

PROJ # 99.0331.030 NAME: Dale Clayton

PROJECT NAME: Enterprise Road Landfill DATE: 10/4/06

PROJECT LOCATION: Dade City, FL

TIME	COMMENTS
0935	On site. Setting up LEL meter for gas monitoring.
0943	Zero calibrated LEL meter. Checking in with Scale House.
0946	Checked in with Scale House and picked up well keys. Began gas monitoring, see attached Gas Monitoring Survey Form.
1140	Completed gas monitoring. Moving to MW-5 well cluster for sampling.
1142	On location MW-5B, setting up decon station.
1215	Set up decon station and decon'ed ESP and WL probe per WDEP-SOP-001/01, FC 1000.
1225	Collected EQB sample, see attached Ground-water Sampling Log. Preparing to calibrate field meters.
1257	Calibrated field meters, see attached Calibration Log. Preparing to sample MW-5B, see attached Groundwater Sampling Logs for well data, purge volume calculations and measurements, field parameter measurements and sample data for each well sampled during this event.
1410	Completed sampling MW-5B, decon'ed WL probe and ESP. Moving to MW-5A.
1415	Someone has removed dedicated sample tubing from MW-5A. Will return later with new tubing. Moving to MW-6.
1422	Someone has removed dedicated sample tubing from MW-6. Will return later with new tubing. Moving to MW-8B.
1545	Completed sampling MW-8B, decon'ed ESP and WL probe. Moving to MW-8.
1558	MW-8 is dry less than 6" of water in sump. Moving to MW-7B.
1700	Completed sampling MW-7B.
1710	Decon'ed and packed up equipment. Finished sampling for the day.
1715	Off site.

FIELD LOG

PROJ # 99.0331.030 NAME: Dale Clayton

PROJECT NAME: Enterprise Road Landfill DATE: 10/5/06

PROJECT LOCATION: Dade City, FL

TIME	COMMENTS
0910	On site. Obtained locks and tubing on way in. Checked in with John Arnold. Discussed high ph in MW-2B and bent pipe in MW-2A. May be able to treat MW-2B with muriatic acid to correct ph, will discuss with Jennifer Deal. Will investigate MW-2A.
0920	Moving to MW-2A.
0930	On location MW-2A, ~~setting up decon station~~
0954	~~Set up decon station and~~ decon'ed WL probe TAW DEP-SOP-001/01, FC 1000. Preparing to calibrate field meters.
1009	Calibrated field meters, see attached Calibration Log. Preparing to sample MW-2A.
1155	Completed sampling MW-2A, decon'ed ESP and WL probe. Moving to MW-6.
1244	Completed sampling MW-6. Decon'ed WL probe. Moving to MW-5A.
1603	Completed sampling MW-5A, decon'ed WL probe. Moving to MW-4A.
1652	Well MW-4A is producing less than .02 gpm. Attempted to purge using a peristaltic pump @ .02 gpm and well purged dry. Spoke with Jennifer Deal and explained situation and that SOP ~~recommends~~ states that a dry purge and sampling is not recommended but is acceptable. She said to consider well dry and do not sample.
1703	Decon'ed WL probe. Moving to MW-3A.
1715	MW-3A is dry - Packing up equipment.
1730	Packed up equipment. Off site.

FIELD LOG

PROJ # 99.0331.030 NAME: Dale Clayton

PROJECT NAME: Enterprise Road Landfill DATE: 10/4/06

PROJECT LOCATION: Dade City, FL

TIME	COMMENTS
0740	On site. Checked in with Scale House.
0745	Moving to MW-3B.
0750	On location MW-3B, setting up decon station.
0804	Set up decon station and decon'd WL probe IAW DEP-SOP-001/01, FC 1000. Preparing to calibrate field meters.
0825	Calibrated field meters, see attached Calibration Logs. Preparing to sample MW-3B.
0935	Completed sampling MW-3B, decon'd WL probe. Moving to MW-4B. Decon'd ESP.
1041	Completed sampling MW-4B, decon'd ESP and WL probe. Moving to MW-1.
1241	Completed sampling MW-1, decon'd ESP and WL probe. Moving to MW-10B.
1404	Completed sampling MW-10B, decon'd ESP and WL probe, Moving to MW-9B.
1521	Completed sampling MW-9B, decon'd ESP and WL probe. Moving to MW-1.
1629	Attempted to sample MW-1 using a SS ESP. There is no access to the well except down the side of a berm, so I carried sampling equipment and meters to the well ~60' from access road. Used a 100' extension cord from power source to ESP, however, pump draws too many amps to work with a 100' cord. A shorter cord won't work because of distance. Will have to return to sample MW-1 when adequate access is constructed. Moving to Supply Well.
1710	Completed sampling supply well. Packing up equipment.
1730	Off site.

FIELD LOG

PROJ # 99.0331.030 NAME: D. & C Clayton

PROJECT NAME: Enterprise Road Landfill DATE: 10/6/06

PROJECT LOCATION: Dade City, FL

TIME	COMMENTS

Well #	WL (ft, btoc)	Well #	WL (ft, btoc)
MW-1	29.27'	MW-10	Dry
MW-1B	102.24'	MW-10B	42.37
MW-5A	15.62'	MW-11	36.89'
MW-5B	18.39'	P-2	31.45'
MW-6	22.27'	P-4	17.28'
MW-7A	33.33'	P-6	~~35.48'~~
MW-7B	34.22'	P-8	68.04'
MW-8	Dry	P-10	65.29'
MW-8B	41.05'	P-11	62.14' ~~36.89'~~
MW-9	Dry	MW-4A	22.46'
MW-9B	42.10'	MW-4B	33.40'
MW-3A	Dry	MW-12A	53.59'
MW-3B	17.33	MW-12B	54.15'

~~* Walked northern area line looking for P-6, could not locate.~~

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 566/Lamotte 2020 **INSTRUMENT #** _____

PARAMETERS:

☒ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL CL ☒ DO ☐ OTHER _____

STANDARDS: *[Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]*

Standard A Calitech AutoCal Solution Exp: 4/11/08
Standard B Oakton pH standard 10
Standard C Oakton Cond Standard .084 ms/cm
Standard D Lamotte 1 NTU Standard
Standard E Lamotte 10 NTU Standard

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES. NO)	TYPE (INIT. CONT)	SAMPLER INITIALS	
10/4/06	1257	A	4.00	4.00		Yes	Init	[redacted]	pH
		B	10.00	10.00					pH
		C	.084	.084					Cond
		A	4.49	4.49					Cond
			—	8.10					DO
			—	26.68					Temp
		D	1	1.01					Turb
		E	10	10.02					Turb
10/5/06	1009	A	4.00	4.00		Yes	Cont	[redacted]	pH
		B	10.00	10.00					pH
		C	.084	.084					Cond
		A	4.49	4.49					Cond
			—	8.36					DO
			—	24.7					Temp
		D	1	.99					Turb
		E	10	9.98					Turb
10/6/06	0825	A	4.00	4.00		Yes	Cont	[redacted]	pH
		B	10.00	10.00					pH
		C	.084	.084					Cond
		A	4.49	4.49					Cond
			—	8.77					DO
			—	22.05					Temp
		D	1	.99					Turb
		E	10	10.01					Turb

APPENDIX B

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

www.encolabs.com

Wednesday, October 18, 2006

Tetra Tech HAI, Inc. (HA005)
Attn: Jennifer Deal
201 E. Pine St. Suite 1000
Orlando, FL 32801

RE: Project Number: 99.0331.029, Project Name/Desc: Enterprise Road Landfill
ENCO Workorder: A604984

Dear Jennifer Deal,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Saturday, October 7, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

David M. Camacho

David Camacho For Ronald Wambles
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 47.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1B **Lab ID:** A604984-01

Sampled: 10/06/06 12:22 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 12:22	10/07/06 10:00	10/7/2006 13:31
EPA 300.0	10/08/06 12:22	10/07/06 10:00	10/7/2006 13:31
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 13:31
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:32
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:35
EPA 6020	04/04/07	10/09/06 13:23	10/10/2006 23:54
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:28
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 21:09
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 18:59
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:32

Client ID: MW-3B **Lab ID:** A604984-02

Sampled: 10/06/06 09:25 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 09:25	10/07/06 10:00	10/7/2006 12:50
EPA 300.0	10/08/06 09:25	10/07/06 10:00	10/7/2006 12:50
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 12:50
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:33
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:41
EPA 6020	04/04/07	10/09/06 13:23	10/11/2006 00:00
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:37
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 21:21
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 18:30
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:33

Client ID: MW-4B **Lab ID:** A604984-03

Sampled: 10/06/06 10:27 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 10:27	10/07/06 10:00	10/7/2006 13:11
EPA 300.0	10/08/06 10:27	10/07/06 10:00	10/7/2006 13:11
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 13:11
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:34
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:42
EPA 6020	04/04/07	10/09/06 13:23	10/11/2006 00:07
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:40
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 21:34
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 19:29
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:34

Client ID: MW-9B **Lab ID:** A604984-04

Sampled: 10/06/06 15:06 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 15:06	10/07/06 10:00	10/7/2006 15:14
EPA 300.0	10/08/06 15:06	10/07/06 10:00	10/7/2006 15:14
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 15:14
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:45
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:43
EPA 6020	04/04/07	10/09/06 13:23	10/11/2006 00:14
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:43
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 21:46
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 19:59
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:45

Client ID: MW-10B **Lab ID:** A604984-05

Sampled: 10/06/06 13:44 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 13:44	10/07/06 10:00	10/7/2006 14:53
EPA 300.0	10/08/06 13:44	10/07/06 10:00	10/7/2006 14:53
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 14:53
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:38
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:45
EPA 6020	04/04/07	10/09/06 13:23	10/11/2006 00:21
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:46
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 21:59
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 20:29
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:38

Client ID: Supply Well **Lab ID:** A604984-06

Sampled: 10/06/06 17:02 **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/13/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/13/06	10/10/06 16:45	10/11/2006 08:46
EPA 300	10/08/06 17:02	10/07/06 10:00	10/7/2006 15:34
EPA 300.0	10/08/06 17:02	10/07/06 10:00	10/7/2006 15:34
EPA 300.0	11/03/06	10/07/06 10:00	10/7/2006 15:34
EPA 310.2	10/20/06	10/09/06 10:02	10/9/2006 12:39
EPA 350.1	11/03/06	10/10/06 10:43	10/10/2006 13:46
EPA 6020	04/04/07	10/09/06 13:23	10/11/2006 00:27
EPA 7470A	11/03/06	10/09/06 15:56	10/11/2006 09:49
EPA 8011	10/20/06	10/11/06 11:17	10/11/2006 22:11
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 20:58
SM 4500	10/20/06	10/09/06 10:02	10/9/2006 12:39

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Client ID: Trip Blank | **Lab ID:** A604984-07

Sampled: 10/06/06 00:00 | **Received:** 10/07/06 09:25

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	10/20/06	10/13/06 13:14	10/13/2006 21:28

