October 26, 2012

Mr. Brian Wooton
North Carolina DENR
Solid Waste Section
Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

RE: Revised Preliminary Hydrogeologic Report
North Mecklenburg Landfill – Infill Area
Huntersville, North Carolina
Project No. EP-1442

Dear Mr. Wooton:

Enviro-Pro, P.C. is pleased to submit this report on behalf of our client which describes the well installation, field sampling activities, and summarizes the initial semi-annual sampling event analytical results for the subject site.

Please contact me at (803) 547-4955 if you have any questions or comments concerning the information contained in this Preliminary Hydrogeologic Report.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeolgist

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Preliminary Hydrogeologic Assessment

North Mecklenburg Landfill – Infill Area
15300 Holbrooks Road
Huntersville, North Carolina

Prepared for:
Mr. Ron Gilkerson
Griffin Brothers Companies
19109 West Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

Prepared by:
Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, South Carolina 29708

NORTH CAROLINA LICENSED SEAL 492 GEOLOGIST THOMAS H. BOLYARD

Project Number EP-1442

October 26, 2012

Field Activities:

Enviro-Pro, P.C. (EP) personnel supervised the installation of two new groundwater monitor wells (MW-6 and MW-9) and eleven methane monitor wells (MMW-1 through MMW-11) on April 19 and 20, 2012. These wells were located on all sides of the proposed area of landfilling, as indicated on attached Figure 1.

The lithology encountered in the well borings consisted of slightly clayey sandy silt to depths ranging from 3 to7 feet below ground surface (bgs). This saprolitic unit was underlain by partially weathered rock (PWR) sampled as sandy silt extending to the drilling termination depths of 11 to 20 feet bgs. Auger refusal was encountered on granitic bedrock at depths ranging from 9 to 20 feet bgs. Lithologic Logs and Well Construction Records are attached as Appendix A.

On June 15, 2012 Enviro-Pro (EP) personnel collected groundwater samples from on-site perimeter monitor wells MW-1 through MW-10 and surface water samples SW-1 through SW-4. On September 10 influent (SW-1) and effluent (SW-2) samples were collected at the intake and discharge ends of the pipe constructed beneath the base of the proposed infill landfill area. The pipe influent/effluent samples were obtained after final pipe construction was completed and after sufficient rainfall had occurred to result in a pipe discharge. All samples were collected as described in the approved Water Quality Monitoring Plan for this landfill. The approximate positions of these sampling locations are indicated on Figure 1. The procedures for groundwater measurement and sampling were as follows:

1) Initially, the monitor well caps were removed to allow the groundwater levels to equilibrate to the ambient atmospheric pressure. Next, the depth to groundwater from a measuring point on top of the well casing was recorded. Water level measurements were obtained using an electronic water level meter. The water level probe was decontaminated between monitor wells with deionized water and isopropyl alcohol.

2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. Purging was conducted using dedicated disposable bailers.

3) Each well was then sampled utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to Pace Analytical Services, Inc., a North Carolina-certified laboratory in Huntersville, North Carolina. Chain-of-Custody documentation is included with the analytical reports in Appendix B.

4) Quality assurance/quality control (QA/QC) measures in the field included wearing disposable sample gloves during sampling activities and changing them between sample locations to protect the groundwater samples from cross-contamination. Analytical QA/QC included a field (bailer rinse) blank and a trip blank analyzed for Appendix I volatile organic compounds (VOCs). All well samples were analyzed for Appendix I VOCs, Appendix I metals with mercury, and alkalinity, chloride, sulfate, and total dissolved solids (TDS). Only clean, laboratory supplied sample containers were utilized.

The field information obtained during well purging is summarized on the Well Development, Purge, and Sample Record included as Appendix C.

Laboratory Test Results

In accordance with regulatory requirements, the ten monitor well samples and the six surface water samples were analyzed for Appendix I metals and volatile organic compounds (VOCs) by Pace Analytical Services. In addition, groundwater samples were analyzed for alkalinity, total dissolved solids (TDS), chloride, and sulfate. Pace's Report of Laboratory Analysis is attached as Appendix B, with a summary of groundwater analytical results included in Table 1.

Laboratory test results indicate low concentrations of the metal barium in all the monitor wells and surface water samples. No metals or any other parameters were detected in the pipe inflow/outflow samples. Low concentrations of arsenic, cobalt, copper, nickel, zinc, vanadium, chromium, lead, and cadmium were detected in several of the wells sampled. The levels identified for these metals are representative of those naturally occurring in the bedrock, soil, and groundwater in this area. Inorganic compounds alkalinity, total dissolved solids (TDS), sulfate, and chloride were detected in all the wells sampled. TDS was detected at a concentration above its 2L Standard in wells MW-5 and MW-6. The elevated TDS level in two of the wells is believed to have resulted from the high turbidity of these samples. Further development of these wells will be conducted prior to any future sampling to reduce these levels. Laboratory test results indicate that acetone (believed to be a laboratory contaminant) was detected in monitor well MW-6 at a concentration below its 2L Standard. Tetrahydrofuran, which currently has no 2L Standard, was detected in well MW-6. Trichlorofluoromethane was detected in monitor wells MW-9 and MW-10 at concentrations below its 2L Standard. Methylene Chloride

was detected in the Field Blank at a concentration below its 2L Standard. No other Appendix I VOC's or metals were detected above their respective analytical limits in the monitor wells, surface water samples, pipe inflow/outflow samples, trip blank, or field blank.

Groundwater flow within the area of concern closely resembles the local topography. The predominant flow direction for the Infill area is to the southeast toward the unnamed tributary of Cane Creek. Monitor wells MW-1 through MW-10 are positioned to adequately monitor groundwater flow in all directions from the proposed area of landfilling.

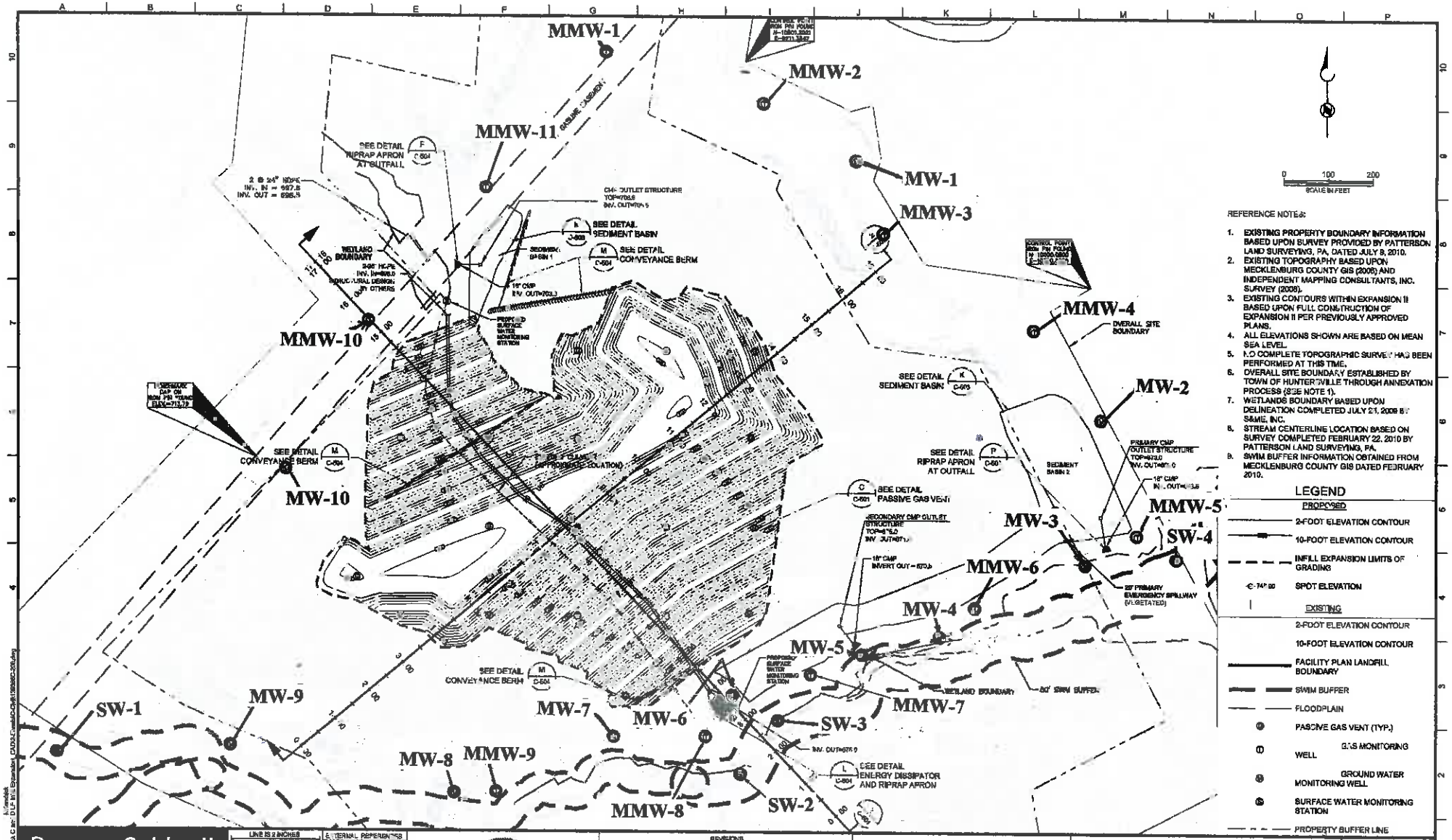
A total of eleven methane monitor wells (MMW-1 through MMW-11) were installed around the landfill perimeter on April 19 and 20, 2012 at the approximate locations indicated on Figure 1. Well depths ranged from 11 to 20 feet bgs. Readings were obtained from all wells by EP personnel on June 15, 2012. No methane readings were detected in any of these wells as summarized on the Methane Monitoring Field Data sheets included in Appendix D.

The ten groundwater monitor wells, six surface water locations, and eleven methane monitor wells for the planned Infill area of landfilling will be sampled on a semi-annual frequency. These sampling locations will replace the existing sampling locations previously utilized for the adjoining Expansion Area I and Expansion Area II landfills. The next sampling event is scheduled for December 2012.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
North Mecklenburg C&D Landfill - Infill Area
Huntersville, North Carolina
6/15/12 and 9/10/12

Analytical Method →	6010	6010	6010	6010	6010	6010	6010	6010	6010	6010	6010	6010	6010	6010	8260	8260	8260	8260
Contaminant of Concern → / Sample ID	Arsenic	Barium	Cobalt	Copper	Nickel	Zinc	Alkalinity	TDS	Sulfate	Chloride	Vanadium	Chromium	Lead	Cadmium	Acetone	Tetrahydrofuran	Trichlorofluoromethane	Methylene Chloride
MW-1	BDL	0.0733	BDL	BDL	BDL	0.0175	120	203	7.6	6.5	0.0079	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-2	BDL	0.0501	BDL	BDL	BDL	0.0118	17.9	201	92.2	6.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-3	BDL	0.107	BDL	BDL	BDL	0.0103	25.8	314	168	11.6	0.0153	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-4	BDL	0.328	0.0142	0.0331	0.0114	0.0834	218	339	23.8	12.1	0.0632	0.0188	0.0086	BDL	BDL	BDL	BDL	BDL
MW-5	0.0085	0.260	0.0069	0.0105	BDL	0.0244	517	**625**	4.5	33.1	0.0370	0.009	0.0053	BDL	BDL	BDL	BDL	BDL
MW-6	BDL	0.359	BDL	0.0067	BDL	0.0122	470	**591**	3.06	49.3	0.0158	BDL	BDL	0.0017	14.1	5.5	BDL	BDL
MW-7	BDL	0.0795	BDL	BDL	BDL	0.0251	210	378	62.7	26.5	0.0075	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-8	BDL	0.0360	BDL	BDL	BDL	0.0112	140	342	7.82	72.0	0.0092	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-9	BDL	0.0278	BDL	BDL	BDL	BDL	175	430	105	20.3	BDL	BDL	BDL	BDL	BDL	BDL	0.99	BDL
MW-10	BDL	0.0322	BDL	BDL	BDL	BDL	175	413	112	20.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-1	BDL	0.0251	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2	BDL	0.0396	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-3	BDL	0.0439	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-4	BDL	0.0624	BDL	BDL	BDL	0.0289	BDL	BDL	BDL	BDL	0.0064	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-1(Pipe Inf)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SW-2(Pipe Eff)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Field Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6
Trip Blank	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2L Standard	10	0.7	NE	1	0.1	1	NE	500	250	250	NE	0.01	0.015	2	6,000	NE	2,000	5

Notes: All metals/Inorganic compounds are presented in milligrams per liter (mg/l)
BDL = Below detection limit NE = None Established
All VOCs are presented in micrograms per liter (ug/l)
Shaded/Bolded areas represent parameters that exceed their 2L Standards



Brown AND Caldwell

Environmental Engineering and Consulting

GREENWAY WASTE SOLUTIONS AT NORTH MECK, LLC.
MECKLENBURG COUNTY, NORTH CAROLINA

FIGURE 1: SITE MAP
NMLF – Infill Area

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APPENDIX A

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-1 Job No: EP-1401 Client: Griffin Brothers, LLC

Project Location: North Meck LF,Holbrooks Road, Huntersville State: NC Total Depth: 60'
Logged By: THB Soil Sample Method: soil cuttings Date Started: 2/8/06 Date Complete: 2/8/06
Driller: Tom with EDPS Drill Method: Air Rotary Equipment Type: Canterra CT-350 Boring Diameter 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Static WL
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Orange-brown silty Sand				
				Tan-brown silty Sand				
	10.0							
				Gray-brown silty Sand with rock fragments				
	20.0							
				Brown silty Sand				
	30.0							
	40.0							
				Dark gray silty Sand with rock fragments (PWR)				
	50.0							
	60.0							
				Terminated drilling @ 60' bgs.				
				Set 2" PVC well screened from 45-60'; sand to 43';				
				bentonite to 41'; grout to surface.				

Renumbered as MW-2

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-6 Job No: EP-1401 Client: Griffin Brothers, LLC

Project Location: North Meck LF,Holbrooks Road, Huntersville State: NC Total Depth: 25'
Logged By: THB Soil Sample Method: soil cuttings Date Started: 2/8/06 Date Complete: 2/8/06
Driller: Tom with EDPS Drill Method: Air Rotary Equipment Type: Canterra CT-350 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Static WL
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Orange-brown silty Sand				
	5.0			Tan-brown silty Sand with rock fragments				
	10.0							
	15.0			Gray-brown silty Sand with rock fragments (PWR)				
	20.0							
	25.0			Terminated drilling @ 25' bgs. Set 2" PVC well screened from 25-10'; sand to 8'; bentonite to 6'; grout to surface.				
	40.0							
	45.0							

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-3 Job No: EP-1401 Client: Griffin Brothers, LLC

Project Location: North Meck LF,Holbrooks Road, Huntersville State: NC Total Depth: 16'
Logged By: THB Soil Sample Method: soil cuttings Date Started: 2/8/06 Date Complete: 2/8/06
Driller: Tom with EDPS Drill Method: Air Rotary Equipment Type: Canterra CT-350 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Static WL
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Orange-brown silty Sand				
	5.0							
				Tan-brown silty Sand with rock fragments				
	10.0							
				Gray-brown silty Sand with rock fragments (PWR)				
	15.0							
				Air Rotary drilling to 16' bgs.				
				Set 2" PVC well screened from 16-6'; sand to 3';				
				bentonite to 1'; grout to surface.				
	20.0							

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-4 Job No: EP-1401 Client: Griffin Brothers, LLC

Project Location: North Meck LF,Holbrooks Road, Huntersville State: NC Total Depth: 17.5"
Logged By: THB Soil Sample Method: soil cuttings Date Started: 2/8/06 Date Complete: 2/8/06
Driller: Tom with EDPS Drill Method: Air Rotary Equipment Type: Canterra CT-350 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Static WL
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Orange-brown silty Sand				
	5.0							
				Tan-brown silty Sand with rock fragments				
	10.0							
	15.0			Gray-brown silty Sand with rock fragments (PWR)				
				Drilling terminated @ 17.5' bgs. Set 2" PVC well screened from 17.5-7.5'; sand to 5'; bentonite to 3'; grout to surface.				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-5 Job No: EP-1401 Client: Griffin Brothers, LLC

Project Location: North Meck LF,Holbrooks Road, Huntersville State: NC Total Depth: 18'
Logged By: THB Soil Sample Method: soil cuttings Date Started: 2/8/06 Date Complete: 2/8/06
Driller: Tom with EDPS Drill Method: Air Rotary Equipment Type: Canterra CT-350 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Static WL
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown silty Sand				
	5.0							
				Tan-brown silty Sand				
	10.0							
				Gray-brown silty Sand with rock fragments				
	15.0							
				Terminated drilling @ 18' bgs.				
				Set 2" PVC well screened from 18-8'; sand to 5';				
				bentonite to 3'; grout to surface.				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-6 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 17'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Dark gray-brown sandy Silt w/rock frags				
	10.0							
	15.0			Tan-brown sandy Silt				
				Set 2" sch.40 PVC well; screened from 7-17'; sand to 6'; bentonite to 4'; grout to surface				

Renumbered as MW-7

ENVIRO-PRO, P.C. Charlotte, North Carolina	LITHOLOGIC LOG	Boring No.: MW-15 Job No: EP-1292 Client: N. Meck. Land-fill

Project Location: Huntersville State: NC Total Depth: 23'
Logged By: TB Soil Sample Method: Air Cuttings Date Started: 10-18-01 Date Complete: 10-19-01
Driller: T. Tinghuba / R. Simmons Drill Method: Air Rotary Equipment Type: Centerra - CT-250 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 21.73' 24 hrs 14.17'
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Drk. gray-brn. sl. clayey Silt w/ organic matter				
	5							
				Tan-brn. - orange-brn. sl. clayey fine sandy Silt				
	10							
	15							
				PWR - Sampled as tan-brn. silty fine Sand w/ Rx fragments				
	20					Moist @ 21'		
				Hard gray Granite				
	25			Air Rotary Drilling Terminated @ 23' bgs; set 2" PVC well				

Renumbered as MW-8

ENVIRO-PRO, P.C. Charlotte, North Carolina	LITHOLOGIC LOG	Boring No.: MW-16 Job No: EP-1298 Client: N. Meck. Landfill

Project Location: Huntersville
State: NC
Total Depth: 28'
Logged By: TB
Soil Sample Method: Air Cuttings
Date Started: 10-18-01
Date Complete: 10-19-01
Driller: T. Trybuba / R. Simmons
Drill Method: Air Rotary
Equipment Type: Centerra-CT-250
Boring Diameter: 6"
Soil Gas Sample Method:
Groundwater (bmp): 0 hrs 25.40' 24 hrs 18.72'
Land Surface Elevation (LS):
Measuring Point Elev. (MP):
Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Fill- Sampled as lt. tan-brn. silty fine Sand w/ Rx fragments				
	5							
	10			Tan-brn.-orange-brn. sl. clayey silty fine Sand				
	15					Moist @ 18'		
	20			PWR- Sampled as tan-brn silty fine Sand w/ Rx fragments				
	25							
	30			Air Rotary Drilling Terminated @ 28' bgs; set 2" pvc well				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MW-9 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 25'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Gray-brown sandy Silt w/rock frags				
	10.0			Auger Refusal @ 9 feet bgs				
	15.0							
				Gray Granite (Bedrock)				
	20.0							
	25.0			Set 2" sch.40 PVC well; screened from 25-10'; sand to 8'; bentonite to 6'; grout to surface				

Renumbered as MW-10

ENVIRO-PRO, P.C. Charlotte, North Carolina	LITHOLOGIC LOG	Boring No.: MW-12 Job No: EP-1292 Client: D. Meek Landfill

Project Location: Huntersville State: NC Total Depth: 60'
Logged By: TB Soil Sample Method: Air Cuttings Date Started: 10-18-01 Date Complete: 10-19-01
Driller: T. Trybulec/R. Simmons Drill Method: Air Rotary Equipment Type: Centerra CT-250 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Dry 24 hrs 51.35'
Land Surface Elevation (LS): Measuring Point Elev. (MP): G.L. Remarks:

Elevation ft	Depth ft	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brn. sl. clayey fine sandy Silt				
	5							
	10							
				PWR - Sampled as Tan-brn. silty fine Sand w/ Rx fragments				
	15							
	20							
	25							
	30			Hard Gray Granite				
	35							

Renumbered as MW-10

ENVIRO-PRO, P.C. Charlotte, North Carolina	LITHOLOGIC LOG	Boring No.: MW-12 Job No: EP-1292 Client: N. Meck. Landfill

Project Location: Huntersville State: NC Total Depth: 60'
Logged By: TB Soil Sample Method: Air cuttings Date Started: 10-18-01 Date Complete: 10-19-01
Driller: T. Trybuba / R. Simmons Drill Method: Air Rotary Equipment Type: Centerra CT-250 Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs Dry 24 hrs 51.35'
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
	40							
	45			Hard Gray Granite				
	50							
	55							
	60			Air Rotary Drilling Terminated @ 60' bgs; Set 2" PVC well				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-1 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 12'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown slightly clayey Silt				
	5.0							
				Tan-brown sandy Silt w/rock frags				
	10.0							
				Auger Refusal @ 12 feet bgs				
				Set 1" sch.40 PVC well; screened from 7-12';				
				sand to 6'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-2 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 20'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
	5.0			Brown slightly clayey Silt				
	10.0							
				Tan-brown sandy Silt w/rock frags				
	15.0							
	20.0							
				Auger Refusal @ 20 feet bgs				
				Set 1" sch.40 PVC well; screened from 10-20';				
				sand to 8'; bentonite to 6'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-3 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 17'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/19/2012 Date Complete: 4/19/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown slightly clayey sandy Silt				
	5.0							
	10.0			Gray-brown slightly clayey sandy Silt w/rock frags				
	15.0							
				Auger Refusal @ 17 feet bgs Set 1" sch.40 PVC well; screened from 7-17'; sand to 6'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-4 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 12'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/19/2012 Date Complete: 4/19/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown sandy Silt				GW @ 3'
	5.0							
				Tan-brown sandy Silt with rock fragments				
	10.0							
				Set 1" sch.40 PVC well; screened from 6-11'; sand to 5'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-5 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 11'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/19/2012 Date Complete: 4/19/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown slightly clayey sandy Silt				
	5.0							
				Tan-brown sandy Silt w/rock frags				
	10.0							
				Set 1" sch.40 PVC well; screened from 6-11'; sand to 5'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-6 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 11'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/19/2012 Date Complete: 4/19/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown slightly clayey sandy Silt				
	5.0							
				Gray-brown sandy Silt w/rock frags				
	10.0							
				Set 1" sch.40 PVC well; screened from 6-11'; sand to 5'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-7 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 11'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Brown clayey Silt				
	5.0			Dark gray-brown sandy Silt w/rock frags				
	10.0			Set 1" sch.40 PVC well; screened from 6-11'; sand to 5'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-8 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 12'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Gray-brown sandy Silt w/rock frags				
	10.0							
				Set 1" sch.40 PVC well; screened from 7-12'; sand to 6'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-9 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 12'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Gray-brown sandy Silt w/rock frags				
	10.0							
				Set 1" sch.40 PVC well; screened from 7-12'; sand to 6'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-10 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 12'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

