STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

August 11, 2015

Mr. Dave Favero
RACER Trust
500 Woodward Avenue, Suite 1510
Detroit, Michigan 48226

Dear Mr. Favero:

SUBJECT: Davison Road Industrial Land Remediation Summary,
Burton, Genesee County, Michigan; Facility ID No.: 25000447

The Department of Environmental Quality (DEQ), Remediation and Redevelopment Division, has reviewed the Remediation Summary for the Davison Road Industrial Land and concurs with the summary. The Expected Future Site Requirements are correct using the information we have. Additional information may slightly alter these requirements.

The DEQ continues to support RACER's efforts to address the environmental risks at this Facility in anticipation of site redevelopment. If I can be of any further assistance in this matter, please do not hesitate to contact me.

Sincerely,

James E. Innes
Lansing District Office
Remediation and Redevelopment Division
517-284-5115
innesj@michigan.gov

cc: Mr. Dennis Eagle, DEQ

RACER DAVISON ROAD INDUSTRIAL LAND REMEDIATION SUMMARY

August 11, 2015

INTRODUCTION

RACER's practice is to work with buyers to find mutually acceptable solutions for site development and remediation requirements. This brief Remediation Summary is designed to provide the following information about the Davison Road Industrial Land (Site) to assist potential buyers:

- Site history and description
- Previous Site investigations
- Current Site status
- Expected future Site requirements

Full background reports are available and can be provided if requested. In addition, more specific and detailed discussions can be arranged with RACER and the Michigan Department of Environmental Quality (MDEQ) at an appropriate time once a draft conceptual Site development plan has been prepared. The MDEQ supports the common goals of Site remediation and development and, in cooperation with RACER, will streamline and expedite remediation consistent with MDEQ regulatory requirements.

SITE HISTORY AND DESCRIPTION

Located off Davison Road, this 56.21-acre vacant parcel is bordered by:

- Davison Road and mixed commercial properties to the north;
- Canadian National railroad line to the south;
- A Consumer's Power Company right-of-way and a General Motors Customer Care and Aftersales warehouse and distribution facility to the west; and
- A vacant parcel to the east.
- Gilkey Creek crosses the southwest portion of the Site.

See Figure 1 and 2, and Appendix 1.

Based on review of historical aerial photographs and other records it appears that the Site was:

- Agriculture land until the late 1950s;
- Limited residential development began in the late 1950s and early 1960s;
- Purchased by the former General Motors Corporation (GMC) in the early 1960s; and
- Associated with the Delphi Energy and Engine Management Systems Flint East Facility (the former Delphi Facility on Center Road west of the Site), until 1999, when Delphi Automotive Systems was divested from GMC.

In the 1970s GMC placed fill on a portion of the Site. The fill included construction debris, miscellaneous inert solid waste and foundry sand primarily from the former GMC Buick Motor Division facility in Flint, MI. The fill is located primarily in the central and southeast portion of the property and, where present, is generally less than five feet thick but can be as much as 13 feet thick in isolated locations. This fill material was the only concern identified for the Site in a Phase I Environmental Assessment (ESA) completed for the Site in 1995.

The remainder of the Site was never used by GMC, with the exception of an asphalt test track that extends through the northern portion of the Site and onto the adjoining parcel to the east. No manufacturing activities took place at this Site. A portion of the Site lies in the floodway and some adjacent ground lies within the 100 year floodplain. In addition, a small portion of the southeast part of the Site is included in the National Wetlands Survey.

PREVIOUS SITE INVESTIGATIONS

Site investigations were completed by GMC from 1996 through November 2007. The investigations included soil and groundwater characterization, fill delineation, and ecological habitat assessment. RACER completed additional Site Investigations from 2012 through the present.

Two primary environmental concerns related to this historic fill were identified – one ecological based issue associated with groundwater migrating to surface water (so – called Groundwater/Surface Water Interface (GSI) Protection Criteria and two limited areas where several soil samples contained concentrations of polynuclear aromatic hydrocarbons (PNAs) above the MDEQ Part 201 Non Residential Direct Contact Protection Criteria (Figure 3). Both issues can be addressed by RACER with little to no impact on future redevelopment of the Site.

No geotechnical soil testing has been conducted at the Site, however a cross-section key and cross-sections illustrating the subsurface material at the Site are included in Figures 4 and 5, and select soil boring information is included in Appendix 2. Subsurface material (some of which is fill) generally consists of sand or silt/clay over a saturated sand/silt underlain by clay. Site investigations delineated the area containing fill material.

A figure illustrating GSI groundwater compliance monitoring locations with concentrations of certain metals above MDEQ Non-residential Part 201 GSI Cleanup Criteria (Figure 2). Depth to groundwater is generally five to fifteen feet below grade.

Overall the identified exceedances of MDEQ Part 201 criteria are relatively minor, and with implementation of appropriate institutional controls and due care, these limited exceedances will not result in human exposures nor pose any risks to human health.

CURRENT SITE STATUS

Remediation activities are currently being conducted by Environmental Resources Group LLC (ERG) on behalf of RACER, with approval and oversight by the MDEQ. The RACER Trust Settlement Agreement allocated $612,280 for Site remediation, with approximately $350,000 currently remaining.

An additional round of groundwater monitoring has recently been completed to support a Request to MDEQ for a Mixing Zone Based GSI Criteria for arsenic concentrations in the groundwater located in monitoring wells located near the Gilkey Creek. MDEQ has concurred that the other metals identified in groundwater do not pose a threat due to the distance from the creek.

Additional investigation is necessary to verify the presence or absence of soil impacts identified in historical Site investigations above MDEQ Non-Residential Direct Contact Criteria at two locations illustrated on Figure 2.

EXPECTED FUTURE SITE REQUIREMENTS

A No Further Action (NFA) determination or Certificate of Completion (COC) issued by MDEQ is expected for the Site based on

- MDEQ approving an acceptable Mixing Zone Based GSI criteria for arsenic;
- Filing of a Declaration of Restrictive Covenant (DRC) to be recorded with the Genesee County Register of Deeds; and
- Appropriate action to address any soil with exceedances of MDEQ Non-Residential Direct Contact Criteria (deed restriction or excavation and off-site disposal).

Results of the additional investigation to verify the presence or absence of soil impacts identified in historical Site investigations above MDEQ Non-Residential Direct Contact Criteria will be used to define any necessary final corrective measures which may include excavation and disposal. The schedule for this work can be coordinated with Site development to ensure Site development schedules are not delayed.

Follow-up groundwater monitoring primarily using existing monitoring wells near Gilkey Creek, may be necessary for a year or more to verify that concentrations of arsenic in the groundwater near the Creek remain stable and below the Mixing Zone Based GSI criteria. Groundwater monitoring is expected to be necessary quarterly or less often.

Upon MDEQ approval of the NFA request or issuance of a COC, it is anticipated that Site remediation activities will be limited to groundwater monitoring and ultimately, abandonment of monitoring wells.

The above activities can be coordinated to ensure no adverse impact on Site development activities.

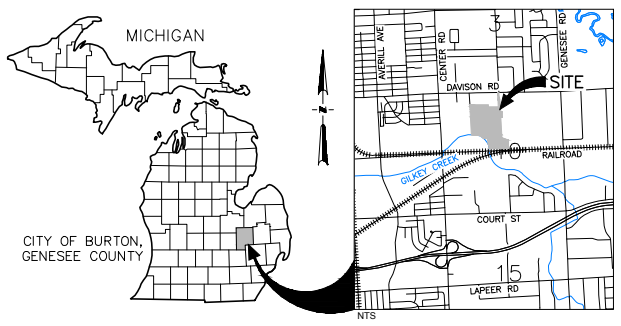
Attachments

Figure 1 - Site Location Map
Figure 2 –Site Map
Figure 3 – Soil and Groundwater Exceedance Map
Figure 4 - Cross Section A-A’
Figure 5 – Cross Section B-B’

Appendix 1 – Site Boundary and Topographic Surveys
Appendix 2 – Soil Information

SITE

LOCATON MAP



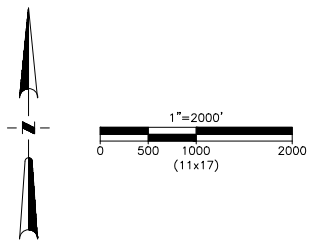
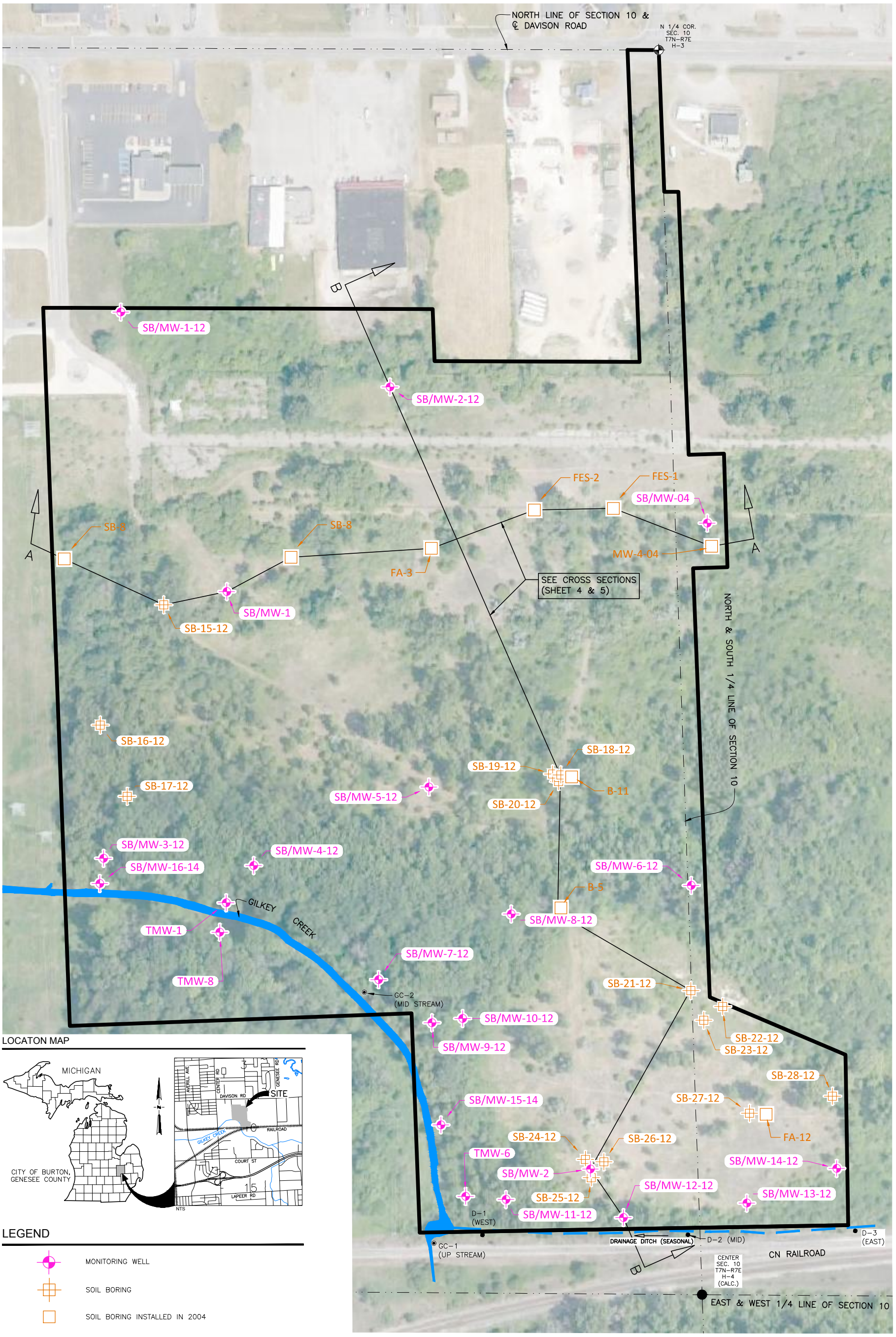


FIGURE 1	DRWG. by : MA CHECK : DATE : 8/11/2015 DWG: 2015 Aug Fig 1-2 SHEET : 1 of 4	CONT. INT.: N/A FIELD : MD/SM/LB V. SCALE : N/A SCALE: 1"=200' JOB# :12-068		**SITE LOCATION MAP** RACER TRUST DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN	PREPARED BY: MEGA Engineering Group Associates, Inc.

ERG Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108



LOCATON MAP

LEGEND

- MONITORING WELL
- SOIL BORING
- SOIL BORING INSTALLED IN 2004

FIGURE 2

DRWG. by : MA
CHECK :
DATE : 8/11/2015
DWG: 2015 Aug Fig 1-2
SHEET : 2 of 5

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE : N/A

SCALE: 1"=200'

JOB# :12-068

SITE MAP

RACER TRUST
DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN

PREPARED BY: Monument Engineering Group Associates, Inc. (MEGA)

ERG Environmental Resources Group
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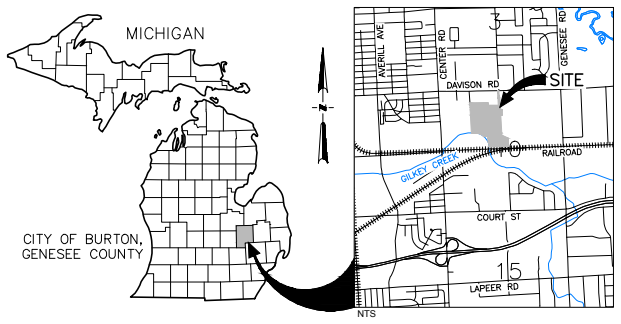
Phone: 248-773-7986 • Fax: 248-924-3108

NORTH LINE OF SECTION 10 &
℄ DAVISON ROAD

N 1/4 COR.
SEC. 10
T7N-R7E
H-3

SB/MW-1-12
SB/MW-2-12
FES-2
FES-1
SB/MW-04
SB-8
SB-8
MW-4-04
FA-3
SB/MW-1
SB-15-12
NORTH & SOUTH 1/4 LINE OF SECTION 10
SB-16-12
SB-18-12
SB-19-12
B-11
SB-17-12
SB/MW-5-12
SB-20-12
SB/MW-3-12
SB/MW-4-12
SB/MW-16-14
SB/MW-6-12
B-5
GILKEY CREEK
SB/MW-8-12
TMW-1
SB/MW-7-12
TMW-8
GC-2
(MID STREAM)
SB-21-12
SB/MW-10-12
SB-22-12
SB-23-12
SB/MW-9-12
SB-28-12
SB/MW-15-14
SB-27-12
FA-12
SB-24-12
SB-26-12
TMW-6
SB/MW-14-12
SB/MW-2
SB/MW-12-12
SB-25-12
SB/MW-13-12
D-1
(WEST)
SB/MW-11-12
D-3
(EAST)
DRAINAGE DITCH (SEASONAL)
D-2 (MID)
GC-1
(UP STREAM)
CN RAILROAD
CENTER
SEC. 10
T7N-R7E
H-4
(CALC.)
EAST & WEST 1/4 LINE OF SECTION 10