SAMPLE DETECTION SUMMARY

Client ID: MW-1B	Lab ID: A604984-01			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Antimony	2 I	5	ug/L	EPA 6020
Bicarbonate as CaCO3	96	10	mg/L	SM 4500
Chloride	9.21	1.00	mg/L	EPA 300.0
Iron	37 I	100	ug/L	EPA 6020
Methylene chloride	2.0 I	2.0	ug/L	EPA 8260B
Nitrate as N	3.52	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	3.52	0.100	mg/L	EPA 300
Sodium	5490	500	ug/L	EPA 6020
Total Alkalinity	96	10	mg/L	EPA 310.2
Total Dissolved Solids	178	10	mg/L	EPA 160.1
Total Suspended Solids	7	3	mg/L	EPA 160.2
Client ID: MW-3B	**Lab ID: A604984-02**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Bicarbonate as CaCO3	146	10	mg/L	SM 4500
Chloride	5.67	1.00	mg/L	EPA 300.0
Nitrate as N	0.491	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	0.491	0.100	mg/L	EPA 300
Sodium	4140	500	ug/L	EPA 6020
Total Alkalinity	146	10	mg/L	EPA 310.2
Total Dissolved Solids	182	10	mg/L	EPA 160.1
Client ID: MW-4B	**Lab ID: A604984-03**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Bicarbonate as CaCO3	106	10	mg/L	SM 4500
Chloride	5.51	1.00	mg/L	EPA 300.0
Iron	132	100	ug/L	EPA 6020
Methylene chloride	2.0 I	2.0	ug/L	EPA 8260B
Nitrate as N	0.467	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	0.467	0.100	mg/L	EPA 300
Sodium	5000	500	ug/L	EPA 6020
Toluene	0.25 I	1.0	ug/L	EPA 8260B
Total Alkalinity	106	10	mg/L	EPA 310.2
Total Dissolved Solids	152	10	mg/L	EPA 160.1
Total Suspended Solids	10	3	mg/L	EPA 160.2
Client ID: MW-9B	**Lab ID: A604984-04**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Bicarbonate as CaCO3	143	10	mg/L	SM 4500
Chloride	7.29	1.00	mg/L	EPA 300.0
Methylene chloride	2.0 I	2.0	ug/L	EPA 8260B
Nitrate as N	1.59	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	1.59	0.100	mg/L	EPA 300

Sodium	4540	500	ug/L	EPA 6020
Total Alkalinity	143	10	mg/L	EPA 310.2
Total Dissolved Solids	162	10	mg/L	EPA 160.1
Client ID: MW-10B	**Lab ID: A604984-05**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Ammonia as N	0.09	0.02	mg/L	EPA 350.1
Bicarbonate as CaCO3	86	10	mg/L	SM 4500
Chloride	6.86	1.00	mg/L	EPA 300.0
Iron	201	100	ug/L	EPA 6020
Methylene chloride	1.8 I	2.0	ug/L	EPA 8260B
Nickel	3.9	10	ug/L	EPA 6020
Nitrate as N	1.02	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	1.02	0.100	mg/L	EPA 300
Sodium	4730	500	ug/L	EPA 6020
Total Alkalinity	86	10	mg/L	EPA 310.2
Total Dissolved Solids	130	10	mg/L	EPA 160.1
Client ID: Supply Well	**Lab ID: A604984-06**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Bicarbonate as CaCO3	97	10	mg/L	SM 4500
Chloride	7.65	1.00	mg/L	EPA 300.0
Methylene chloride	1.8 I	2.0	ug/L	EPA 8260B
Nitrate as N	2.65	0.050	mg/L	EPA 300.0
Nitrate/Nitrite as N	2.65	0.100	mg/L	EPA 300
Sodium	4740	500	ug/L	EPA 6020
Total Alkalinity	97	10	mg/L	EPA 310.2
Total Dissolved Solids	172	10	mg/L	EPA 160.1

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

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Friday, October 20, 2006

Tetra Tech HAI, Inc. (HA005)
Attn: Jennifer Deal
201 E. Pine St. Suite 1000
Orlando, FL 32801

RE: Project Number: 99.0331.029, Project Name/Desc: Enterprise Road Landfill
ENCO Workorder: A604982

Dear Jennifer Deal,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, October 6, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Ronald Wambles
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 26.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5A **Lab ID:** A604982-01

Sampled: 10/05/06 15:51 **Received:** 10/06/06 16:10

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/12/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/12/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/07/06 15:51	10/06/06 12:00	10/7/2006 04:06
EPA 300.0	11/02/06	10/06/06 12:00	10/7/2006 04:06
EPA 310.2	10/19/06	10/09/06 10:05	10/9/2006 16:08
EPA 350.1	11/02/06	10/09/06 16:45	10/10/2006 13:05
EPA 6020	04/03/07	10/09/06 13:23	10/10/2006 19:35
EPA 7470A	11/02/06	10/09/06 15:56	10/11/2006 08:47
EPA 8011	10/19/06	10/11/06 11:17	10/11/2006 20:19
EPA 8260B	10/19/06	10/12/06 13:32	10/12/2006 18:58
SM 4500	10/19/06	10/09/06 10:05	10/9/2006 16:08

Client ID: MW-6 **Lab ID:** A604982-02

Sampled: 10/05/06 13:32 **Received:** 10/06/06 16:10

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/12/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/12/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/07/06 13:32	10/06/06 12:00	10/7/2006 04:27
EPA 300.0	11/02/06	10/06/06 12:00	10/7/2006 04:27
EPA 310.2	10/19/06	10/09/06 10:05	10/9/2006 16:09
EPA 350.1	11/02/06	10/09/06 16:45	10/10/2006 13:06
EPA 6020	04/03/07	10/09/06 13:23	10/10/2006 23:40
EPA 7470A	11/02/06	10/09/06 15:56	10/11/2006 08:50
EPA 8011	10/19/06	10/11/06 11:17	10/11/2006 20:44
EPA 8260B	10/19/06	10/12/06 13:32	10/12/2006 19:27
SM 4500	10/19/06	10/09/06 10:05	10/9/2006 16:09

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Client ID: MW-7A **Lab ID:** A604982-03

Sampled: 10/05/06 11:37 **Received:** 10/06/06 16:10

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/12/06	10/09/06 17:10	10/10/2006 17:10
EPA 160.2	10/12/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/07/06 11:37	10/06/06 12:00	10/7/2006 04:47
EPA 300.0	11/02/06	10/06/06 12:00	10/7/2006 04:47
EPA 310.2	10/19/06	10/09/06 10:05	10/9/2006 16:10
EPA 350.1	11/02/06	10/09/06 16:45	10/10/2006 13:12
EPA 6020	04/03/07	10/09/06 13:23	10/10/2006 23:47
EPA 7470A	11/02/06	10/09/06 15:56	10/11/2006 08:53
EPA 8011	10/19/06	10/11/06 11:17	10/11/2006 20:56
EPA 8260B	10/19/06	10/12/06 13:32	10/12/2006 19:57
SM 4500	10/19/06	10/09/06 10:05	10/9/2006 16:10

SAMPLE DETECTION SUMMARY

Client ID: MW-5A	Lab ID: A604982-01			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Antimony	2 I	5	ug/L	EPA 6020
Barium	20 I	100	ug/L	EPA 6020
Bicarbonate as CaCO3	7 I	10	mg/L	SM 4500
Chloride	5.53	1.00	mg/L	EPA 300.0
Chromium	6.6 I	10	ug/L	EPA 6020
Iron	1330	100	ug/L	EPA 6020
Nitrate as N	0.790	0.050	mg/L	EPA 300.0
Sodium	4290	500	ug/L	EPA 6020
Total Alkalinity	7 I	10	mg/L	EPA 310.2
Total Dissolved Solids	104	10	mg/L	EPA 160.1
Total Suspended Solids	73	3	mg/L	EPA 160.2
Client ID: MW-6	**Lab ID: A604982-02**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Acetone	2.6 I	5.0	ug/L	EPA 8260B
Antimony	2 I	5	ug/L	EPA 6020
Bicarbonate as CaCO3	6 I	10	mg/L	SM 4500
Chloride	9.62	1.00	mg/L	EPA 300.0
Copper	4 I	5	ug/L	EPA 6020
Iron	144	100	ug/L	EPA 6020
Nitrate as N	0.261	0.050	mg/L	EPA 300.0
Sodium	6270	500	ug/L	EPA 6020
Total Alkalinity	6 I	10	mg/L	EPA 310.2
Total Dissolved Solids	76	10	mg/L	EPA 160.1
Total Suspended Solids	6	3	mg/L	EPA 160.2
Client ID: MW-7A	**Lab ID: A604982-03**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Antimony	2 I	5	ug/L	EPA 6020
Bicarbonate as CaCO3	10	10	mg/L	SM 4500
Chloride	4.63	1.00	mg/L	EPA 300.0
Chromium	15	10	ug/L	EPA 6020
Copper	4 I	5	ug/L	EPA 6020
Iron	262	100	ug/L	EPA 6020
Nickel	6.2	10	ug/L	EPA 6020
Nitrate as N	0.310	0.050	mg/L	EPA 300.0
Sodium	2470	500	ug/L	EPA 6020
Total Alkalinity	10	10	mg/L	EPA 310.2
Total Dissolved Solids	44	10	mg/L	EPA 160.1
Total Suspended Solids	4	3	mg/L	EPA 160.2

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

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Monday, October 16, 2006

Tetra Tech HAI, Inc. (HA005)
Attn: Jennifer Deal
201 E. Pine St. Suite 1000
Orlando, FL 32801

RE: Project Number: 99.0331.029, Project Name/Desc: Enterprise Road Landfill
ENCO Workorder: A604792

Dear Jennifer Deal,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, October 5, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Ronald Wambles For Not Assigned
Unassigned PM

Enclosure(s)

The total number of pages in this report, including this page is 27.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5B **Lab ID:** A604792-01

Sampled: 10/04/06 13:53 **Received:** 10/05/06 09:50

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/11/06	10/05/06 17:00	10/6/2006 14:00
EPA 160.2	10/11/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/06/06 13:53	10/05/06 13:03	10/5/2006 17:52
EPA 300.0	11/01/06	10/05/06 13:03	10/5/2006 17:52
EPA 310.2	10/18/06	10/09/06 10:02	10/9/2006 12:14
EPA 350.1	11/01/06	10/05/06 12:02	10/5/2006 16:56
EPA 6020	04/02/07	10/05/06 13:40	10/6/2006 19:33
EPA 6020	04/02/07	10/05/06 13:40	10/7/2006 14:05
EPA 7470A	11/01/06	10/09/06 15:56	10/11/2006 08:22
EPA 8011	10/18/06	10/11/06 11:17	10/11/2006 17:49
EPA 8260B	10/18/06	10/06/06 13:33	10/7/2006 04:32
SM 4500	10/18/06	10/09/06 10:02	10/9/2006 12:14

Client ID: MW-7B **Lab ID:** A604792-02

Sampled: 10/04/06 16:52 **Received:** 10/05/06 09:50

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/11/06	10/05/06 17:00	10/6/2006 14:00
EPA 350.1	11/01/06	10/05/06 12:02	10/5/2006 17:00

Client ID: MW-8B **Lab ID:** A604792-03

Sampled: 10/04/06 15:32 **Received:** 10/05/06 09:50

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/11/06	10/05/06 17:00	10/6/2006 14:00
EPA 160.2	10/11/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/06/06 15:32	10/05/06 13:03	10/5/2006 18:33
EPA 300.0	11/01/06	10/05/06 13:03	10/5/2006 18:33
EPA 310.2	10/18/06	10/09/06 10:02	10/9/2006 12:18
EPA 350.1	11/01/06	10/05/06 12:02	10/5/2006 17:02
EPA 6020	04/02/07	10/05/06 13:40	10/6/2006 19:47
EPA 7470A	11/01/06	10/09/06 15:56	10/11/2006 08:28
EPA 8011	10/18/06	10/11/06 11:17	10/11/2006 19:29
EPA 8260B	10/18/06	10/06/06 13:33	10/7/2006 05:02
SM 4500	10/18/06	10/09/06 10:02	10/9/2006 12:18

Client ID: EQB **Lab ID:** A604792-04

Sampled: 10/04/06 12:25 **Received:** 10/05/06 09:50

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.1	10/11/06	10/05/06 17:00	10/6/2006 14:00
EPA 160.2	10/11/06	10/09/06 14:30	10/10/2006 14:28
EPA 300.0	10/06/06 12:25	10/05/06 13:03	10/5/2006 19:55
EPA 300.0	11/01/06	10/05/06 13:03	10/5/2006 19:55
EPA 310.2	10/18/06	10/09/06 10:02	10/9/2006 12:19
EPA 350.1	11/01/06	10/05/06 12:02	10/5/2006 17:05
EPA 6020	04/02/07	10/05/06 13:40	10/6/2006 17:53
EPA 7470A	11/01/06	10/09/06 15:56	10/11/2006 08:31
EPA 8011	10/18/06	10/11/06 11:17	10/11/2006 19:41
EPA 8260B	10/18/06	10/06/06 13:33	10/7/2006 05:32
SM 4500	10/18/06	10/09/06 10:02	10/9/2006 12:19