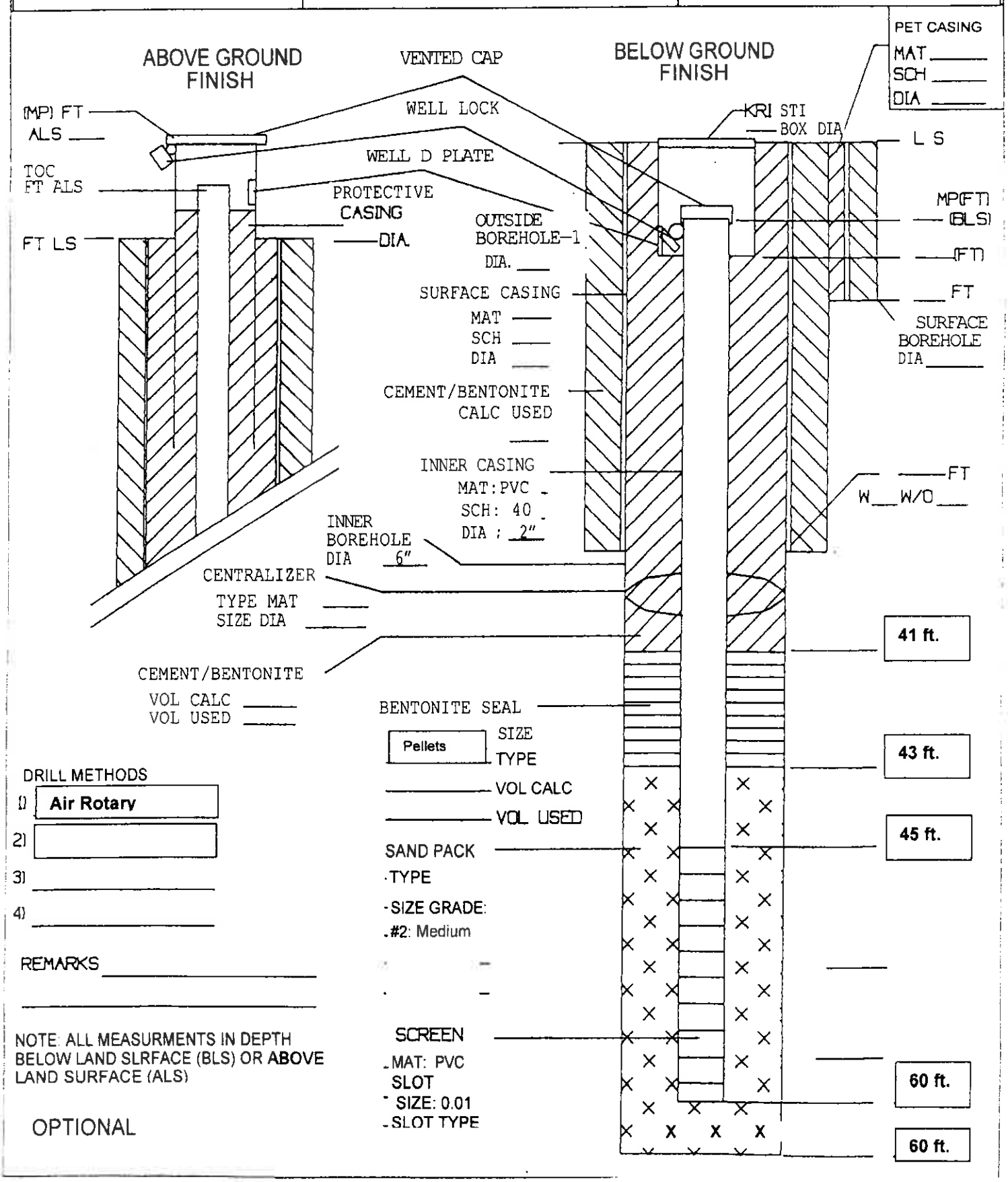
Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Brown sandy Silt w/rock frags				
	10.0							
				Auger Refusal @ 12 feet bgs				
				Set 1" sch.40 PVC well; screened from 7-12';				
				sand to 6'; bentonite to 4'; grout to surface				

ENVIRO-PRO, P.C. Fort Mill, South Carolina	LITHOLOGIC LOG	Boring No.: MMW-11 Job No: EP-1442 Client: Greenway Waste Solutions @ N.Meck, LLC.

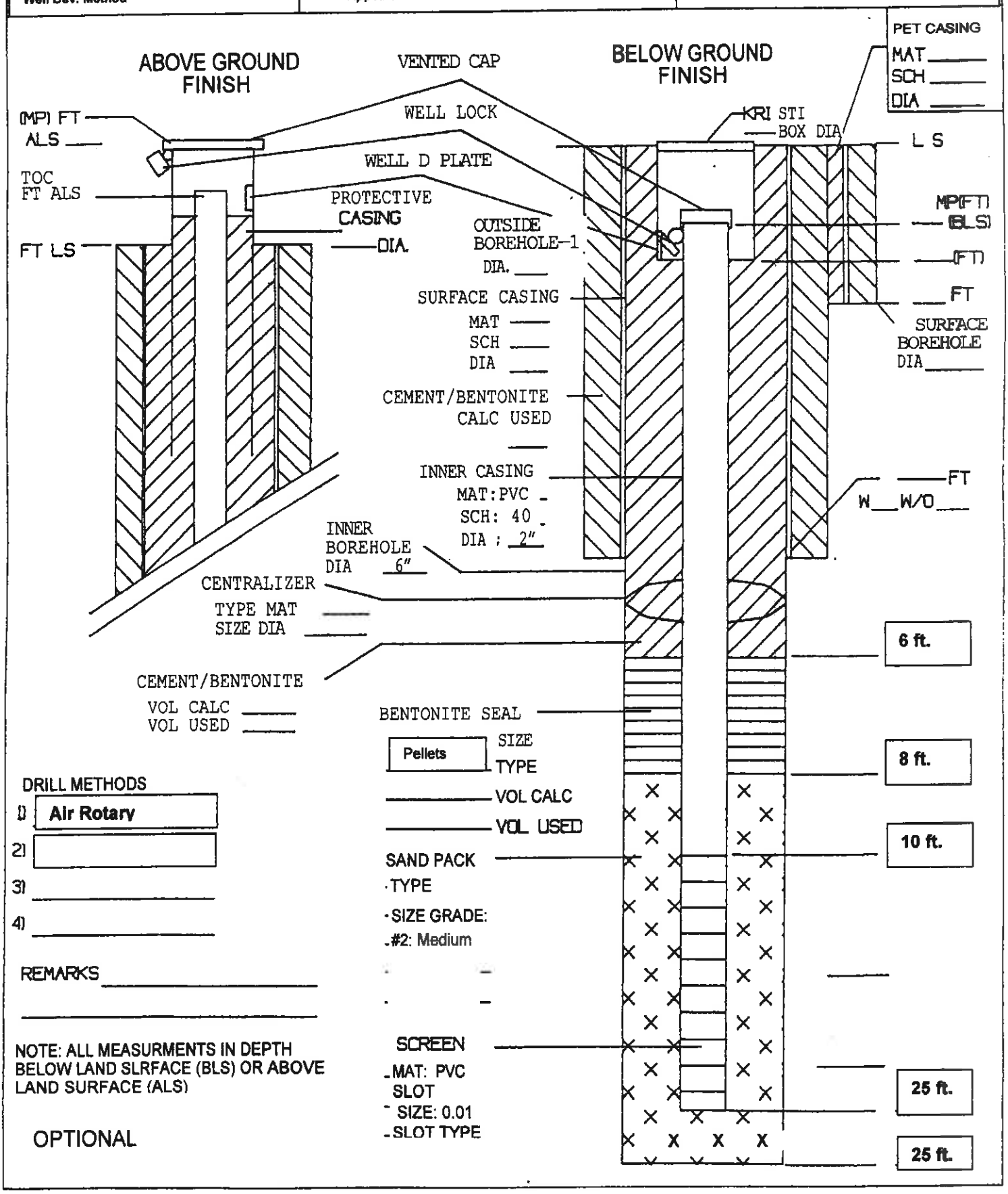
Project Location: 15300 Holbrooks Road, Huntersville State: NC Total Depth: 11'
Logged By: THB Soil Sample Method: Soil cuttings Date Started: 4/20/2012 Date Complete: 4/20/2012
Driller: Tommy w/EDPS Drill Method: HSA Equipment Type: Geoprobe 7728 DT Boring Diameter: 6"
Soil Gas Sample Method: Groundwater (bmp): 0 hrs 24 hrs
Land Surface Elevation (LS): Measuring Point Elev. (MP): Remarks:

Elevation ft.	Depth ft.	SPT/Interval	Sample ID No.	Description	Soil Gas	Moisture	USCS Log	Comments
				Tan-brown slightly clayey sandy Silt				
	5.0							
				Gray-brown sandy Silt w/rock frags				
	10.0							
				Set 1" sch.40 PVC well; screened from 6-11'; sand to 5'; bentonite to 4'; grout to surface				

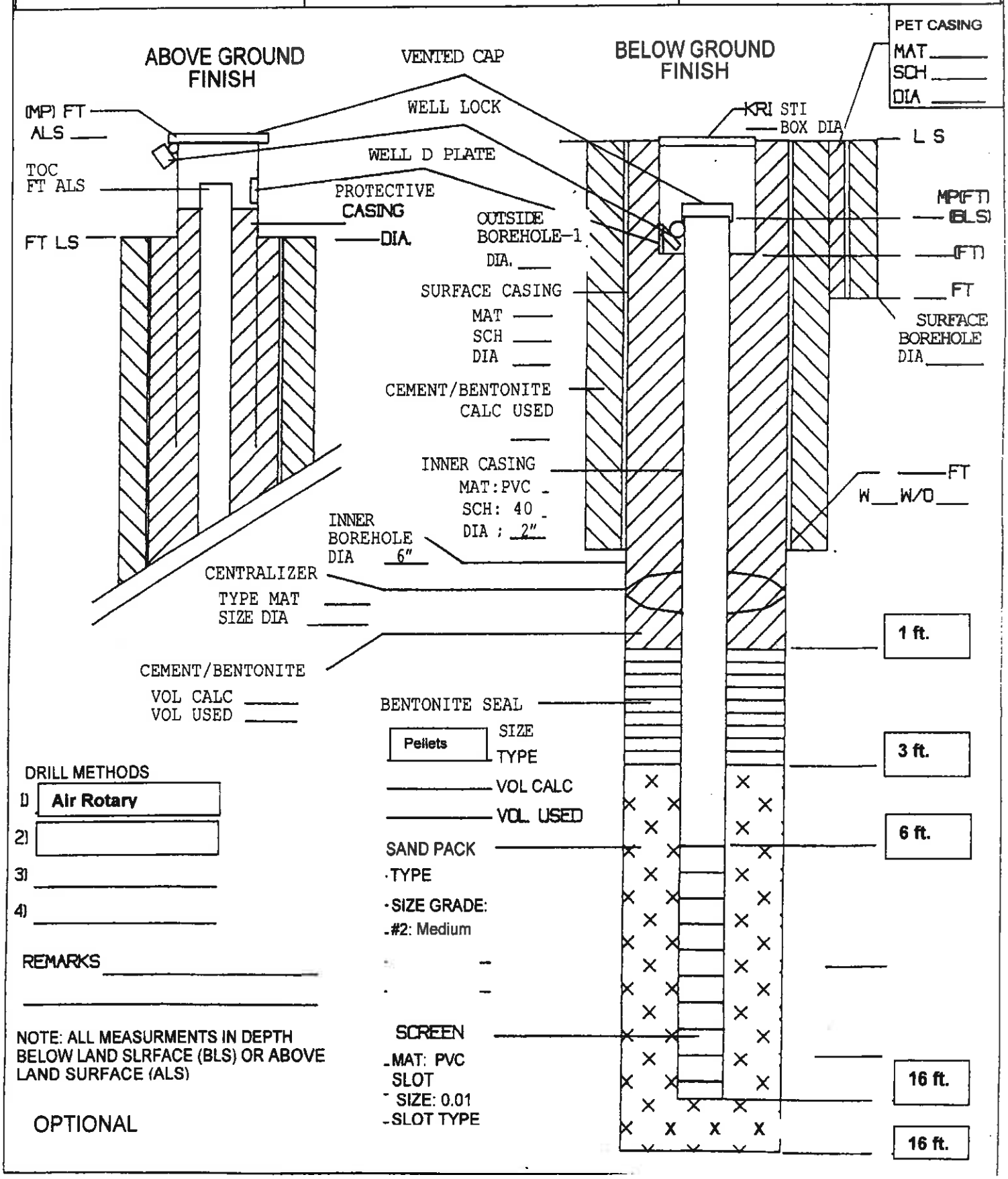
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-1 Job #: EP-1401 Client: Griffin Brothers, LLC
Project Location North Meck LF, Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 2/8/06 Date Completed: 2/8/06
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



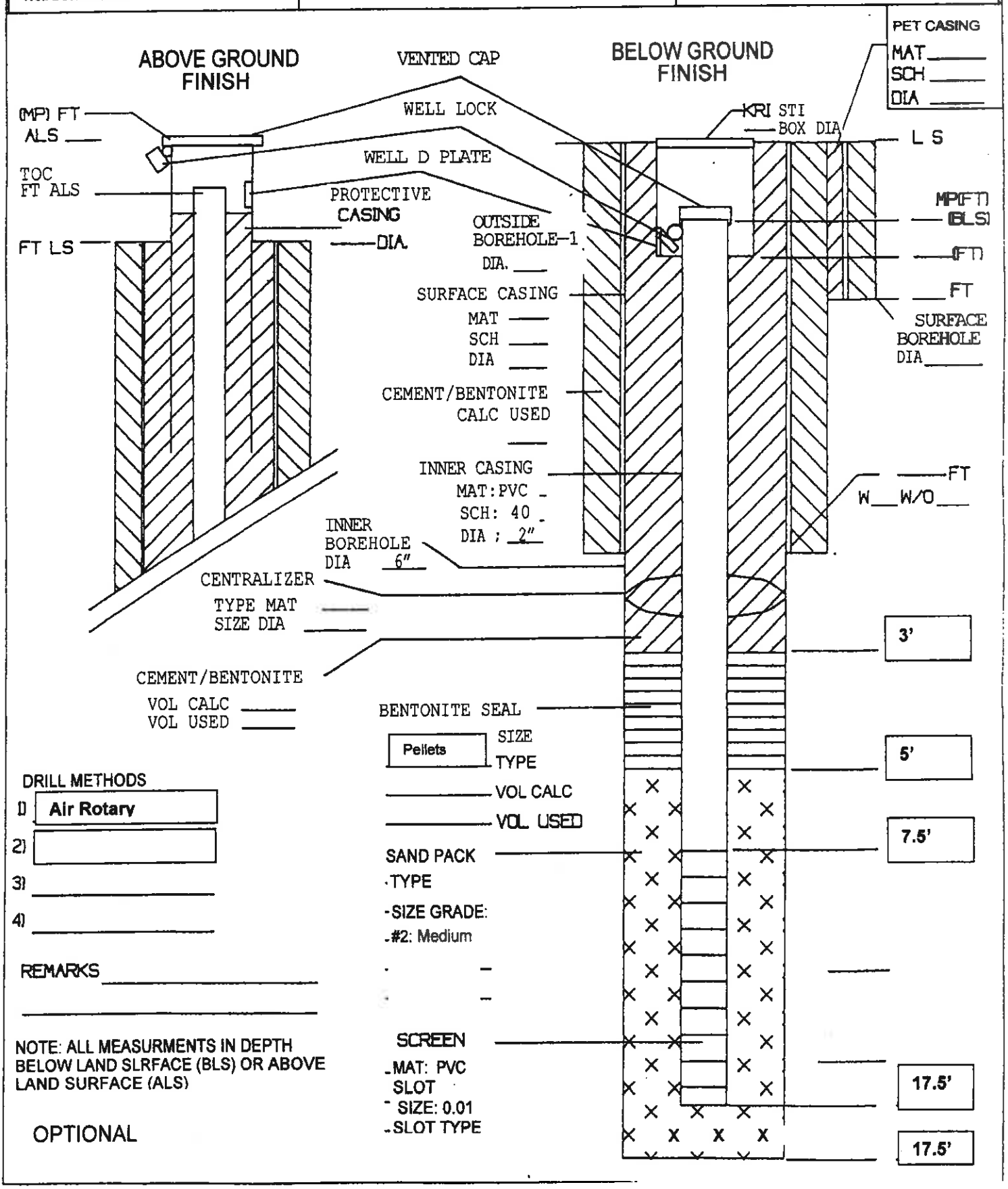
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-6 Job #: EP-1401 Client: Griffin Brothers, LLC
Project Location North Meck LF, Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 2/8/06 Date Completed: 2/8/06
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



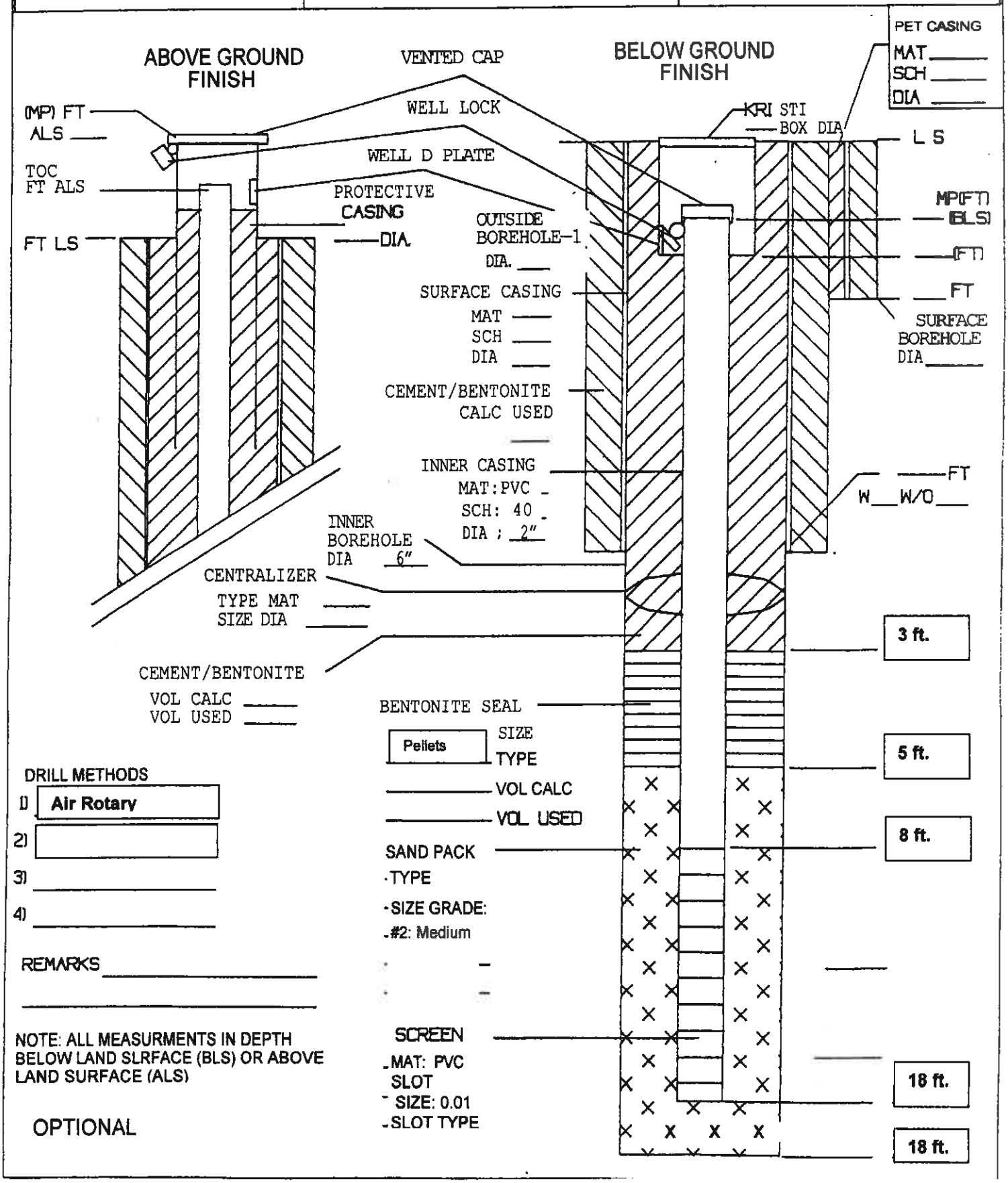
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-3 Job #: EP-1401 Client: Griffin Brothers, LLC
Project Location North Meck LF, Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 2/8/06 Date Completed: 2/8/06
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