LOCATON MAP



LEGEND

- MONITORING WELL
- ~~SOIL BORING~~
- SOIL BORING INSTALLED IN 2004
- GROUNDWATER/SURFACE WATER INTERFACE (GSI) COMPLIANCE WELLS
- (GSI) COMPLIANCE WELLS WITH CONCENTRATIONS GREATER THAN THE CALCULATED FACILITY SPECIFIC PART 201 NON RESIDENTIAL ARSENIC GSI CRITERIA OF 10 PARTS PER BILLION (PPB) / MICROGRAMS PER LITER (UG/L)
- ~~POLYNUCLEAR AROMATIC HYDROCARBONS (PNAS) CONCENTRATIONS ABOVE THE PART 201 DIRECT CONTACT CLEANUP CRITERIA~~

1"=200'
0 50 100 200
(11x17)

NOTE

ALL SOIL BORINGS CONTAIN CONCENTRATIONS OF METALS, VOCS AND/OR PNAS ABOVE THE PART 201 CALCULATED FACILITY SPECIFIC GSI PROTECTION CRITERIA

FIGURE 3

DRWG. by : MA
CHECK :
DATE : 8/11/2015
DWG: 2015 Aug Fig 1-2
SHEET : 3 of 5

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE : N/A
SCALE: 1"=200'
JOB# :12-068

SOIL & GROUND WATER EXCEEDANCE MAP

RACER TRUST
DAVISON ROAD INDUSTRIAL LAND- BURTON, MICHIGAN

PREPARED BY: Monument Engineering Group Associates, Inc. (MEGA)

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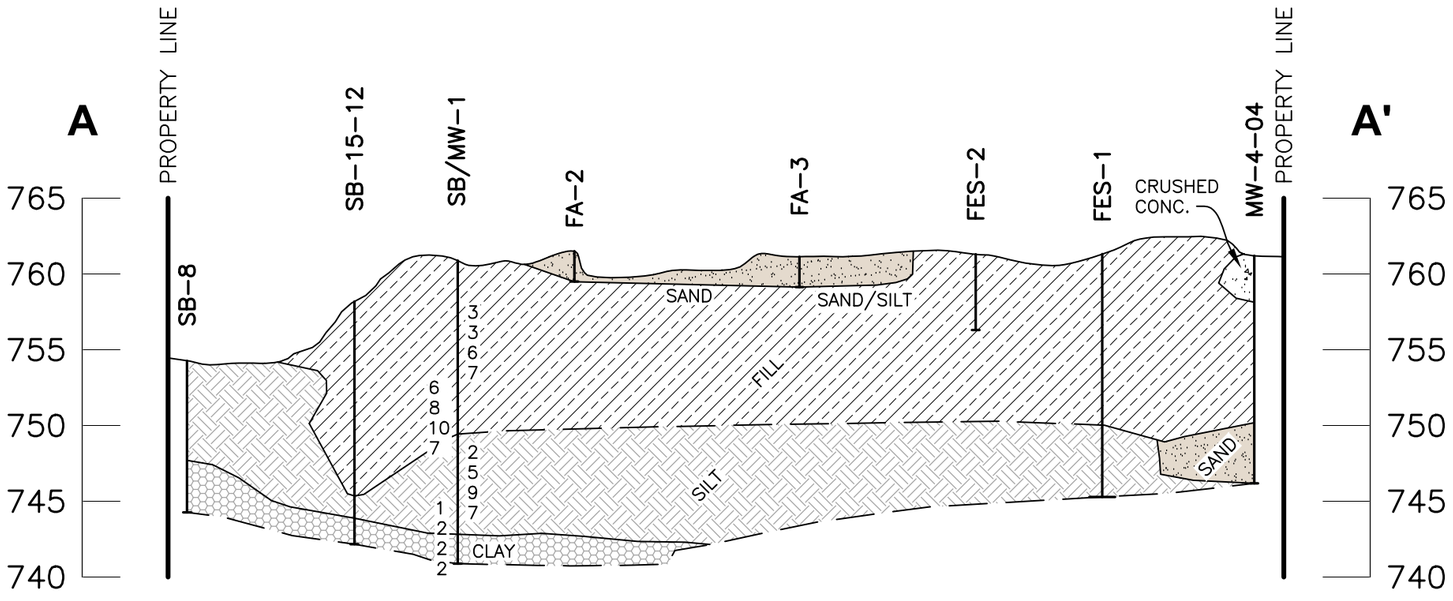
Phone: 248-773-7986 • Fax: 248-924-3108

LEGEND

- FILL
- SILT/CLAY
- SILT/SAND
- CLAY

2
4
4
5 BLOW COUNTS TAKEN AT TIME OF DRILLING



1" = 200'
0 100 200 400
VERTICAL: 1" = 10'
(11X17)

FIGURE **4**

ERG Environmental Resources Group
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Phone: 248-773-7986 • Fax: 248-924-3108

SCALE: 1" = 200'

RACER TRUST

DAVISON ROAD INDUSTRIAL LAND

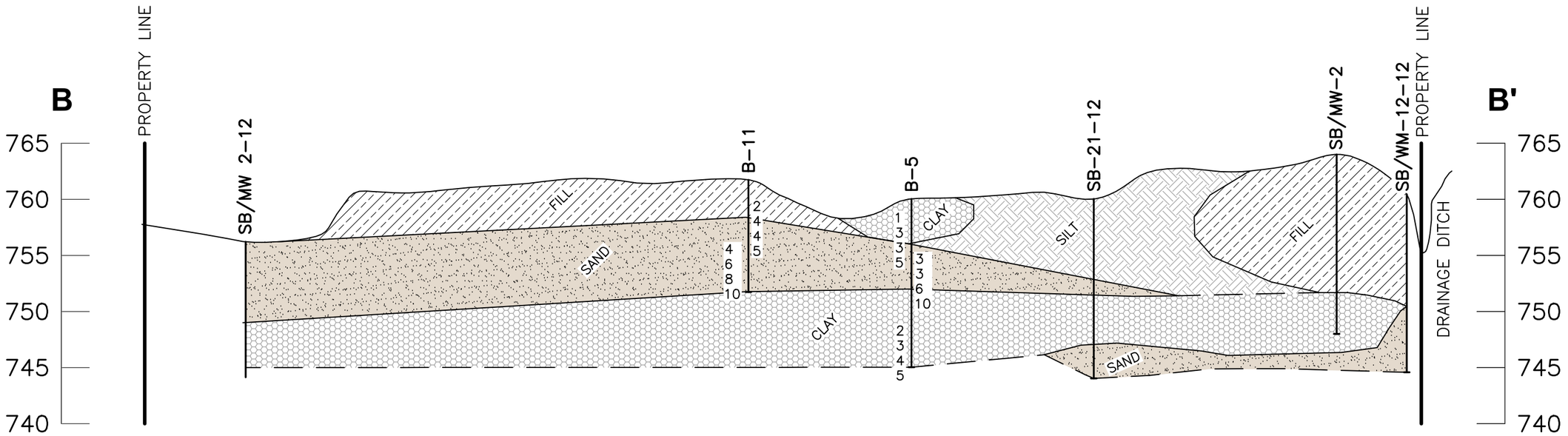
CROSS SECTION (A-A')

JOB No. 12-068

DR. BY: MA | DATE: 8/11/2015

SHEET: 4 OF 5

FILE:P:\Projects\2012\12-068 Davision Rd RACER\Dwg\Survey\12-068_2015-Aug_Fig 4-5.dwg DATE:8/10/2015 12:48 PM



FIGURE

5

ERG Environmental Resources Group
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Phone: 248-773-7986 • Fax: 248-924-3108

SCALE: 1" = 200'

RACER TRUST

DAVISON ROAD INDUSTRIAL LAND

CROSS SECTION (B-B')

JOB No. 12-068

DR. BY: MA | DATE: 8/11/2015

SHEET: 5 OF 5

1" = 200'
0 100 200 400
VERTICAL: 1" = 10'
(11X17)

LEGEND

- FILL
- SILT/SAND
- SILT/CLAY
- CLAY
- 2 4 4 5 — BLOW COUNTS TAKEN AT TIME OF DRILLING

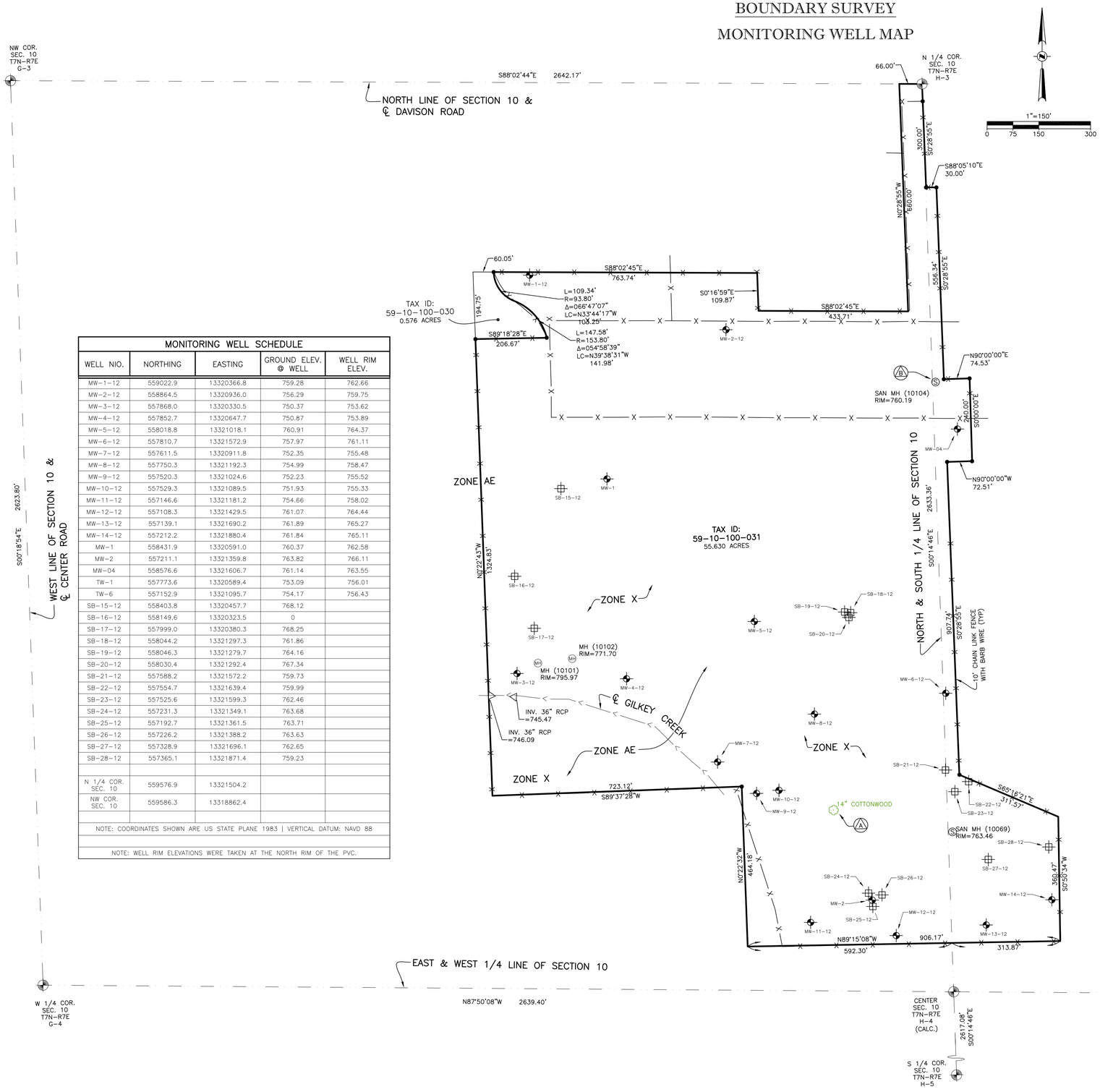
FILE:P:\Projects\2012\12-068 Davision Rd RACER\Dwg\Survey\12-068_2015-Aug_Fig 4-5.dwg DATE:8/10/2015 12:48 PM

APPENDIX 1

SITE BOUNDARY AND TOPOGRAPHIC SURVEY

BOUNDARY SURVEY

MONITORING WELL MAP

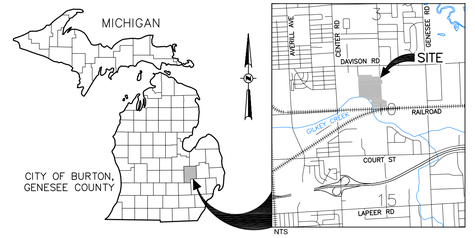


MONITORING WELL SCHEDULE				
WELL NIO.	NORTHING	EASTING	GROUND ELEV. @ WELL	WELL RIM ELEV.
MW-1-12	559022.9	13320366.8	759.28	762.66
MW-2-12	558864.5	13320936.0	756.29	759.75
MW-3-12	557868.0	13320330.5	750.37	753.62
MW-4-12	557852.7	13320647.7	750.87	753.89
MW-5-12	558018.8	13321018.1	760.91	764.37
MW-6-12	557810.7	13321572.9	757.97	761.11
MW-7-12	557611.5	13320911.8	752.35	755.48
MW-8-12	557750.3	13321192.3	754.99	758.47
MW-9-12	557520.3	13321024.6	752.23	755.52
MW-10-12	557529.3	13321089.5	751.93	755.33
MW-11-12	557146.6	13321181.2	754.66	758.02
MW-12-12	557108.3	13321429.5	761.07	764.44
MW-13-12	557139.1	13321690.2	761.89	765.27
MW-14-12	557212.2	13321880.4	761.84	765.11
MW-1	558431.9	13320591.0	760.37	762.58
MW-2	557211.1	13321359.8	763.82	766.11
MW-04	558576.6	13321606.7	761.14	763.55
TW-1	557773.6	13320589.4	753.09	756.01
TW-6	557152.9	13321095.7	754.17	756.43
SB-15-12	558403.8	13320457.7	768.12	
SB-16-12	558149.6	13320323.5	0	
SB-17-12	557999.0	13320380.3	768.25	
SB-18-12	558044.2	13321297.3	761.86	
SB-19-12	558046.3	13321279.7	764.16	
SB-20-12	558030.4	13321292.4	767.34	
SB-21-12	557588.2	13321572.2	759.73	
SB-22-12	557554.7	13321639.4	759.99	
SB-23-12	557525.6	13321599.3	762.46	
SB-24-12	557231.3	13321349.1	763.68	
SB-25-12	557192.7	13321361.5	763.71	
SB-26-12	557226.2	13321388.2	763.63	
SB-27-12	557328.9	13321696.1	762.65	
SB-28-12	557365.1	13321871.4	759.23	
N 1/4 COR. SEC. 10	559576.9	13321504.2		
NW COR. SEC. 10	559586.3	13318862.4		

NOTE: COORDINATES SHOWN ARE US STATE PLANE 1983 | VERTICAL DATUM: NAVD 88

NOTE: WELL RIM ELEVATIONS WERE TAKEN AT THE NORTH RIM OF THE PVC.