SAMPLE DETECTION SUMMARY

Client ID: MW-5B	Lab ID: A604792-01			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Bicarbonate as CaCO3	121	10	mg/L	SM 4500
Chloride	6.10	1.00	mg/L	EPA 300.0
Iron	142	100	ug/L	EPA 6020
Nickel	3.0	10	ug/L	EPA 6020
Nitrate as N	0.613	0.050	mg/L	EPA 300.0
Selenium	2 I	10	ug/L	EPA 6020
Sodium	3610	500	ug/L	EPA 6020
Total Alkalinity	121	10	mg/L	EPA 310.2
Total Dissolved Solids	172	10	mg/L	EPA 160.1
Total Suspended Solids	14	3	mg/L	EPA 160.2
Vanadium	10	10	ug/L	EPA 6020
Client ID: MW-7B	**Lab ID: A604792-02**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Ammonia as N	0.4	0.02	mg/L	EPA 350.1
Total Dissolved Solids	128	10	mg/L	EPA 160.1
Client ID: MW-8B	**Lab ID: A604792-03**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Antimony	4 I	5	ug/L	EPA 6020
Barium	47 I	100	ug/L	EPA 6020
Bicarbonate as CaCO3	201	10	mg/L	SM 4500
Chloride	6.51	1.00	mg/L	EPA 300.0
Nitrate as N	0.719	0.050	mg/L	EPA 300.0
Sodium	4900	500	ug/L	EPA 6020
Total Alkalinity	201	10	mg/L	EPA 310.2
Total Dissolved Solids	240	10	mg/L	EPA 160.1
Vanadium	2.7 I	10	ug/L	EPA 6020
Client ID: EQB	**Lab ID: A604792-04**			
Analyte	**Results/Qual**	**MRL**	**Units**	**Method**
Antimony	3 I	5	ug/L	EPA 6020
Bicarbonate as CaCO3	3 I	10	mg/L	SM 4500
Selenium	2 I	10	ug/L	EPA 6020
Total Alkalinity	3 I	10	mg/L	EPA 310.2
Total Dissolved Solids	12	10	mg/L	EPA 160.1

CASE NARRATIVE

Date: March 5, 2007

Client: Tetra Tech HAI, Inc.

Project #: Enterprise Road Landfill

Lab ID: A605168

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by Environmental Conservation Laboratories, Inc. will be discussed in the QC Remarks section below.

Quality Control Remarks

Sample "MW-7B" was analyzed outside of EPA specified hold time for alkalinity, volatiles, nitrite, nitrate, and tss. Although it is not anticipated results are significantly biased the actual effects of exceeding hold time cannot be assessed. Results should be utilized with caution.

Nitrite/Nitrate analyzed Oct. 19th (13 days outside of hold time)
8260 analyzed Oct. 20th (2 days outside of hold time)
Alkalinity analyzed Oct. 24th (6 days outside of hold time)

Other Comments

None

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative. Should there be any questions regarding this package, please feel free to contact the undersigned for additional information.

Released By:
Environmental Conservation Laboratories, Inc.

Matthew Foti, Ph.D.
2007.03.05 17:31:04 -05'00'

Matthew Foti, Ph.D.
Laboratory Manager

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

www.encolabs.com

Wednesday, March 7, 2007

Tetra Tech HAI, Inc. (HA005)

Attn: Jennifer Deal

201 E. Pine St. Suite 1000

Orlando, FL 32801

RE: Project Number: 99.0331.029, Project Name/Desc: Enterprise Road Landfill
ENCO Workorder: A605168

Dear Jennifer Deal,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, October 18, 2006.

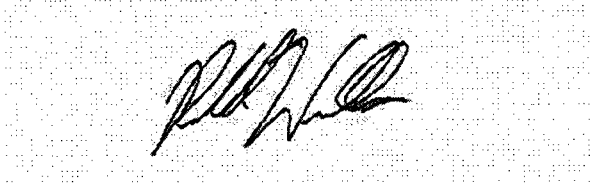
Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,



Ronald Wambles For Not Assigned

Unassigned PM

Enclosure(s)

The total number of pages in this report, including this page is 16.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7B **Lab ID:** A605168-01

Sampled: 10/04/06 16:52 **Received:** 10/18/06 17:17

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 160.2	10/11/06	10/20/06 10:23	10/20/2006 14:45
EPA 300.0	10/06/06 16:52	10/19/06 10:05	10/19/2006 17:19
EPA 300.0	11/01/06	10/19/06 10:05	10/19/2006 17:19
EPA 310.1	10/18/06	10/24/06 12:30	10/24/2006 12:30
EPA 6020	04/02/07	10/19/06 12:00	10/22/2006 22:11
EPA 6020	04/02/07	10/19/06 12:00	10/23/2006 19:54
EPA 7470A	11/01/06	10/19/06 11:56	10/20/2006 08:24
EPA 8011	10/18/06 10/22/06 00:00	10/21/06 16:40	10/23/2006 14:21
EPA 8260B	10/18/06	10/19/06 12:45	10/20/2006 08:16
SM 4500 CO2/D	10/18/06	10/24/06 11:31	10/24/2006 12:30

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SAMPLE DETECTION SUMMARY

Client ID: MW-7B **Lab ID:** A605168-01

Analyte	Results/Qual	MRL	Units	Method
Bicarbonate as CaCO3	20	2.0	mg/L	SM 4500 CO2/D
Chloride	6.0	1.0	mg/L	EPA 300.0
Nitrate as N	1.1 Q	0.050	mg/L	EPA 300.0
Nitrite as N	0.11 Q	0.050	mg/L	EPA 300.0
Selenium	5.37 I	10.0	ug/L	EPA 6020
Sodium	3.91	0.500	mg/L	EPA 6020
Total Alkalinity	51 Q	2.0	mg/L	EPA 310.1
Vanadium	14.9	10.0	ug/L	EPA 6020

NOTES AND DEFINITIONS

D	Data reported from a dilution
I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
U	Analyte included in the analysis, but not detected

NOTES AND DEFINITIONS

I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QL-01	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1	Water	NELAC	E83182
Alkalinity 310.2	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7470A	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Nitrite as N 300	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
TSS 160.2	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1	Water	NELAC	E83182
Alkalinity 310.2	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7470A	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Nitrite as N 300	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
TSS 160.2	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182

NOTES AND DEFINITIONS

I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
Q	Analysis performed outside of method - specified holding time.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1	Water	NELAC	E83182
Alkalinity 310.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7470A	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Nitrite as N 300	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
TSS 160.2	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-1	SAMPLE ID: MW-1	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .5" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 39.77'	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

1 Well Vol = (~~56.00~~ 37.20 feet – ~~39~~ 2977' feet) X .16 gallons/foot = 1.1888 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

No Samples

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES: H. L. Claytor	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-1	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:

No access to MW-1. Well is located in an area inaccessible by vehicle. Carried equipment/meters to well, however, is too far from power source to run ESP. Will return later when accessible.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

18.00
1.00
5.000
.5

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-1B	SAMPLE ID: MW-1B	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .5" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 107.24'	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

1 Well Vol = (116.00' feet – 107.24' feet) X .16 gallons/foot = 1.4016 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~109'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~109'	PURGING INITIATED AT: 1131	PURGING ENDED AT: 1217	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1213	16.5	16.5	.5	107.24	7.67	24.63	.272	4.45	12.2	Clear	None
1215	1.0	17.5	.5	107.24	7.63	24.65	.271	4.36	9.36	Clear	None
1217	1.0	18.5	.5	107.24	7.63	24.65	.271	4.36	6.63	Clear	None
									No Sheen		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1217	SAMPLING ENDED AT: 1222
PUMP OR TUBING DEPTH IN WELL (feet): ~109'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-1B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:

1131: Inserted ESP and new 3/8" PE tubing to ~109' btoc and began purging @ .125 gpm.

1136: WL 107.25' @ .125 gpm, GW is extremely turbid.

1139: Increased flow to .5 gpm to clean up turbidity.

1149: Decreased flow to .125 gpm, GW is cleaning up. No drawdown

1153: WL 107.25'; Turbidity is coming up @ lower flowrate, increased flow to .5 gpm

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

No Drawdown, WL 107.24 @ .5 gpm.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-3A	SAMPLE ID: MW-3A	DATE: 10/5/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): 1/4" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (14.53' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

Dry Well

No Samples

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-3A	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	PP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	PP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	PP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	PP

REMARKS:

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-3B	SAMPLE ID: MW-3B	DATE:

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): ~~3/8"~~ 1/4" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.33'	PURGE PUMP TYPE OR BAILER: ~~ESP~~ PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (43.90 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) 1 Equip Vol = 0 gallons + (.0026 gallons/foot X 45 feet) + .125 gallons = .242 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~40'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~40'	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0914	TOTAL VOLUME PURGED (gallons): ~~0.96~~ 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0910	.8	.8	.08	12.34	7.36	23.38	.300	1.98	4.55	Clear	None
0912	.16	.96	.08	12.34	7.36	23.42	.300	1.97	3.15	Clear	None
0914	.16	1.12	.08	12.34	7.37	23.44	.299	1.95	2.45	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, T/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0915	SAMPLING ENDED AT: 0925
PUMP OR TUBING DEPTH IN WELL (feet): ~40'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-3B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	~~ESP~~ APP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	~~ESP~~ RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	~~ESP~~ RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	~~ESP~~ APP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	~~ESP~~ APP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	~~ESP~~ APP

REMARKS:
0900. Inserted new 1/4" PE tubing attached to a PP to ~40' btoc and began purging @ .08 gpm.

0904: WL 12.35' @ .08 gpm, GW is clear

0907: WL 12.35' @ .08 gpm, drawdown is stable.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: ~~MW-10~~ MW-4A	SAMPLE ID: ~~MW-10~~ MW-4A	DATE: 10/5/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): ~~5/8" RE~~ 1/4" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 21.40'	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

1 Well Vol = (~~37.70'~~ 26.67' feet – 21.40' feet) X .16 gallons/foot = .843 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

No Samples Dry Well

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-10	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:
1633: Inserted new 1/4" PE tubing attached to a PP to ~ 22.5' btoc and began purging @ .02 gpm.
1630: WL 22.33' @ .02 gpm, can pump no slower. Well is slowly drawing down.
1639: WL 23.10' @ .02 gpm, GW is slightly turbid.
1642: WL 23.37' @ .02 gpm, still slowly drawing down. GW is turbid.
1653: WL in well has drawn down below screened interval @ .02 gpm. Consider this a dry well.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-4B	SAMPLE ID: MW-4B	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): 3/8" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 33.40	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (59.52 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
1 EquipVol = .2 gallons + (.006 gallons/foot X 60 feet) + .125 gallons = .685 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~55'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~55'	PURGING INITIATED AT: 0952	PURGING ENDED AT: 1019	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1015	1.86	1.86	.06	33.41	7.66	23.95	.227	2.09	15.4	Clear	None
1017	.12	1.98	.06	33.41	7.66	24.02	.226	2.15	14.9	Clear	None
1019	.12	2.10	.06	33.41	7.65	24.03	.226	2.02	13.3	Clear	None
								No sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1027
PUMP OR TUBING DEPTH IN WELL (feet): ~55'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-4B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:
0952: Inserted new 3/8" PE tubing and SS ESP to ~55' stoc and began purging @ .1 gpm.
0959: WL 33.41' @ .1 gpm, GW is slightly turbid @ 36 NTU's.
1004: Reduced flow to .06 gpm to clear up turbidity.
1009: WL 33.41' @ .06 gpm, turbidity @ 25 NTU's. No drawdown.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

.04
.90
.96
.39
.875

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-5A	SAMPLE ID: MW-5A	DATE: 10/5/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .25" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 15.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (30.50' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
1 Equip Vol = 0 gallons + (.0026 gallons/foot X 30' feet) + .125 gallons = .203 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~25'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~25'	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1427	1.17	1.17	.03	17.04'	5.08	26.32	.102	2.58	23.0	Clear	None
1430	.09	1.26	.03	17.11'	5.09	26.41	.103	2.57	36.3	Clear	None
~~1433~~	~~.09~~	~~1.35~~	~~.03~~							~~Clear~~	~~None~~
1529		3.735	.02	20.04'	4.95	27.21	.088	2.43	4.81	Clear	None
1531	.04	3.805	.02	20.04'	4.95	27.25	.091	2.65	4.50	Clear	None
1533	.04	3.865	.02	20.05'	4.92	27.30	.090	2.67	1.85	Clear	None
								No Sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1534	SAMPLING ENDED AT: 1551
PUMP OR TUBING DEPTH IN WELL (feet): ~25'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-5A	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	PP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	PP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	PP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	PP

REMARKS:
1408: Inserted new 1/4" PE tubing attached to a PP to ~ 25' & to c and began purging @ .05 gpm.
1414: WL 16.50' @ .05 gpm, GW is clear. Well is drawing down.
1420: WL 16.95' @ .05 gpm, still drawing down. Reduced flow to .03 gpm.
1424: WL 17.00' @ .03 gpm (w slow as pump will go).