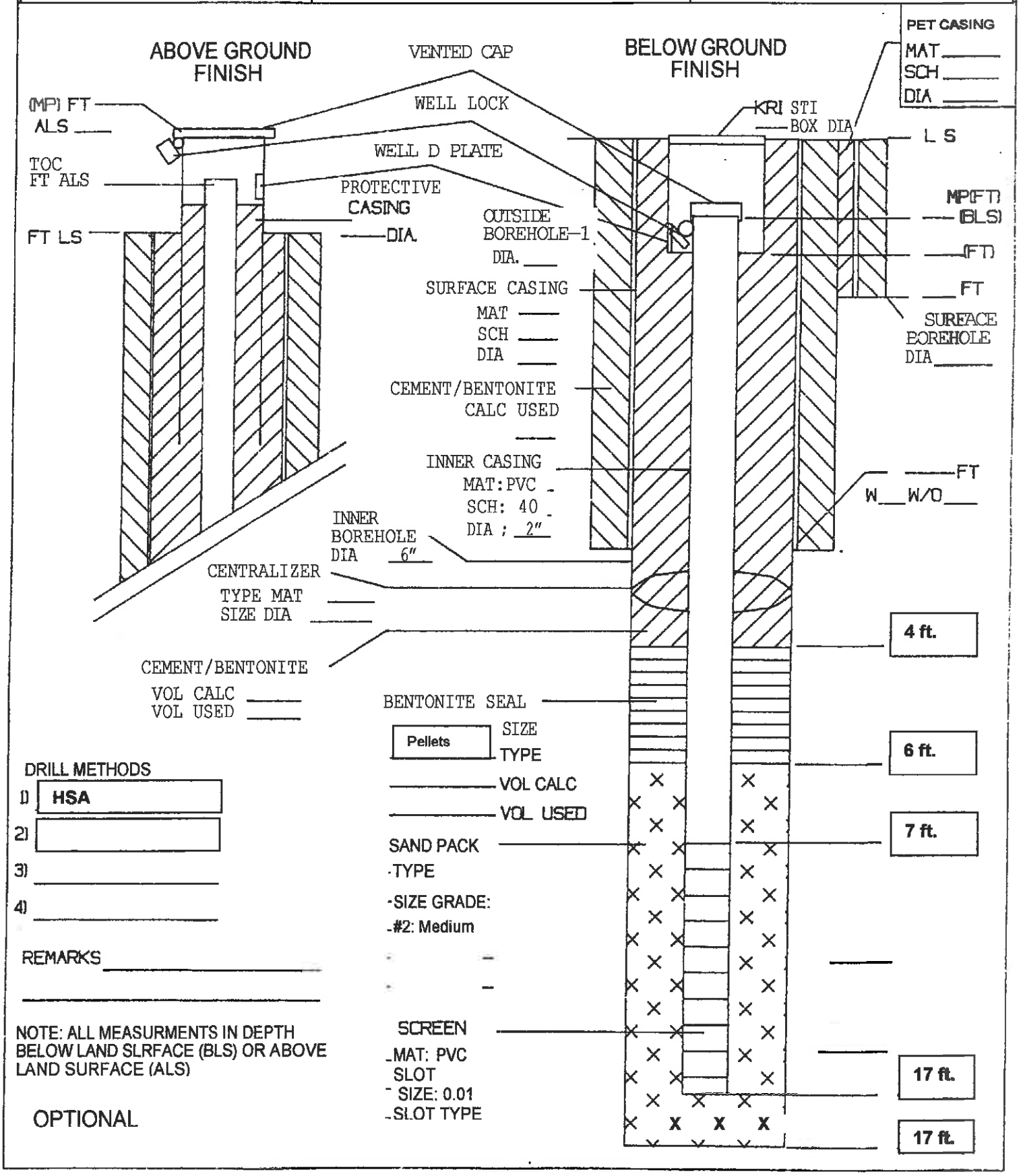
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-4 Job #: EP-1401 Client: Griffin Brothers, LLC
Project Location North Meck LF, Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 2/8/06 Date Completed: 2/8/06
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-5 Job #: EP-1401 Client: Griffin Brothers, LLC
Project Location North Meck LF, Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 2/8/06 Date Completed: 2/8/06
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:

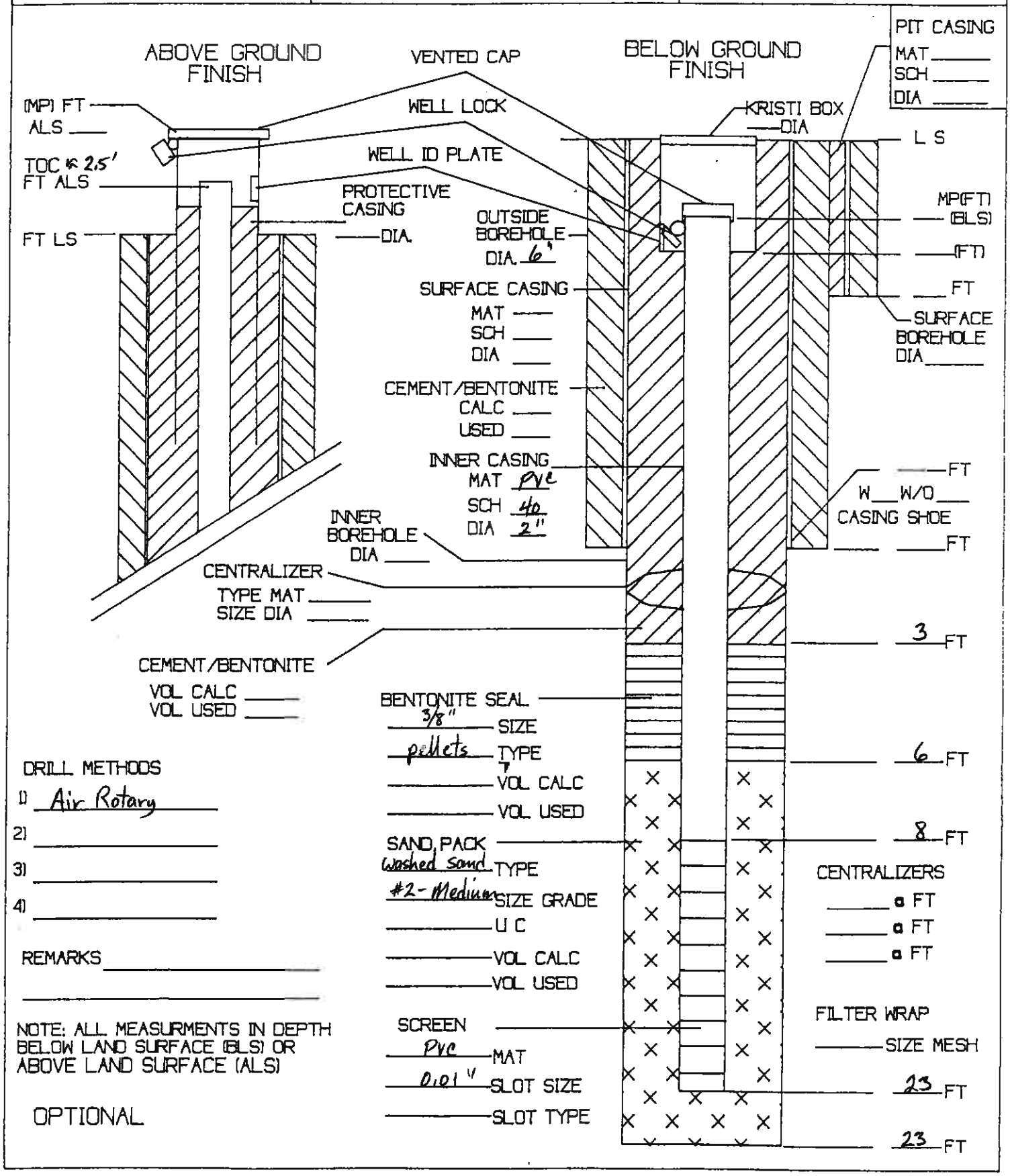


ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-6 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



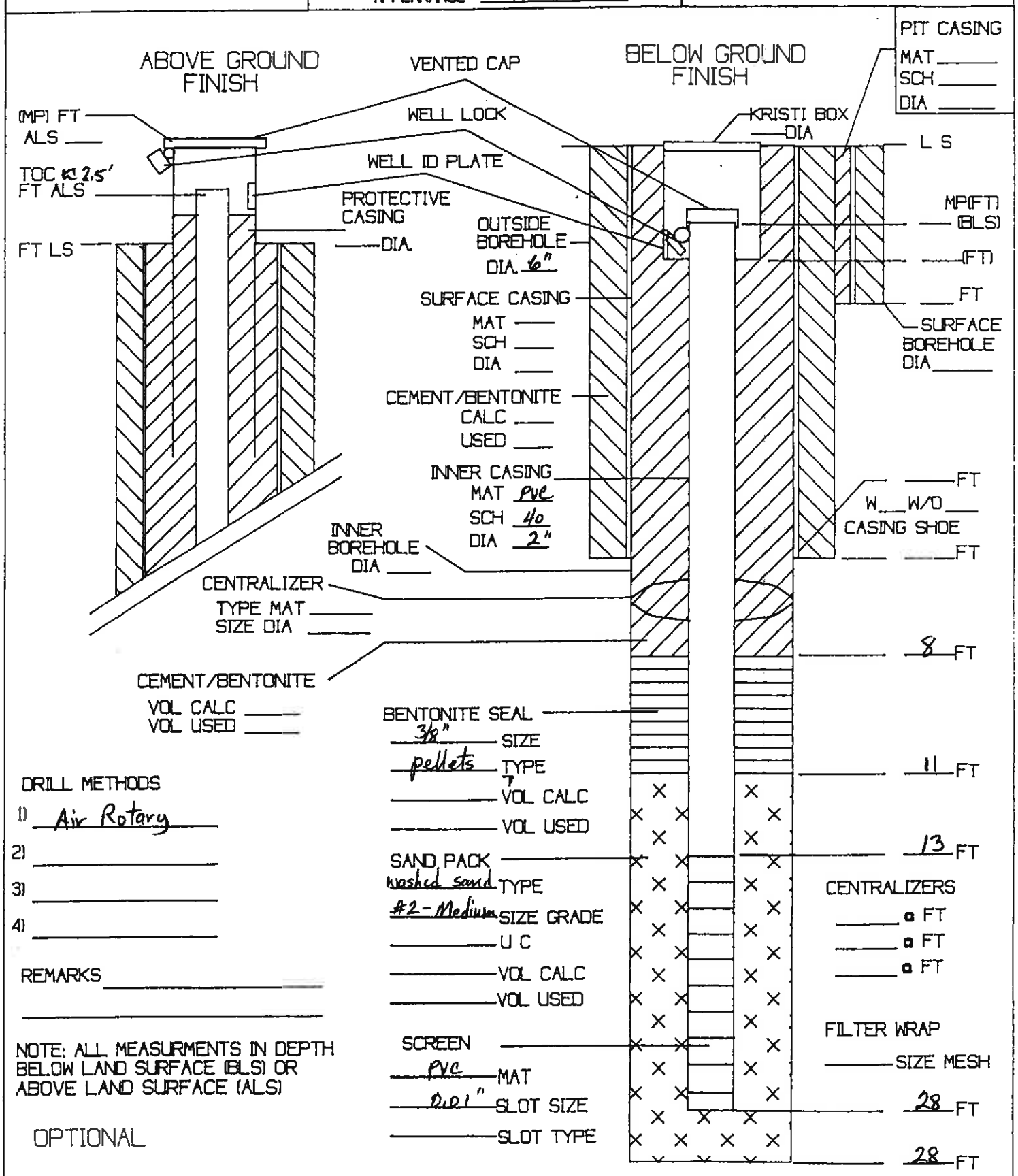
Renumbered as MW-7

ENVIRO-PRO, P.C. CHARLOTTE, NC	WELL COMPLETION LOG TYPE III	WELL # MW-15 JOB # EP-1292 CLIENT N. Meck. Landfill
PROJECT LOCATION Huntersville, NC	COUNTY Mecklenburg STATE NC	LOG BY TB
LAND SURFACE ELEV.	MEASURING PT. ELEV. (MP)	DATE BEGAN 10-18-01 DATE COMPLETED 10-19-01
WELL DEV. METHOD	VOLUME EVAC. ____ APPEARANCE ____	MONITORED FORMATION

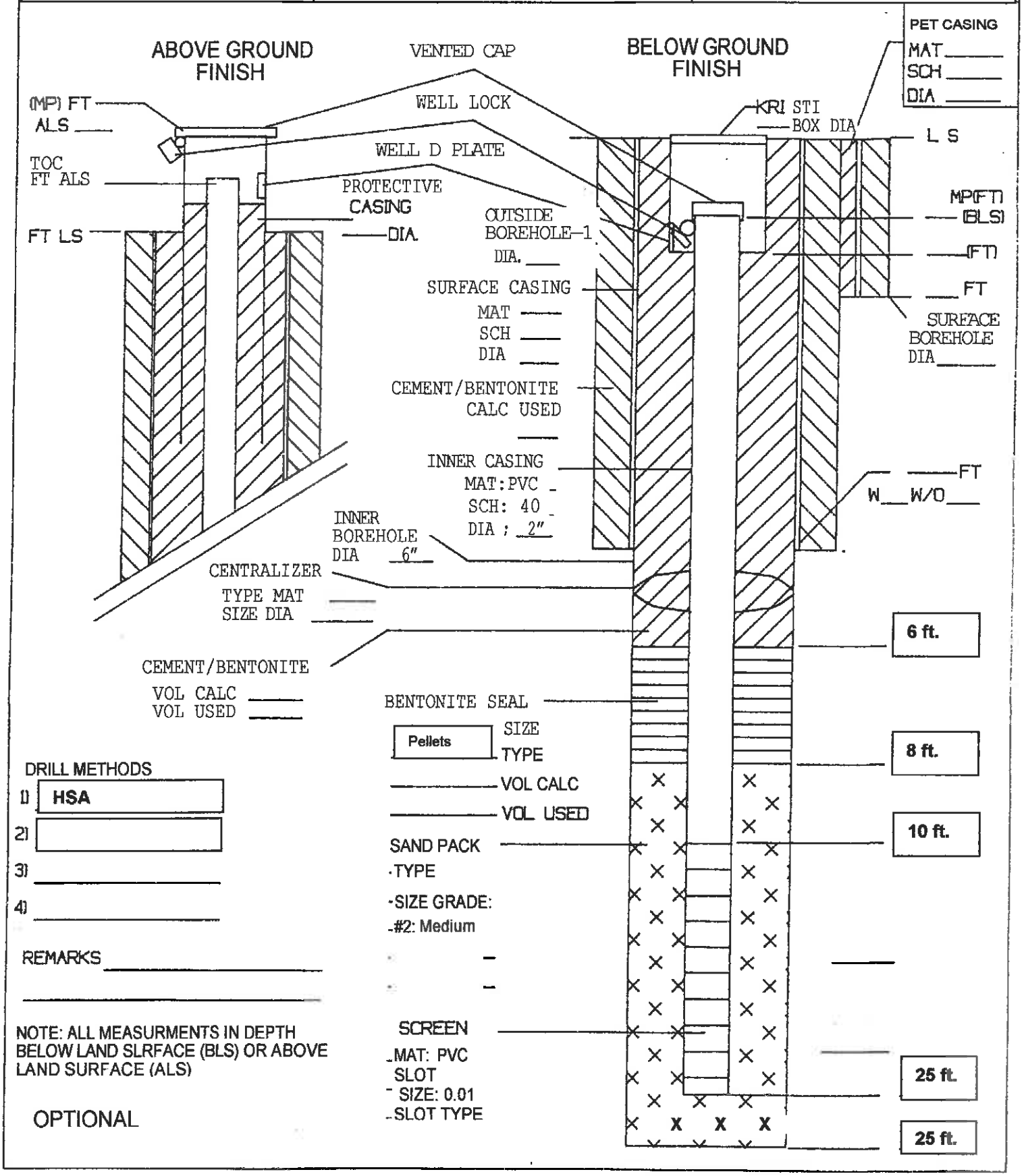


Renumbered as MW-8

ENVIRO-PRO, P.C. CHARLOTTE, NC	WELL COMPLETION LOG TYPE (III)	WELL # MW-16 JOB # EP-1292 CLIENT N. Mecklenburg Landfill
PROJECT LOCATION Huntersville, NC	COUNTY Mecklenburg STATE NC	LOG BY TB
LAND SURFACE ELEV.	MEASURING PT. ELEV. (MP)	DATE BEGAN 10-18-01 DATE COMPLETED 10-19-01
WELL DEV. METHOD	VOLUME EVAC. ____ APPEARANCE ____	MONITORED FORMATION

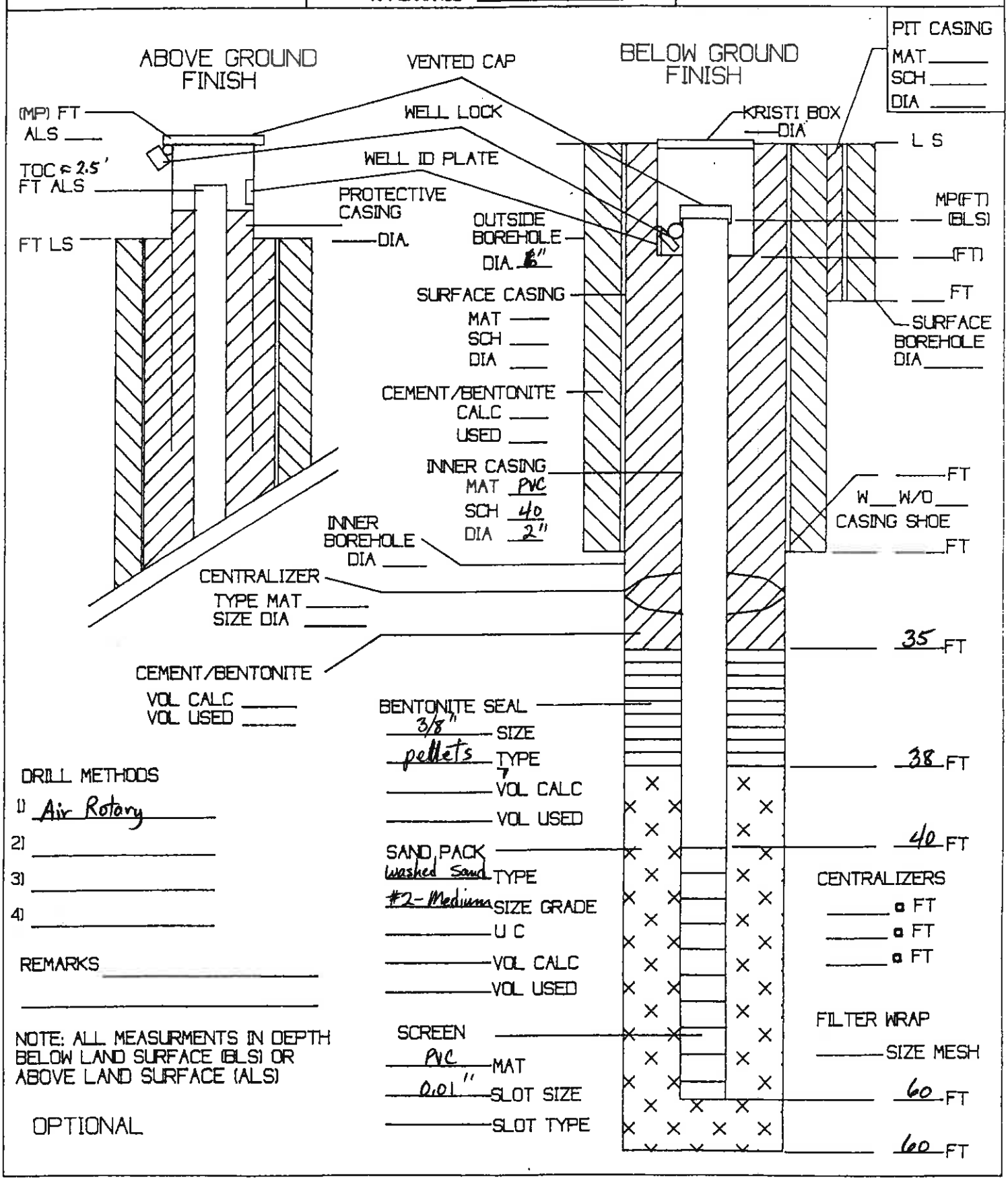


ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MW-9 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:

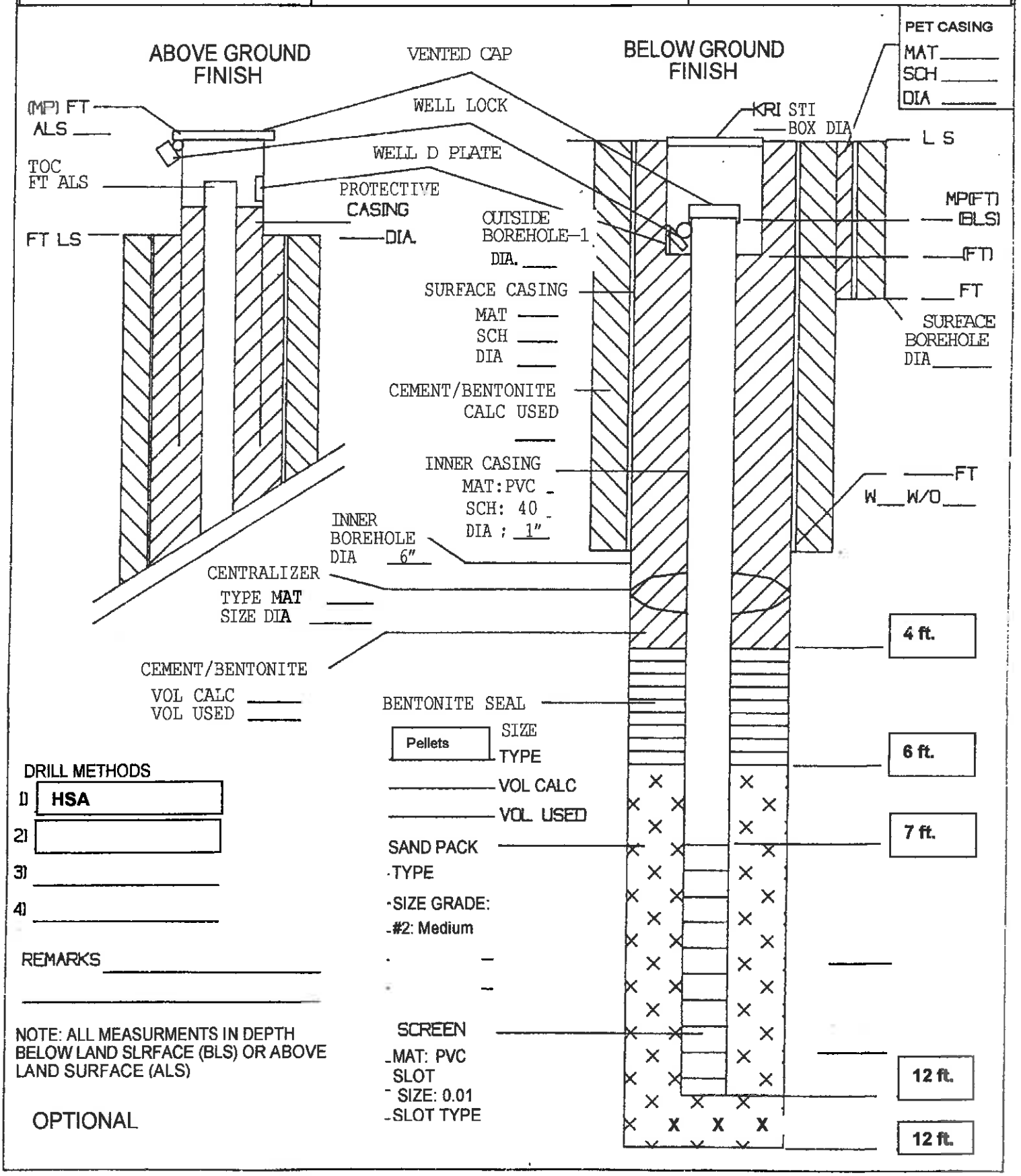


Renumbered as MW-10

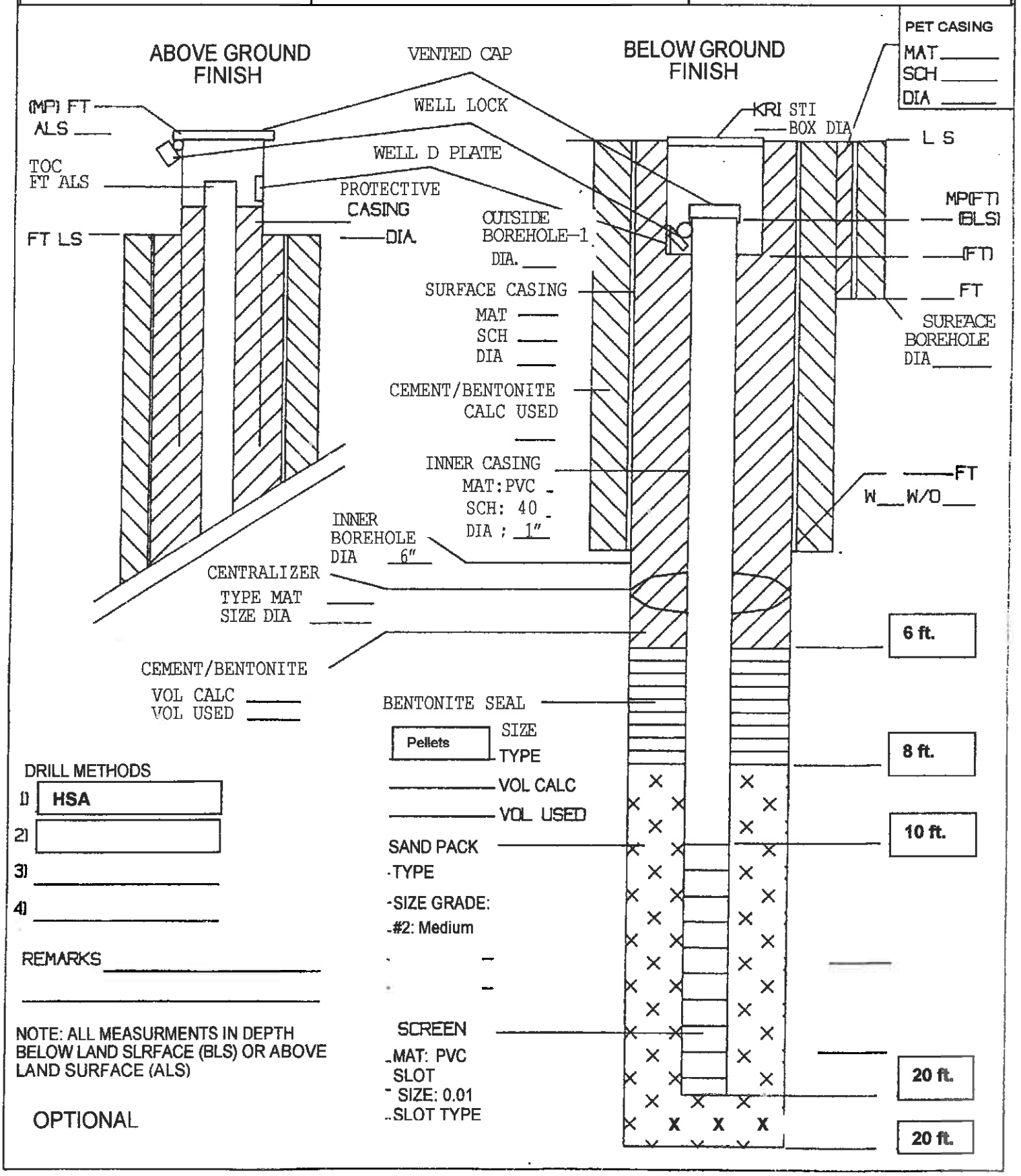
ENVIRO-PRO, P.C. CHARLOTTE, NC	WELL COMPLETION LOG TYPE (III)	WELL # MW-12 JOB # EP-1292 CLIENT A). Meck. Landfill
PROJECT LOCATION Huntersville, NC	COUNTY Mecklenburg STATE NC	LOG BY FB
LAND SURFACE ELEV.	MEASURING PT. ELEV. (MP)	DATE BEGAN 10-18-01 DATE COMPLETED 10-19-01
WELL DEV. METHOD	VOLUME EVAC. ____ APPEARANCE ____	MONITORED FORMATION



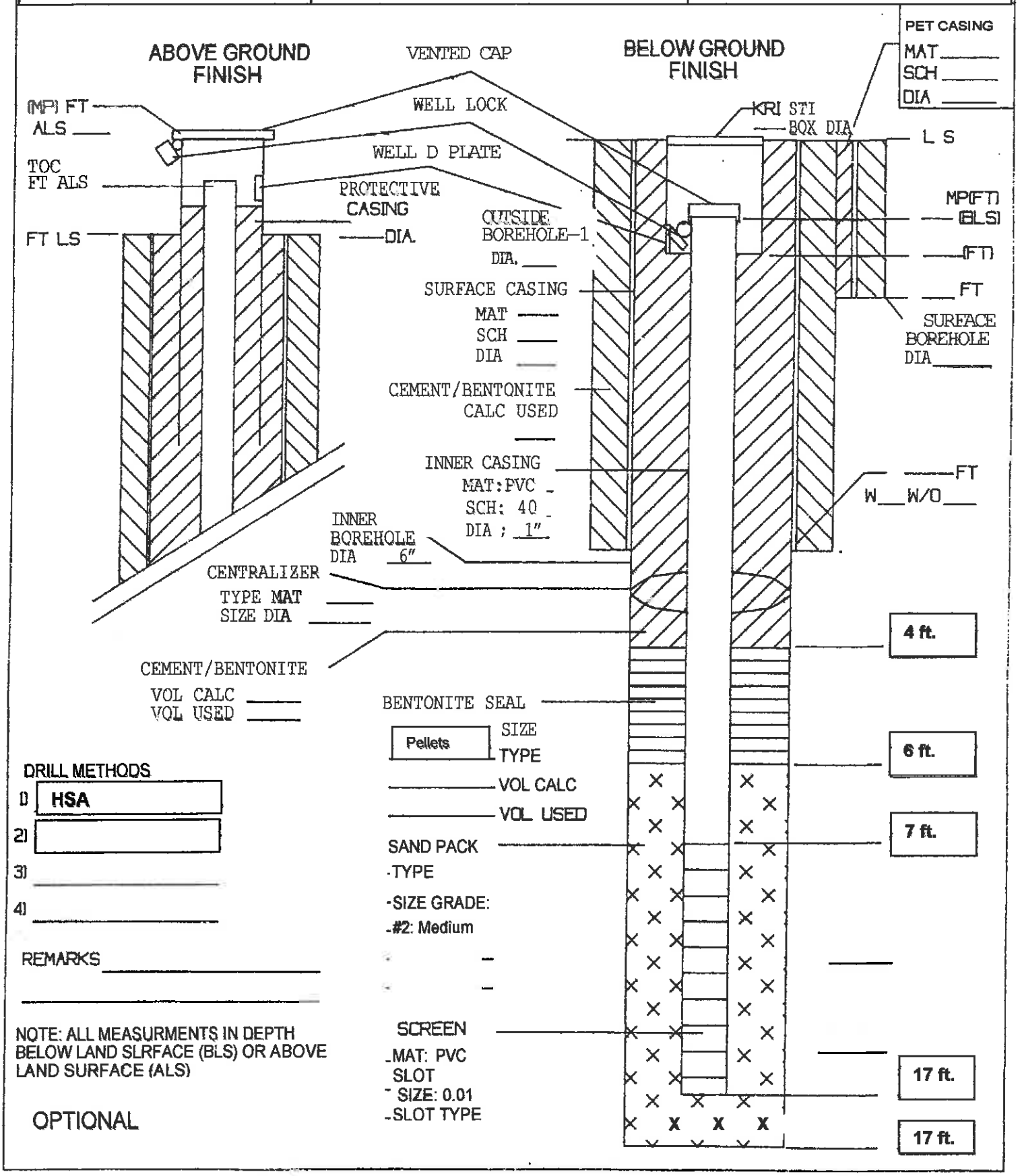
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-1 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



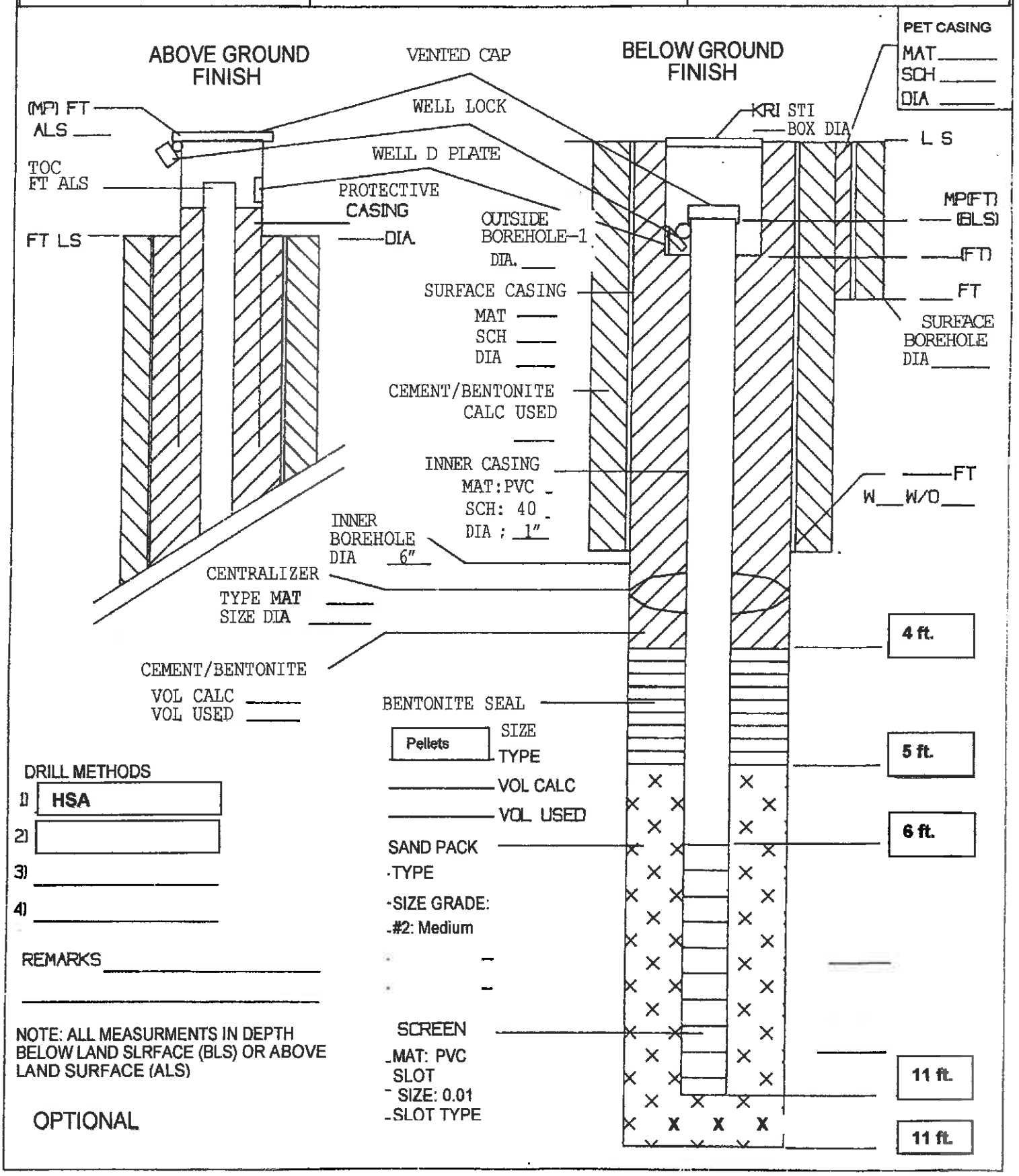
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-2 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



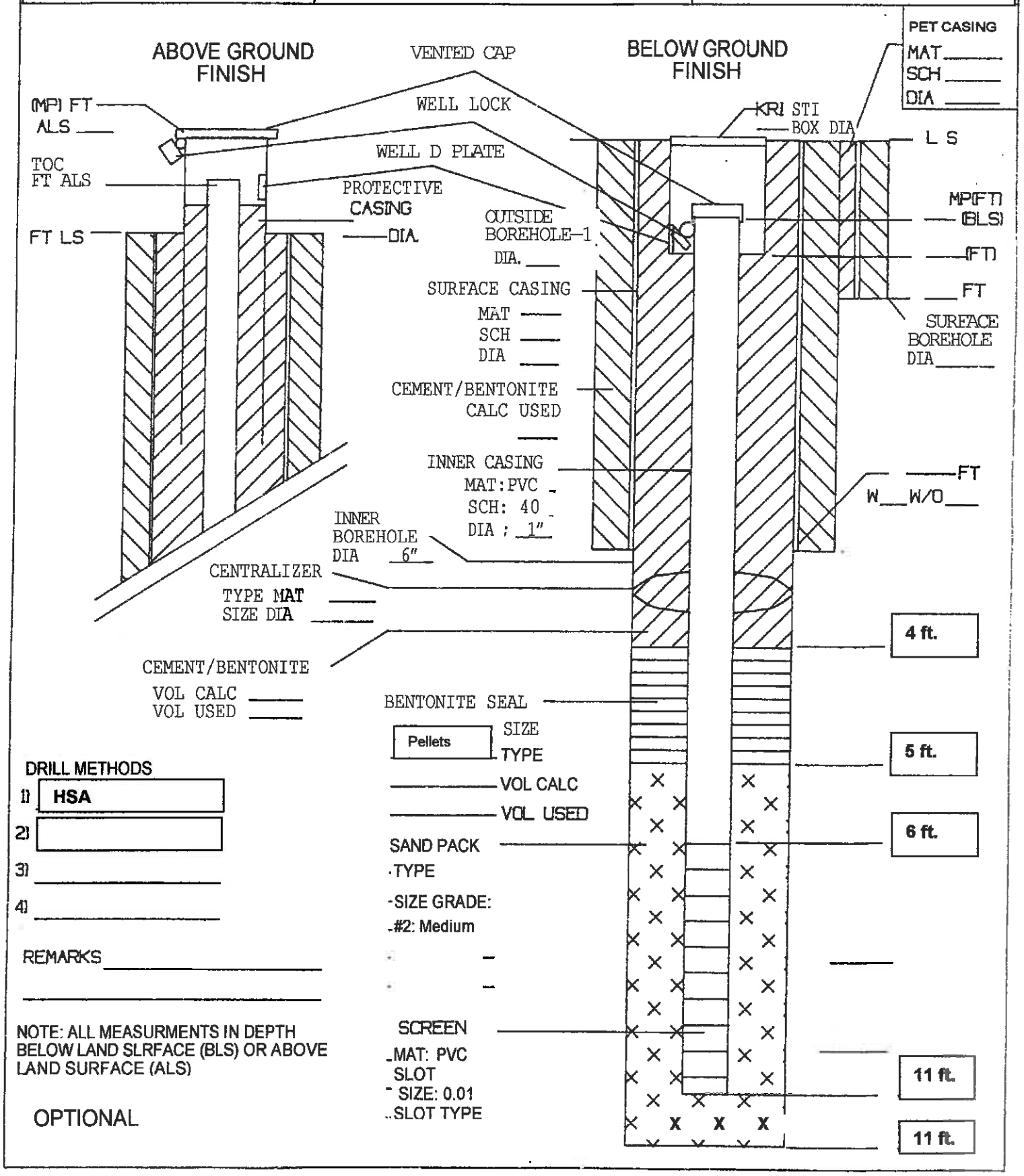
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-3 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/19/12 Date Completed: 4/19/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



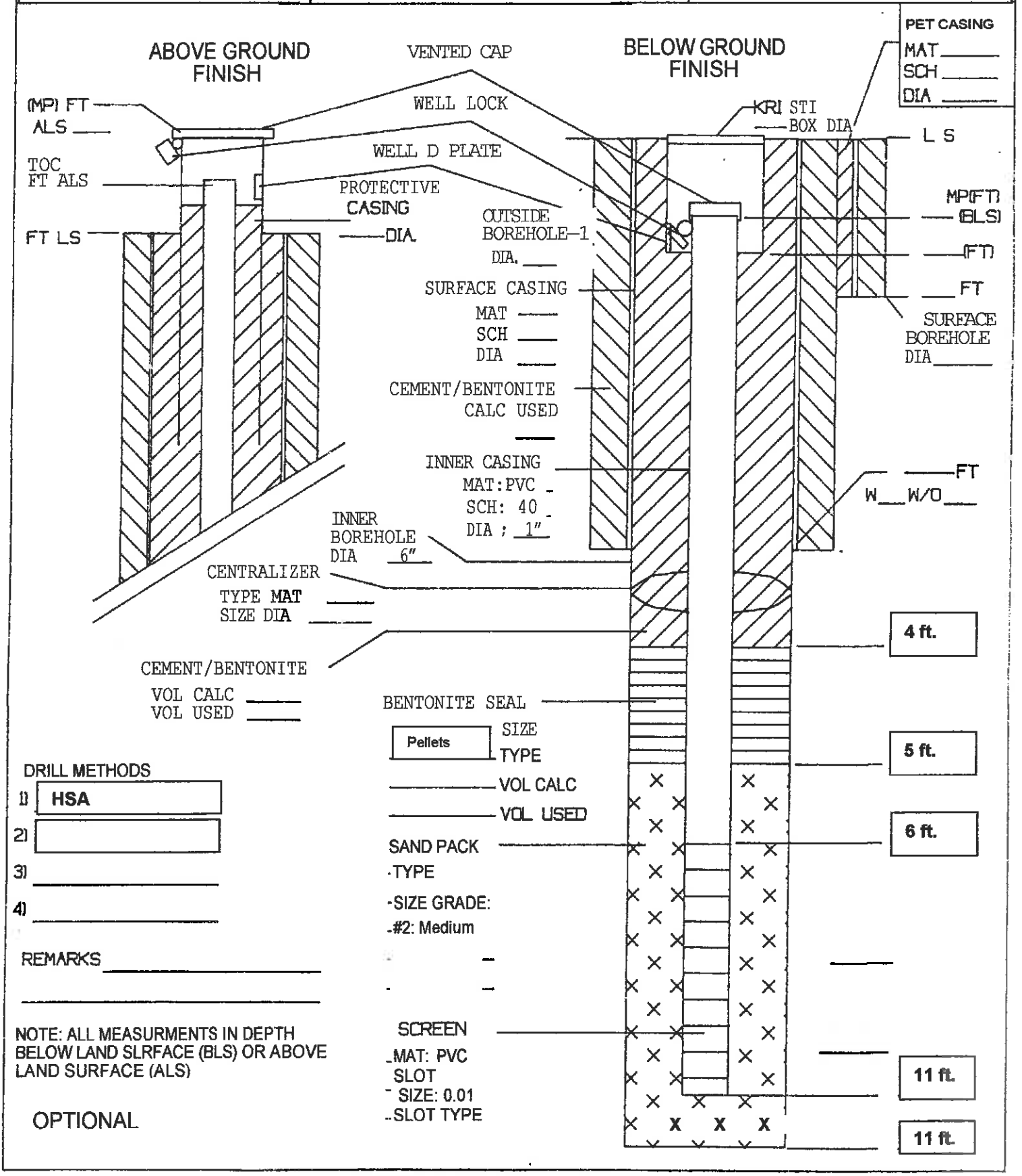
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-4 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/19/12 Date Completed: 4/19/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