LOCATON MAP



EXISTING LEGEND

- CULVERT/ END SECTION
- SANITARY SEWER, MH, CLEAN OUT
- MISC. MANHOLE, HAND HOLE, HAND BOX
- SECTION LINE, SECTION CORNER
- FOUND IRON ROD (FIR), FD MON, FD PK
- SET IRON ROD (SIR), SET PK, MAG NAIL
- FENCE
- MONITORING WELL
- SOIL BORING

LEGAL DESCRIPTION

Legal Description

A part of the N 1/2 of Section 10, T7N-R7E, City of Burton, Genesee County, Michigan more particularly described as beginning at the N 1/4 corner of said Section 10, thence S00°28'55"E, 300.00 feet; thence S88°05'10"E, 30.00 feet; thence S00°28'55", 556.34 feet; thence East, 74.53 feet; thence South, 240.00 feet; thence West, 72.51 feet; thence S00°28'55"E, 907.74 feet; thence S65°16'21"E, 311.57 feet; thence S00°50'34"W, 360.47 feet; thence N89°15'08"W, 906.17 feet; thence N00°22'32"W, 464.18 feet; thence S89°37'28"W, 723.12 feet; thence N00°22'43"W, 1324.83 feet; thence S89°18'28"E, 206.67 feet; thence along the arc of a curve to the left 147.58 feet, said curve has a radius of 153.80 feet, a central angle of 54°58'39" and a long chord which bears N39°38'31"W, 141.98 feet; thence along the arc of a curve to the right 109.34 feet, said curve has a radius of 93.80 feet, a central angle of 66°47'07" and a long chord which bears N33°44'17"W, 103.25 feet; thence S88°02'45"E, 763.74 feet; thence S00°16'59"E, 109.87 feet; thence S88°02'45"E, 433.71 feet; thence N00°28'55"W, 660.00 feet; thence along the North line of Section 10 and centerline of Davison Road, S88°02'44"E, 66.00 feet to the Point of Beginning, containing 55.630 acres and subject to the rights of the public over Davison Road, also subject to any other easements or restrictions of record.

Sections corner Witnesses

N 1/4 corner Section 10, H-03
Found Remonumentation cap, per the position as described and recorded in LCRC, L.4587, P.423 Genesee County Records.

NW corner Section 20, G-03
Found Remonumentation cap, per the position as described and recorded in LCRC, L.4587, P.423 Genesee County Records.

W 1/4 corner Section 10, G-04
Found Remonumentation cap, per the position as described and recorded in LCRC, L.1881, P.880 Genesee County Records.

E 1/4 corner Section 10, I-04
Found Remonumentation cap, per the position as described and recorded in LCRC, L.2081, P.591 Genesee County Records.

FLOODPLAIN INFORMATION

FEMA FIRM MAP NO: 26049C0194D
EFFECTIVE DATE: SEPT. 25, 2009

ZONE X:
AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ZONE AE:
BASE FLOOD ELEVATIONS DETERMINED

BASE FLOOD ELEV.: 757'

BENCHMARKS

DATUM: NAVD 88

(A) BENCHMARK A: ELEV = 761.60
Set Nail and Tag in W/side 14" cottonwood. Approximately 155' E and 65' S of MW-10-12.

(B) BENCHMARK B: ELEV = 760.19
N rim of existing Sanitary MH. Approximately 140' N and 65' W of MW-04.

(C) BENCHMARK C: ELEV = 738.71
NGS BM NO. 25609

ENGINEERS · SURVEYORS · CONSULTANTS · LANDSCAPE ARCHITECTS · LAND PLANNERS
638 SOUTH GRAND AVE.
FOWLERVILLE,
MICHIGAN 48836
(OFFICE) 517.223.3512
(FAX) 517.223.3987

CLIENT :
WILCOX

BOUNDARY SUVREY & WELL MAP

PART OF N 1/2, SECTION 10, T7N-R7E
CITY OF BURTON, GENESEE COUNTY
MICHIGAN

DATE

REVISIONS

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE :

SCALE: 1"=150'

JOB# :12-068

DRWG. by :MA
CHECK : AP
DATE : 09/18/2012
12-068Bnd
SHEET : 1 OF 2

1

BURTON SITE

Prepared for
MONUMENT ENGINEERING GROUP ASSOCIATES

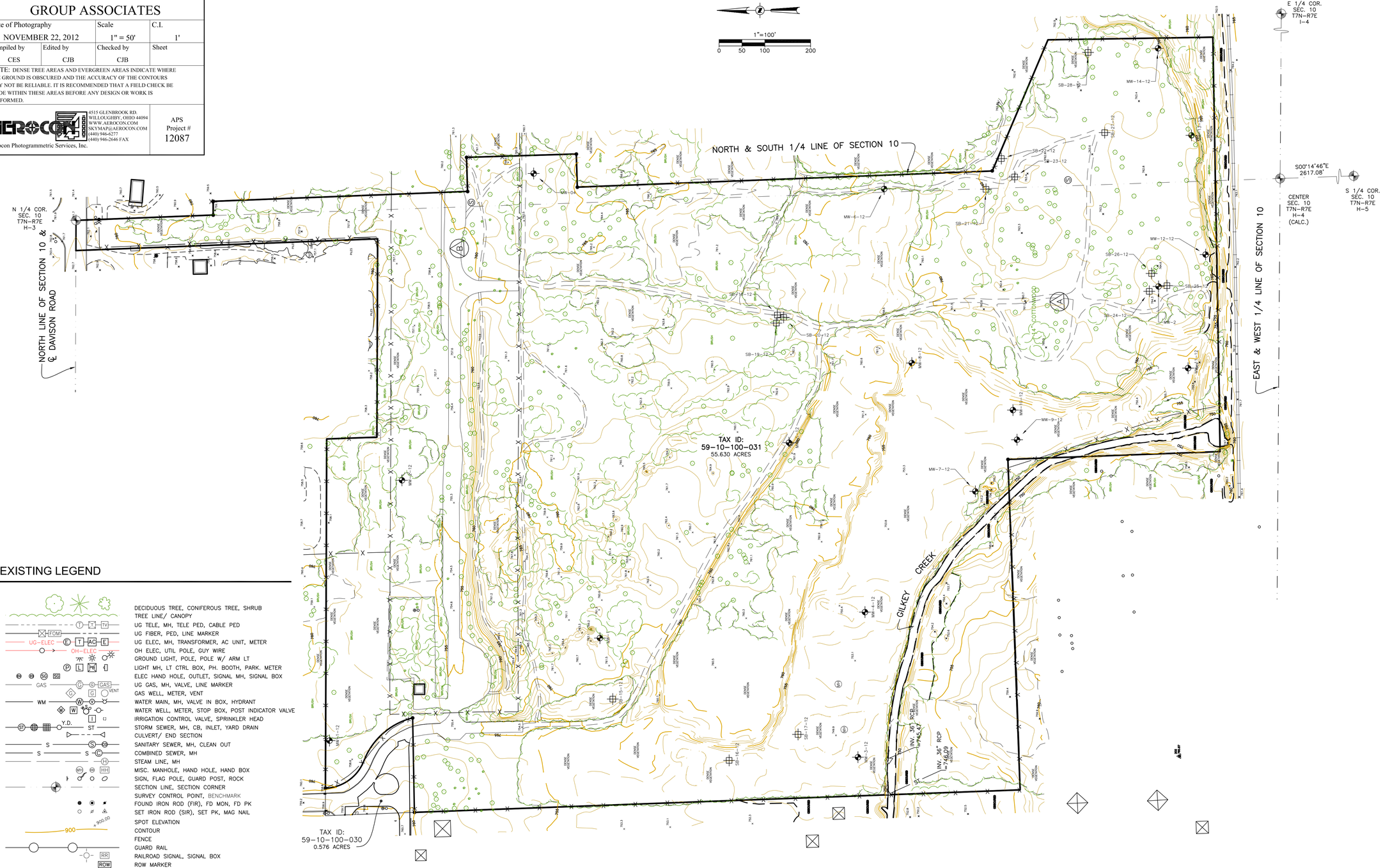
Date of Photography		Scale	C.I.
NOVEMBER 22, 2012		1" = 50'	1'
Compiled by	**Edited by**	**Checked by**	**Sheet**
CES	CJB	CJB	

NOTE: DENSE TREE AREAS AND EVERGREEN AREAS INDICATE WHERE THE GROUND IS OBSCURED AND THE ACCURACY OF THE CONTOURS MAY NOT BE RELIABLE. IT IS RECOMMENDED THAT A FIELD CHECK BE MADE WITHIN THESE AREAS BEFORE ANY DESIGN OR WORK IS PERFORMED.

AEROCON
4515 GLENBROOK RD.
WILLOUGHBY, OHIO 44094
WWW.AEROCON.COM
SKYMAP@AEROCON.COM
(440) 946-6277
(440) 946-2646 FAX
Aerocon Photogrammetric Services, Inc.

APS Project # 12087

TOPOGRAPHIC SURVEY



EXISTING LEGEND

	DECIDUOUS TREE, CONIFEROUS TREE, SHRUB
	TREE LINE/ CANOPY
T T TV	UG TELE, MH, TELE PED, CABLE PED
FOM	UG FIBER, PED, LINE MARKER
UG-ELEC E T AC E	UG ELEC, MH, TRANSFORMER, AC UNIT, METER
OH-ELEC	OH ELEC, UTIL POLE, GUY WIRE
P L PE	GROUND LIGHT, POLE, POLE W/ ARM LT
	LIGHT MH, LT CTRL BOX, PH. BOOTH, PARK. METER
	ELEC HAND HOLE, OUTLET, SIGNAL MH, SIGNAL BOX
GAS G GAS	UG GAS, MH, VALVE, LINE MARKER
G VENT	GAS WELL, METER, VENT
WM W V	WATER MAIN, MH, VALVE IN BOX, HYDRANT
W W SB I	WATER WELL, METER, STOP BOX, POST INDICATOR VALVE
	IRRIGATION CONTROL VALVE, SPRINKLER HEAD
ST Y.D. ST	STORM SEWER, MH, CB, INLET, YARD DRAIN
	CULVERT/ END SECTION
S S EX	SANITARY SEWER, MH, CLEAN OUT
S S C	COMBINED SEWER, MH
H	STEAM LINE, MH
MH HH	MISC. MANHOLE, HAND HOLE, HAND BOX
	SIGN, FLAG POLE, GUARD POST, ROCK
	SECTION LINE, SECTION CORNER
	SURVEY CONTROL POINT, BENCHMARK
	FOUND IRON ROD (FIR), FD MON, FD PK
	SET IRON ROD (SIR), SET PK, MAG NAIL
x 900.00	SPOT ELEVATION
900	CONTOUR
	FENCE
	GUARD RAIL
RR	RAILROAD SIGNAL, SIGNAL BOX
ROW	ROW MARKER
	SOIL BORING
	ASPHALT
	CONCRETE

ENGINEERS · SURVEYORS · CONSULTANTS · LANDSCAPE ARCHITECTS · LAND PLANNERS
638 SOUTH GRAND AVE.
FOWLERVILLE,
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CLIENT : WILCOX

TOPOGRAPHIC SURVEY

PART OF N 1/2, SECTION 10, T7N-R7E
CITY OF BURTON, GENESEE COUNTY
MICHIGAN

DATE

REVISIONS

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE :

SCALE: 1"=150'

JOB# :12-068

DRWG. by :MA
CHECK : AP
DATE : 09/18/2012
12-068Bnd
SHEET : 2 OF 2

2

APPENDIX 2

SOIL INFORMATION

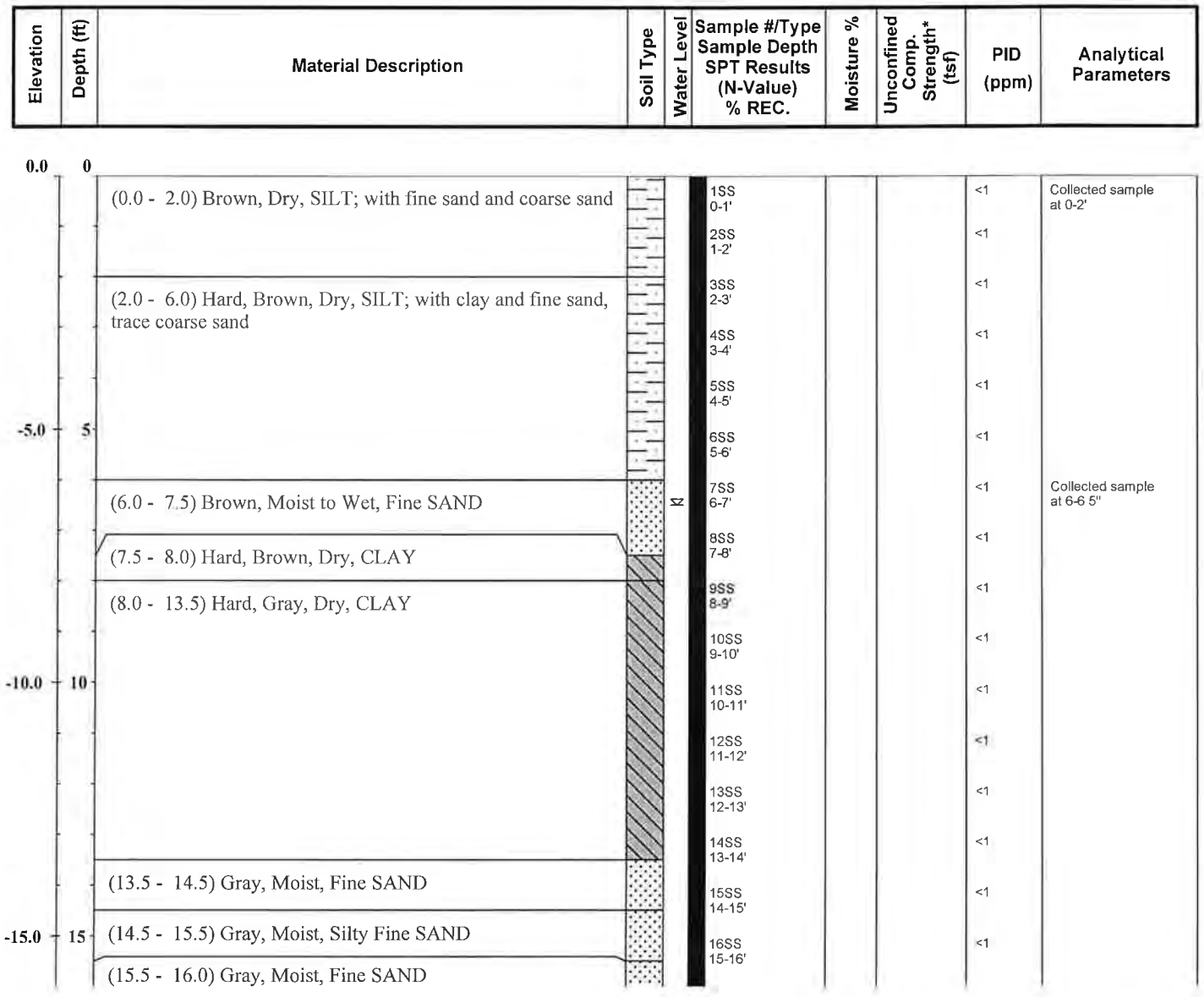
Wilcox PROFESSIONAL SERVICES

5859 Sherman Road
Saginaw, MI 48604
989-752-6500
989-752-6600 fax

SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-21-12
BORING LOCATION: Near fence on east central part of site
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/17/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Graves
CITY: Burton **COUNTY:** Genesee