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection (WR)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

.96
.00
.04

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: ~~NA~~ MW-5B	SAMPLE ID: ~~EQB~~ MW-5B	DATE: 10/4/06

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 13.34	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (51.00' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
1 Equip Vol = .2 gallons + (.006 gallons/foot X 52' feet) + .125 gallons = 1643 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~48'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~48'	PURGING INITIATED AT: 1311	PURGING ENDED AT: 1346	TOTAL VOLUME PURGED (gallons): 5.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1337	4.60	4.60	.08	18.42	7.49	24.55	.261	2.43	29.2	Clear	None
1340	.24	4.84	.08	18.42	7.50	25.12	.259	2.58	21.5	Clear	None
1343	.24	5.08	.08	18.42	7.51	24.96	.260	2.48	20.2	Clear	None
1346	.24	5.32	.08	18.42	7.51	25.05	.258	2.64	16.1	Clear	None
								No Sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1347	SAMPLING ENDED AT: 1353
PUMP OR TUBING DEPTH IN WELL (feet): ~48'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
~~MW-5B EQB~~	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	~~PP~~ ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	~~RFPP~~ ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	~~RFPP~~ ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	~~PP~~ ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	~~PP~~ ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	~~PP~~ ESP

REMARKS:
1311: Inserted ESP and new 3/8" PE tubing to ~48' stick and began purging @ .08 gpm.
1315: WL 18.41' @ .08 gpm, GW is turbid.
1319: WL 18.41' @ .08 gpm, GW is still turbid. Will purge until clear.
1323. Increased flow to .5 gpm to attempt to clear up turbidity.
1329: GW is clearing up, reduced flow to .08 gpm.
1332: WL 18.42', drawdown is stable.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

1.52
.48

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-6	SAMPLE ID: MW-6	DATE: 10/5/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .25" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 20.94'	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
1WellVol = (30.50' feet – 20.94 feet) X .16 gallons/foot = 1.5296 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~23'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~25'	PURGING INITIATED AT: 1224	PURGING ENDED AT: 1259	TOTAL VOLUME PURGED (gallons): 2.16

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1255	.2	2	.04	24.63	4.78	27.30	.054	3.11	8.29	Clear	None
1252	.08	2.08	.04	24.75	4.77	27.41	.093	3.12	9.42	Clear	None
1259	.03	2.16	.04	24.86	4.80	27.58	.094	3.09	10.08	Clear	None
								No sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1332
PUMP OR TUBING DEPTH IN WELL (feet): ~25'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-6	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	PP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	PP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	PP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	PP

REMARKS:

1224: Inserted new 1/4" PE tubing attached to a PP to ~23' btoc and began purging @ .08 gpm.

1228: WL 22.50' @ .08 gpm, GW is clear.

1234: WL 22.80' @ .08 gpm, lowered tubing to ~24' btoc.

1239: WL 23.60' @ .08 gpm, still drawing down, lowered tubing to ~25' btoc. 1243: Reduced flow to .04 gpm to control drawdown. (over)

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-7A	SAMPLE ID: MW-7A	DATE: 10/5/04

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .25" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 33.35	PURGE PUMP TYPE OR BAILER: ~~PP~~ ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(Well Vol = (~~37.50'~~ 45.85 feet – 33.35 feet) X .16 gallons/foot = 2 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~35'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~37'	PURGING INITIATED AT: 1038	PURGING ENDED AT: 1124	TOTAL VOLUME PURGED (gallons): 3.42

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1120	3.26	3.26	.04	36.46	5.28	28.43	.049	1.98	15.2	Clear	None
1122	.03	3.34	.04	36.46	5.27	28.34	.047	1.77	14.6	Clear	None
1124	.08	3.42	.04	36.45	5.23	28.25	.045	1.91	13.1	Clear	None
								No sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1137
PUMP OR TUBING DEPTH IN WELL (feet): ~37'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-7A	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	~~PP~~ ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	~~RFPP~~ ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	~~RFPP~~ ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	~~PP~~ ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	~~PP~~ ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	~~PP~~ ESP

REMARKS:
1038: Inserted SS ESP and new 3/8" PE tubing to ~35' btoc and began purging @ .125 gpm.
1042: WL 35.65' @ .125 gpm, lowered pump to ~37' btoc and reduced flow to .08 gpm.
1047: WL 35.69 @ .08 gpm, GW is turbid (milky white), will purge until clear. ~~VOC 37243~~ 1051: WL 35.93' @ .08 gpm, still drawing down. (over)

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-7B	SAMPLE ID: MW-7B	DATE: 10/4/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .25" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 34.16	PURGE PUMP TYPE OR BAILER: ~~PP~~ ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (63.00' feet – 34.16' feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

1 Equip Vol = .2 gallons + (.006 gallons/foot X 65' feet) + .125 gallons = .715 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~60'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~60'	PURGING INITIATED AT: 1623	PURGING ENDED AT: 1644	TOTAL VOLUME PURGED (gallons): 4.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1629	1.20	1.20	.20	34.51'	8.31	24.92	.140	.80	3.05	Clear	None
1632	.60	1.80	.20	34.50	9.23	24.83	.142	.73	4.51	Clear	None
1633	.60	2.40	.20	34.50	10.33	24.83	.196	.69	2.34	Clear	None
1638	.60	3.0	.20	34.50	10.79	24.82	.358	.74	.99	Clear	None
1641	.60	3.6	.20	34.50	10.86	24.90	.363	.75	.35	Clear	None
1644	.60	4.2	.20	34.50	10.86	24.76	.352	.84	.94	Clear	None
								No sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1645	SAMPLING ENDED AT: 1652
PUMP OR TUBING DEPTH IN WELL (feet): ~60'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y / N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-7B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	PP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	PP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	PP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	PP

REMARKS:

1623. Inserted SS ESP and new 3/8" PE tubing to ~60' btoc and began purging @ .2 gpm.

1625: WL 34.53' @ .2 gpm, GW is clear.

1628: WL 34.51' @ .2 gpm, drawdown is stable.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-8	SAMPLE ID: MW-8	DATE: 10/4/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .5" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 35.37	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (35.95 feet – 35.37 feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

Dry Well
No samples

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-8	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:
Well is dry. Less than 6" of water in well. Well is constructed with a 2' sump.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

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Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-8B	SAMPLE ID: MW-8B	DATE: 10/4/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .5" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 40.99	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
1Well Vol = (52.55 feet – 40.99 feet) X .16 gallons/foot = 2.6496 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~42'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~42'	PURGING INITIATED AT: 1508	PURGING ENDED AT: 1524	TOTAL VOLUME PURGED (gallons): 3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1520	2.7	2.7	.3	41.05	7.10	25.69	.374	.20	.32	Clear	None
1522	.6	3.3	.3	41.05	7.08	25.53	.381	.16	.14	Clear	None
1524	.6	3.9	.3	41.05	7.07	25.45	.389	.15	.22	Clear	None
								No Sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1532
PUMP OR TUBING DEPTH IN WELL (feet): ~42'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-8B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:
1508: Inserted ESP and new 3/8" PE tubing to ~42' btoc and began purging @ .12gpm
1512: WL 41.02' @ .12gpm, GW is clear.
1513: Increased flow rate to .3 gpm.
1518: WL 41.05' @ .03 gpm, drawdown is stable.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-9	SAMPLE ID: MW-9	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): 3/8" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (29.77 ' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

Dry Well

No Samples

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-9	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Enterprise Road Landfill 99.0331.029	SITE LOCATION:	Dade City, FL
WELL NO:	MW-9B	SAMPLE ID:	MW-9B
DATE:	10/4/06		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2" PVC	.5" PE		42.10	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

1 Well Vol = (50.00' feet – 42.10 feet) X .16 gallons/foot = 1.264 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~43'	~43'	1420	1452	10.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1443	8.4	8.4	.3	42.43	7.47	25.33	.230	5.25	2.87	Clear	None
1450	.9	9.3	.3	42.43	7.46	25.16	.229	5.46	3.08	Clear	None
1452	.9	10.2	.3	42.43	7.46	24.96	.228	5.49	2.13	Clear	None
								No sheen			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
H. L. Claytor, Tt/HAI, Inc.		1454	1506
PUMP OR TUBING DEPTH IN WELL (feet): ~43'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-9B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:

1420. Inserted ESP and new 3/8" PE tubing to ~43' & toc and began purging @ .3 gpm.

1425: WL 42.43 @ .3 gpm, GW is turbid.

1438: WL 42.43 @ .3 gpm, GW is clearing up. Drawdown is stable.

1447: GW is clear. WL 42.43'.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-10	SAMPLE ID: MW-10	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): 3/8" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (37.70' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
				Dry Well							
				No Samples							

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-10	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: MW-10B	SAMPLE ID: MW-10B	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 2" PVC	TUBING DIAMETER (inches): .5" PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 42.37'	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (62.07' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

1 Equip Vol = .2 gallons + (.006 gallons/foot X 62 feet) + .125 gallons = .697 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~57'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~57'	PURGING INITIATED AT: 1323	PURGING ENDED AT: 1337	TOTAL VOLUME PURGED (gallons): 3.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1323	2.5	2.5	.25	42.39'	7.05	26.52	1179	.42	.92	Clear	None
1335	.5	3.0	.25	42.39'	7.11	26.43	.185	.55	.56	Clear	None
1337	.5	3.5	.25	42.39'	7.14	26.20	.186	.65	.49	Clear	None
							No sheen				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1338	SAMPLING ENDED AT: 1344
PUMP OR TUBING DEPTH IN WELL (feet): ~57'	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-10B	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	ESP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	ESP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	ESP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	ESP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	ESP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	ESP

REMARKS:
1323: Inserted new 3/8" PE tubing and set ESP to ~57' BTOC and began purging @ .25 gpm.
1328: WL 42.39' @ .25 gpm, GW is clear.
1330: WL 42.39' @ .25 gpm, drawdown is stable.
1332: WL 42.39' @ .25 gpm.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.027	SITE LOCATION: Dade City, FL	
WELL NO: Supply Well	SAMPLE ID: Supply Well	DATE: 10/6/06

PURGING DATA

WELL DIAMETER (inches): 4" SS	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): NA	PURGE PUMP TYPE OR BAILER: Spigot

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

NA = (62.07' feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

NA = gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): NA	FINAL PUMP OR TUBING DEPTH IN WELL (feet): NA	PURGING INITIATED AT: 1645	PURGING ENDED AT: 1657	TOTAL VOLUME PURGED (gallons): 10.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1653	10	10	.125	NA	7.20	24.16	.258	3.30	.29	Clear	None
1655	.25	10.25	.125	NA	7.66	24.05	.258	3.29	.48	Clear	None
1657	.25	10.50	.125	NA	7.63	24.10	.255	3.27	.13	Clear	None
									No Sheen		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1658	SAMPLING ENDED AT: 1702
PUMP OR TUBING DEPTH IN WELL (feet): NA	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
Supply Well	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	Spigot
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	Spigot
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	Spigot
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	Spigot
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	Spigot
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	Spigot