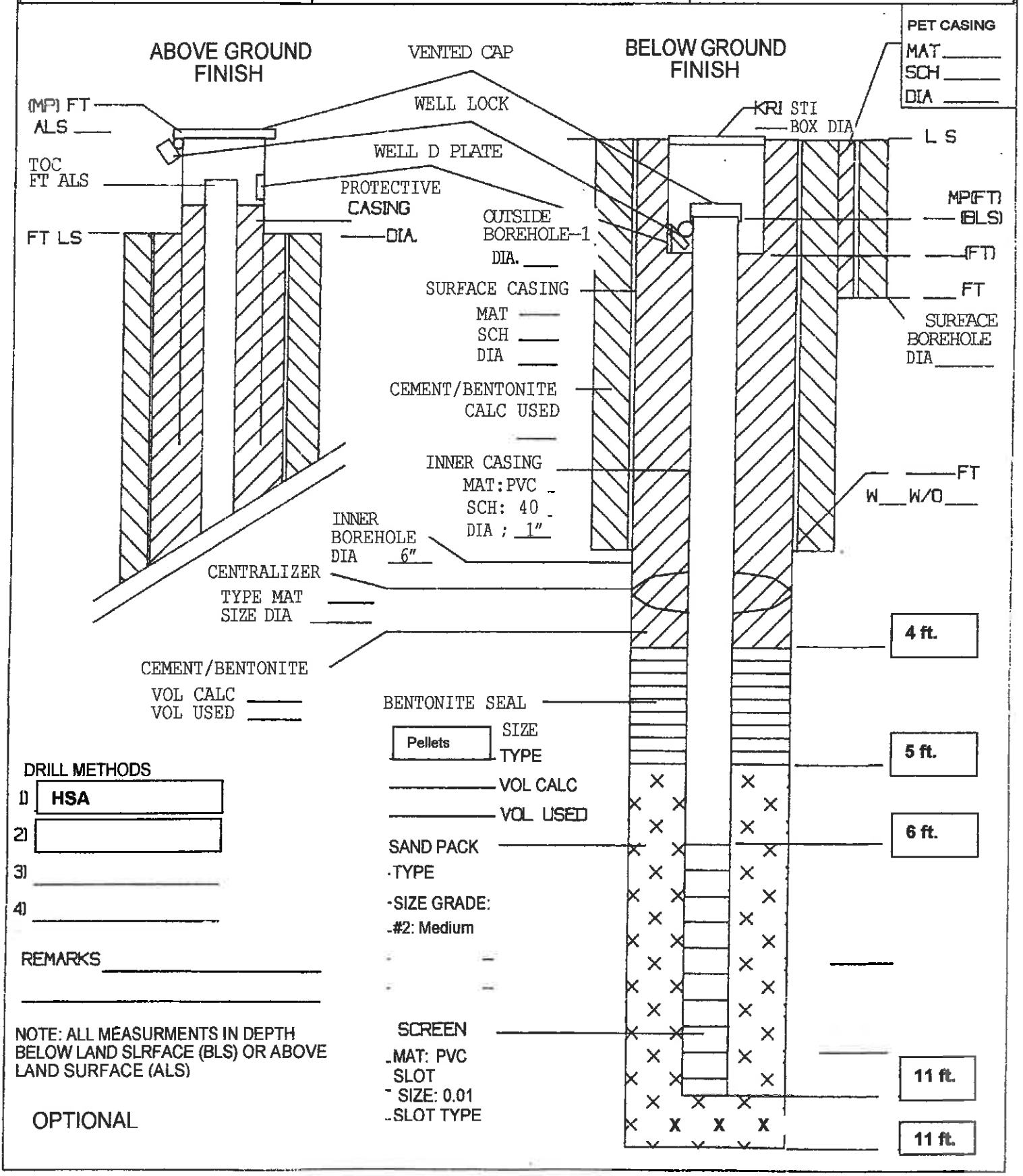
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-5 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/19/12 Date Completed: 4/19/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



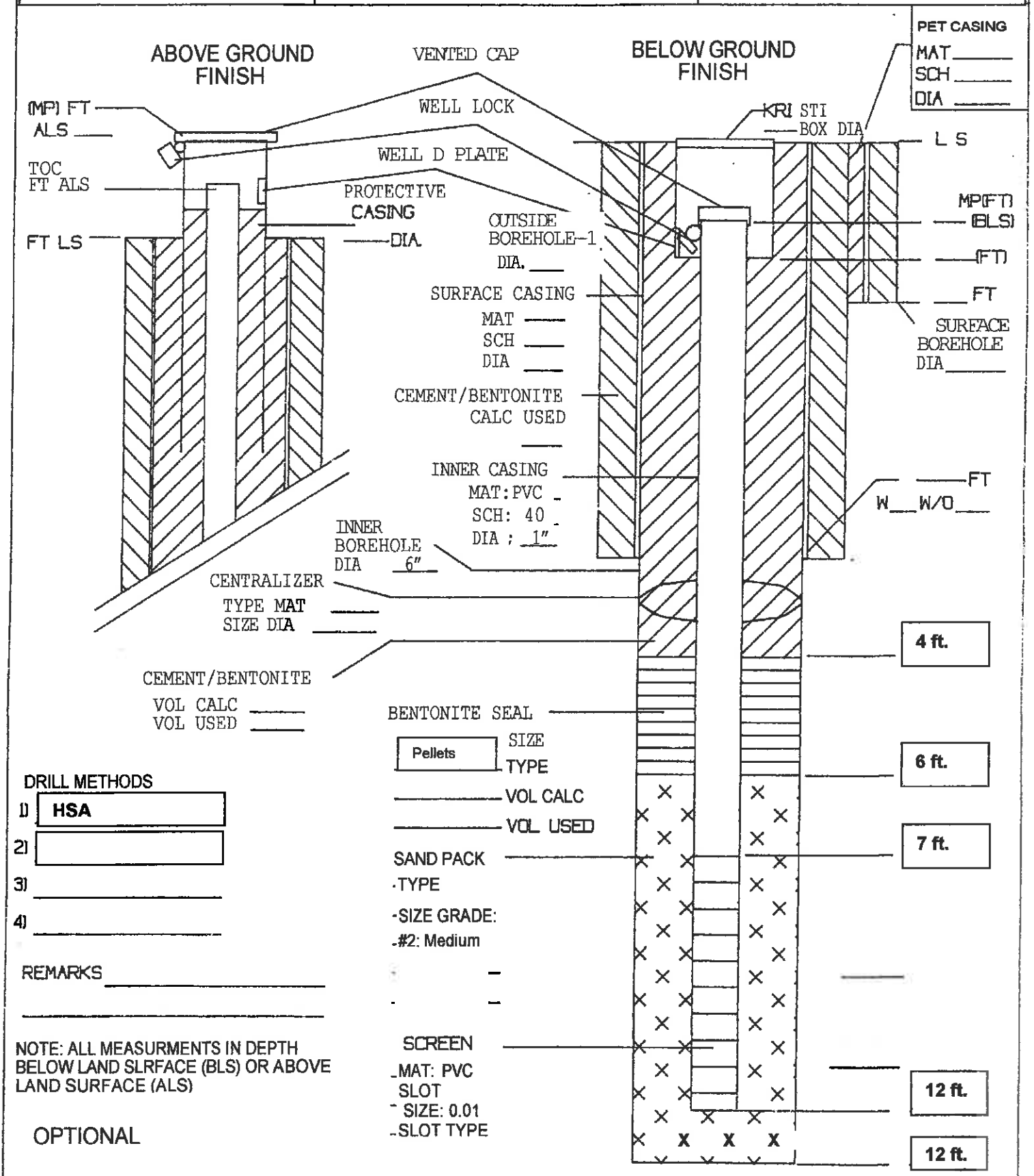
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-6 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/19/12 Date Completed: 4/19/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



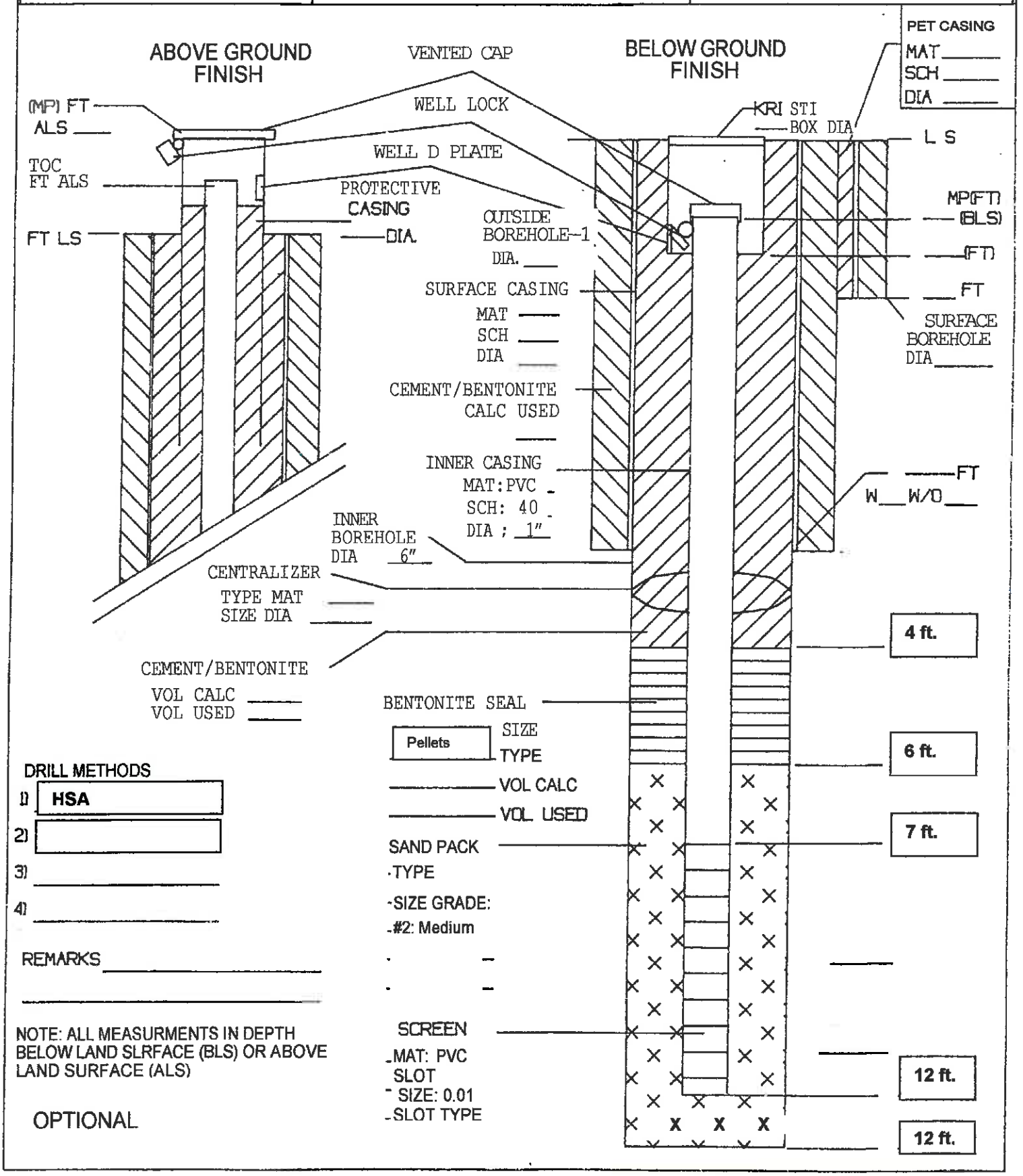
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-7 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



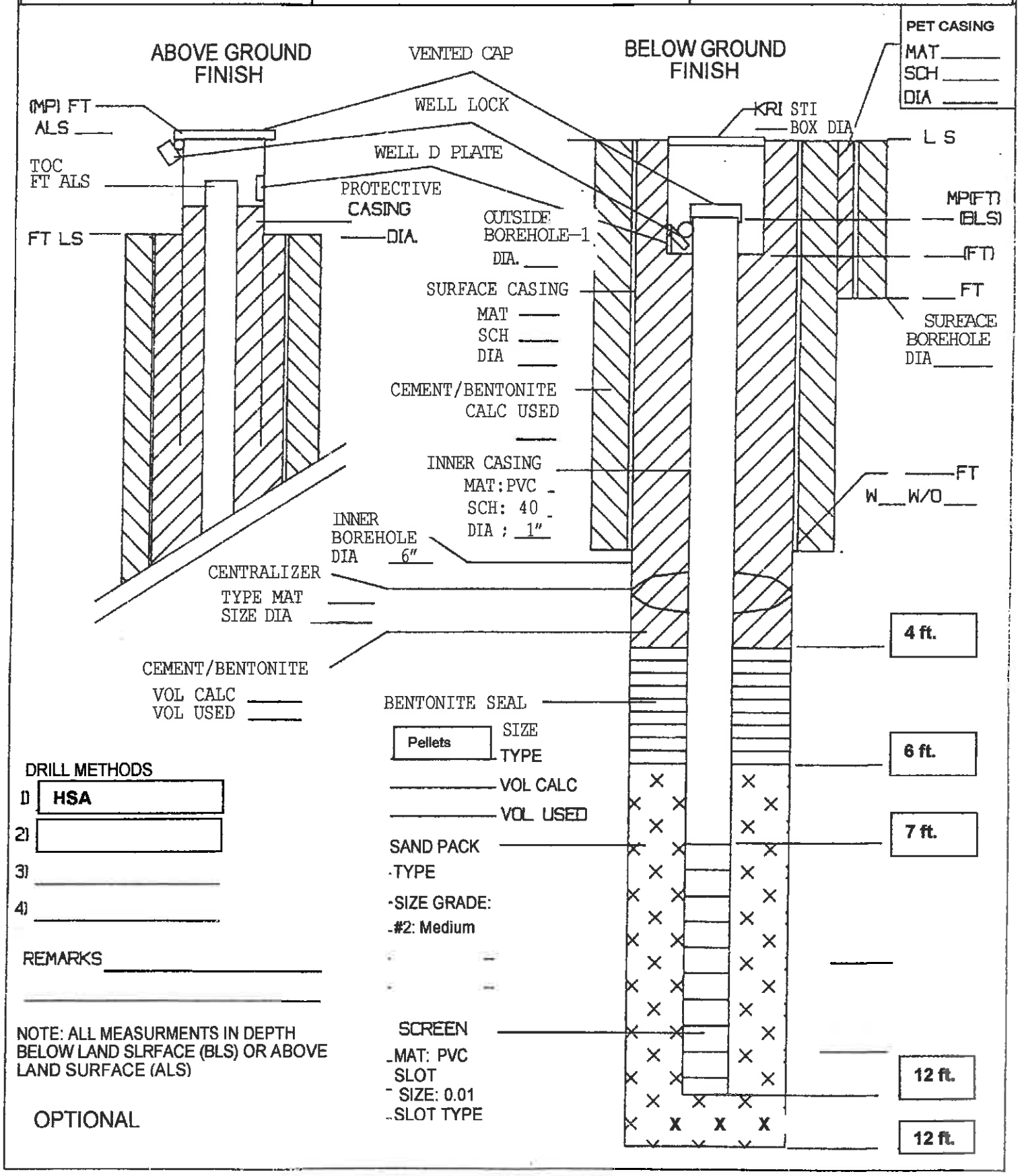
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-8 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



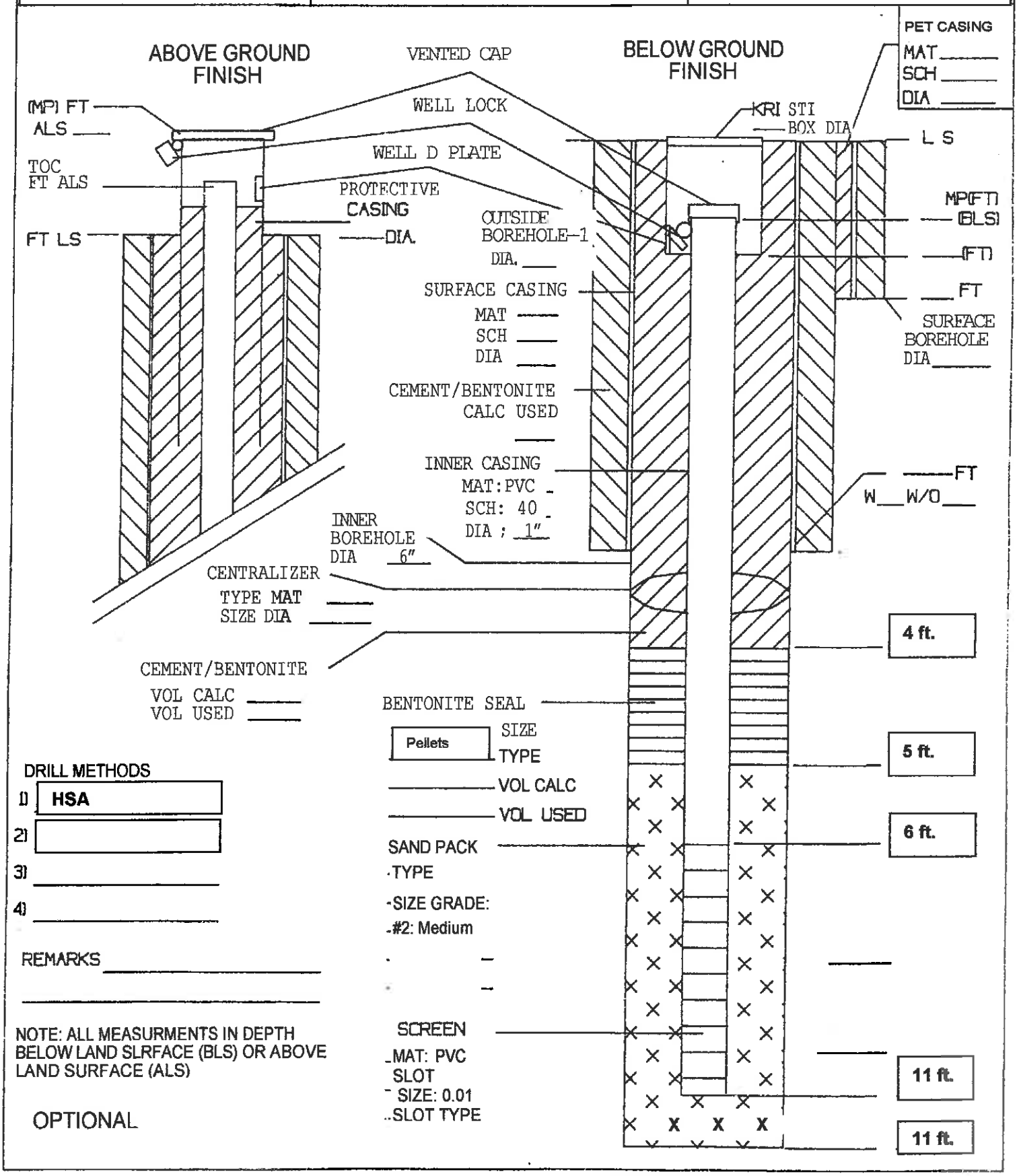
ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-9 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-10 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



ENVIRO-PRO, P.C. Fort Mill, SC	Well Completion Log Type II	Well #: MMW-11 Job #: EP-1442 Client: Greenway Waste Sol.@ N.Meck,LLC
Project Location 15300 Holbrooks Road, Huntersville	County Mecklenburg State NC	Logged By: THB
Land Surface Elev.	Measuring Pt. Elev.	Date Began: 4/20/12 Date Completed: 4/20/12
Well Dev. Method	Volume Evacuated: Appearance:	Monitored Formation:



APPENDIX B

Pace Analytical
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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-9921

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 27, 2012

Tom Bolyard
Enviro Pro
2646 Farm Lake Lane
Fort Mill, SC 29708

RE: Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Dear Tom Bolyard:
Enclosed are the analytical results for sample(s) received by the laboratory on June 18, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charles Hardin

tripp.hardin@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460147

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SAMPLE SUMMARY

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92121682001	1442-MW1	Water	06/15/12 08:00	06/18/12 16:05
92121682002	1442-MW2	Water	06/15/12 08:30	06/18/12 16:05
92121682003	1442-MW3	Water	06/15/12 09:00	06/18/12 16:05
92121682004	1442-MW4	Water	06/15/12 09:30	06/18/12 16:05
92121682005	1442-MW5	Water	06/15/12 10:00	06/18/12 16:05
92121682006	1442-MW6	Water	06/15/12 10:30	06/18/12 16:05
92121682007	1442-MW7	Water	06/15/12 11:00	06/18/12 16:05
92121682008	1442-MW8	Water	06/15/12 11:30	06/18/12 16:05
92121682009	1442-MW9	Water	06/15/12 12:00	06/18/12 16:05
92121682010	1442-MW10	Water	06/15/12 12:30	06/18/12 16:05
92121682011	1442-SW1	Water	06/15/12 12:45	06/18/12 16:05
92121682012	1442-SW2	Water	06/15/12 13:00	06/18/12 16:05
92121682013	1442-SW3	Water	06/15/12 13:15	06/18/12 16:05
92121682014	1442-SW4	Water	06/15/12 13:30	06/18/12 16:05
92121682015	Field Blank	Water	06/15/12 10:15	06/18/12 16:05
92121682016	Trip Blank	Water	06/15/12 00:00	06/18/12 16:05

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SAMPLE ANALYTE COUNT

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92121682001	1442-MW1	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682002	1442-MW2	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682003	1442-MW3	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682004	1442-MW4	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682005	1442-MW5	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682006	1442-MW6	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682007	1442-MW7	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682008	1442-MW8	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682009	1442-MW9	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682010	1442-MW10	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92121682011	1442-SW1	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
92121682012	1442-SW2	EPA 6010	JMW	15	PASI-A

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SAMPLE ANALYTE COUNT

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
92121682013	1442-SW3	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
92121682014	1442-SW4	EPA 6010	JMW	15	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	KJM	54	PASI-C
92121682015	Field Blank	EPA 8260	KJM	54	PASI-C
92121682016	Trip Blank	EPA 8260	KJM	54	PASI-C