GROUNDWATER OBSERVATIONS
- ▽ DURING DRILLING: 6.5'
- ◤ AT COMPLETION OF DRILLING: NR
- ▼ AFTER NR HOURS: NR

NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE
AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

*LL = Liquid Limt - PI = Plasticity Index
*St = Hand Torvane Shear Strength
*Qp = Pocket Penetrometer
*Qu = Unconfined Compression Machine

Wilcox PROFESSIONAL SERVICES

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989-752-6600 fax

SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-22-12
BORING LOCATION:
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/17/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Graves
CITY: Burton **COUNTY:** Genesee

Elevation	Depth (ft)	Material Description	Soil Type	Water Level	Sample #/Type Sample Depth SPT Results (N-Value) % REC.	Moisture %	Unconfined Comp. Strength* (tsf)	PID (ppm)	Analytical Parameters
0.0	0	(0.0 - 3.0) Brown, Dry, SILT and SAND; with gravel			1SS 0-1'			<1	
					2SS 1-2'			<1	
					3SS 2-3'			<1	Collected sample at 2-3'
		(3.0 - 6.5) Brown, Dry, SILT and CLAY; with coarse sand			4SS 3-4'			<1	
					5SS 4-5'			<1	
-5.0	5				6SS 5-6'			<1	
					7SS 6-7'			<1	
		(6.5 - 7.5) Brown, Wet, Fine SAND		▽	8SS 7-8'			<1	
		(7.5 - 14.0) Hard, Gray, Dry, CLAY			9SS 8-9'			<1	
					10SS 9-10'			<1	
-10.0	10				11SS 10-11'			<1	
					12SS 11-12'			<1	
					13SS 12-13'			<1	
					14SS 13-14'			<1	
		(14.0 - 16.0) Brown, Moist, Fine SAND			15SS 14-15'			<1	
-15.0	15				16SS 15-16'			<1	

GROUNDWATER OBSERVATIONS

▽ DURING DRILLING: 7'
▼ AT COMPLETION OF DRILLING: NR
▼ AFTER NR HOURS: NR

NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE

AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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*St = Hand Torvane Shear Strength
*Qp = Pocket Penetrometer
*Qu = Unconfined Compression Machine

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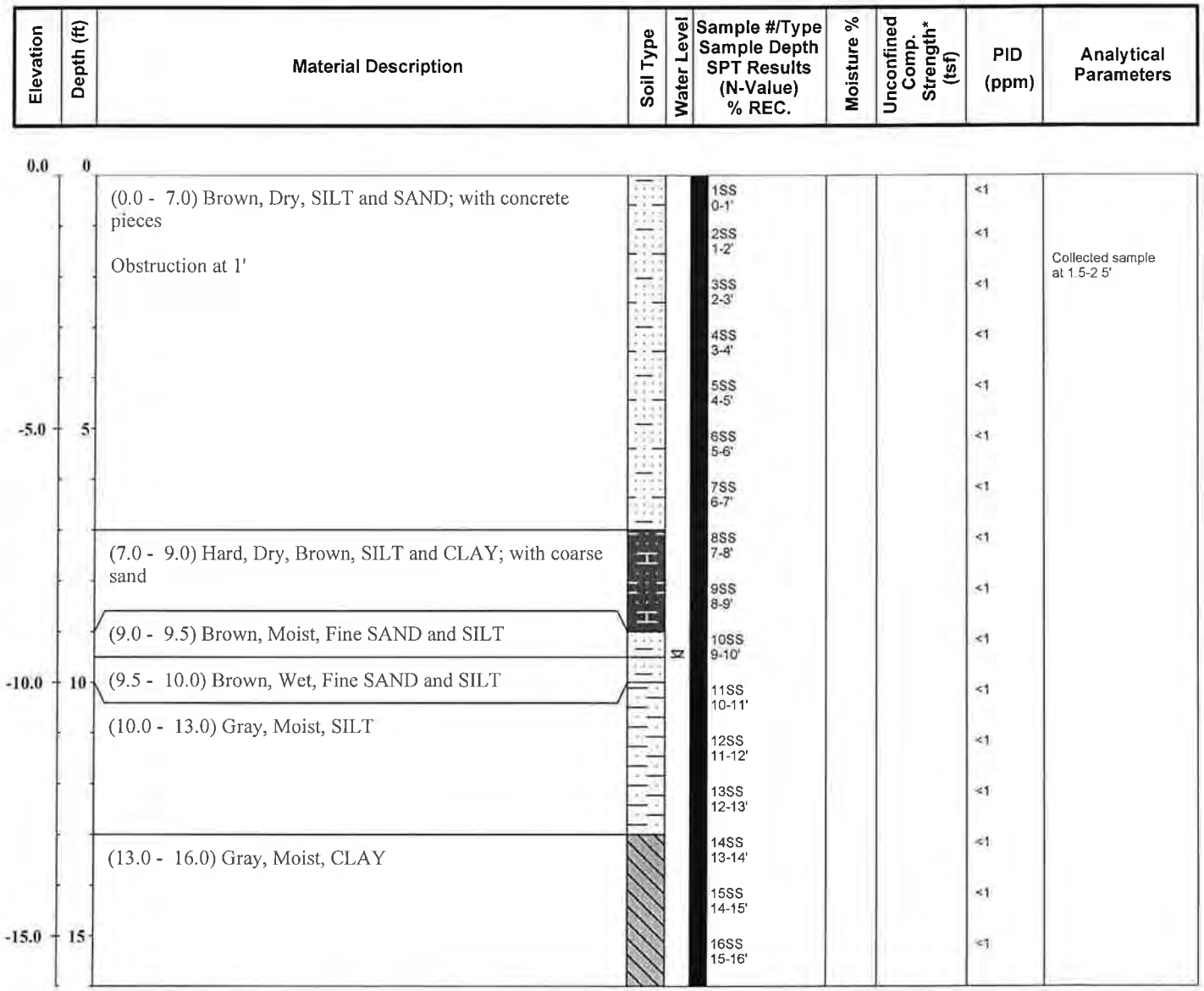
SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-23-12
BORING LOCATION:
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/17/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Graves
CITY: Burton **COUNTY:** Genesee



GROUNDWATER OBSERVATIONS

- ▽ DURING DRILLING: 9.5'
- ▼ AT COMPLETION OF DRILLING: NR
- ▼ AFTER NR HOURS: NR

NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE

AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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*Qu = Unconfined Compression Machine

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SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-24-12
BORING LOCATION: Near MW-2
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/16/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Lambert
CITY: Burton **COUNTY:** Genesee

Elevation	Depth (ft)	Material Description	Soil Type	Water Level	Sample #/Type Sample Depth SPT Results (N-Value) % REC.	Moisture %	Unconfined Comp. Strength* (tsf)	PID (ppm)	Analytical Parameters
0.0	0	(0.0 - 2.0) Dark Brown, Dry, Foundry FILL; with silt and organics, some gravel			1SS 0-1'			<1	
					2SS 1-2'			1.9	
		(2.0 - 4.0) Dark Brown-Black, Dry, Foundry FILL; with silt and organics, some gravel			3SS 2-3'			<1	
					4SS 3-4'			12.9	Collected sample at 3-4'
		(4.0 - 4.5) Gray, Moist, CLAY; with silt, trace gravel			5SS 4-5'			1	
-5.0	5	(4.5 - 12.0) Gray/Brown, Moist, SILT; trace clay and gravel			6SS 5-6'			<1	
					7SS 6-7'			<1	
					8SS 7-8'			<1	
		Evidence of foundry debris from 7.5-12'			9SS 8-9'			<1	
					10SS 9-10'			<1	
-10.0	10				11SS 10-11'			<1	
					12SS 11-12'			<1	
		(12.0 - 16.0) No recovery - was unable to collect a sample.			13SS 12-13'			<1	
-15.0	15								

GROUNDWATER OBSERVATIONS
- ⧖ DURING DRILLING: NE
- ⬐ AT COMPLETION OF DRILLING: NR
- ⧗ AFTER NR HOURS: NR

NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE
AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-25-12
BORING LOCATION: Near MW-2
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/16/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Graves
CITY: Burton **COUNTY:** Genesee

Elevation	Depth (ft)	Material Description	Soil Type	Water Level	Sample #/Type Sample Depth SPT Results (N-Value) % REC.	Moisture %	Unconfined Comp. Strength* (tsf)	PID (ppm)	Analytical Parameters
0.0	0	(0.0 - 2.5) Brown, Dry, SAND and SILT; trace gravel			1SS 0-1'			<1	
					2SS 1-2'			<1	
					3SS 2-3'			<1	
		(2.5 - 5.0) Dark Brown, Dry, Fine SAND and SILT; with concrete pieces			4SS 3-4'			<1	
		Driller reported rocks/concrete from 3-5'			5SS 4-5'			<1	
-5.0	5	(5.0 - 12.0) Black, Dry, SILT and SAND; trace foundry sand, concrete and debris			6SS 5-6'			<1	
					7SS 6-7'			<1	
					8SS 7-8'			<1	
					9SS 8-9'			<1	
		Driller reported concrete at 8.5'			10SS 9-10'			<1	
-10.0	10				11SS 10-11'			<1	
		White pasty clay material with slight odor encountered from 11-11.5'			12SS 11-12'			<1	Collected sample at 11-12'
					13SS 12-13'			<1	
		(12.0 - 15.0) Gray, CLAY; with silt			14SS 13-14'			<1	
					15SS 14-15'			<1	
-15.0	15	(15.0 - 16.0) Gray, Wet, Fine SAND		▽	16SS 15-16'			<1	

GROUNDWATER OBSERVATIONS
▽ DURING DRILLING: 15.5'
▼ AT COMPLETION OF DRILLING: NR
▼ AFTER NR HOURS: NR
NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE
AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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*St = Hand Torvane Shear Strength
*Qp = Pocket Penetrometer
*Qu = Unconfined Compression Machine

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SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-26-12
BORING LOCATION: Near MW-2
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/16/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Graves
CITY: Burton **COUNTY:** Genesee

Elevation	Depth (ft)	Material Description	Soil Type	Water Level	Sample #/Type Sample Depth SPT Results (N-Value) % REC.	Moisture %	Unconfined Comp. Strength* (tsf)	PID (ppm)	Analytical Parameters
0.0	0	(0.0 - 2.5) Brown, Dry, Sandy SILT; trace gravel			1SS 0-1'			<1	
					2SS 1-2'			<1	
					3SS 2-3'			<1	
		(2.5 - 5.0) Dark Brown, Dry, Fine SAND and SILT; trace broken glass and gravel			4SS 3-4'			<1	
					5SS 4-5'			<1	
-5.0	5	(5.0 - 10.0) Black, Moist, SILT and SAND; trace foundry sand			6SS 5-6'			<1	
					7SS 6-7'			12	
					8SS 7-8'			19	Collected sample at 7-8'
					9SS 8-9'			1	
					10SS 9-10'			1	
-10.0	10	(10.0 - 13.0) Gray, Moist, SILT and CLAY; trace coarse sand			11SS 10-11'			1	
					12SS 11-12'			1	
					13SS 12-13'			1	
		(13.0 - 16.0) Gray, Wet, Fine SAND becomming more coarse with depth		▽	14SS 13-14'			<1	
					15SS 14-15'			<1	
-15.0	15				16SS 15-16'			<1	

GROUNDWATER OBSERVATIONS
▽ DURING DRILLING: 13.5'
AT COMPLETION OF DRILLING: NR
AFTER NR HOURS: NR
NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE
AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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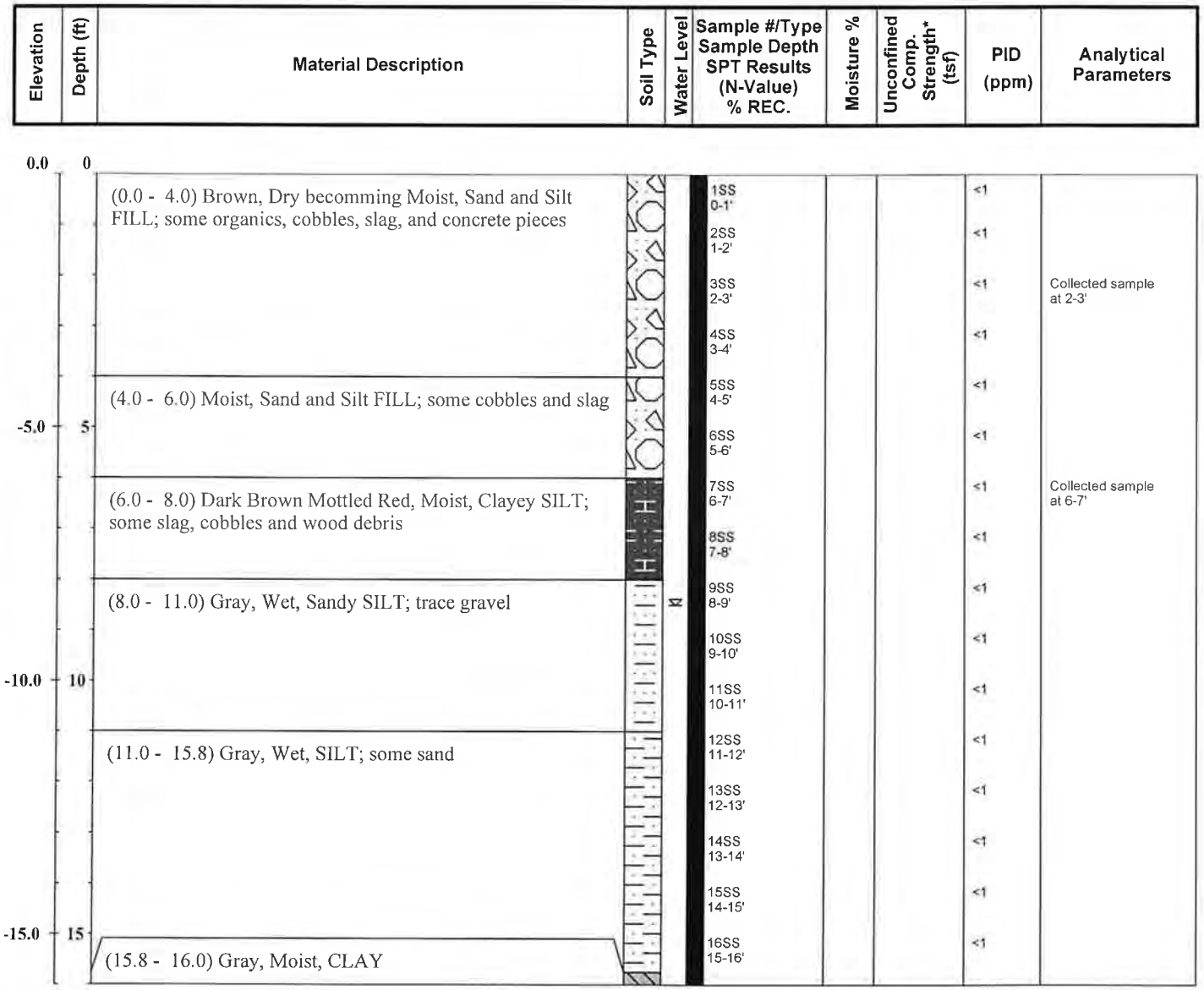
SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-27-12
BORING LOCATION: West of SB-28, north of MW-13
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/20/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Lambert
CITY: Burton **COUNTY:** Genesee