REMARKS:
Purged ~10 gallons from lines between well head and ~~storage~~ storage tank before starting field parameter measurements.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Enterprise Road Landfill 99.0331.029	SITE LOCATION: Dade City, FL	
WELL NO: ~~MW-6B~~ EQB	SAMPLE ID: ~~MW-6B~~ EQB	DATE: 10/4/06

PURGING DATA

WELL DIAMETER (inches): ~~2"~~ PVC	TUBING DIAMETER (inches): ~~2"~~ PE	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (~~54.89'~~ feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
				DI Water							

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Tt/HAI, Inc.	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1218	SAMPLING ENDED AT: 1225
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): VOC's <100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
~~EQB MW-6B~~	1	PE	500 mL	None	NONE	---	Bicarb,Chloride, Nitrate Nitrite, TDS	PP
"	3	CG	40 mL	HCl	NONE	---	8260 – App I Low	RFPP
"	2	CG	40 mL	None	NONE	---	8011 (EDB/DBCP)	RFPP
"	1	PE	250 mL	H2SO4	NONE	---	Ammonia	PP
"	1	PE	250 mL	HNO3	NONE	---	Sb,Tl	PP
"	1	PE	250 mL	HNO3	NONE	---	Fe,Hg,As,Ba,Be, Cd,Cr,Co,Cu,Pb, Ni,Se,Ag,V, Zn,Na	PP

REMARKS:
Deconed 5 gallon PE bucket and ESP/WL probe. Inserted ESP and WL probe in 5 gallon bucket and poured in 1 gallon of DI water supplied by Enco Labs. Circulated DI water through pump and over WL probe for ~ 2 minutes. Collected sample from 5 gallon bucket.

Notes: 1) Used a graduated 5 gallon bucket and timed to measure purge volumes
2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)y

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3) pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

APPENDIX C

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ANALYTICAL REPORT

Sample ID:	MW-1B	Project:	Enterprise Road Landfill
Lab #:	A604984-01	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane PQL 2 OK	96-18-4	0.34 U	0.34 0.02	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile PQL 20 OK	107-13-1	1.7 U	1.7 0.06	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81 NE	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	**2.0** I	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-1B	Project:	Enterprise Road Landfill
Lab #:	A604984-01	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61 NE	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54	50.0	109 %	57.1-125
Dibromofluoromethane	1868-53-7	56	50.0	112 %	49.8-137
Toluene-d8	2037-26-5	56	50.0	111 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-1B	Project:	Enterprise Road Landfill
Lab #:	A604984-01	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.183	0.250	73 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-1B
Lab #: A604984-01

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**2** I	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	**37** I	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**5490**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-1B
Lab #: A604984-01

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003 U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**96**	2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**9.21**	0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**3.52**	0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**3.52**	0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007 U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**96**	2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**178**	10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	**7**	3	3	mg/L	EPA 160.2	NO PREP	6J10022

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ANALYTICAL REPORT

Sample ID:	MW-3B	Project:	Enterprise Road Landfill
Lab #:	A604984-02	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-3B	Project:	Enterprise Road Landfill
Lab #:	A604984-02	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49	50.0	99 %	57.1-125
Dibromofluoromethane	1868-53-7	52	50.0	103 %	49.8-137
Toluene-d8	2037-26-5	51	50.0	101 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-3B	Project:	Enterprise Road Landfill
Lab #:	A604984-02	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.163	0.250	65 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-3B
Lab #: A604984-02

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	36 U	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4140**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-3B
Lab #: A604984-02

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**146**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**5.67**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**0.491**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**0.491**		0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**146**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**182**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	3	U	3	3	mg/L	EPA 160.2	NO PREP	6J10022

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ANALYTICAL REPORT

Sample ID:	MW-4B	Project:	Enterprise Road Landfill
Lab #:	A604984-03	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	**2.0 I**	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-4B	Project:	Enterprise Road Landfill
Lab #:	A604984-03	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	**0.25** I	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	106 %	57.1-125
Dibromofluoromethane	1868-53-7	54	50.0	108 %	49.8-137
Toluene-d8	2037-26-5	55	50.0	111 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-4B	Project:	Enterprise Road Landfill
Lab #:	A604984-03	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.178	0.250	71 %	60-140

ANALYTICAL REPORT

Sample ID: MW-4B
Lab #: A604984-03

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	**132**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**5000**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-4B
Lab #: A604984-03

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**106**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**5.51**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**0.467**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**0.467**		0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**106**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**152**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	**10**		3	3	mg/L	EPA 160.2	NO PREP	6J10022

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ANALYTICAL REPORT

Sample ID:	MW-5A	Project:	Enterprise Road Landfill
Lab #:	A604982-01	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-5A	Project:	Enterprise Road Landfill
Lab #:	A604982-01	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50	50.0	99 %	57.1-125
Dibromofluoromethane	1868-53-7	48	50.0	95 %	49.8-137
Toluene-d8	2037-26-5	50	50.0	99 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-5A	Project:	Enterprise Road Landfill
Lab #:	A604982-01	Work Order #:	A604982
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.188	0.250	75 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-5A
Lab #: A604982-01

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**2** I	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	**20** I	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	**6.6** I	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	**1330**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4290**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-5A
Lab #: A604982-01

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J09031
Bicarbonate as CaCO3		**7**	I	2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**5.53**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J06012
Nitrate as N	NA	**0.790**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Total Alkalinity	NA	**7**	I	2	10	mg/L	EPA 310.2	NO PREP	6J09004
Total Dissolved Solids	NA	**104**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	**73**		3	3	mg/L	EPA 160.2	NO PREP	6J09021

ANALYTICAL REPORT

Sample ID:	MW-5B	Project:	Enterprise Road Landfill
Lab #:	A604792-01	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-5B	Project:	Enterprise Road Landfill
Lab #:	A604792-01	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50	50.0	99 %	57.1-125
Dibromofluoromethane	1868-53-7	49	50.0	98 %	49.8-137
Toluene-d8	2037-26-5	51	50.0	102 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-5B	Project:	Enterprise Road Landfill
Lab #:	A604792-01	Work Order #:	A604792
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.225	0.250	90 %	60-140

ANALYTICAL REPORT

Sample ID: MW-5B
Lab #: A604792-01

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	**142**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	**3.0**	2.6	10	ug/L
Selenium	7782-49-2	**2 I**	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**3610**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	**10**	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: MW-5B
Lab #: A604792-01

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J05011
Bicarbonate as CaCO3		**121**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**6.10**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J05014
Nitrate as N	NA	**0.613**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Total Alkalinity	NA	**121**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**172**		10	10	mg/L	EPA 160.1	EPA 9030B	6J05010
Total Suspended Solids	NA	**14**		3	3	mg/L	EPA 160.2	NO PREP	6J09021

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Enterprise Road Landfill
Lab #:	A604982-02	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	**2.6 I**	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Enterprise Road Landfill
Lab #:	A604982-02	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47	50.0	94 %	57.1-125
Dibromofluoromethane	1868-53-7	49	50.0	97 %	49.8-137
Toluene-d8	2037-26-5	49	50.0	98 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Enterprise Road Landfill
Lab #:	A604982-02	Work Order #:	A604982
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.151	0.250	60 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-6
Lab #: A604982-02

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**2 I**	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	**4 I**	3	5	ug/L
Iron	7439-89-6	**144**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**6270**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: MW-6
Lab #: A604982-02

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J09031
Bicarbonate as CaCO3		**6**	I	2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**9.62**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J06012
Nitrate as N	NA	**0.261**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Total Alkalinity	NA	**6**	I	2	10	mg/L	EPA 310.2	NO PREP	6J09004
Total Dissolved Solids	NA	**76**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	**6**		3	3	mg/L	EPA 160.2	NO PREP	6J09021

ANALYTICAL REPORT

Sample ID:	MW-7A	Project:	Enterprise Road Landfill
Lab #:	A604982-03	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-7A	Project:	Enterprise Road Landfill
Lab #:	A604982-03	Work Order #:	A604982
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/12/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J12010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48	50.0	95 %	57.1-125
Dibromofluoromethane	1868-53-7	49	50.0	97 %	49.8-137
Toluene-d8	2037-26-5	49	50.0	99 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-7A	Project:	Enterprise Road Landfill
Lab #:	A604982-03	Work Order #:	A604982
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.151	0.250	60 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-7A
Lab #: A604982-03

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**2 I**	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	**15**	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	**4** I	3	5	ug/L
Iron	7439-89-6	**262**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	**6.2**	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**2470**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-7A
Lab #: A604982-03

Project: Enterprise Road Landfill
Work Order #: A604982
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J09031
Bicarbonate as CaCO3		**10**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**4.63**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J06012
Nitrate as N	NA	**0.310**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J06012
Total Alkalinity	NA	**10**		2	10	mg/L	EPA 310.2	NO PREP	6J09004
Total Dissolved Solids	NA	**44**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	**4**		3	3	mg/L	EPA 160.2	NO PREP	6J09021

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ANALYTICAL REPORT

Sample ID:	MW-7B	Project:	Enterprise Road Landfill
Lab #:	A605168-01	Work Order #:	A605168
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/20/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J19011		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 Q, U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 Q, U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 Q, U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 Q, U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 Q, U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 Q, U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 Q, U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 Q, U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 Q, U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 Q, U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 Q, U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 Q, U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 Q, U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 Q, U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 Q, U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 Q, U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 Q, U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 Q, U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 Q, U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 Q, U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 Q, U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 Q, U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 Q, U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 Q, U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 Q, U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 Q, U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 Q, U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 Q, U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 Q, U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 Q, U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 Q, U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 Q, U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 Q, U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 Q, U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 Q, U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 Q, U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-7B	Project:	Enterprise Road Landfill
Lab #:	A605168-01	Work Order #:	A605168
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/20/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J19011		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 Q, U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 Q, U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 Q, U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 Q, U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 Q, U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 Q, U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 Q, U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 Q, U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 Q, U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 Q, U	0.52	1.0	ug/L

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49	Q	50.0	99 %	57.1-125
Dibromofluoromethane	1868-53-7	56	Q	50.0	112 %	49.8-137
Toluene-d8	2037-26-5	54	Q	50.0	108 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-7B	Project:	Enterprise Road Landfill
Lab #:	A605168-01	Work Order #:	A605168
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/23/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J21008		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.004 U	0.004	0.020	ug/L
1,2-Dibromoethane	106-93-4	0.004 U	0.004	0.020	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.28	0.250	112 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-7B
Lab #: A605168-01

Project: Enterprise Road Landfill
Work Order #: A605168
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J18015

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2.10 U	2.10	5.00	ug/L
Arsenic	7440-38-2	2.00 U	2.00	10.0	ug/L
Barium	7440-39-3	11.7 U	11.7	100	ug/L
Beryllium	7440-41-7	0.500 U	0.500	0.500	ug/L
Cadmium	7440-43-9	1.70 U	1.70	5.00	ug/L
Chromium	7440-47-3	6.20 U	6.20	10.0	ug/L
Cobalt	7440-48-4	0.410 U	0.410	10.0	ug/L
Copper	7440-50-8	3.10 U	3.10	5.00	ug/L
Iron	7439-89-6	35.8 U	35.8	100	ug/L
Lead	7439-92-1	2.80 U	2.80	10.0	ug/L
Nickel	7440-02-0	2.60 U	2.60	10.0	ug/L
Selenium	7782-49-2	**5.37** I	1.50	10.0	ug/L
Silver	7440-22-4	0.330 U	0.330	0.500	ug/L
Sodium	7440-23-5	**3.91**	0.192	0.500	mg/L
Thallium	7440-28-0	0.220 U	0.220	0.500	ug/L
Vanadium	7440-62-2	**14.9**	2.60	10.0	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: MW-7B
Lab #: A605168-01