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW1 **Lab ID: 92121682001** Collected: 06/15/12 08:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 15:46	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-38-2	
Barium	**73.3J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:09	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:09	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:09	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:09	7440-28-0	
Vanadium	**7.9J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:09	7440-62-2	
Zinc	**17.5**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:09	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:15	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 02:04	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 02:04	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 02:04	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 02:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 02:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 02:04	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 02:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 02:04	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 02:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 02:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 02:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 02:04	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 02:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 02:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 02:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 02:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 02:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 02:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:04	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 02:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 02:04	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 02:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 02:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 02:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 02:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 02:04	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW1 **Lab ID: 92121682001** Collected: 06/15/12 08:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 02:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 02:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 02:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:04	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 02:04	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 02:04	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 02:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 02:04	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 02:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 02:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 02:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 02:04	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 02:04	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 02:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 02:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 02:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 02:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 02:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 02:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 02:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 02:04	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 02:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 02:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 02:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/21/12 02:04	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/21/12 02:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		06/21/12 02:04	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/21/12 02:04	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**120000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**203000**	ug/L	25000	25000	1		06/20/12 18:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**7600J**	ug/L	250000	2000	1		06/25/12 00:58	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**6500**	ug/L	1000	1000	1		06/26/12 12:32	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW2 **Lab ID: 92121682002** Collected: 06/15/12 08:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 15:54	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-38-2	
Barium	**50.1J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:15	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:15	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:15	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:15	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:15	7440-62-2	
Zinc	**11.8**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:17	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 02:20	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 02:20	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 02:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 02:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 02:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 02:20	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 02:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 02:20	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 02:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 02:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 02:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 02:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 02:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 02:20	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 02:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 02:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 02:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 02:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:20	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 02:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 02:20	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 02:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 02:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 02:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 02:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 02:20	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW2 **Lab ID: 92121682002** Collected: 06/15/12 08:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 02:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 02:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 02:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:20	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 02:20	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 02:20	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 02:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 02:20	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 02:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 02:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 02:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 02:20	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 02:20	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 02:20	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 02:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 02:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 02:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 02:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 02:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 02:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 02:20	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 02:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 02:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 02:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/21/12 02:20	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/21/12 02:20	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		06/21/12 02:20	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/21/12 02:20	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**17900**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**201000**	ug/L	25000	25000	1		06/20/12 18:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**92200J**	ug/L	1250000	10000	5		06/26/12 09:31	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**6470**	ug/L	1000	1000	1		06/26/12 12:33	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW3 **Lab ID: 92121682003** Collected: 06/15/12 09:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:02	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-38-2	
Barium	**107**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:21	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:21	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:21	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:21	7440-28-0	
Vanadium	**15.3J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:21	7440-62-2	
Zinc	**10.3**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:21	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:20	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 02:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 02:35	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 02:35	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 02:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 02:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 02:35	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 02:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 02:35	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 02:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 02:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 02:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 02:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 02:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 02:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 02:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 02:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 02:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 02:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:35	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 02:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 02:35	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 02:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 02:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 02:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 02:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 02:35	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW3 **Lab ID: 92121682003** Collected: 06/15/12 09:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 02:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 02:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 02:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:35	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 02:35	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 02:35	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 02:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 02:35	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 02:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 02:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 02:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 02:35	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 02:35	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 02:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 02:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 02:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 02:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 02:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 02:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 02:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 02:35	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 02:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 02:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 02:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/21/12 02:35	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/21/12 02:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/21/12 02:35	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		06/21/12 02:35	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**25800**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**314000**	ug/L	25000	25000	1		06/20/12 18:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**168000J**	ug/L	2500000	20000	10		06/26/12 08:45	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**11600**	ug/L	1000	1000	1		06/26/12 12:34	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW4 **Lab ID: 92121682004** Collected: 06/15/12 09:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:06	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-38-2	
Barium	**328**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:24	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:24	7440-43-9	
Chromium	**18.8**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-47-3	
Cobalt	**14.2**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-48-4	
Copper	**33.1**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-50-8	
Lead	**8.6J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7439-92-1	
Nickel	**11.4J**	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:24	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:24	7440-28-0	
Vanadium	**63.2**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:24	7440-62-2	
Zinc	**83.4**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:24	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:23	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 02:51	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 02:51	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 02:51	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 02:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 02:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 02:51	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 02:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 02:51	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 02:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 02:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 02:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 02:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 02:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 02:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 02:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 02:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 02:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 02:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:51	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 02:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 02:51	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 02:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 02:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 02:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 02:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 02:51	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW4 **Lab ID: 92121682004** Collected: 06/15/12 09:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 02:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 02:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 02:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 02:51	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 02:51	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 02:51	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 02:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 02:51	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 02:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 02:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 02:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 02:51	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 02:51	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 02:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 02:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 02:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 02:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 02:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 02:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 02:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 02:51	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 02:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 02:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 02:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/21/12 02:51	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/21/12 02:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		06/21/12 02:51	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		06/21/12 02:51	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**218000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**339000**	ug/L	25000	25000	1		06/20/12 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**23800J**	ug/L	250000	2000	1		06/25/12 01:39	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**12100**	ug/L	1000	1000	1		06/26/12 12:34	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW5 **Lab ID: 92121682005** Collected: 06/15/12 10:00 Received: 06/18/12 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:09	7440-36-0	
Arsenic	**8.5J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-38-2	
Barium	**260**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:27	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:27	7440-43-9	
Chromium	**9.0J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-47-3	
Cobalt	**6.9J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-48-4	
Copper	**10.5**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-50-8	
Lead	**5.3J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:27	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:27	7440-28-0	
Vanadium	**37.0**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:27	7440-62-2	
Zinc	**24.4**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:25	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 03:07	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 03:07	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 03:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 03:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 03:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 03:07	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 03:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 03:07	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 03:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 03:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 03:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 03:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 03:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 03:07	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 03:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 03:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 03:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 03:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:07	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 03:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 03:07	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 03:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 03:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 03:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 03:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 03:07	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW5 **Lab ID: 92121682005** Collected: 06/15/12 10:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 03:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 03:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 03:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:07	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 03:07	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 03:07	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 03:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 03:07	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 03:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 03:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 03:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 03:07	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 03:07	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 03:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 03:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 03:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 03:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 03:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 03:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 03:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 03:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 03:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 03:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 03:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 03:07	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		06/21/12 03:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1		06/21/12 03:07	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		06/21/12 03:07	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**517000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**625000**	ug/L	25000	25000	1		06/20/12 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**4500J**	ug/L	250000	2000	1		06/25/12 02:19	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**33100**	ug/L	1000	1000	1		06/26/12 12:36	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW6 **Lab ID: 92121682006** Collected: 06/15/12 10:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:28	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-38-2	
Barium	**359**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:30	7440-41-7	
Cadmium	**1.7**	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:30	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-48-4	
Copper	**6.7J**	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:30	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:30	7440-28-0	
Vanadium	**15.8J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:30	7440-62-2	
Zinc	**12.2**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:28	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**14.1J**	ug/L	25.0	2.2	1		06/21/12 03:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 03:22	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 03:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 03:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 03:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 03:22	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 03:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 03:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 03:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 03:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 03:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 03:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 03:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 03:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 03:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 03:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 03:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 03:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 03:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 03:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 03:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 03:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 03:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 03:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 03:22	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW6 **Lab ID: 92121682006** Collected: 06/15/12 10:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 03:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 03:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 03:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 03:22	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 03:22	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 03:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 03:22	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 03:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 03:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 03:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 03:22	127-18-4	
Tetrahydrofuran	**5.5J**	ug/L	10.0	3.1	1		06/21/12 03:22	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 03:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 03:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 03:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 03:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 03:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 03:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 03:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 03:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 03:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 03:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 03:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/21/12 03:22	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/21/12 03:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/21/12 03:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/21/12 03:22	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**470000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**591000**	ug/L	25000	25000	1		06/20/12 18:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**3060J**	ug/L	250000	2000	1		06/25/12 02:33	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**49300**	ug/L	5000	5000	5		06/26/12 13:40	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW7 **Lab ID: 92121682007** Collected: 06/15/12 11:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:32	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-38-2	
Barium	**79.5J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:33	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:33	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:33	7440-28-0	
Vanadium	**7.5J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:33	7440-62-2	
Zinc	**25.1**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:36	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 03:38	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 03:38	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 03:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 03:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 03:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 03:38	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 03:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 03:38	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 03:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 03:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 03:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 03:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 03:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 03:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 03:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 03:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 03:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 03:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:38	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 03:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 03:38	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 03:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 03:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 03:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 03:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 03:38	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW7 **Lab ID: 92121682007** Collected: 06/15/12 11:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 03:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 03:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 03:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:38	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 03:38	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 03:38	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 03:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 03:38	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 03:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 03:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 03:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 03:38	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 03:38	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 03:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 03:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 03:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 03:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 03:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 03:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 03:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 03:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 03:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 03:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 03:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 03:38	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/21/12 03:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		06/21/12 03:38	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		06/21/12 03:38	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**210000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**378000**	ug/L	25000	25000	1		06/20/12 18:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**62700J**	ug/L	500000	4000	2		06/26/12 09:12	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**26500**	ug/L	1000	1000	1		06/26/12 12:37	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW8 **Lab ID: 92121682008** Collected: 06/15/12 11:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:43	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-38-2	
Barium	**36.0J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:35	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:35	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:35	7440-28-0	
Vanadium	**9.2J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:35	7440-62-2	
Zinc	**11.2**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:35	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:39	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 03:54	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 03:54	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 03:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 03:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 03:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 03:54	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 03:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 03:54	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 03:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 03:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 03:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 03:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 03:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 03:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 03:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 03:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 03:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:54	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 03:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 03:54	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 03:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 03:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 03:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 03:54	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW8 **Lab ID: 92121682008** Collected: 06/15/12 11:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 03:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 03:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 03:54	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 03:54	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 03:54	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 03:54	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 03:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 03:54	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 03:54	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 03:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 03:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 03:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 03:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 03:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 03:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 03:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 03:54	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 03:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 03:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 03:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 03:54	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/21/12 03:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		06/21/12 03:54	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		06/21/12 03:54	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**140000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**342000**	ug/L	25000	25000	1		06/20/12 18:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**7820J**	ug/L	250000	2000	1		06/25/12 03:27	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**72000**	ug/L	5000	5000	5		06/26/12 13:42	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW9 **Lab ID: 92121682009** Collected: 06/15/12 12:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:39	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-38-2	
Barium	**27.8J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:47	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:47	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:39	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:47	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:47	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:47	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:41	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 04:09	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 04:09	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 04:09	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 04:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 04:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 04:09	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 04:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 04:09	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 04:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 04:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 04:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 04:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 04:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 04:09	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 04:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 04:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 04:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:09	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 04:09	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 04:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 04:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 04:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 04:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 04:09	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW9 **Lab ID: 92121682009** Collected: 06/15/12 12:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 04:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 04:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:09	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 04:09	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 04:09	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 04:09	75-09-2	
4-Metryl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 04:09	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 04:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 04:09	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 04:09	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 04:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 04:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 04:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 04:09	79-01-6	
Trichlorofluoromethane	**0.99J**	ug/L	1.0	0.20	1		06/21/12 04:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 04:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 04:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 04:09	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 04:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 04:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 04:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 04:09	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		06/21/12 04:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		06/21/12 04:09	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		06/21/12 04:09	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**175000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**430000**	ug/L	25000	25000	1		06/20/12 18:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**105000J**	ug/L	1250000	10000	5		06/26/12 09:25	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**20300**	ug/L	1000	1000	1		06/26/12 12:40	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW10 **Lab ID: 92121682010** Collected: 06/15/12 12:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:46	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-38-2	
Barium	**32.2J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:50	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:50	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:46	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:50	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:50	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:50	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:44	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 04:25	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 04:25	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 04:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 04:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 04:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 04:25	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 04:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 04:25	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 04:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 04:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 04:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 04:25	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 04:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 04:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 04:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 04:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 04:25	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 04:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:25	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 04:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 04:25	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 04:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 04:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 04:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 04:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 04:25	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-MW10 **Lab ID: 92121682010** Collected: 06/15/12 12:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 04:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 04:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 04:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:25	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 04:25	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 04:25	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 04:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 04:25	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 04:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 04:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 04:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 04:25	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 04:25	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 04:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 04:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 04:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 04:25	79-01-6	
Trichlorofluoromethane	**1.0**	ug/L	1.0	0.20	1		06/21/12 04:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 04:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 04:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 04:25	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 04:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 04:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 04:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/21/12 04:25	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		06/21/12 04:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		06/21/12 04:25	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/21/12 04:25	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**175000**	ug/L	1000	1000	1		06/20/12 17:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**413000**	ug/L	25000	25000	1		06/20/12 18:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**112000J**	ug/L	1250000	10000	5		06/26/12 09:39	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E								
Chloride	**20500**	ug/L	1000	1000	1		06/26/12 12:41	16887-00-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW1 **Lab ID: 92121682011** Collected: 06/15/12 12:45 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:49	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-38-2	
Barium	**25.1J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:53	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:53	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:49	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:53	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:53	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:53	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:46	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 04:41	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 04:41	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 04:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 04:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 04:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 04:41	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 04:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.98	1		06/21/12 04:41	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 04:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 04:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 04:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 04:41	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 04:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 04:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 04:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 04:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 04:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 04:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:41	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 04:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 04:41	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 04:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 04:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 04:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 04:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 04:41	156-60-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW1 **Lab ID: 92121682011** Collected: 06/15/12 12:45 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 04:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 04:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 04:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:41	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 04:41	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 04:41	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 04:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 04:41	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 04:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 04:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 04:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 04:41	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 04:41	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 04:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 04:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 04:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 04:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 04:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 04:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 04:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 04:41	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 04:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 04:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 04:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/21/12 04:41	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/21/12 04:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1		06/21/12 04:41	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		06/21/12 04:41	2037-26-5	

Sample: 1442-SW2 **Lab ID: 92121682012** Collected: 06/15/12 13:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:52	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-38-2	
Barium	**39.6J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:56	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:56	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7439-92-1	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW2 **Lab ID: 92121682012** Collected: 06/15/12 13:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:52	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:56	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:56	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:56	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:49	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 04:57	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 04:57	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 04:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 04:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 04:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 04:57	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 04:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 04:57	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 04:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 04:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 04:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 04:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 04:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 04:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 04:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 04:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 04:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 04:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 04:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 04:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 04:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 04:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 04:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 04:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 04:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 04:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 04:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 04:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 04:57	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 04:57	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 04:57	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 04:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 04:57	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 04:57	100-42-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW2 **Lab ID: 92121682012** Collected: 06/15/12 13:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 04:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 04:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 04:57	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 04:57	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 04:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 04:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 04:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 04:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 04:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 04:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 04:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 04:57	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 04:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 04:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 04:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/21/12 04:57	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/21/12 04:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		06/21/12 04:57	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/21/12 04:57	2037-26-5	

Sample: 1442-SW3 **Lab ID: 92121682013** Collected: 06/15/12 13:15 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:56	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-38-2	
Barium	**43.9J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:59	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 20:59	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:56	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 20:59	7440-28-0	
Vanadium	ND	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 20:59	7440-62-2	
Zinc	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 20:59	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:52	7439-97-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW3 **Lab ID: 92121682013** Collected: 06/15/12 13:15 Received: 06/18/12 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 05:12	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 05:12	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 05:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 05:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 05:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 05:12	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 05:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 05:12	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 05:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 05:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 05:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 05:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 05:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 05:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 05:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 05:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 05:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 05:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 05:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 05:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 05:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 05:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 05:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 05:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 05:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 05:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 05:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 05:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:12	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 05:12	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 05:12	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 05:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 05:12	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 05:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 05:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 05:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 05:12	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 05:12	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 05:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 05:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 05:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 05:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 05:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 05:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 05:12	108-05-4	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW3 **Lab ID: 92121682013** Collected: 06/15/12 13:15 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 05:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 05:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 05:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 05:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 05:12	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/21/12 05:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/21/12 05:12	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/21/12 05:12	2037-26-5	

Sample: 1442-SW4 **Lab ID: 92121682014** Collected: 06/15/12 13:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	5.0	1	06/20/12 17:45	06/26/12 16:59	7440-36-0	
Arsenic	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-38-2	
Barium	**62.4J**	ug/L	100	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-39-3	
Beryllium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 21:02	7440-41-7	
Cadmium	ND	ug/L	1.0	1.0	1	06/20/12 17:45	06/25/12 21:02	7440-43-9	
Chromium	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-47-3	
Cobalt	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-48-4	
Copper	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-50-8	
Lead	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7439-92-1	
Nickel	ND	ug/L	50.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-02-0	
Selenium	ND	ug/L	10.0	10.0	1	06/20/12 17:45	06/26/12 16:59	7782-49-2	
Silver	ND	ug/L	10.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-22-4	
Thallium	ND	ug/L	5.5	5.4	1	06/20/12 17:45	06/25/12 21:02	7440-28-0	
Vanadium	**6.4J**	ug/L	25.0	5.0	1	06/20/12 17:45	06/25/12 21:02	7440-62-2	
Zinc	**28.9**	ug/L	10.0	10.0	1	06/20/12 17:45	06/25/12 21:02	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/23/12 17:20	06/26/12 10:54	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 05:28	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 05:28	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 05:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 05:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 05:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 05:28	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 05:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 05:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 05:28	75-15-0	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: 1442-SW4 **Lab ID: 92121682014** Collected: 06/15/12 13:30 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 05:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 05:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 05:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 05:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 05:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 05:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 05:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 05:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 05:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:28	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 05:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 05:28	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 05:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 05:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 05:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 05:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 05:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 05:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 05:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 05:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 05:28	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 05:28	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 05:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 05:28	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 05:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 05:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 05:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 05:28	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 05:28	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 05:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 05:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 05:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 05:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 05:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 05:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 05:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 05:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 05:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 05:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 05:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/21/12 05:28	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		06/21/12 05:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		06/21/12 05:28	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/21/12 05:28	2037-26-5	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: Field Blank **Lab ID: 92121682015** Collected: 06/15/12 10:15 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 05:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 05:44	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 05:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 05:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 05:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 05:44	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 05:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 05:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 05:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 05:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 05:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 05:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 05:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 05:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 05:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 05:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 05:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 05:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 05:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 05:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 05:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 05:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 05:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 05:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 05:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 05:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 05:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 05:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 05:44	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 05:44	74-88-4	
Methylene Chloride	**1.6**	ug/L	1.0	0.97	1		06/21/12 05:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 05:44	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 05:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 05:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 05:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 05:44	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 05:44	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 05:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 05:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 05:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 05:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 05:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 05:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 05:44	108-05-4	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: Field Blank **Lab ID: 92121682015** Collected: 06/15/12 10:15 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 05:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 05:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 05:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 05:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/21/12 05:44	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		06/21/12 05:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1		06/21/12 05:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/21/12 05:44	2037-26-5	

Sample: Trip Blank **Lab ID: 92121682016** Collected: 06/15/12 00:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		06/21/12 05:59	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.9	1		06/21/12 05:59	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/12 05:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/12 05:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/12 05:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/12 05:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/12 05:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/12 05:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		06/21/12 05:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/12 05:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/12 05:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/12 05:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/12 05:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/12 05:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/12 05:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/12 05:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/12 05:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/12 05:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/12 05:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		06/21/12 05:59	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/12 05:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/12 05:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/12 05:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/12 05:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/12 05:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/12 05:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/12 05:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/12 05:59	10061-02-6	

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ANALYTICAL RESULTS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Sample: Trip Blank **Lab ID: 92121682016** Collected: 06/15/12 00:00 Received: 06/18/12 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/12 05:59	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/12 05:59	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		06/21/12 05:59	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		06/21/12 05:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/12 05:59	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/12 05:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/12 05:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/12 05:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/12 05:59	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	3.1	1		06/21/12 05:59	109-99-9	
Toluene	ND	ug/L	1.0	0.26	1		06/21/12 05:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/12 05:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/12 05:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/12 05:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/12 05:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/12 05:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/12 05:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/12 05:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/12 05:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/12 05:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/12 05:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/21/12 05:59	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		06/21/12 05:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		06/21/12 05:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/21/12 05:59	2037-26-5	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: MERP/4314 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014

METHOD BLANK: 783837 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	06/26/12 10:04	

LABORATORY CONTROL SAMPLE: 783838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.2	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 783839 783840

Parameter	Units	92121392014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.2	2.3	89	92	75-125	3	25	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: MPRP/10859 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014

METHOD BLANK: 782373 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	06/26/12 15:40	
Arsenic	ug/L	ND	10.0	06/25/12 19:55	
Barium	ug/L	ND	100	06/25/12 19:55	
Beryllium	ug/L	ND	1.0	06/25/12 19:55	
Cadmium	ug/L	ND	1.0	06/25/12 19:55	
Chromium	ug/L	ND	10.0	06/25/12 19:55	
Cobalt	ug/L	ND	10.0	06/25/12 19:55	
Copper	ug/L	ND	10.0	06/25/12 19:55	
Lead	ug/L	ND	10.0	06/25/12 19:55	
Nickel	ug/L	ND	50.0	06/25/12 19:55	
Selenium	ug/L	ND	10.0	06/25/12 19:55	
Silver	ug/L	ND	10.0	06/25/12 19:55	
Thallium	ug/L	ND	5.5	06/25/12 19:55	
Vanadium	ug/L	ND	25.0	06/25/12 19:55	
Zinc	ug/L	ND	10.0	06/25/12 19:55	

LABORATORY CONTROL SAMPLE: 782374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	531	106	80-120	
Arsenic	ug/L	500	497	99	80-120	
Barium	ug/L	500	485	97	80-120	
Beryllium	ug/L	500	497	99	80-120	
Cadmium	ug/L	500	494	99	80-120	
Chromium	ug/L	500	488	98	80-120	
Cobalt	ug/L	500	487	97	80-120	
Copper	ug/L	500	490	98	80-120	
Lead	ug/L	500	490	98	80-120	
Nickel	ug/L	500	494	99	80-120	
Selenium	ug/L	500	494	99	80-120	
Silver	ug/L	250	246	99	80-120	
Thallium	ug/L	500	482	96	80-120	
Vanadium	ug/L	500	486	97	80-120	
Zinc	ug/L	500	491	98	80-120	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

MATRIX SPIKE SAMPLE: 782375

Parameter	Units	92121682001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	506	101	75-125	
Arsenic	ug/L	ND	500	472	94	75-125	
Barium	ug/L	73.3J	500	535	92	75-125	
Beryllium	ug/L	ND	500	483	97	75-125	
Cadmium	ug/L	ND	500	471	94	75-125	
Chromium	ug/L	ND	500	467	93	75-125	
Cobalt	ug/L	ND	500	459	92	75-125	
Copper	ug/L	ND	500	470	94	75-125	
Lead	ug/L	ND	500	462	92	75-125	
Nickel	ug/L	ND	500	465	93	75-125	
Selenium	ug/L	ND	500	466	93	75-125	
Silver	ug/L	ND	250	234	94	75-125	
Thallium	ug/L	ND	500	455	91	75-125	
Vanadium	ug/L	7.9J	500	475	93	75-125	
Zinc	ug/L	17.5	500	482	93	75-125	

SAMPLE DUPLICATE: 782376

Parameter	Units	92121682002 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	50.1J	48.4J	3	25	
Beryllium	ug/L	ND	ND		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	ND	ND		25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	ND	ND		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	ND	ND		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	ND	ND		25	
Zinc	ug/L	11.8	ND		25	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1-42
Pace Project No.: 92121682

QC Batch: MSV/19504 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014, 92121682015, 92121682016