GROUNDWATER OBSERVATIONS

- DURING DRILLING: 8.5'
- AT COMPLETION OF DRILLING: NR
- AFTER NR HOURS: NR

NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE

AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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*St = Hand Torvane Shear Strength
*Qp = Pocket Penetrometer
*Qu = Unconfined Compression Machine

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SOIL BORING LOG

PROJECT: Davison Road Industrial Landfill
CLIENT: Racer Trust
BORING NO: SB-28-12
BORING LOCATION: Far east soil boring, north of MW-14
METHOD OF DRILLING: Auger
GROUND ELEVATION: NR
NOTES:

DATE DRILLED: 07/19/12
JOB NUMBER: 10496.00004
DRILLER/HELPER: Ludwick/MacMurray
DRILL RIG: AMS
LOGGED BY: Lambert
CITY: Burton **COUNTY:** Genesee

Elevation	Depth (ft)	Material Description	Soil Type	Water Level	Sample #/Type Sample Depth SPT Results (N-Value) % REC.	Moisture %	Unconfined Comp. Strength* (tsf)	PID (ppm)	Analytical Parameters
0.0	0	(0.0 - 2.0) Brown, Dry, SAND and SILT; trace plastic debris and concrete			1SS 0-1'			<1	
					2SS 1-2'			<1	
		(2.0 - 4.0) Brown, Dry, SILT and SAND; trace gravel			3SS 2-3'			<1	Collected sample at 2-3'
					4SS 3-4'			<1	
		(4.0 - 6.0) Brown, Moist, SILT and SAND; trace organics and cobbles			5SS 4-5'			<1	
-5.0	5				6SS 5-6'			<1	
		(6.0 - 8.0) Brown/Orange, Moist, Fine to Medium SAND			7SS 6-7'			<1	Collected sample at 6-7'
					8SS 7-8'			<1	
		(8.0 - 10.5) Brown, Wet, SILT		▽	9SS 8-9'			<1	
					10SS 9-10'			<1	
-10.0	10				11SS 10-11'			<1	
		(10.5 - 15.0) Gray, Wet, Silty CLAY			12SS 11-12'			<1	
					13SS 12-13'			<1	
					14SS 13-14'			<1	
					15SS 14-15'			<1	
-15.0	15	(15.0 - 16.0) Gray, CLAY; trace silt			16SS 15-16'			<1	

GROUNDWATER OBSERVATIONS
▽ DURING DRILLING: 9'
▼ AT COMPLETION OF DRILLING: NR
▼ AFTER NR HOURS: NR
NE - Not Encountered NR - Not Recorded

HOLE COLLAPSE
AT COMPLETION: NR
AFTER NR HOURS: NR

BACKFILL: Native Soils and/or Bentonite Chips

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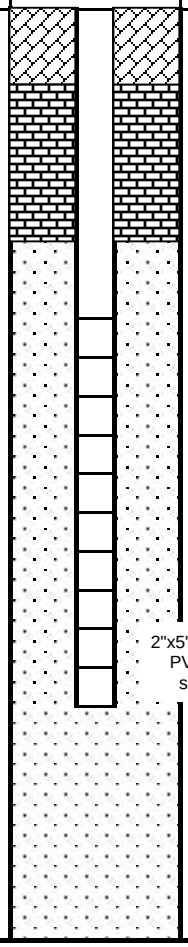
*Qu = Unconfined Compression Machine

WELL LOG

Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

Project: Davison Road Landfill	**Project Number:** 1119.001	**Client:** Racer Trust	**Boring No.:** SB/MW-14-12
Address, City, State: Davison Rd and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/17/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/17/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 10:20	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 12 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID
0				Brown, Silt with fine grained Sand and Gravel, dry.	0.0
2		100		Brown, Silt with Clay and Gravel, hard, dry.	0.0
4				S.A.A., dry.	0.0
6		100			
				Brown, fine grained Sand, trave Gravel, moist.	0.0
				Brown, fine grained Sand, trace medium grained Sand, wet.	0.0
8				Brown, fine to medium grained Sand, wet.	0.0
10		100			
12				S.A.A, wet.	
				EOB	



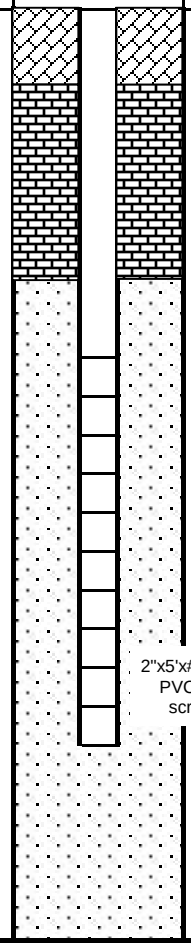
Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A Same As Above

WELL LOG

ERG Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

Project: Davison Road Landfill	**Project Number:** 1119.001	**Client:** Racer Trust	**Boring No.:** SB/MW-1-12
Address, City, State: Davison Rd and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/17/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/17/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 9:00	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 12 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID
0				Brown, Silt with Sand and Gravel, dry.	0.0
2		100		Brown Silt with Clay and Gravel, dry.	0.0
4					
6		100		Brownish gray Silt, Clay and Sand with trace Gravel, moist.	0.0
8				Brown, Silt and fine grained Sand, moist.	0.0
10		100			
12				Gray, Silt, wet.	0.0
				EOB	



- Standard Penetration Split Spoon Sampler (SPT)
- Direct Push Sampler
- Water Sample
- HA Hand Auger
- Soil Gas Sample Screen Interval
- Stabllized Ground water
- Groundwater At time of Drilling
- S.A.A Same As Above

Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-2-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/16/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/16/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 12:53	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Well Construction	Well Construction Details
0				Brown, Silty Sand, dry.	0.0		Protector/ Concrete
					0.0		Bentonite
2		90			0.0		
4				S.A.A., very moist.	0.1		Sand
		85			0.0		
6					0.0		
8				Gray, Clay, moist.	0.0		2"x5'x#10 slot PVC well screen
		50			0.0		
10					0.0		
12					0.0		
				Gray, Silt, trace Clay, moist.	0.0		
14		70			0.0		
					0.0		
16					0.0		
				EOB			

Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-3-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/19/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/19/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 17:36	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Well Construction	Well Construction Details
0				Dark Brown, fine to medium grained Sand and Silt, trace Organics, trace Gravel, dry.	0.0		Protector/ Concrete
2		100		Brown, Sandy Silt, some Organics, few Gravel, dry.	0.0		Bentonite
4							Sand
6		80		Gray, Silty Sand, fine to coarse grained, moist. S.A.A, wet.	0.0		2"x5'x#10 slot PVC well screen
8							
10		100		Gray, Silt, some Clay, wet.	0.0		
12							
14		95		Gray, Clayey Silt, wet.	0.0		
16				**EOB**			

Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

ERG Environmental Resources Group
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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-4-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/19/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/19/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 11:33	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
0				Topsoil: Black, fine to medium grained Sand and Silt, some Organics, moist.	0.0		Protector/ Concrete
2		90		Brown, fine to medium grained Sand and Silt, moist.	0.0		Bentonite
4				Brown, fine to coarse grained Sand, few Cobbles, some Gravel, moist.	0.0		Sand
6		90		Gray Silty Clay, wet.	0.0		
8				Gray, Clay, wet.	0.0		2"x5'x#10 slot PVC well screen
10		85					
12				S.A.A, wet.	0.0		
14		80		Gray, Silty Clay, wet.	0.0		
16				**EOB**			

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

Rock Description: modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.

Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-5-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/20/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/20/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 15:46	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
				Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.			
				Concrete dust, some broken concrete, dry.	0.0		Protector/ Concrete
				Foundry Sands, black fine to medium grained, trace Organics, trace metal pieces, moist.	0.0		
2		100					
4				Black with reddish brown foundry Sand, fine to medium grained, moist.	0.0		Bentonite
6		100					
8				S.A.A, moist.	0.0		
10		100					Sand
				Dark Gray, Clayey Silt, trace fine grained Sand, wet.	0.0		
12				Black, Sandy Silt, some Gravel and rocks, wet.	0.0		2"x5'x#10 slot PVC well screen
		60		Gray, Silt, trace Clay, wet.	0.0		
14							
16				**EOB**			

Standard Penetration Split Spoon Sampler (SPT)
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HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-6-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/17/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/17/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 17:00	**Backfilled:** Sand & natural cuttings & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 15.5 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Well Construction	Well Construction Details
0				Brown, Silt with Clay and Gravel, dry, hard.	0.0		Protector/ Concrete
2		100		Brown, Silt, trace Gravel, damp.	0.0		
4				S.A.A.	0.0		Natural Cuttings
6		100					
8							
10		100		Gray, Clay, moist.	0.0		Bentonite
12							
14		75					Sand
				Gray, fine to medium grained Sand, wet.	0.0		
16				**EOB, obstruction at 15.5'**			2"x5'x#10 slot PVC well screen
17							

Standard Penetration Split Spoon Sampler (SPT)
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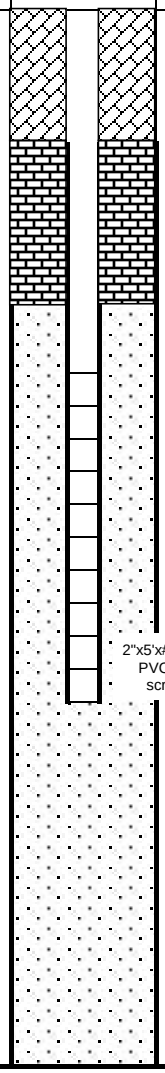
Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-7-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/19/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/19/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 10:34	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID
2		95		Black, fine grained Sand, some Organics, moist.	0.0
				Brown, fine grained Sand, some Silt, moist.	0.0
4				Brown, fine to medium grained Sand, some Silt, moist.	0.0
				Brown, Silt, trace Gravel, moist.	
6		100		Brown, fine to medium grained Sand, very moist.	0.0
				Gray, Clay, moist.	0.0
8				Brown, fine to medium grained Sand, wet.	0.0
10		100		Gray, Clay, moist.	0.0
12				Gray, Silt, wet.	0.0
14		95			
16				**EOB**	



Standard Penetration Split Spoon Sampler (SPT)
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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-8-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/18/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/18/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 12:43	**Backfilled:** Sand, natural cuttings & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 15 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
2		95		Brownish orange, mottled, Sandy Silt, trace Gravel, moist.	0.0		Protector/ Concrete; Natural Cuttings
4							Bentonite
6		100		Brown, Sandy Silt, trace Gravel, dry.	0.0		
8				Gray and pink, mottled, Silt, some Clay, moist.	0.0		Sand
10		90		Gray, Silt, some Clay, wet.	0.0		2"x5'x#10 slot PVC well screen
12				S.A.A, wet.	0.0		
14		95					
16				**EOB**			

Lithology

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

Rock Description: modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.

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Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-9-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/18/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/18/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 11:42	**Backfilled:** Sand, natural cuttings & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 15 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Well Construction	Well Construction Details
0				Brownish orange, mottled, Sandy Silt, trace Organics, dry.	0.0		Protector/ Concrete
2		90		Brown, fine grained Sand, some Silt, moist.	0.0		Natural Cuttings
4				Brown, Silt, some Clay, moist. S.A.A, trace Clay, moist.	0.0		Bentonite
6		100		Gray, Silt and Clay, moist.	0.0		
8				Gray, Silt, some Clay, wet.	0.0		Sand
10		100		Wet.			2"x5'x#10 slot PVC well screen
12				Gray, Silt, wet.	0.0		
14		100					
16				Gray, fine to medium grained Sand, wet.	0.0		
				EOB			

Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
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Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

Environmental Resources Group
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Project: Davison Road Landfill	**Project Number:** 1119.001	**Client:** Racer Trust	**Boring No.:** SB/MW-10-12
Address, City, State: Davison Rd and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/18/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/18/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 10:48	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 12 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
				Brown, Sand and Silt, some Organics, dry.	0.0		Protector/ Concrete
				Brownish orange, mottled, Sandy Silt, moist.	0.0		Bentonite
2		90					
				Wet.			
4				Brown, Sandy Silt, moist.	0.0		Sand
				Wet.			
6		95		Gray, Sandy Silt, wet.	0.0		2"x5'x#10 slot PVC well screen
				Gray, Silt, some Clay, wet.	0.0		
8				Gray, Silt, saturated.	0.0		
10		100					
12				**EOB**			

Standard Penetration Split Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabllized Ground water
Groundwater At time of Drilling
S.A.A Same As Above

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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-11-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/19/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/19/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 16:50	**Backfilled:** Sand, natural cuttings & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
				Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors Rock Description: modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.			
				Brown, Silt and Sand, foundry fill, trace Organics, dry.	0.0		Protector/ Sand
2		90		Brown and red, mottled, Silt and fine grained Sand, trace Organics, dry.	0.0		Bentonite
				Brown and gray, mottled, Silt, dry.	0.0		
4				Brown and orange, mottled, Silt and fine grained Sand, moist.	0.0		
6		100					
				Gray, Sandy Silt, trace Organics, moist.	0.0		Sand
8				Brown, Silty Sand, wet.	0.0		
		85		Gray, Clay, trace Silt, wet.	0.0		
10				S. A. A. with coarse grained Sand, wet.	0.0		2"x5'x#10 slot PVC well screen
12				Gray, Silt, some Clay, wet.	0.0		
		80					
14							
16				**EOB**			