Project: Enterprise Road Landfill
Work Order #: A605168
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Bicarbonate as CaCO3	71-52-3	**20**		2.0	2.0	mg/L	SM 4500 CO2/D	NO PREP	6J24009
Chloride	16887-00-6	**6.0**		0.05	1.0	mg/L	EPA 300.0	NA	6J19008
Nitrate as N	14797-55-8	**1.1**	Q	0.008	0.050	mg/L	EPA 300.0	NA	6J19008
Nitrite as N	14797-65-0	**0.11**	Q	0.007	0.050	mg/L	EPA 300.0	NA	6J19008
Total Alkalinity	NA	**51**	Q	1.4	2.0	mg/L	EPA 310.1	NO PREP	6J24007
Total Suspended Solids	NA	3.0	U	3.0	3.0	mg/L	EPA 160.2	NO PREP	6J20002

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ANALYTICAL REPORT

Sample ID: MW-7B
Lab #: A604792-02

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	**0.4**	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J05011
Total Dissolved Solids	NA	**128**	10	10	mg/L	EPA 160.1	EPA 9030B	6J05010

ANALYTICAL REPORT

Sample ID:	MW-8B	Project:	Enterprise Road Landfill
Lab #:	A604792-03	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-8B	Project:	Enterprise Road Landfill
Lab #:	A604792-03	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46	50.0	91 %	57.1-125
Dibromofluoromethane	1868-53-7	47	50.0	94 %	49.8-137
Toluene-d8	2037-26-5	48	50.0	95 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-8B	Project:	Enterprise Road Landfill
Lab #:	A604792-03	Work Order #:	A604792
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.154	0.250	62 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-8B
Lab #: A604792-03

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**4** I	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	**47** I	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	36 U	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4900**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	**2.7** I	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: MW-8B
Lab #: A604792-03

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J05011
Bicarbonate as CaCO3		**201**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**6.51**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J05014
Nitrate as N	NA	**0.719**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Total Alkalinity	NA	**201**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**240**		10	10	mg/L	EPA 160.1	EPA 9030B	6J05010
Total Suspended Solids	NA	3	U	3	3	mg/L	EPA 160.2	NO PREP	6J09021

ANALYTICAL REPORT

Sample ID:	MW-9B	Project:	Enterprise Road Landfill
Lab #:	A604984-04	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	**2.0 I**	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-9B	Project:	Enterprise Road Landfill
Lab #:	A604984-04	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55	50.0	109 %	57.1-125
Dibromofluoromethane	1868-53-7	58	50.0	117 %	49.8-137
Toluene-d8	2037-26-5	58	50.0	117 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-9B	Project:	Enterprise Road Landfill
Lab #:	A604984-04	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.152	0.250	61 %	60-140

ANALYTICAL REPORT

Sample ID: MW-9B
Lab #: A604984-04

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	36 U	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4540**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: MW-9B
Lab #: A604984-04

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.2	U, D	0.2	1	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**143**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**7.29**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**1.59**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**1.59**		0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**143**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**162**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	3	U	3	3	mg/L	EPA 160.2	NO PREP	6J10022

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ANALYTICAL REPORT

Sample ID:	MW-10B	Project:	Enterprise Road Landfill
Lab #:	A604984-05	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	**1.8 I**	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	MW-10B	Project:	Enterprise Road Landfill
Lab #:	A604984-05	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51	50.0	102 %	57.1-125
Dibromofluoromethane	1868-53-7	53	50.0	106 %	49.8-137
Toluene-d8	2037-26-5	54	50.0	108 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-10B	Project:	Enterprise Road Landfill
Lab #:	A604984-05	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.155	0.250	62 %	60-140

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ANALYTICAL REPORT

Sample ID: MW-10B
Lab #: A604984-05

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	**201**	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	**3.9**	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4730**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: MW-10B
Lab #: A604984-05

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	**0.09**		0.003	0.02	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**86**		2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**6.86**		0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**1.02**		0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**1.02**		0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**86**		2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**130**		10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	3	U	3	3	mg/L	EPA 160.2	NO PREP	6J10022

ANALYTICAL REPORT

Sample ID:	Supply Well	Project:	Enterprise Road Landfill
Lab #:	A604984-06	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	**1.8 I**	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	Supply Well	Project:	Enterprise Road Landfill
Lab #:	A604984-06	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52	50.0	104 %	57.1-125
Dibromofluoromethane	1868-53-7	56	50.0	112 %	49.8-137
Toluene-d8	2037-26-5	56	50.0	111 %	87.6-125

ANALYTICAL REPORT

Sample ID:	Supply Well	Project:	Enterprise Road Landfill
Lab #:	A604984-06	Work Order #:	A604984
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.159	0.250	64 %	60-140

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ANALYTICAL REPORT

Sample ID: Supply Well
Lab #: A604984-06

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J09012

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	2 U	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	36 U	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	2 U	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	**4740**	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

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ANALYTICAL REPORT

Sample ID: Supply Well
Lab #: A604984-06

Project: Enterprise Road Landfill
Work Order #: A604984
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003 U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J10015
Bicarbonate as CaCO3		**97**	2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	**7.65**	0.05	1.00	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate as N	NA	**2.65**	0.008	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Nitrate/Nitrite as N		**2.65**	0.015	0.100	mg/L	EPA 300	[CALC]	[CALC]
Nitrite as N	NA	0.007 U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J09010
Total Alkalinity	NA	**97**	2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**172**	10	10	mg/L	EPA 160.1	NO PREP	6J09016
Total Suspended Solids	NA	3 U	3	3	mg/L	EPA 160.2	NO PREP	6J10022

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ANALYTICAL REPORT

Sample ID:	EQB	Project:	Enterprise Road Landfill
Lab #:	A604792-04	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

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ANALYTICAL REPORT

Sample ID:	EQB	Project:	Enterprise Road Landfill
Lab #:	A604792-04	Work Order #:	A604792
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	10/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J06016		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48	50.0	97 %	57.1-125
Dibromofluoromethane	1868-53-7	49	50.0	99 %	49.8-137
Toluene-d8	2037-26-5	50	50.0	100 %	87.6-125

ANALYTICAL REPORT

Sample ID:	EQB	Project:	Enterprise Road Landfill
Lab #:	A604792-04	Work Order #:	A604792
Prep. Method:	EPA 504/8011	Matrix:	Ground Water
Analyzed:	10/11/06 By: RC	Unit:	ug/L
Anal. Method:	EPA 8011	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J11013		

Semivolatile Organic Compounds by GC

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,2-Dibromo-3-chloropropane	96-12-8	0.0040 U	0.0040	0.0200	ug/L
1,2-Dibromoethane	106-93-4	0.0040 U	0.0040	0.0200	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
1,3-Dichlorobenzene	541-73-1	0.180	0.250	72 %	60-140

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ANALYTICAL REPORT

Sample ID: EQB
Lab #: A604792-04

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Mercury	7439-97-6	0.11 U	0.11	0.20	ug/L	EPA 7470A	EPA 7470A	6J06014

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Antimony	7440-36-0	**3 I**	2	5	ug/L
Arsenic	7440-38-2	2.0 U	2.0	10	ug/L
Barium	7440-39-3	12 U	12	100	ug/L
Beryllium	7440-41-7	0.50 U	0.50	0.50	ug/L
Cadmium	7440-43-9	1.7 U	1.7	5.0	ug/L
Chromium	7440-47-3	6.2 U	6.2	10	ug/L
Cobalt	7440-48-4	0.4 U	0.4	10	ug/L
Copper	7440-50-8	3 U	3	5	ug/L
Iron	7439-89-6	36 U	36	100	ug/L
Lead	7439-92-1	2.8 U	2.8	10	ug/L
Nickel	7440-02-0	2.6 U	2.6	10	ug/L
Selenium	7782-49-2	**2 I**	2	10	ug/L
Silver	7440-22-4	0.33 U	0.33	0.50	ug/L
Sodium	7440-23-5	192 U	192	500	ug/L
Thallium	7440-28-0	0.2 U	0.2	0.5	ug/L
Vanadium	7440-62-2	2.6 U	2.6	10	ug/L
Zinc	7440-66-6	100 U	100	100	ug/L

ANALYTICAL REPORT

Sample ID: EQB
Lab #: A604792-04

Project: Enterprise Road Landfill
Work Order #: A604792
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Ammonia as N	7664-41-7	0.003	U	0.003	0.02	mg/L	EPA 350.1	NO PREP	6J05011
Bicarbonate as CaCO3		**3**	I	2	10	mg/L	SM 4500	[CALC]	[CALC]
Chloride	16887-00-6	0.05	U	0.05	1.00	mg/L	EPA 300.0	NO PREP	6J05014
Nitrate as N	NA	0.008	U	0.008	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Nitrite as N	NA	0.007	U	0.007	0.050	mg/L	EPA 300.0	NO PREP	6J05014
Total Alkalinity	NA	**3**	I	2	10	mg/L	EPA 310.2	NO PREP	6J09003
Total Dissolved Solids	NA	**12**		10	10	mg/L	EPA 160.1	EPA 9030B	6J05010
Total Suspended Solids	NA	3	U	3	3	mg/L	EPA 160.2	NO PREP	6J09021

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ANALYTICAL REPORT

Sample ID:	Trip Blank	Project:	Enterprise Road Landfill
Lab #:	A604984-07	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	630-20-6	0.24 U	0.24	1.0	ug/L
1,1,1-Trichloroethane	71-55-6	0.88 U	0.88	1.0	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.20 U	0.20	0.20	ug/L
1,1,2-Trichloroethane	79-00-5	0.44 U	0.44	1.0	ug/L
1,1-Dichloroethane	75-34-3	0.60 U	0.60	1.0	ug/L
1,1-Dichloroethene	75-35-4	0.83 U	0.83	1.0	ug/L
1,2,3-Trichloropropane	96-18-4	0.34 U	0.34	1.0	ug/L
1,2-Dichlorobenzene	95-50-1	0.27 U	0.27	1.0	ug/L
1,2-Dichloroethane	107-06-2	0.94 U	0.94	1.0	ug/L
1,2-Dichloropropane	78-87-5	0.97 U	0.97	1.0	ug/L
1,4-Dichlorobenzene	106-46-7	0.24 U	0.24	1.0	ug/L
2-Butanone	78-93-3	1.0 U	1.0	5.0	ug/L
2-Hexanone	591-78-6	2.1 U	2.1	5.0	ug/L
4-Methyl-2-pentanone	108-10-1	1.6 U	1.6	5.0	ug/L
Acetone	67-64-1	2.6 U	2.6	5.0	ug/L
Acrylonitrile	107-13-1	1.7 U	1.7	2.0	ug/L
Benzene	71-43-2	0.48 U	0.48	1.0	ug/L
Bromochloromethane	74-97-5	0.93 U	0.93	1.0	ug/L
Bromodichloromethane	75-27-4	0.22 U	0.22	0.40	ug/L
Bromoform	75-25-2	0.48 U	0.48	1.0	ug/L
Bromomethane	74-83-9	0.80 U	0.80	1.0	ug/L
Carbon disulfide	75-15-0	0.97 U	0.97	5.0	ug/L
Carbon tetrachloride	56-23-5	0.85 U	0.85	1.0	ug/L
Chlorobenzene	108-90-7	0.21 U	0.21	1.0	ug/L
Chloroethane	75-00-3	0.66 U	0.66	1.0	ug/L
Chloroform	67-66-3	0.89 U	0.89	1.0	ug/L
Chloromethane	74-87-3	0.82 U	0.82	1.0	ug/L
cis-1,2-Dichloroethene	156-59-2	0.75 U	0.75	1.0	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.20 U	0.20	0.20	ug/L
Dibromochloromethane	124-48-1	0.20 U	0.20	0.20	ug/L
Dibromomethane	74-95-3	0.42 U	0.42	1.0	ug/L
Ethylbenzene	100-41-4	0.99 U	0.99	1.0	ug/L
Iodomethane	74-88-4	0.81 U	0.81	3.0	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.55 U	0.55	2.0	ug/L
Methylene chloride	75-09-2	1.0 U	1.0	2.0	ug/L
o-Xylene	95-47-6	0.60 U	0.60	1.0	ug/L