METHOD BLANK: 782433 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014, 92121682015, 92121682016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,1-Dichloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,1-Dichloroethene	ug/L	ND	1.0	06/20/12 23:27	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/20/12 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/20/12 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/20/12 23:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/20/12 23:27	
1,2-Dichloroethane	ug/L	ND	1.0	06/20/12 23:27	
1,2-Dichloropropane	ug/L	ND	1.0	06/20/12 23:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/20/12 23:27	
2-Butanone (MEK)	ug/L	ND	5.0	06/20/12 23:27	
2-Hexanone	ug/L	ND	5.0	06/20/12 23:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/20/12 23:27	
Acetone	ug/L	ND	25.0	06/20/12 23:27	
Acrylonitrile	ug/L	ND	10.0	06/20/12 23:27	
Benzene	ug/L	ND	1.0	06/20/12 23:27	
Bromochloromethane	ug/L	ND	1.0	06/20/12 23:27	
Bromodichloromethane	ug/L	ND	1.0	06/20/12 23:27	
Bromoform	ug/L	ND	1.0	06/20/12 23:27	
Bromomethane	ug/L	ND	2.0	06/20/12 23:27	
Carbon disulfide	ug/L	ND	2.0	06/20/12 23:27	
Carbon tetrachloride	ug/L	ND	1.0	06/20/12 23:27	
Chlorobenzene	ug/L	ND	1.0	06/20/12 23:27	
Chloroethane	ug/L	ND	1.0	06/20/12 23:27	
Chloroform	ug/L	ND	1.0	06/20/12 23:27	
Chloromethane	ug/L	ND	1.0	06/20/12 23:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/20/12 23:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/20/12 23:27	
Dibromochloromethane	ug/L	ND	1.0	06/20/12 23:27	
Dibromomethane	ug/L	ND	1.0	06/20/12 23:27	
Ethylbenzene	ug/L	ND	1.0	06/20/12 23:27	
Iodomethane	ug/L	ND	5.0	06/20/12 23:27	
m&p-Xylene	ug/L	ND	2.0	06/20/12 23:27	
Methylene Chloride	ug/L	ND	1.0	06/20/12 23:27	
o-Xylene	ug/L	ND	1.0	06/20/12 23:27	
Styrene	ug/L	ND	1.0	06/20/12 23:27	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

METHOD BLANK: 782433 Matrix: Water

Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010, 92121682011, 92121682012, 92121682013, 92121682014, 92121682015, 92121682016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	1.0	06/20/12 23:27	
Tetrahydrofuran	ug/L	ND	10.0	06/20/12 23:27	
Toluene	ug/L	ND	1.0	06/20/12 23:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/20/12 23:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/20/12 23:27	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	06/20/12 23:27	
Trichloroethene	ug/L	ND	1.0	06/20/12 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	06/20/12 23:27	
Vinyl acetate	ug/L	ND	2.0	06/20/12 23:27	
Vinyl chloride	ug/L	ND	1.0	06/20/12 23:27	
Xylene (Total)	ug/L	ND	2.0	06/20/12 23:27	
1,2-Dichloroethane-d4 (S)	%	108	70-130	06/20/12 23:27	
4-Bromofluorobenzene (S)	%	98	70-130	06/20/12 23:27	
Dibromofluoromethane (S)	%	105	70-130	06/20/12 23:27	
Toluene-d8 (S)	%	97	70-130	06/20/12 23:27	

LABORATORY CONTROL SAMPLE: 782434

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.5	97	70-130	
1,1,1-Trichloroethane	ug/L	50	44.4	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	70-130	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	44.3	89	70-130	
1,1-Dichloroethene	ug/L	50	45.3	91	70-132	
1,2,3-Trichloropropane	ug/L	50	50.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,2-Dichloroethane	ug/L	50	46.6	93	70-130	
1,2-Dichloropropane	ug/L	50	50.2	100	70-130	
1,4-Dichlorobenzene	ug/L	50	47.1	94	70-130	
2-Butanone (MEK)	ug/L	100	96.7	97	70-145	
2-Hexanone	ug/L	100	101	101	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	70-140	
Acetone	ug/L	100	115	115	50-175	
Acrylonitrile	ug/L	250	245	98	70-143	
Benzene	ug/L	50	45.2	90	70-130	
Bromochloromethane	ug/L	50	48.3	97	70-130	
Bromodichloromethane	ug/L	50	47.1	94	70-130	
Bromoform	ug/L	50	49.0	98	70-130	
Bromomethane	ug/L	50	47.2	94	54-130	
Carbon disulfide	ug/L	50	50.9	102	70-131	
Carbon tetrachloride	ug/L	50	50.6	101	70-132	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

LABORATORY CONTROL SAMPLE: 782434

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	47.5	95	70-130	
Chloroethane	ug/L	50	56.9	114	64-134	
Chloroform	ug/L	50	55.5	111	70-130	
Chloromethane	ug/L	50	54.0	108	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-131	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dibromomethane	ug/L	50	49.1	98	70-131	
Ethylbenzene	ug/L	50	46.7	93	70-130	
Iodomethane	ug/L	100	101	101	49-180	
m&p-Xylene	ug/L	100	93.6	94	70-130	
Methylene Chloride	ug/L	50	54.0	108	63-130	
o-Xylene	ug/L	50	45.3	91	70-130	
Styrene	ug/L	50	48.5	97	70-130	
Tetrachloroethene	ug/L	50	46.8	94	70-130	
Tetrahydrofuran	ug/L	500	526	105	70-130	
Toluene	ug/L	50	47.2	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.1	94	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	56.7	113	70-141	
Trichloroethene	ug/L	50	50.3	101	70-130	
Trichlorofluoromethane	ug/L	50	50.1	100	62-133	
Vinyl acetate	ug/L	100	95.1	95	66-157	
Vinyl chloride	ug/L	50	40.8	82	69-130	
Xylene (Total)	ug/L	150	139	93	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 783195 783196

Parameter	Units	92121682001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	57.3	53.7	115	107	70-166	7	30	
Benzene	ug/L	ND	50	50	43.4	47.7	87	95	70-148	9	30	
Chlorobenzene	ug/L	ND	50	50	55.4	52.6	111	105	70-146	5	30	
Toluene	ug/L	ND	50	50	54.0	54.7	108	109	70-155	1	30	
Trichloroethene	ug/L	ND	50	50	55.6	59.6	111	119	69-151	7	30	
1,2-Dichloroethane-d4 (S)	%						110	103	70-130			
4-Bromofluorobenzene (S)	%						99	97	70-130			
Dibromofluoromethane (S)	%						104	102	70-130			
Toluene-d8 (S)	%						98	104	70-130			

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: WET/21314 — Analysis Method: SM 2320B
QC Batch Method: SM 2320B — Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

METHOD BLANK: 782505 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	ug/L	ND	1000	06/20/12 17:12	

LABORATORY CONTROL SAMPLE: 782506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	50000	46400	93	90-110	

MATRIX SPIKE SAMPLE: 782508

Parameter	Units	92121655001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	82.0 mg/L	50000	125000	86		

MATRIX SPIKE SAMPLE: 782510

Parameter	Units	92121682009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	ug/L	175000	50000	215000	80		

SAMPLE DUPLICATE: 782507

Parameter	Units	92121655001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	82.0 mg/L	81800	0	20	

SAMPLE DUPLICATE: 782509

Parameter	Units	92121682009 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	ug/L	175000	174000	1	20	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: WET/21316 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

METHOD BLANK: 782651 Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	ug/L	ND	25000	06/20/12 18:01	

LABORATORY CONTROL SAMPLE: 782652

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	ug/L	250000	258000	103	80-120	

SAMPLE DUPLICATE: 782653

Parameter	Units	92121682001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	ug/L	203000	201000	1	10	

SAMPLE DUPLICATE: 782654

Parameter	Units	92121619002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	ug/L	68.0 mg/L	73000	7	10	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: WETA/12387 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

METHOD BLANK: 781122 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008, 92121682009, 92121682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	ug/L	ND	250000	06/24/12 22:01	

LABORATORY CONTROL SAMPLE: 781123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	20000	19100J	95	90-110	

MATRIX SPIKE SAMPLE: 781124

Parameter	Units	92121394003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	13.8 mg/L	20000	35300J	107	90-110	

MATRIX SPIKE SAMPLE: 781126

Parameter	Units	92121682004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	ug/L	23800J	20000	49400J	128	90-110	M1

SAMPLE DUPLICATE: 781125

Parameter	Units	92121394003 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	13.8 mg/L	14300J	4	20	

SAMPLE DUPLICATE: 781127

Parameter	Units	92121682004 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfate	ug/L	23800J	23900J	0	20	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: WETA/12455 — Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E — Analysis Description: 4500 Chloride
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008

METHOD BLANK: 785047 — Matrix: Water
Associated Lab Samples: 92121682001, 92121682002, 92121682003, 92121682004, 92121682005, 92121682006, 92121682007, 92121682008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	06/26/12 12:21	

LABORATORY CONTROL SAMPLE: 785048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	20800	104	90-110	

MATRIX SPIKE SAMPLE: 785049

Parameter	Units	92121408002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	62.6 mg/L	20000	82000	97	75-125	

SAMPLE DUPLICATE: 785050

Parameter	Units	92121393001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	10.6 mg/L	11300	7	20	

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QUALITY CONTROL DATA

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

QC Batch: WETA/12456 — Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E — Analysis Description: 4500 Chloride
Associated Lab Samples: 92121682009, 92121682010

METHOD BLANK: 785051 — Matrix: Water
Associated Lab Samples: 92121682009, 92121682010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	ug/L	ND	1000	06/26/12 12:39	

LABORATORY CONTROL SAMPLE: 785052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20000	21000	105	90-110	

MATRIX SPIKE SAMPLE: 785053

Parameter	Units	92121682009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	ug/L	20300	20000	39000	93	75-125	

SAMPLE DUPLICATE: 785054

Parameter	Units	92121682010 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	ug/L	20500	21000	2	20	

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QUALIFIERS

Project: NMLF-Infill EP-1442
Pace Project No.: 92121382

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92121682001	1442-MW1	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682002	1442-MW2	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682003	1442-MW3	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682004	1442-MW4	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682005	1442-MW5	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682006	1442-MW6	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682007	1442-MW7	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682008	1442-MW8	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682009	1442-MW9	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682010	1442-MW10	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682011	1442-SW1	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682012	1442-SW2	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682013	1442-SW3	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682014	1442-SW4	EPA 3010	MPRP/10859	EPA 6010	ICP/9980
92121682001	1442-MW1	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682002	1442-MW2	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682003	1442-MW3	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682004	1442-MW4	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682005	1442-MW5	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682006	1442-MW6	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682007	1442-MW7	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682008	1442-MW8	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682009	1442-MW9	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682010	1442-MW10	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682011	1442-SW1	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682012	1442-SW2	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682013	1442-SW3	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682014	1442-SW4	EPA 7470	MERP/4314	EPA 7470	MERC/4230
92121682001	1442-MW1	EPA 8260	MSV/19504		
92121682002	1442-MW2	EPA 8260	MSV/19504		
92121682003	1442-MW3	EPA 8260	MSV/19504		
92121682004	1442-MW4	EPA 8260	MSV/19504		
92121682005	1442-MW5	EPA 8260	MSV/19504		
92121682006	1442-MW6	EPA 8260	MSV/19504		
92121682007	1442-MW7	EPA 8260	MSV/19504		
92121682008	1442-MW8	EPA 8260	MSV/19504		
92121682009	1442-MW9	EPA 8260	MSV/19504		
92121682010	1442-MW10	EPA 8260	MSV/19504		
92121682011	1442-SW1	EPA 8260	MSV/19504		
92121682012	1442-SW2	EPA 8260	MSV/19504		
92121682013	1442-SW3	EPA 8260	MSV/19504		
92121682014	1442-SW4	EPA 8260	MSV/19504		
92121682015	Field Blank	EPA 8260	MSV/19504		
92121682016	Trip Blank	EPA 8260	MSV/19504		
92121682001	1442-MW1	SM 2320B	WET/21314		
92121682002	1442-MW2	SM 2320B	WET/21314		
92121682003	1442-MW3	SM 2320B	WET/21314		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NMLF-Infill EP-1442
Pace Project No.: 92121682

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92121682004	1442-MW4	SM 2320B	WET/21314		
92121682005	1442-MW5	SM 2320B	WET/21314		
92121682006	1442-MW6	SM 2320B	WET/21314		
92121682007	1442-MW7	SM 2320B	WET/21314		
92121682008	1442-MW8	SM 2320B	WET/21314		
92121682009	1442-MW9	SM 2320B	WET/21314		
92121682010	1442-MW10	SM 2320B	WET/21314		
92121682001	1442-MW1	SM 2540C	WET/21316		
92121682002	1442-MW2	SM 2540C	WET/21316		
92121682003	1442-MW3	SM 2540C	WET/21316		
92121682004	1442-MW4	SM 2540C	WET/21316		
92121682005	1442-MW5	SM 2540C	WET/21316		
92121682006	1442-MW6	SM 2540C	WET/21316		
92121682007	1442-MW7	SM 2540C	WET/21316		
92121682008	1442-MW8	SM 2540C	WET/21316		
92121682009	1442-MW9	SM 2540C	WET/21316		
92121682010	1442-MW10	SM 2540C	WET/21316		
92121682001	1442-MW1	EPA 300.0	WETA/12387		
92121682002	1442-MW2	EPA 300.0	WETA/12387		
92121682003	1442-MW3	EPA 300.0	WETA/12387		
92121682004	1442-MW4	EPA 300.0	WETA/12387		
92121682005	1442-MW5	EPA 300.0	WETA/12387		
92121682006	1442-MW6	EPA 300.0	WETA/12387		
92121682007	1442-MW7	EPA 300.0	WETA/12387		
92121682008	1442-MW8	EPA 300.0	WETA/12387		
92121682009	1442-MW9	EPA 300.0	WETA/12387		
92121682010	1442-MW10	EPA 300.0	WETA/12387		
92121682001	1442-MW1	SM 4500-Cl-E	WETA/12455		
92121682002	1442-MW2	SM 4500-Cl-E	WETA/12455		
92121682003	1442-MW3	SM 4500-Cl-E	WETA/12455		
92121682004	1442-MW4	SM 4500-Cl-E	WETA/12455		
92121682005	1442-MW5	SM 4500-Cl-E	WETA/12455		
92121682006	1442-MW6	SM 4500-Cl-E	WETA/12455		
92121682007	1442-MW7	SM 4500-Cl-E	WETA/12455		
92121682008	1442-MW8	SM 4500-Cl-E	WETA/12455		
92121682009	1442-MW9	SM 4500-Cl-E	WETA/12456		
92121682010	1442-MW10	SM 4500-Cl-E	WETA/12456		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1564428

Section A Required Client Information:

Company: Enviro-Pro, P.A.
Address: 2646 Formlake Ln. Ft. Mill, SC 29708
Email To: enviropro@comporium.net
Phone: 803-547-4955 Fax:
Requested Due Date/TAT: 2 wks

Section B Required Project Information:

Report To: T. Bolyard
Copy To:
Purchase Order No.:
Project Name: NMLF - Infill
Project Number: BP-1442

Section C Invoice Information:

Attention: T. Bolyard
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager: Tripp Hardin
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER Solid Waste

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

Requested Analysis Filtered (Y/N): App I VOCs + THF; App I Metals + Hg; Alkalinity; Chloride; Sulfate; TDS

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes above)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	App I VOCs + THF	App I Metals + Hg	Alkalinity	Chloride	Sulfate	TDS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			6/15/12	8:00											✓	✓	✓	✓	✓			001
2	MW-2	WT	G			"	8:30											✓	✓	✓	✓	✓			002
3	MW-3	WT	G			"	9:00											✓	✓	✓	✓	✓			003
4	MW-4	WT	G			"	9:30											✓	✓	✓	✓	✓			004
5	MW-5	WT	G			"	10:00											✓	✓	✓	✓	✓			005
6	MW-6	WT	G			"	10:30											✓	✓	✓	✓	✓			006
7	MW-7	WT	G			"	11:00											✓	✓	✓	✓	✓			007
8	MW-8	WT	G			"	11:30											✓	✓	✓	✓	✓			008
9	MW-9	WT	G			"	12:00											✓	✓	✓	✓	✓			009
10	MW-10	WT	G			"	12:30											✓	✓	✓	✓	✓			010
11	SW-1	WT	G			"	12:45											✓	✓						011
12	SW-2	WT	G			"	13:00											✓	✓						012

CAH 6/18/12

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Use lower level NC DENR Solid Waste Detection Levels; Also - Send EDD version of results	T. Bolyard / Enviro-Pro	6/18/12	10:25	Pace	6-18-12	10:25				
		6-18-12	16:05	Pace	6-18-12	16:05	2.8	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: T. Bolyard
SIGNATURE of SAMPLER: T. Bolyard
DATE Signed (MM/DD/YY): 6/15/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1564429

Section A Required Client Information:

Company: Enviro-Pro, P.C.
Address: 2646 Farmlake Ln, Ft. Mill, SC 29708
Email To: enviropro@comporium.net
Phone: 803-547-4955 Fax:
Requested Due Date/TAT: 2wks

Section B Required Project Information:

Report To: T. Bolyard
Copy To:
Purchase Order No.:
Project Name: NMLF-Infill
Project Number: EP-442

Section C Invoice Information:

Attention: T. Bolyard
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager: Tripp Hardin
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER Solid Waste

Site Location STATE: NC

Section D Required Client Information

Matrix Codes: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes above)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) App IV VOCs + THF	App IV Metals + Hg	Alkalinity	Chloride	Sulfate	TDS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92121682
1	SW-3	WT	G			6/15/12	13:15		4			1	3					✓	✓						013
2	SW-4	WT	G			"	13:30		4			1	3					✓	✓						014
3	Field Blank	WT	G			"	10:15		2				2					✓							015
4	Trip Blank	WT							2				2					✓							016
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Use lower-level NC DENR Solid Waste Detection levels; Also- Send EDD version of results	T. Bolyard / Enviro-Pro	6/18/12	10:25	D. Moody Pace	6-18-12	10:25				
	D. Moody	6-18-12	16:05	Justin Hatley Pace	6-18-12	16:05	2.8	Y	N	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: T. Bolyard

SIGNATURE of SAMPLER: T. C. Bolyard

DATE Signed (MM/DD/YY): 6/15/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 7, 2012 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.07**	Issuing Authority: Pace Huntersville Quality Office

Client Name: Enviro-Pro Project # 92121682

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace **Other**_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1101 T1102 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor **T1101**: No Correction **T1102**: No Correction

Corrected Cooler Temp.: 2.8° C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: SMM 6-18-12

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☑No	☐N/A	2. no time or date on COC for ~~#~~ trip blank SM 6-18
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:____	☑Yes	☑No	☐N/A	12. no time or date on sample labels for trip blank.
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: CAH **Date:** 6/18/12 **SRF Review:** JG **Date:** 6/19/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WELL DEVELOPMENT, PURGE, AND SAMPLE RECORD

CLIENT: N. Meck Landfill, LLC
LOCATION: 15300 Holbrooks Rd. - Huntersville, NC
PROJECT NAME/DESCRIPTION: NMLF - Infill
DATE OF WATER LEVEL MEASUREMENTS: 6-15-12

DEVELOP:
PURGING: ✓
SAMPLING: ✓

PROJECT NO.: EP-1442
PROJ. MGR.: THB
CHECKED BY:
PREPARED BY: THB

Sample ID	A Well No.	B Sample Date	C Time (hrs)	D Well Depth (ft)	E MP Elevation (ft)	F Depth to Water (ft-bmp)	(E - F) = G Water Level Elevation (ft)	(D - F) = H Hgt. of Water Col. (ft)	I Volume of Water (gal)*	Vol. of Water Pgd. (gal)**	Temp. (°C)	Specific Cond. (umhos)	pH	Turbidity or Appearance
	MW-1	6-15-12	8:00	60		54.39		5.61	.914	2.74				
	MW-2	"	8:30	20		11.13		8.87	1.44	4.33				
	MW-3	"	9:00	22		6.22		15.78	2.57	7.72				
	MW-4	"	9:30	12		11.47		.53	.086	.25				
	MW-5	"	10:00	17		8.54		8.46	1.38	4.13				
	MW-6	"	10:30	17		13.79		3.21	.523	1.57				
	MW-7	"	11:00	23		14.29		8.71	1.42	4.26				
	MW-8	"	11:30	33		22.04		10.96	1.78	5.36				
	MW-9	"	12:00											
	MW-10	"	12:30	60		50.80		9.2	1.5	4.5				
	Field Blank	"	10:15	—	—	—	—	—	—	—				
	SW-1		12:45	—										
	SW-2		13:00	—										
	SW-3		13:15	—										
	SW-4		13:30	—										

Comments:

*To calculate volume of water in the well multiply "H" by 0.163 for a 2" well, 0.652 for a 4" well, or 1.469 for a 6" well.

**To calculate purge volume, multiply "I" by the desired number of well volumes (e.g., 3 to 5).

(e.g., after each well volume).