Standard Penetration Split Spoon Sampler (SPT)
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Water Sample
HA Hand Auger
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Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

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Project: Davison Road Landfill	**Project Number:** 1125.001	**Client:** Racer Trust	**Boring No.:** SB/MW-12-12
Address, City, State: Davison Road and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/17/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/17/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 13:00	**Backfilled:** Sand, natural cuttings & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 16 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Well Construction	Well Construction Details
2		75		Brown, Silt and Sand with concrete and Gravel, dry.	0.0		Protector/
4							Bentonite
6		50					
8				Brown, Silt and Clay, with Gravel, moist.	0.0		
10		50		Black, Clay with Silt and debris including rubber and Organics, moist.	0.0		
12				Gray, Silt and fine grained Sand, moist.	0.0		
				Gray, medium to coarse grained Sand, moist.	0.0		Sand
14		50		S.A.A., wet.	0.0		
16				Gray, Clay, moist.	0.0		2"x5'x#10 slot PVC well screen
				EOB			

Standard Penetration Split Spoon Sampler (SPT)
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Stabllized Ground water
Groundwater At time of Drilling
S.A.A. Same As Above

WELL LOG

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Project: Davison Road Landfill	**Project Number:** 1119.001	**Client:** Racer Trust	**Boring No.:** SB/MW-13-12
Address, City, State: Davison Rd and Donegal, Burton, Michigan		**Drilling Contractor:** Wilcox	**Drill Rig Type:** Geoprobe AMS
Logged By: L. Lambert	**Date** **Started:** 7/17/2012	**Bit Type: N/A**	**Hole Diameter:** 4"
Drill Crew: Ray/Jim	**Completed:** 7/17/2012	**Hammer Type: N/A**	**Well Diameter:** 2"
Comments: sampled soil @ 11:30	**Backfilled:** Sand & bentonite chips	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring:** 12 feet

Depth (feet)	Sample Type	% Recovery	Graphic Log	Lithology	PID	Well Construction	Well Construction Details
2	Direct Push Sampler	100		Brown, Silt and Sand, concrete, slag, dry.	0.2		Protector/ Concrete
4				Brown, Silt, fine grained Sand and Clay with Gravel, dry.	0.0		Bentonite Sand
6		50		Brown, fine grained Sand, moist. Wet.	0.0		
8				Brown, Silt, wet.	0.0		2"x5'x#10 slot PVC well screen
10		50					
12				Gray, Silt and Clay, plastic, moist.	0.0		
				EOB			

Standard Penetration Split Spoon Sampler (SPT)
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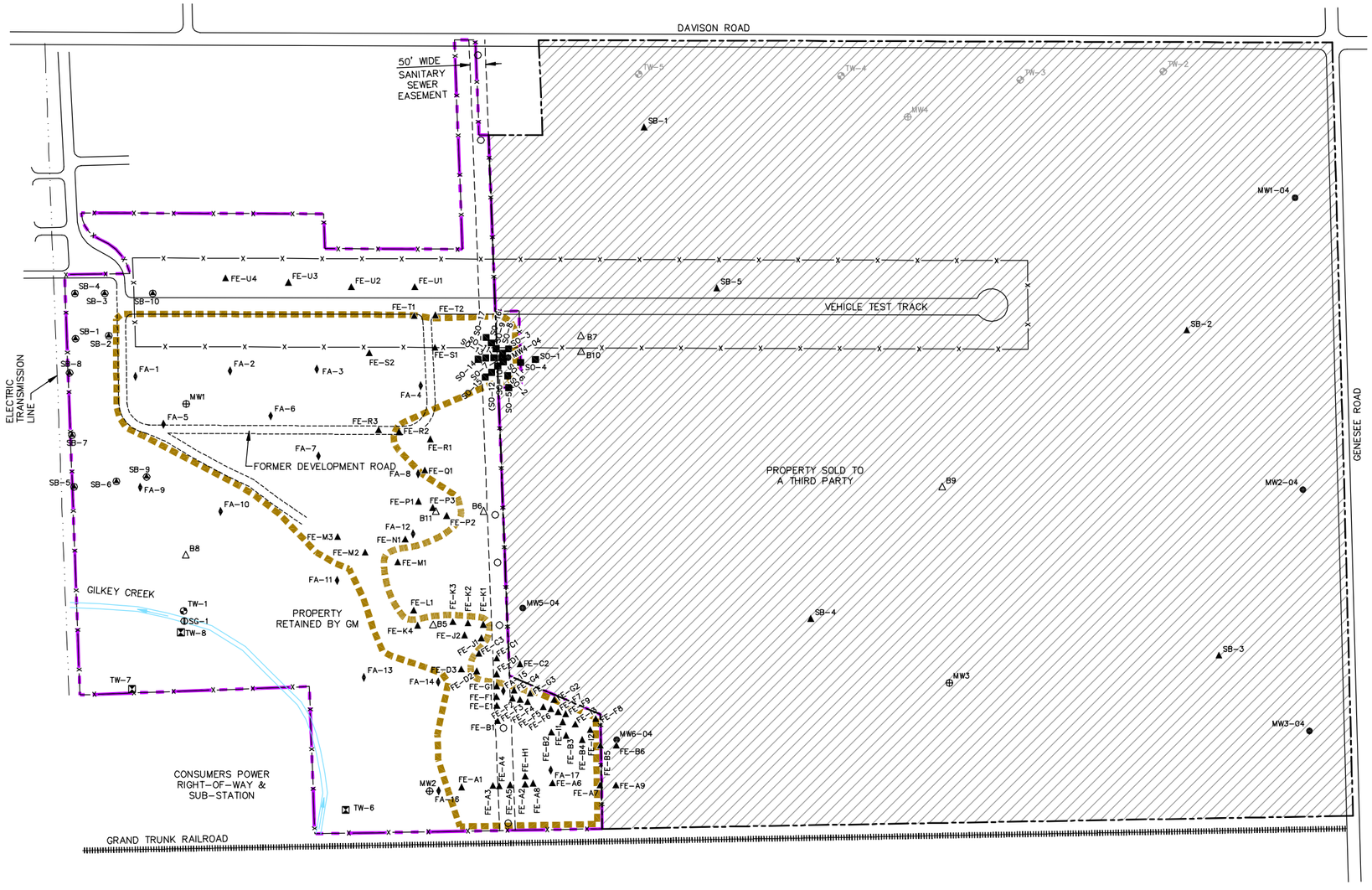
Stabllized Ground water
Groundwater At time of Drilling
S.A.A Same As Above



LEGEND

- PROPERTY SOLD TO A THIRD PARTY
- PROPERTY RETAINED BY GM
- APPROXIMATE EXTENT OF FILL AREA
- FORMER PROPERTY BOUNDARY
- EXISTING ROAD
- RAILROAD
- FENCE
- ELECTRIC TRANSMISSION LINE
- CREEK
- DIRECTION OF CREEK FLOW
- SANITARY SEWER MANHOLE
- SANITARY SEWER EASEMENT
- MW1 HISTORICAL OBSERVATION WELL (5/96)
- MW4 ABANDONED HISTORICAL OBSERVATION WELL
- B1 HISTORICAL SOIL BORING (5/96)
- TW-1 TEMPORARY MONITORING WELL (12/03)
- TW-2 ABANDONED TEMPORARY MONITORING WELL
- SB-4 SOIL BORING (12/03)
- FA-1 SOIL BORING (3/04)
- MW4-04 TEMPORARY MONITORING WELL (4/04)
- SO-1 SOIL BORING (5/04)
- TW-6 TEMPORARY MONITORING WELL (8/07)
- STAFF GAUGE LOCATION
- SB-6 SOIL BORING (8/07)

NOTES:

1. 2003/2004/2007 SAMPLING LOCATIONS COMPLETED BY BBL WERE SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC; HOWEVER, ALL LOCATIONS ILLUSTRATED ARE APPROXIMATE.
2. THE MW4-04 STEPOUT LOCATIONS (MW4-04S01 THROUGH MW4-04S017) ARE PLOTTED USING AN ABBREVIATED LOCATION NAME (SO-1 THROUGH SO-17) DUE TO SPACE LIMITATIONS.
3. BASE MAP PROVIDED BY GM.

0 200' 400'
GRAPHIC SCALE

FLINT DELPHI EAST
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST FINAL SITE REPORT

SOIL BORING AND MONITORING WELL LOCATION MAP

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
2

TABLE 1
GENERAL MOTORS CORPORATION

SITE INVESTIGATION REPORT
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700
SUMMARY OF SHALLOW SOIL BORING PHYSICAL CHARACTERISITICS - 2003

Location ID	Install Date	Coordinates		Ground Elevation	Survey Date	Boring Depth	Depth of Fill Material	Depth of Native Material
		X - Easting	Y - Northing					
FE-A1	12/8/2003	13321460.22	557221.36	762.20	1/4/2004	10.0	0-10	NA
FE-A2	12/8/2003	13321661.09	557229.95	762.33	1/4/2004	10.0	0-7.4	7.4-10.0
FE-A3	12/8/2003	13321559.24	557226.14	762.51	1/4/2004	10.0	0-6.5	6.5-10.0
FE-A4	12/8/2003	13321579.09	557224.56	762.48	1/4/2004	10.0	0-6.0	6.0-10.0
FE-A5	12/8/2003	13321613.41	557228.07	762.61	1/4/2004	10.0	0-6.0	6.0-10.0
FE-A6	12/9/2003	13321746.77	557233.95	762.93	1/4/2004	2.0	0-2.0	NA
FE-7	12/9/2003	13321896.65	557227.61	761.74	1/4/2004	3.0	0-3.0	NA
FE-A8	12/9/2003	13321685.97	557233.18	762.33	1/4/2004	4.0	0-4.0	NA
FE-B1	12/8/2003	13321573.92	557430.75	761.94	1/4/2004	5.0	0-5.0	NA
FE-B2	12/9/2003	13321743.63	557393.77	762.94	1/4/2004	5.0	0-2.0	2.0-5.0
FE-B3	12/9/2003	13321789.60	557384.07	763.30	1/4/2004	5.0	0-2.8	2.8-5.0
FE-B4	12/9/2003	13321840.82	557370.40	763.15	1/4/2004	4.0	0-1.7	1.7-4.0
FE-B5	12/9/2003	13321897.93	557352.48	762.80	1/4/2004	4.0	0-3.1	3.1-4.0
FE-C1	12/8/2003	13321570.91	557627.51	759.03	1/4/2004	10.0	NA	0-10.0
FE-C2	12/9/2003	13321644.29	557609.50	760.21	1/4/2004	5.0	NA	0-5.0
FE-C3	12/10/2003	13321514.80	557642.02	760.06	1/4/2004	5.0	NA	0-5.0
FE-D1	12/8/2003	13321570.75	557577.12	760.14	1/4/2004	10.0	NA	0-10.0
FE-D2	12/10/2003	13321507.88	557586.41	761.07	1/4/2004	5.0	NA	0-5.0
FE-D3	12/10/2003	13321459.83	557592.73	761.88	1/4/2004	5.0	0-2.5	2.5-5.0
FE-E1	12/8/2003	13321571.72	557477.78	762.15	1/4/2004	5.0	0-1.4	1.4-5.0
FE-F1	12/8/2003	13321570.52	557505.86	762.75	1/4/2004	1.0	0-1.0	NA
FE-F2	12/8/2003	13321620.63	557501.21	762.61	1/4/2004	5.0	0-2.3	2.3-5.0
FE-F3	12/8/2003	13321645.12	557496.39	762.28	1/4/2004	5.0	0-2.0	2.0-5.0
FE-F4	12/8/2003	13321668.85	557489.94	762.52	1/4/2004	5.0	0-2.1	2.1-5.0
FE-F5	12/9/2003	13321718.14	557474.30	762.72	1/4/2004	5.0	0-0.8	0.8-5.0
FE-F6	12/9/2003	13321742.12	557467.20	763.22	1/4/2004	5.0	0-1.5	1.5-5.0
FE-F7	12/9/2003	13321764.93	557458.34	763.29	1/4/2004	5.0	0-1.4	1.4-5.0
FE-F8	12/9/2003	13321883.48	557436.45	762.50	1/4/2004	5.0	0-0.3	0.3-5.0
FE-F9	12/9/2003	13321788.50	557451.93	763.37	1/4/2004	5.0	0-5.0	NA
FE-G1	12/9/2003	13321571.18	557539.90	761.52	1/4/2004	5.0	0-0.8	0.8-5.0
FE-G2	12/9/2003	13321751.86	557496.31	761.67	1/4/2004	5.0	0-1.0	1.0-5.0
FE-G3	12/9/2003	13321676.87	557516.62	761.78	1/4/2004	5.0	0-1.8	1.8-5.0
FE-G4	12/9/2003	13321625.80	557526.45	762.41	1/4/2004	5.0	0-2.4	2.4-5.0

TABLE 1
GENERAL MOTORS CORPORATION

SITE INVESTIGATION REPORT
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700
SUMMARY OF SHALLOW SOIL BORING PHYSICAL CHARACTERISITICS - 2003

Location ID	Install Date	Coordinates		Ground Elevation	Survey Date	Boring Depth	Depth of Fill Material	Depth of Native Material
		X - Easting	Y - Northing					
FE-H1	12/9/2003	13321660.92	557255.46	762.48	1/4/2004	5.0	0-1.0	1.0-5.0
FE-I1	12/9/2003	13321779.24	557426.72	763.25	1/4/2004	5.0	0-1.9	1.9-5.0
FE-I2	12/9/2003	13321866.06	557402.34	763.04	1/4/2004	5.0	0-1.2	1.2-5.0
FE-I3	12/9/2003	13321818.54	557418.96	763.06	1/4/2004	4.0	0-1.6	1.6-4.0
FE-J1	12/10/2003	13321522.66	557690.89	759.05	1/4/2004	0.5	0-4.0	4.0-5.0
FE-J2	12/10/2003	13321469.72	557699.78	759.87	1/4/2004	5.0	NA	0-5.0
FE-K1	12/10/2003	13321529.18	557733.09	758.61	1/4/2004	5.0	0-4.0	4-5.0
FE-K2	12/10/2003	13321480.48	557737.98	758.38	1/4/2004	5.0	0-4.0	4-5.0
FE-K3	12/10/2003	13321433.03	557741.87	759.78	1/4/2004	5.0	0-2.0	2.0-5.0
FE-K4	12/10/2003	13321321.82	557730.85	758.58	1/4/2004	5.0	0-2.5	2.5-5.0
FE-L1	12/10/2003	13321309.23	557778.22	756.74	1/4/2004	5.0	NA	0-5.0
FE-M1	12/10/2003	13321259.17	557929.72	758.56	1/4/2004	5.0	NA	0-5.0
FE-M2	12/10/2003	13321156.49	557960.55	760.78	1/4/2004	5.0	0-1.0	1.0-5.0
FE-M3	12/10/2003	13321069.93	558010.23	760.87	1/4/2004	5.0	0-5.0	NA
FE-N1	12/10/2003	13321307.78	558022.02	761.07	1/4/2004	5.0	0-3.0	3.0-5.0
FE-P1	12/10/2003	13321324.43	558121.23	762.38	1/4/2004	5.0	0-2.5	2.5-5.0
FE-P2	12/10/2003	13321413.47	558076.05	759.95	1/4/2004	5.0	0-5.0	NA
FE-P3	12/10/2003	13321369.30	558101.42	760.17	1/4/2004	5.0	0-0.3	0.3-5.0
FE-Q1	12/10/2003	13321344.52	558219.36	762.61	1/4/2004	5.0	0-2.5	2.5-5.0
FE-R1	12/10/2003	13321362.10	558317.08	763.50	1/4/2004	5.0	NA	0-5.0
FE-R2	12/10/2003	13321263.71	558340.20	761.93	1/4/2004	5.0	NA	0-5.0
FE-R3	12/10/2003	13321198.71	558345.66	761.07	1/4/2004	5.0	0-1.5	1.5-5.0
FE-S1	12/10/2003	13321376.78	558605.99	759.85	1/4/2004	5.0	0-5.0	NA
FE-S2	12/10/2003	13321169.31	558588.46	761.07	1/4/2004	5.0	0-5.0	NA
FE-T1	12/10/2003	13321311.54	558706.08	759.97	1/4/2004	5.0	0-3.0	3.0-5.0
FE-T2	12/10/2003	13321377.99	558707.81	758.83	1/4/2004	5.0	NA	0-5.0
FE-U1	12/10/2003	13321313.01	558796.42	757.92	1/4/2004	5.0	NA	0-5.0
FE-U4	12/10/2003	13320716.58	558824.75	755.35	1/4/2004	5.0	NA	0-5.0

Notes:

1. Elevations are based on North American Vertical Datum of 1988.
2. Coordinates are based on North American Datum 1983, Michigan, South Zone.
3. Depths are in feet below ground surface.