ANALYTICAL REPORT

Sample ID:	Trip Blank	Project:	Enterprise Road Landfill
Lab #:	A604984-07	Work Order #:	A604984
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	10/13/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6J13015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Styrene	100-42-5	0.19 U	0.19	1.0	ug/L
Tetrachloroethene	127-18-4	0.65 U	0.65	1.0	ug/L
Toluene	108-88-3	0.25 U	0.25	1.0	ug/L
trans-1,2-Dichloroethene	156-60-5	0.83 U	0.83	1.0	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.20 U	0.20	0.20	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	0.61 U	0.61	1.0	ug/L
Trichloroethene	79-01-6	0.71 U	0.71	1.0	ug/L
Trichlorofluoromethane	75-69-4	0.70 U	0.70	1.0	ug/L
Vinyl acetate	108-05-4	0.20 U	0.20	1.0	ug/L
Vinyl chloride	75-01-4	0.52 U	0.52	1.0	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50	50.0	101 %	57.1-125
Dibromofluoromethane	1868-53-7	52	50.0	103 %	49.8-137
Toluene-d8	2037-26-5	53	50.0	107 %	87.6-125

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name	Project Number
TetraTech/HAI	99.0331.029
Address	**Project Name/Desc**
2015. Pine St, Suite 1000	Enterprise Road Landfill
City/ST/Zip	**PO # / Billing Info**
Orlando, FL 32801	
Tel / **Fax**	**Reporting Contact**
407-839-3955 / 407-839-2066	Jennifer Deal
Sampler(s) Name, Affiliation (Print)	**Billing Contact**
Dale Clayton	
Sampler(s) Signature	**Facility # (if required)**

Requested Analyses

8260 App I (Low)	8011 (EDB/DBCP)	Bicarb Alk, Chloride, Nitrate/nitrite as N, TDS, TSS	Ammonia	Metals *					
IH	I	I	IS	IN					

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder

A604792

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Sample Comments
	MW-1B	10/6/06	1222	G	GW	8	
	MW-3B		0925	G	GW	8	
	MW-4B		1027	G	GW	8	
	MW-9B		1506	G	GW	8	
	MW-10B		1344	G	GW	8	
	Supply Well		1702	G	GW	8	

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
LP	9/28/06 12:47	Luke Ponti	9/28/06 12:47		9/28/06 1241
			10/7/06 0925		10/7/06 09:25

Comments

* Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Na, Ni, Pb, Sb, Se, Tl, V, Zn

Cooler #'s & Temps on Receipt

F-12 → 2°C

Condition Upon Receipt

X Acceptable ___ Unacceptable

Matrix : **GW**-Groundwater **SO**-Soil **SE**-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments)

Preservation: **I**-Ice **H**-HCl **N**-HNO3 **S**-H2SO4 **NO**-NaOH **O**-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
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4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: TetraTech/HAI	Project Number: 99.0331.029
Address: 201 S. Pine St, Suite 1000	Project Name/Desc: Enterprise Road Landfill
City/ST/Zip: Orlando, FL 32801	PO # / Billing Info:
Tel: 407-839-3955 Fax: 407-839-2066	Reporting Contact: Jennifer Deal
Sampler(s) Name, Affiliation (Print): Dale Claytor	Billing Contact:
Sampler(s) Signature:	Facility # (if required):

Requested Analyses

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260 App I (Low)	8011 (EDB/DBCP)	Bicarb, Alk, Chloride, Nitrate/Nitrite, TDS, TSS	Ammonia	Metals *						Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							IH	I	I	IS	IN						
1	MW-5A	10/5/06	1551	G	GW	8	X	X	X	X	X						
2	MW-6	"	1332	G	GW	8	X	X	X	X	X						
3	MW-7A	"	1137	G	GW	8	X	X	X	X	X						
							<-- Total # of Containers										

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: A604982 A604792

Sample Kit Prepared By: LP	Date/Time: 9/28/06 12:47	Relinquished By: Lisa Ponte	Date/Time: 9/28/06 12:47	Received By:	Date/Time: 9/28/06 1247
Comments: * Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Na, Ni, Pb, Sb, Se, Tl, Vi, Zn		Relinquished By:	Date/Time: 10/6/06 0800	Received By: Lisa Ponte	Date/Time: 10/6/06 ~~13:15~~
		Relinquished By:	Date/Time:	Received By:	Date/Time: 15:15 10/6/06
		Cooler #'s & Temps on Receipt: B-44, 3°		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix : **GW**-Groundwater **SO**-Soil **SE**-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments)

Preservation: **I**-Ice **H**-HCl **N**-HNO3 **S**-H2SO4 **NO**-NaOH **O**-Other (detail in comments)

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: Tetratech/HAI	Project Number: 99.0331.029
Address: 201 E. Pine St, Suite 1000	Project Name/Desc: Enterprise Road Landfill
City/ST/Zip: Orlando, FL 32801	PO # / Billing Info:
Tel: 407-839-3955 Fax: 407-839-2066	Reporting Contact: Jennifer Deal
Sampler(s) Name, Affiliation (Print): Dale Clayton	Billing Contact:
Sampler(s) Signature:	Facility # (if required):

Requested Analyses

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260 App I (Low)	8011 (EDB/DBCP)	Alk, chloride, Nitrate Nitrite as N, TDS, TSS, Guard	Ammonia	Metals *						Sample Comments
							H	I	I	IS	IN						
1	MW-5B	10/4/06	1353		GW	8	X	X	X	X	X						
2	MW-7B		1652		GW	8	X	X	X	X	X						
3	MW-8B		1532		GW	8	X	X	X	X	X						
4	EQB		1225		O	8	X	X	X	X	X						

<-- Total # of Containers

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: A604792

Sample Kit Prepared By: LP	Date/Time: 9/28/06 12:47	Relinquished By: Lisa Ponte	Date/Time: 9/28/06 12:47	Received By:	Date/Time: 9/28/06 12:47
Comments: O = DI Water; * Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Na, Ni, Pb, Se, Sr, Tl, V, Zn		Relinquished By:	Date/Time: 10/5/06 0800	Received By: Lisa Ponte	Date/Time: 10/5/06 08:58
		Relinquished By:	Date/Time:	Received By:	Date/Time: 10/5/06 9:50
		Cooler #'s & Temps on Receipt: C-215 2°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : **GW**-Groundwater **SO**-Soil **SE**-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments)

Preservation: **I**-Ice **H**-HCl **N**-HNO3 **S**-H2SO4 **NO**-NaOH **O**-Other (detail in comments)

SECTION 8, TOWNSHIP 25 SOUTH RANGE 22 EAST
PASCO COUNTY, FLORIDA

ANGELO'S RECYCLED MATERIALS
ENTERPRISE ROAD FACILITIES

WELL 1

1453822.79900 N
612903.62800 E
ELEV: 98.78

1453785.91700 N
614062.56800 E
ELEV: 100.72

WELL 7A

WELL 7B

1453729.25700 N
614062.75200 E
ELEV: 101.52

CELL 5 | CELL 15

CELL 4 | CELL 1

REFERENCE POINT

WELL 8B

1453215.38700 N
614069.09200 E
ELEV: 108.45

N

SCALE 1" = 200'

CURRENT DATUM ON MONITOR WELLS 1: 7A; 7B: AND 8B

GENERAL LEGEND		
(D) - Deed or Description		
CM - Concrete Monument		
POB - Point of Beginning		
P. C. P.- Permanent Control Point		
P. R. M.- Permanent Reference Monument		
R/W - Right of Way		
RRS. - Railroad Spike		
N & D- Nail and Disk		
(C) - Computed Data		
P. C. - Point of Curvature		
P. T. - Point of Tangency		
IP. - Iron Pipe	(F)	- Field Data
(P) - Plat	IR.	- Iron Rod
FD. - Found	℄	- Center Line
S. - Set	(R)	- Radial
	(NR)	- Non Radial