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Huntersville, NC 28078
(704)875-9092

September 18, 2012

Mr. Ron Gilkerson
Tamrhon
11743 Trails End Lane
Huntersville, NC 28078

RE: Project: NML Landfill
Pace Project No.: 92130912

Dear Mr. Gilkerson:
Enclosed are the analytical results for sample(s) received by the laboratory on September 11, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni for
Bonnie McKee
bonnie.mckee@pacelabs.com
Project Manager

Enclosures

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Huntersville, NC 28078
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CERTIFICATIONS

Project: NML Landfill
Pace Project No.: 92130912

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: NML Landfill
Pace Project No.: 92130912

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92130912001	**SW-1 (Pipe)**	EPA 6010	JMW	15	PASI-A
		EPA 7470	DMB	1	PASI-A
		EPA 8260	KJM	52	PASI-C
92130912002	**SW-2 (Pipe)**	EPA 6010	JMW	15	PASI-A
		EPA 7470	DMB	1	PASI-A
		EPA 8260	KJM	52	PASI-C

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ANALYTICAL RESULTS

Project: NML Landfill
Pace Project No.: 92130912

Sample: SW-1 (Pipe) **Lab ID: 92130912001** Collected: 09/10/12 13:00 Received: 09/11/12 12:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	1	09/12/12 11:05	09/12/12 22:26	7440-36-0	
Arsenic	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-38-2	
Barium	ND	ug/L	100	1	09/12/12 11:05	09/12/12 22:26	7440-39-3	
Beryllium	ND	ug/L	1.0	1	09/12/12 11:05	09/12/12 22:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	09/12/12 11:05	09/12/12 22:26	7440-43-9	
Chromium	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-47-3	
Cobalt	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-48-4	
Copper	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-50-8	
Lead	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7439-92-1	
Nickel	ND	ug/L	50.0	1	09/12/12 11:05	09/12/12 22:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7782-49-2	
Silver	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-22-4	
Thallium	ND	ug/L	5.5	1	09/12/12 11:05	09/12/12 22:26	7440-28-0	
Vanadium	ND	ug/L	25.0	1	09/12/12 11:05	09/12/12 22:26	7440-62-2	
Zinc	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:26	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	09/13/12 13:50	09/15/12 16:06	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/15/12 03:47	67-64-1	
Acrylonitrile	ND	ug/L	200	1		09/15/12 03:47	107-13-1	
Benzene	ND	ug/L	1.0	1		09/15/12 03:47	71-43-2	
Bromochloromethane	ND	ug/L	3.0	1		09/15/12 03:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/15/12 03:47	75-27-4	
Bromoform	ND	ug/L	3.0	1		09/15/12 03:47	75-25-2	
Bromomethane	ND	ug/L	10.0	1		09/15/12 03:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		09/15/12 03:47	78-93-3	
Carbon disulfide	ND	ug/L	100	1		09/15/12 03:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/15/12 03:47	56-23-5	
Chlorobenzene	ND	ug/L	3.0	1		09/15/12 03:47	108-90-7	
Chloroethane	ND	ug/L	10.0	1		09/15/12 03:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/15/12 03:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/15/12 03:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	1		09/15/12 03:47	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	1		09/15/12 03:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/15/12 03:47	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		09/15/12 03:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/15/12 03:47	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/15/12 03:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/15/12 03:47	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/15/12 03:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/15/12 03:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/15/12 03:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/15/12 03:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/15/12 03:47	156-60-5	

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ANALYTICAL RESULTS

Project: NML Landfill
Pace Project No.: 92130912

Sample: SW-1 (Pipe) **Lab ID: 92130912001** Collected: 09/10/12 13:00 Received: 09/11/12 12:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloropropane	ND	ug/L	1.0	1		09/15/12 03:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/15/12 03:47	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/12 03:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/12 03:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/15/12 03:47	100-41-4	
2-Hexanone	ND	ug/L	50.0	1		09/15/12 03:47	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/15/12 03:47	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		09/15/12 03:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	1		09/15/12 03:47	108-10-1	
Styrene	ND	ug/L	1.0	1		09/15/12 03:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/15/12 03:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	1		09/15/12 03:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/15/12 03:47	127-18-4	
Toluene	ND	ug/L	1.0	1		09/15/12 03:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/15/12 03:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/15/12 03:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/15/12 03:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/15/12 03:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		09/15/12 03:47	96-18-4	
Vinyl acetate	ND	ug/L	50.0	1		09/15/12 03:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		09/15/12 03:47	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		09/15/12 03:47	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		09/15/12 03:47	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		09/15/12 03:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		09/15/12 03:47	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		09/15/12 03:47	2037-26-5	

Sample: SW-2 (Pipe) **Lab ID: 92130912002** Collected: 09/10/12 13:15 Received: 09/11/12 12:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	6.0	1	09/12/12 11:05	09/12/12 22:39	7440-36-0	
Arsenic	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-38-2	
Barium	ND	ug/L	100	1	09/12/12 11:05	09/12/12 22:39	7440-39-3	
Beryllium	ND	ug/L	1.0	1	09/12/12 11:05	09/12/12 22:39	7440-41-7	
Cadmium	ND	ug/L	1.0	1	09/12/12 11:05	09/12/12 22:39	7440-43-9	
Chromium	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-47-3	
Cobalt	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-48-4	
Copper	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-50-8	
Lead	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7439-92-1	
Nickel	ND	ug/L	50.0	1	09/12/12 11:05	09/12/12 22:39	7440-02-0	
Selenium	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7782-49-2	
Silver	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-22-4	
Thallium	ND	ug/L	5.5	1	09/12/12 11:05	09/12/12 22:39	7440-28-0	

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ANALYTICAL RESULTS

Project: NML Landfill
Pace Project No.: 92130912

Sample: SW-2 (Pipe) **Lab ID: 92130912002** Collected: 09/10/12 13:15 Received: 09/11/12 12:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Vanadium	ND	ug/L	25.0	1	09/12/12 11:05	09/12/12 22:39	7440-62-2	
Zinc	ND	ug/L	10.0	1	09/12/12 11:05	09/12/12 22:39	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	09/13/12 13:50	09/15/12 16:09	7439-97-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		09/15/12 04:02	67-64-1	
Acrylonitrile	ND	ug/L	200	1		09/15/12 04:02	107-13-1	
Benzene	ND	ug/L	1.0	1		09/15/12 04:02	71-43-2	
Bromochloromethane	ND	ug/L	3.0	1		09/15/12 04:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		09/15/12 04:02	75-27-4	
Bromoform	ND	ug/L	3.0	1		09/15/12 04:02	75-25-2	
Bromomethane	ND	ug/L	10.0	1		09/15/12 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	1		09/15/12 04:02	78-93-3	
Carbon disulfide	ND	ug/L	100	1		09/15/12 04:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		09/15/12 04:02	56-23-5	
Chlorobenzene	ND	ug/L	3.0	1		09/15/12 04:02	108-90-7	
Chloroethane	ND	ug/L	10.0	1		09/15/12 04:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/15/12 04:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		09/15/12 04:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	1		09/15/12 04:02	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	1		09/15/12 04:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		09/15/12 04:02	106-93-4	
Dibromomethane	ND	ug/L	10.0	1		09/15/12 04:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/15/12 04:02	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		09/15/12 04:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		09/15/12 04:02	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/15/12 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		09/15/12 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/15/12 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/15/12 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/15/12 04:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		09/15/12 04:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		09/15/12 04:02	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/12 04:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		09/15/12 04:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		09/15/12 04:02	100-41-4	
2-Hexanone	ND	ug/L	50.0	1		09/15/12 04:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		09/15/12 04:02	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		09/15/12 04:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	1		09/15/12 04:02	108-10-1	
Styrene	ND	ug/L	1.0	1		09/15/12 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		09/15/12 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	1		09/15/12 04:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		09/15/12 04:02	127-18-4	

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ANALYTICAL RESULTS

Project: NML Landfill
Pace Project No.: 92130912

Sample: SW-2 (Pipe) **Lab ID: 92130912002** Collected: 09/10/12 13:15 Received: 09/11/12 12:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		09/15/12 04:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		09/15/12 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		09/15/12 04:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		09/15/12 04:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		09/15/12 04:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		09/15/12 04:02	96-18-4	
Vinyl acetate	ND	ug/L	50.0	1		09/15/12 04:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		09/15/12 04:02	75-01-4	
Xylene (Total)	ND	ug/L	5.0	1		09/15/12 04:02	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		09/15/12 04:02	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		09/15/12 04:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		09/15/12 04:02	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		09/15/12 04:02	2037-26-5	

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QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

QC Batch: MERP/4512 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 92130912001, 92130912002

METHOD BLANK: 832878 — Matrix: Water
Associated Lab Samples: 92130912001, 92130912002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/15/12 15:21	

LABORATORY CONTROL SAMPLE: 832879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 832880 832881

Parameter	Units	92130925001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.0	2.0	76	76	75-125	0	

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QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

QC Batch: MPRP/11469 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92130912001, 92130912002

METHOD BLANK: 831633 — Matrix: Water
Associated Lab Samples: 92130912001, 92130912002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	09/12/12 21:55	
Arsenic	ug/L	ND	10.0	09/12/12 21:55	
Barium	ug/L	ND	100	09/12/12 21:55	
Beryllium	ug/L	ND	1.0	09/12/12 21:55	
Cadmium	ug/L	ND	1.0	09/12/12 21:55	
Chromium	ug/L	ND	10.0	09/12/12 21:55	
Cobalt	ug/L	ND	10.0	09/12/12 21:55	
Copper	ug/L	ND	10.0	09/12/12 21:55	
Lead	ug/L	ND	10.0	09/12/12 21:55	
Nickel	ug/L	ND	50.0	09/12/12 21:55	
Selenium	ug/L	ND	10.0	09/12/12 21:55	
Silver	ug/L	ND	10.0	09/12/12 21:55	
Thallium	ug/L	ND	5.5	09/12/12 21:55	
Vanadium	ug/L	ND	25.0	09/12/12 21:55	
Zinc	ug/L	ND	10.0	09/12/12 21:55	

LABORATORY CONTROL SAMPLE: 831634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	496	99	80-120	
Arsenic	ug/L	500	493	99	80-120	
Barium	ug/L	500	487	97	80-120	
Beryllium	ug/L	500	506	101	80-120	
Cadmium	ug/L	500	502	100	80-120	
Chromium	ug/L	500	513	103	80-120	
Cobalt	ug/L	500	500	100	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	491	98	80-120	
Nickel	ug/L	500	502	100	80-120	
Selenium	ug/L	500	494	99	80-120	
Silver	ug/L	250	249	100	80-120	
Thallium	ug/L	500	481	96	80-120	
Vanadium	ug/L	500	500	100	80-120	
Zinc	ug/L	500	498	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 831635 831636

Parameter	Units	92130907001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	500	494	100	98	75-125	1	

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QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 831635 831636

Parameter	Units	92130907001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	494	495	99	99	75-125	0	
Barium	ug/L	29.8	500	500	500	498	94	94	75-125	0	
Beryllium	ug/L	ND	500	500	494	489	99	98	75-125	1	
Cadmium	ug/L	ND	500	500	485	480	97	96	75-125	1	
Chromium	ug/L	ND	500	500	497	491	99	98	75-125	1	
Cobalt	ug/L	ND	500	500	480	477	96	95	75-125	1	
Copper	ug/L	ND	500	500	489	489	98	98	75-125	0	
Lead	ug/L	ND	500	500	474	468	95	94	75-125	1	
Nickel	ug/L	ND	500	500	480	476	96	95	75-125	1	
Selenium	ug/L	ND	500	500	485	487	97	97	75-125	0	
Silver	ug/L	ND	250	250	249	247	100	99	75-125	1	
Thallium	ug/L	ND	500	500	460	459	92	91	75-125	0	
Vanadium	ug/L	ND	500	500	496	492	99	98	75-125	1	
Zinc	ug/L	ND	500	500	492	491	98	97	75-125	0	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

QC Batch: MSV/20384 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92130912001, 92130912002

METHOD BLANK: 833662 | Matrix: Water
Associated Lab Samples: 92130912001, 92130912002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	09/15/12 00:54	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/15/12 00:54	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	09/15/12 00:54	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/15/12 00:54	
1,1-Dichloroethane	ug/L	ND	5.0	09/15/12 00:54	
1,1-Dichloroethene	ug/L	ND	5.0	09/15/12 00:54	
1,2,3-Trichloropropane	ug/L	ND	1.0	09/15/12 00:54	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	09/15/12 00:54	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/15/12 00:54	
1,2-Dichlorobenzene	ug/L	ND	5.0	09/15/12 00:54	
1,2-Dichloroethane	ug/L	ND	1.0	09/15/12 00:54	
1,2-Dichloropropane	ug/L	ND	1.0	09/15/12 00:54	
1,3-Dichloropropane	ug/L	ND	1.0	09/15/12 00:54	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/15/12 00:54	
2-Butanone (MEK)	ug/L	ND	100	09/15/12 00:54	
2-Hexanone	ug/L	ND	50.0	09/15/12 00:54	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	09/15/12 00:54	
Acetone	ug/L	ND	100	09/15/12 00:54	
Acrylonitrile	ug/L	ND	200	09/15/12 00:54	
Benzene	ug/L	ND	1.0	09/15/12 00:54	
Bromochloromethane	ug/L	ND	3.0	09/15/12 00:54	
Bromodichloromethane	ug/L	ND	1.0	09/15/12 00:54	
Bromoform	ug/L	ND	3.0	09/15/12 00:54	
Bromomethane	ug/L	ND	10.0	09/15/12 00:54	
Carbon disulfide	ug/L	ND	100	09/15/12 00:54	
Carbon tetrachloride	ug/L	ND	1.0	09/15/12 00:54	
Chlorobenzene	ug/L	ND	3.0	09/15/12 00:54	
Chloroethane	ug/L	ND	10.0	09/15/12 00:54	
Chloroform	ug/L	ND	5.0	09/15/12 00:54	
Chloromethane	ug/L	ND	1.0	09/15/12 00:54	
cis-1,2-Dichloroethene	ug/L	ND	5.0	09/15/12 00:54	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/15/12 00:54	
Dibromochloromethane	ug/L	ND	3.0	09/15/12 00:54	
Dibromomethane	ug/L	ND	10.0	09/15/12 00:54	
Ethylbenzene	ug/L	ND	1.0	09/15/12 00:54	
Iodomethane	ug/L	ND	10.0	09/15/12 00:54	
Methylene Chloride	ug/L	ND	1.0	09/15/12 00:54	
Styrene	ug/L	ND	1.0	09/15/12 00:54	
Tetrachloroethene	ug/L	ND	1.0	09/15/12 00:54	
Toluene	ug/L	ND	1.0	09/15/12 00:54	
trans-1,2-Dichloroethene	ug/L	ND	5.0	09/15/12 00:54	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/15/12 00:54	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	09/15/12 00:54	

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(704)875-9092

QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

METHOD BLANK: 833662 Matrix: Water

Associated Lab Samples: 92130912001, 92130912002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	ND	1.0	09/15/12 00:54	
Trichlorofluoromethane	ug/L	ND	1.0	09/15/12 00:54	
Vinyl acetate	ug/L	ND	50.0	09/15/12 00:54	
Vinyl chloride	ug/L	ND	1.0	09/15/12 00:54	
Xylene (Total)	ug/L	ND	5.0	09/15/12 00:54	
1,2-Dichloroethane-d4 (S)	%	104	70-130	09/15/12 00:54	
4-Bromofluorobenzene (S)	%	94	70-130	09/15/12 00:54	
Dibromofluoromethane (S)	%	104	70-130	09/15/12 00:54	
Toluene-d8 (S)	%	100	70-130	09/15/12 00:54	

LABORATORY CONTROL SAMPLE: 833663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	70-130	
1,1,1-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.4	95	70-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethene	ug/L	50	47.4	95	70-132	
1,2,3-Trichloropropane	ug/L	50	46.1	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene	ug/L	50	50.3	101	70-130	
1,2-Dichloroethane	ug/L	50	45.1	90	70-130	
1,2-Dichloropropane	ug/L	50	48.0	96	70-130	
1,3-Dichloropropane	ug/L	50	49.4	99	70-130	
1,4-Dichlorobenzene	ug/L	50	48.2	96	70-130	
2-Butanone (MEK)	ug/L	100	96.5J	97	70-145	
2-Hexanone	ug/L	100	108	108	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-140	
Acetone	ug/L	100	102	102	50-175	
Acrylonitrile	ug/L	250	237	95	70-143	
Benzene	ug/L	50	48.2	96	70-130	
Bromochloromethane	ug/L	50	47.1	94	70-130	
Bromodichloromethane	ug/L	50	50.5	101	70-130	
Bromoform	ug/L	50	51.4	103	70-130	
Bromomethane	ug/L	50	42.6	85	54-130	
Carbon disulfide	ug/L	50	54.3J	109	70-131	
Carbon tetrachloride	ug/L	50	49.1	98	70-132	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	63.3	127	64-134	
Chloroform	ug/L	50	47.4	95	70-130	
Chloromethane	ug/L	50	55.7	111	64-130	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: NML Landfill
Pace Project No.: 92130912

LABORATORY CONTROL SAMPLE: 833663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	52.3	105	70-130	
Dibromomethane	ug/L	50	47.7	95	70-131	
Ethylbenzene	ug/L	50	49.5	99	70-130	
Iodomethane	ug/L	100	101	101	49-180	
Methylene Chloride	ug/L	50	47.7	95	63-130	
Styrene	ug/L	50	50.1	100	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	48.0	96	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	42.7J	85	70-141	
Trichloroethene	ug/L	50	48.9	98	70-130	
Trichlorofluoromethane	ug/L	50	47.4	95	62-133	
Vinyl acetate	ug/L	100	108	108	66-157	
Vinyl chloride	ug/L	50	48.4	97	69-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			94	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 833664 833665

Parameter	Units	92131407002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	48.2	54.9	96	110	70-166	13	
Benzene	ug/L	ND	50	50	50.0	48.7	100	97	70-148	3	
Chlorobenzene	ug/L	ND	50	50	58.4	56.5	117	113	70-146	3	
Toluene	ug/L	ND	50	50	58.4	57.2	117	114	70-155	2	
Trichloroethene	ug/L	ND	50	50	61.5	58.7	123	117	69-151	5	
1,2-Dichloroethane-d4 (S)	%						106	108	70-130		
4-Bromofluorobenzene (S)	%						97	95	70-130		
Dibromofluoromethane (S)	%						109	109	70-130		
Toluene-d8 (S)	%						99	101	70-130		

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(704)875-9092

QUALIFIERS

Project: NML Landfill
Pace Project No.: 92130912

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NML Landfill
Pace Project No.: 92130912

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92130912001	**SW-1 (Pipe)**	EPA 3010	MPRP/11469	EPA 6010	ICP/10508
92130912002	**SW-2 (Pipe)**	EPA 3010	MPRP/11469	EPA 6010	ICP/10508
92130912001	**SW-1 (Pipe)**	EPA 7470	MERP/4512	EPA 7470	MERC/4420
92130912002	**SW-2 (Pipe)**	EPA 7470	MERP/4512	EPA 7470	MERC/4420
92130912001	**SW-1 (Pipe)**	EPA 8260	MSV/20384		
92130912002	**SW-2 (Pipe)**	EPA 8260	MSV/20384		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1654112

Section A Required Client Information:

Company: TAMPHEN CORP.
Address: 19109-200W. CATAWBA AVE. CORNELIUS, NC. 28031
Email To: rcgilkerson@griffinbrothers.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: TAMPHEN CORP.
Copy To: TOM BOLVARD ENVIRO-PRO., P.C.
Purchase Order No.:
Project Name: NML INFILL
Project Number:

Section C Invoice Information:

Attention: RON GILKERSON
Company Name: TAMPHEN CORP.
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-1 (PIPE)	WT	G			9/10/12	1:20PM		4			1	3						✓ ✓		001
2	SW-2 (PIPE)	WT	G			9/10/12	1:15PM		4			1	3						✓ ✓		002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Requested Analysis Filtered (Y/N): ARS + THE, ARS + METALS + HG, ALKALINITY, CHLORIDE, SULFATE, TDS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
USE LOWER-LEVEL NOBENR SOLID WASTE DETECTION LEVELS.	Ronald C. Gilkerson	9/11/12	12:15	[illegible]	9/11/12	12:15	5.9	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: RON RC GILKERSON
SIGNATURE of SAMPLER: Ronald C. Gilkerson
DATE Signed (MM/DD/YY): 9/11/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

1654112

Section A Required Client Information:

Company: TAMPHON CORP.
Address: 19109-200W. CATAWBA AVE
CORNELIUS, NC 28031
Email To: rgilkerson@griffinbrothers.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: TAMPHON CORP.
Copy To: TOM BOLLARD
ENVIRO-PRO., P.C.
Purchase Order No.:
Project Name: NML INFILL
Project Number:

Section C Invoice Information:

Attention: RON GILKERSON
Company Name: TAMPHON CORP.
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	ART VOCs + THF	ART METALS + Hg	ALKALINITY	CHLORIDE	SULFATE	TDS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92130912
1	SW-1 (PIPE)	WT	G			9/10/12	1:00PM		4			1	3						✓	✓						001
2	SW-2 (PIPE)	WT	G			9/10/12	1:15PM		4			1	3						✓	✓						002
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
USE LOWER-LEVEL NOISE	Ronald C. Gilkerson	9/11/12	11:11	[illegible]	9/11/12	11:11	5.9	Y	N	Y
SOLID WASTE DETECTION										
LEVELS										

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ron M.D.C. Gilkerson

SIGNATURE of SAMPLER: Ronald C. Gilkerson DATE Signed (MM/DD/YY): 9/11/12

3

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

APPENDIX C

July 20, 2012

Mr. Ron Gilkerson
Griffin Brothers Companies
19109 W. Catawba Avenue, Suite 200
Cornelius, North Carolina 28031-5613

RE: Methane Monitoring Report (2nd Quarter 2012)
North Mecklenburg C&D Landfill – Infill Area
Huntersville, North Carolina
Project # EP-1442

Dear Mr. Gilkerson:

Attached please find the Methane Monitoring Field Data sheets for the 11 methane monitoring wells (MMW-1 through MMW-11). These 11 wells were installed on April 19 and 20, 2012. Methane readings were recorded in the field on June 15, 2012 by Enviro-Pro personnel utilizing a Landtec GEM-500 Gas Extraction Monitor.

Please contact me at (803) 547-4955 if you have any questions concerning this information.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist

2646 Farmlake Lane • Fort Mill, SC 29708 • (803) 547-4955 • Fax (803) 548-2233

METHANE MONITORING FIELD DATA

Well Number: MMW-1

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 14:00

Ambient Temperature: 80° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-2

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 14:15

Ambient Temperature: 81° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-3

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 14:30

Ambient Temperature: 81° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-4

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-14492

Date: 6/15/12

Personnel: BVB

Time: 14:45

Ambient Temperature: 82° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-5

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 15:00

Ambient Temperature: 82° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-6

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 15:15

Ambient Temperature: 82° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-7

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 15:30 am

Ambient Temperature: 83° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-8

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 15:45

Ambient Temperature: 83° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-9

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 16:00

Ambient Temperature: 84° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-10

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 16:15

Ambient Temperature: 84° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

METHANE MONITORING FIELD DATA

Well Number: MMW-11

Project Name: North Mecklenburg C&D Landfill (Infill Area)

Location: Huntersville, North Carolina

Project Number: EP-1442

Date: 6/15/12

Personnel: BVB

Time: 16:30

Ambient Temperature: 84° F

Barometric Pressure: 29.93

Weather Conditions: Clear & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0