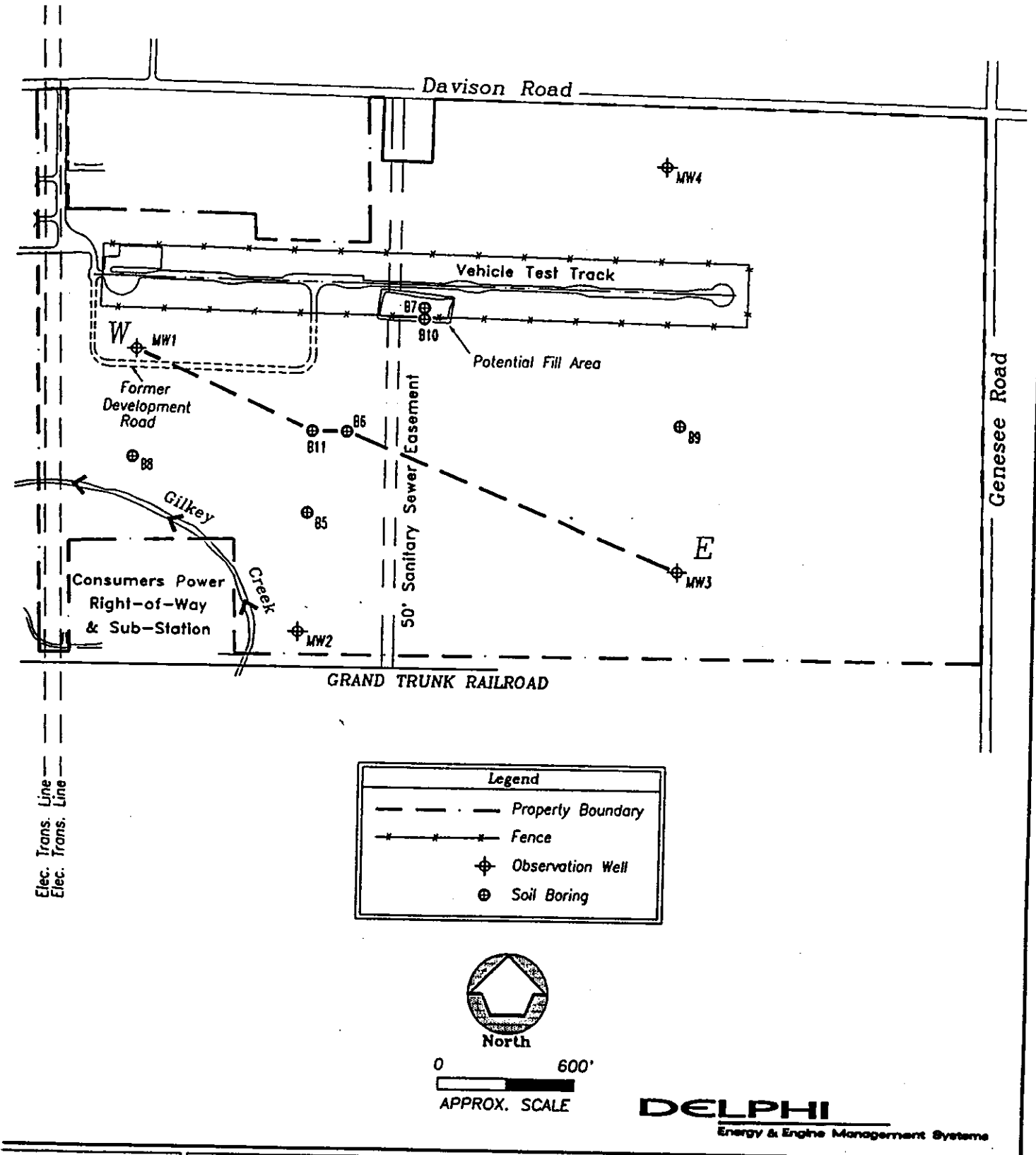
TABLE 3
GENERAL MOTORS CORPORATION

SITE INVESTIGATION REPORT
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700
SUMMARY OF LITHOLOGIC DESCRIPTIONS AND PID READINGS - 2003/2004/2007

Location	Depth (ft bgs)	Lithologic Description	PID Readings
FA-1	0-2	Black SAND some SILT	0.5
FA-2	0-2	Black and tan SAND	0.3
FA-3	0-2	Brown SAND, SILT, and CLAY	0.7
FA-4	0-2	Black SAND and SILT with CLAY	0.7
FA-5	0-2	Dark brown SAND and SILT with CLAY	0.3
FA-6	0-2	Brown SILT and CLAY	0.5
FA-7	0-2	Dark brown SAND and SILT	0.4
FA-8	0-2	Dark brown SAND and SILT	0.2
FA-9	0-2	Dark brown SILT and CLAY	0.7
FA-10	0-2	Dark brown SAND, SILT and CLAY	0.8
FA-11	0-2	Dark brown SAND and SILT with CLAY	0.3
FA-12	0-2	Dark brown SAND and SILT	0.4
FA-13	0-2	Brown SAND and SILT	0.2
FA-14	0-2	Dark brown SAND and SILT with CLAY	0.3
FA-15	0-2	Dark brown SAND and SILT	0.2
FA-16	0-2	Tan to brown CLAY	0.9
FA-17	0-2	Dark brown SAND and SILT	1.9
SB-1	0-10	Brown SILT over dark gray CLAY	0.0
SB-2	0-10	Brown SILT over brown SAND and gray CLAY	0.0
SB-3	0-10	Brown SILT over brown SAND	0.0
SB-4	0-10	Brown SILT over brown SAND	0.0
SB-5	0-10	Brown SILT over brown SAND and gray CLAY	0.0
SB-6	0-6	Brown SILT	0.0
SB-7	0-10	Brown SILT over brown SAND and gray CLAY	0.0
SB-8	0-10	Brown SILT over brown SAND	0.0
SB-9	0-2	Brown SILT	0.0
SB-10	0-2	Brown SILT	0.0

Notes:

1. Lithologic descriptions and PID readings from FA borings recorded during sampling 3/3/04. SB borings recorded during sampling on 8/8/07.
2. ft bgs = feet below ground surface.



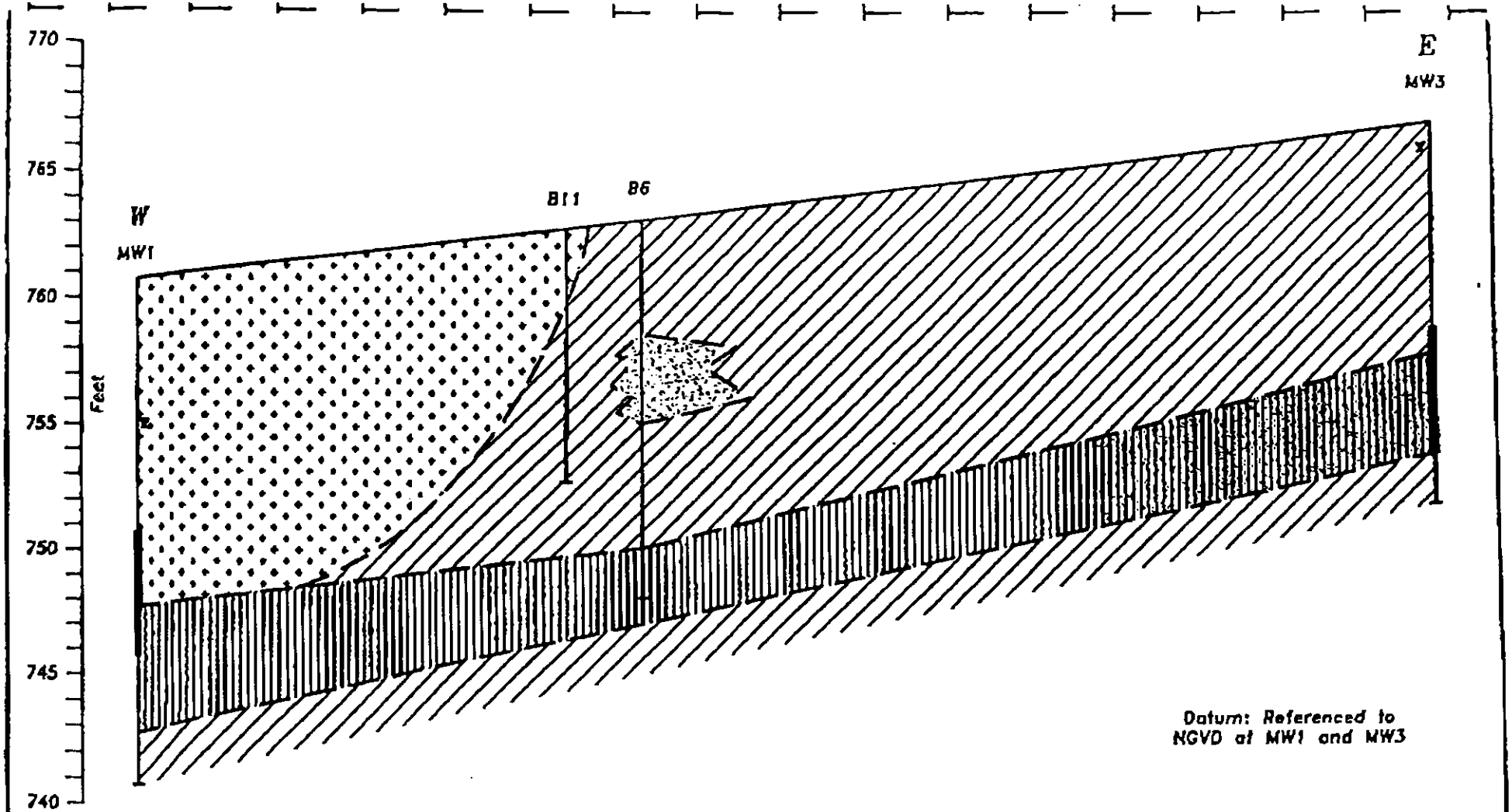
TECHNA CORPORATION
44808 Helm Street
Plymouth, MI 48170-6026
(313) 454-1100

Figure 3

Observation Well/Soil Boring Locations

Delphi Energy & Engine Management Systems – Flint East
Flint, Michigan

TPN:	654-01M
Date:	5-6-96
Rev.	
Drn:	060
Ref:	
File:	65401M-2.DWG

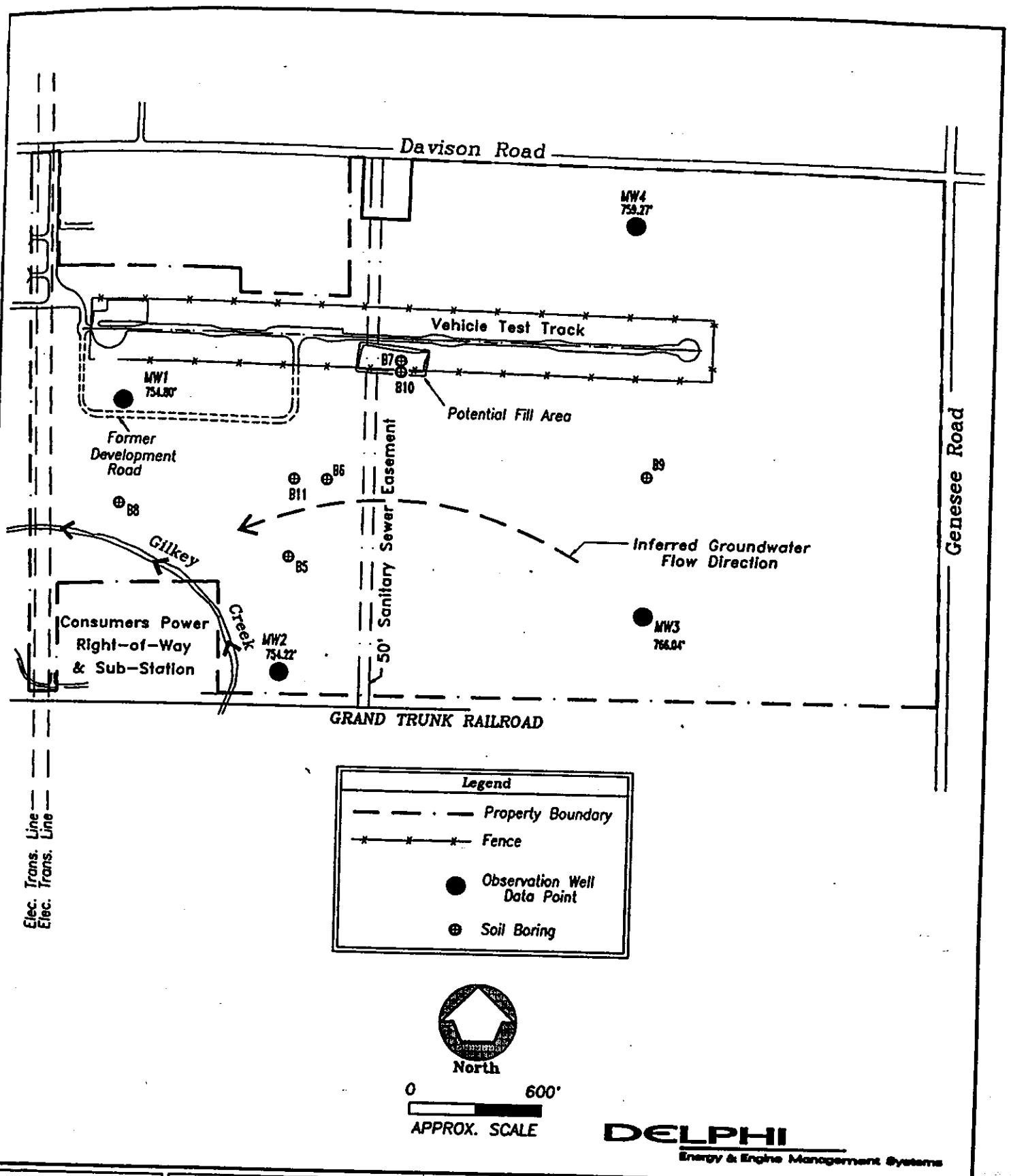


DELPHI
Energy & Engine Management Systems

TECHNA CORPORATION
44808 Helm Street
Plymouth, MI 48170
(313) 454-1100

TPN:	00696-01M
Date:	4-17-96
Rev.	
Drn:	DSD
Ref:	
File:	65401M-4.DWG

Figure 4
Geologic Cross-Section
(W-E)
Delphi Energy & Engine Management Systems
- Flint East, Flint, Michigan