REVISIONS

SIMMONS & BEALL, INC
SURVEYING & MAPPING
FLORIDA LB. NO. 6382

P.O. BOX 1297
12218 HWY. 301 S.
DADE CITY, FLORIDA 33526
(352) 567 - 0048
FAX (352) 567 - 0675

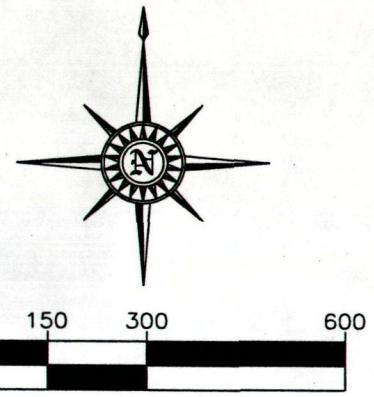
Date of Survey 10-26-06 | Drawn by : CD

Date of Plat 10-27-06 | Checked by : KH

Job Number : 06087-6 | Sheet : ONE OF ONE

CERTIFIED TO ANGELO'S RECYCLED MATERIALS

APPENDIX D



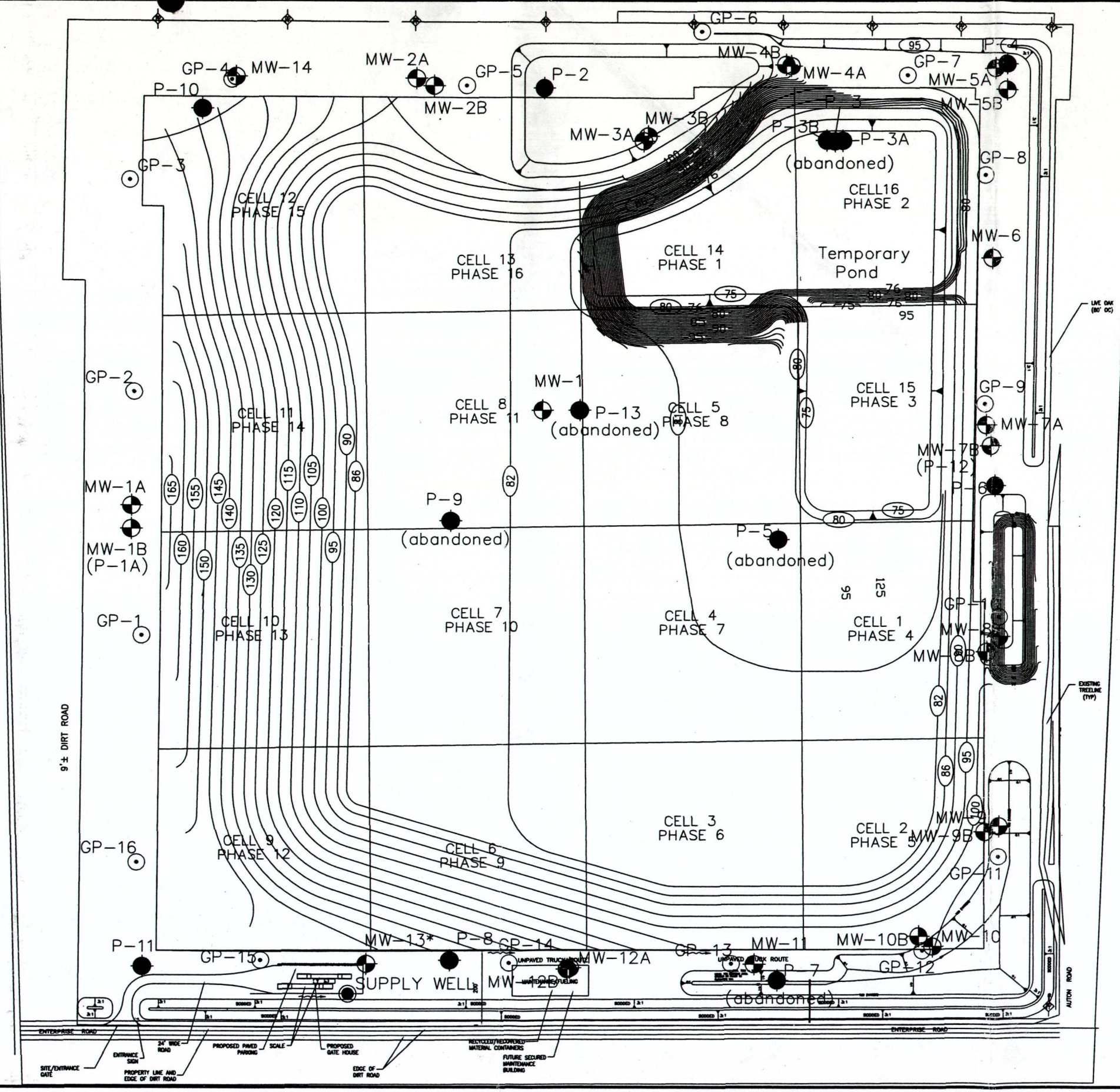
LEGEND

MW-1 ⊕ MONITOR WELL LOCATION

GP-1 ⊙ GASPROBE LOCATION

P-9 ● PIEZOMETER WELL LOCATION

◉ SUPPLY WELL



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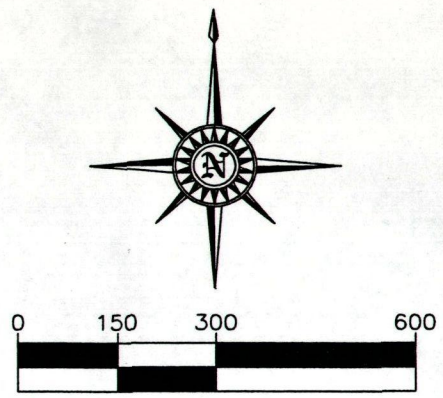
HARTMAN & ASSOCIATES, INC.
engineers, hydrogeologists, surveyors & management consultants
201 EAST PINE STREET – SUITE 1000 – ORLANDO, FL 32801
TELEPHONE (407) 839-3955 – FAX (407) 839-3790

WELL LOCATION MAP
ENTERPRISE ROAD RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

FIGURE
1



LEGEND

MW-1
MONITOR WELL LOCATION

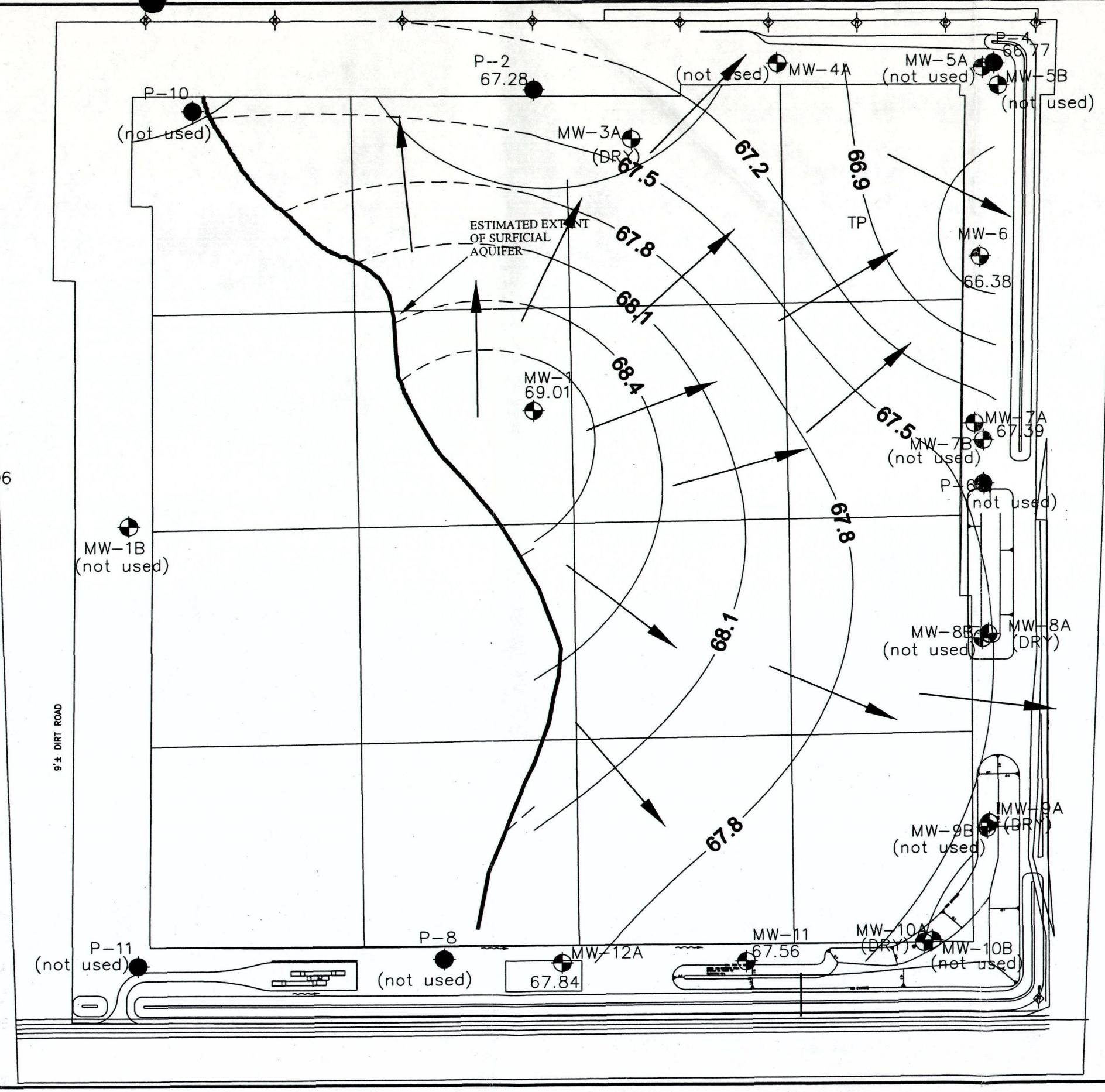
69.01 WATER LEVEL, (ft. NGVD) 10/06/06

–67.8– GROUNDWATER CONTOUR ELEVATION (ft. NGVD) CONTOUR INTERVAL = 0.3 ft.

ESTIMATED GROUNDWATER FLOW DIRECTION

P-5 PIEZOMETER LOCATION

INFERRED GROUNDWATER CONTOUR ELEVATION



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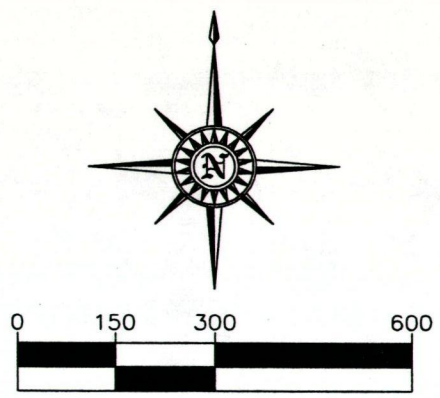
engineers, hydrogeologists, surveyors & management consultants
201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801
TELEPHONE (407) 839-3955 - FAX (407) 839-3790

GROUNDWATER CONTOUR MAP
SURFICIAL AQUIFER – OCTOBER 06, 2006
ENTERPRISE RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

FIGURE
2



LEGEND

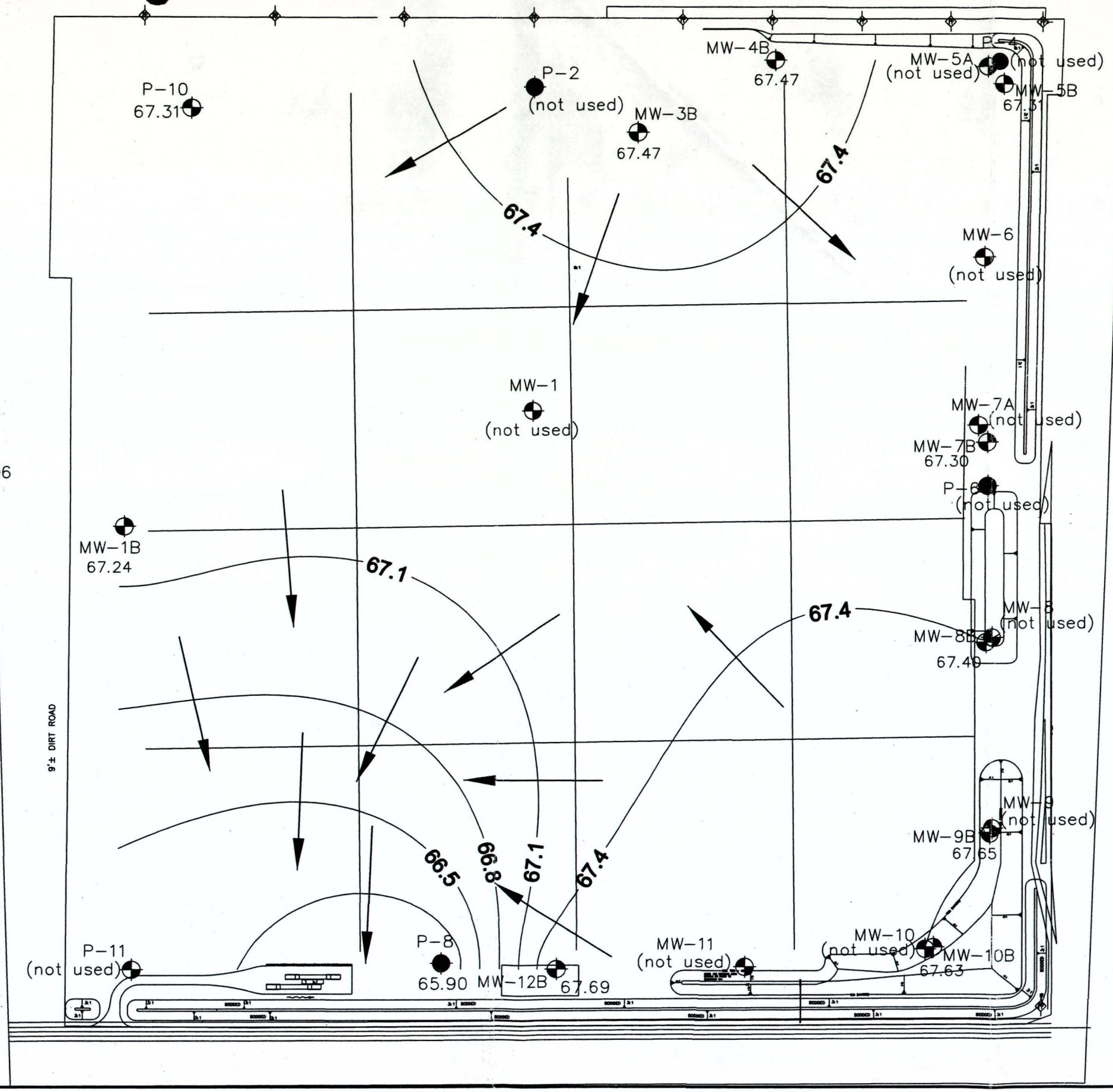
MW-1B
MONITOR WELL LOCATION

67.24 WATER LEVEL, (ft. NGVD) 10/06/06

-67.1- GROUNDWATER CONTOUR ELEVATION (ft. NGVD) CONTOUR INTERVAL = 0.3 ft.

ESTIMATED GROUNDWATER FLOW DIRECTION

P-5 PIEZOMETER LOCATION



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TELEPHONE (407) 839-3955 - FAX (407) 839-3790

GROUNDWATER CONTOUR MAP
FLORIDAN AQUIFER - OCTOBER 06, 2006
ENTERPRISE RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

FIGURE 3