TECHNA CORPORATION
44808 Helm Street
Plymouth, MI 48170-6026
(313) 454-1100

Figure 5

Groundwater Potentiometric Measurements (03/15/96)

Delphi Energy & Engine Management Systems – Flint East
Flint, Michigan

TPN: 654-01M
Date: 5-6-96
Rev.
Drn: DBO
Ref:
File: 65401M-3.DWG

Techna Corporation
Plymouth, Michigan

Log of Boring B5

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL:
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *15 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						CL	CLAY: soft to medium stiff, moist, yellow brown.	Scattered gravels and construction debris noted on ground surface.
3	B5-A 3-5'	1 3 3 5	<1					
						SM	SAND: some silt, fine to medium, loose, moist, yellow brown.	
6								
	B5-B 8-10'	3 3 6 10	<1			CL	CLAY: trace fine sand, silts and fine gravels, stiff, moist, yellow brown.	
9								
12								
	B5-C 13-15'	2 3 4 5	<1			CL	CLAY: trace fine gravels, stiff, moist, gray.	
15							END OF BORING	
18								
21								

Techna Corporation
Plymouth, Michigan

Log of Boring B6

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *13 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *15 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3	B6-A 3-5'	5 8 7 9	<1			CL	CLAY: some silts, trace fine sands, stiff, damp to moist, yellow brown.	Terminated B6 at 15' because no fill was encountered. Note off-set boring was located to west at B11.
6						SM	SAND: some silt, fine, loose, moist, yellow brown.	
9	B5-B 8-10'	3 4 3 5	<1			CL	CLAY: medium stiff, moist, gray.	
12	B6-C 13-15'	2 3 3 3	<1			ML	SILT: trace clay, soft, with occasional very thin beds of clay, moist to saturated, gray.	
15							END OF BORING	
18								
21								

Techna Corporation
Plymouth, Michigan

Log of Boring B7

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *8 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *10 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3	B7-A 3-5'	5 8 12 10	<1			SM	SAND: trace silt, fine, medium dense, moist, yellow brown.	Terminated B7 at 10' because no fill was encountered. Note off-set boring was located to south at B10. Scattered gravels noted on ground surface.
6								
9	B7-B 8-10'	3 2 5 2	<1				Saturated at 8 feet.	
						ML	SILT: some clay, soft, saturated, gray.	
							END OF BORING	
12								
15								
18								
21								

Techna Corporation
Plymouth, Michigan

Log of Boring B8

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL:
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *20 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						GP SP	Fill gravel and sand.	
						SC	Fill Sand and Clay, fine sand, loose sand, soft clay, moist, brown black sand in thin beds throughout sample.	
3	B8-A 3-5'	2 2 3 4	<1			SP	Fill Sand, fine, moist, black (apparent foundry sand).	
6								
	B8-B 8-10'	2 2 4 5	<1					
9						CL	CLAY: trace silt, medium stiff, moist, black gray.	
12								
	B8-C 13-15'	1 1 1 1	<1			SM ML	Sand with silt, fine, very loose, saturated, gray at 14'5" to 14'8", coarse sand with organics, black gray to gray.	
15								
18	B8-D 18-20'	6 12 16 18	<1			ML SM	SILT: some fine sand, dense, saturated, gray.	
							END OF BORING	
21								

Techna Corporation
Plymouth, Michigan

Log of Boring B9

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *6 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *15 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
3	B9-A 3-5'	3 3 6 5	<1			CL	CLAY: trace of fine sand and gravel, medium stiff to stiff, moist, yellow brown.	
6						SM ML	SAND and SILT: fine sands, loose to medium dense, saturated, yellow brown.	
9	B9-B 6-10'	3 6 9 10	<1			ML	SILT: some clay, trace fine sands, stiff, saturated, gray.	
12	B9-C 13-15'	2 5 8 6	<1					
15							END OF BORING	
18								
21								

Techna Corporation
Plymouth, Michigan

Log of Boring B10

PROJECT: *GM Corporation*
PROJECT NO.: *00654-01M-002*
DATE START/FINISH: *3-11-96*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*
DRILLING COMPANY: *Carlo Environmental*

LOCATION: *Green Parcel East of Delphi Plant 700*
SURFACE ELEVATION:
INITIAL H2O LEVEL: *8 Feet*
STATIC H2O ELEV.:
TOTAL DEPTH: *15 Feet*
LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						GP SP	Gravels and Sand: base coarse.	B10 located in center of gravel road, off-set to south from B7.
3	B10-A 3-5'	3 4 6 2	<1			SM	SAND: trace silt, fine, loose, moist, yellow brown.	
6								
9	B10-B 8-10'	3 4 6 7	<1				Saturated at 8 feet. Silt in thin lamina throughout sample.	
12	B10-C 13-15'	3 5 4 3	<1			CL	CLAY: trace fine gravel, medium stiff, moist, gray.	
15							END OF BORING	
18								
21								

Techna Corporation Plymouth, Michigan	Log of Boring B11
PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION:
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL:
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.:
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *10 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
	B11-A 0-2'	N/A	<1			SM	Fill SAND: little silt, fine, damp, yellow brown.	B11 off-set to west from B6.
						SP	Fill SAND: fine, moist, red brown (apparent foundry sand).	
3	B11-B 3-5'	2 4 4 5	<1			CL	CLAY: some fine sand, medium stiff to stiff, moist, yellow brown.	
6								
	B11-C 8-10'	4 6 8 10	<1					
9							Gray color change noted at 10 feet.	
							END OF BORING	
12								
15								
18								
21								

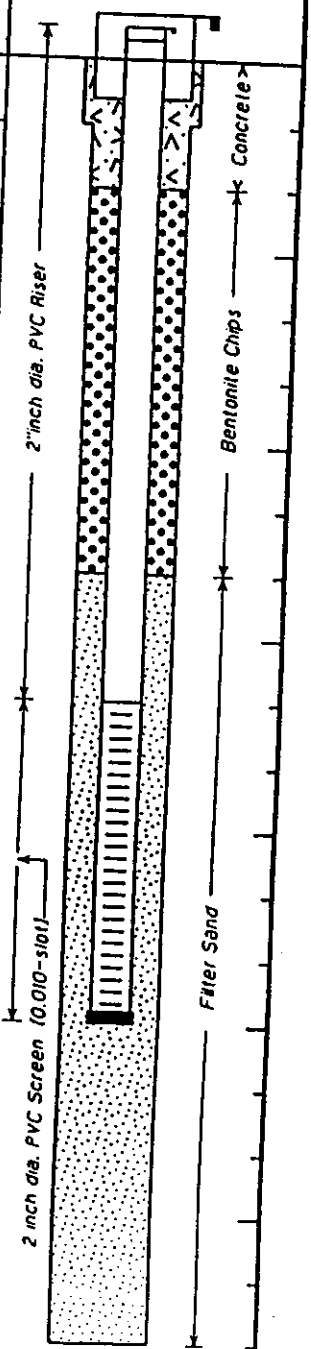
Techna Corporation
Plymouth, Michigan

Log of Monitoring Well MW1

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION: *760.84 Feet*
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *11 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.: *754.80 Feet (03/15/96)*
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *20 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						CL	Fill Clay, some fine sand, damp, yellow brown.
						SP	Fill Sand, fine, loose to medium dense, damp, black, apparent foundry sand, red brick in sample.
3	MW1-A 3-5'	3 3 6 7	<1				
6						SP	Fill Sand, fine, loose to medium dense, traces of silt, very moist, yellow brown, apparent foundry sand.
9	MW1-B 8-10'	6 8 10 7	<1				
12							Saturated at 11 feet.
	MW1-C 13-15'	2 5 9 7	<1			SM ML	SILT: some fine sand, with occasional very thin beds of clay, medium stiff, saturated, gray.
15							
18	MW1-D 18-20'	1 2 2 2	<1			CL	CLAY: little silt, very soft to soft, moist, gray
21							END OF BORING

WELL DIAGRAM



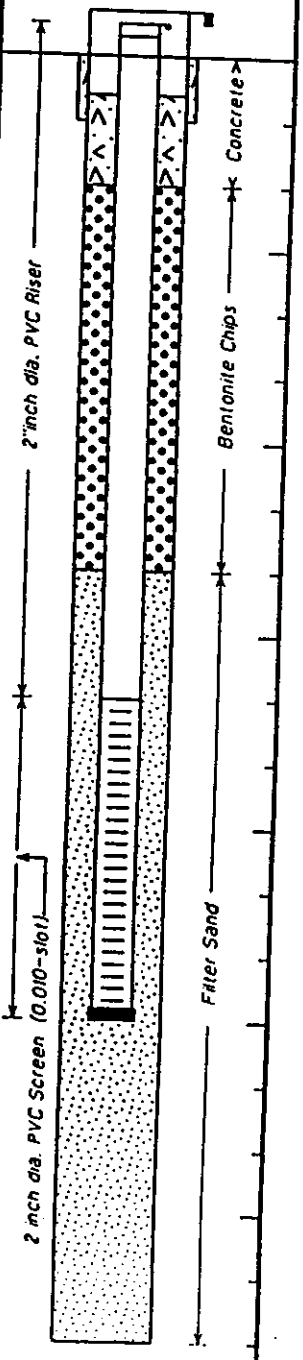
Techna Corporation
Plymouth, Michigan

Log of Monitoring Well MW2

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-0IM-002*	SURFACE ELEVATION: *764.23 Feet*
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *11 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.: *754.22 Feet (03/15/96)*
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *20 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						SP	Fill Sand, some gravels, (apparent slag material) yellow brown, black, red brown.
3	MW2-A 3-5'	10 10 9 11	<1				
6							
		42 24 11 5					No sample return, driving concrete in split barrel sampler. Drilled through concrete from 8-10'.
9							
12						ML SM	SILT and SAND: fine to medium, trace fine gravels, wood debris, saturated, gray.
		2 2 2 2 2					No sample return from 13 to 15 feet.
15	MW2-B 14-16'	2 2 1 1	<1				
						CL	CLAY: trace silt, and fine gravels, soft to medium stiff, moist, gray.
18	MW2-C 18-20'	1 3 4 2	<1				
							END OF BORING
21							

WELL DIAGRAM



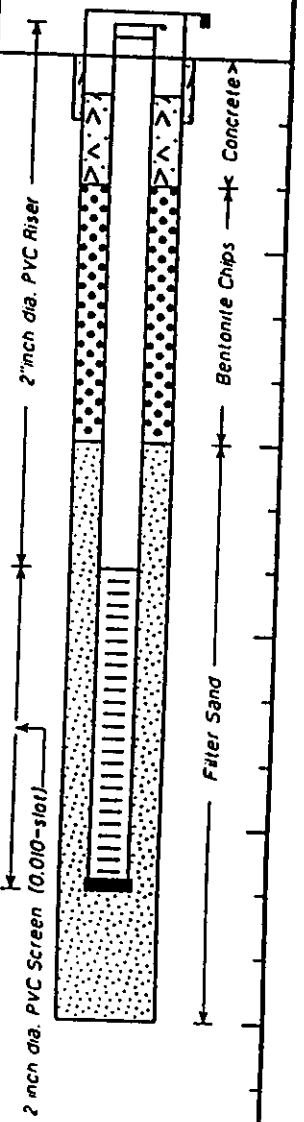
Techna Corporation
Plymouth, Michigan

Log of Monitoring Well MW3

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION: *767.10 Feet*
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL: *9 Feet*
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.: *766.04 Feet (03/15/96)*
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *15 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
3	MW3-A 3-5'	4 9 9 11	<1			CL	CLAY: trace silt and fine sand, stiff to very stiff, moist, yellow brown.
6							
9	MW3-B 8-10'	3 8 11 12	<1			SM ML	SAND and SILT: fine, medium dense, saturated, yellow brown.
12	MW3-C 13-15'	2 5 5 10	<1			CL	CLAY and SILT: clay and silt thin beds throughout sample, very moist, gray.
15							END OF BORING
18							
21							

WELL DIAGRAM



Techna Corporation
Plymouth, Michigan

Log of Monitoring Well MW4

PROJECT: *GM Corporation*	LOCATION: *Green Parcel East of Delphi Plant 700*
PROJECT NO.: *00654-01M-002*	SURFACE ELEVATION: *763.65 Feet*
DATE START/FINISH: *3-11-96*	INITIAL H2O LEVEL:
DRILLING METHOD: *4.5-inch ID Hollow Stem Auger*	STATIC H2O ELEV.: *759.27 Feet (03/15/96)*
SAMPLING METHOD: *2 foot by 2-inch Split Barrel Sampler*	TOTAL DEPTH: *15 Feet*
DRILLING COMPANY: *Carlo Environmental*	LOGGED BY: *(074)*

DEPTH feet	LAB SAMPLE NO.	BLOWS/0.5 ft.	PID (relative ppm) VALUES	PID (relative ppm) PROFILE 0 50	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0						CL	CLAY: some fine sand, moist, yellow brown.
12						SM	SAND: some silt, fine, saturated, gray brown to gray.
15							END OF BORING Note: Soil profile logged from soil cuttings and drilling rate changes.

WELL DIAGRAM