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Date:

April 27, 2021

(Updated January 26, 2022)

Arcadis Project No.:

30075935

Subject:

Southwest Parcel Data Summary

RACER Buick City Site Flint, Michigan

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This memo transmits the data requested for the Southwest Parcel of the RACER Buick City Site, located in Flint, Michigan. As discussed, in further detail below, samples collected at the Southwest parcel detected analytes at concentrations in soils that exceeded the Michigan Part 201 groundwater/surface water interface protection (GSIP) criteria, nonresidential soil volatilization to indoor air criteria (NSVIA) and/or nonresidential direct contact (NDC) criteria, and analytes at concentrations in groundwater that exceeded the Part 201 groundwater/surface water interface (GSI) criteria. The volatilization to indoor air exceedance is located near the eastern boundary of the Southwest Parcel, while the direct contact exceedance was identified along the western property boundary.

The direct contact exceedance can be addressed by maintaining a soil cover over the area or removing the soil. The vapor intrusion exceedance can be addressed by precluding the construction of any structures in this area. GSI/GSIP impacts can be addresses through stormwater and soil management practices.

### Summary of 2017 Historic Use Investigation Data and Historic Data

In 2017 drilling activities were completed at the Southwest parcel to investigate historic uses in this portion of the Site as identified on Sanborn maps. **Figures 1A and 1B** show the historic uses at the Southwest Parcel and present exceedances applicable Part 201 non-residential criteria (Groundwater -Surface Water, Direct Contact, and Vapor Intrusion) identified in soil and groundwater, respectively. The 2017 investigation

data is presented in its' entirety in **Tables 1 and 2**. Please note that data were not compared to drinking water protection criteria as Site groundwater is not used for drinking water.

#### Groundwater/Surface Water Criteria Exceedances

Select volatile organic compounds (VOCs) and metals were detected at concentrations in soils that exceeded the groundwater/surface water protection criteria. In addition, select metals were detected above GSI criteria in the groundwater samples.

#### Vapor Intrusion Criteria Exceedance

Trichloroethene was detected above the nonresidential soil volatilization to indoor air criteria in one soil sample collected from SB-FEP-1 located along the eastern side of the Southwest Parcel.

#### Direct Contact Criteria

One soil sample collected from SB-FEP-12 located along the western property boundary detected lead at a concentration that exceeded the direct contact criterion. The lead concentration in a sample collected from 0 to six inches below ground surface at SB-FEP -12 was below criterion. In addition, the detection is delineated by samples collected from nearby sample locations SB-FEP-19 through SB-FEP-23. In addition, a sample collected from 0 to six inches below ground surface at SB-FEP-12 did not exceed the direct contact criterion for lead.

Also, for informational purposes **Attachment 1** presents the soil and groundwater data from the historic Site database collected from monitoring well 04-140 from 1995 to 1999. Boring logs are presented in **Attachment 2**.

### Summary of 2021 Soil and Groundwater Sampling

In 2021 four soil borings (SB-FEP-24 through -27) were completed in the southeastern portion of the parcel. Two soil samples and one groundwater sample were collected from each location and submitted for laboratory analysis of VOCs, SVOCs, PCBs, metals and PFAS. Data were compared to applicable Part 201 non-residential criteria (Groundwater-Surface Water, Direct Contact, Particulate Soil Inhalation, and Vapor Intrusion). One SVOC, PFOS and several metals were detected at concentrations exceeding GSIP criteria in soils (**Figure 2A**). Constituent concentrations in the groundwater samples did not exceed applicable criteria (**Figure 2B**). Boring log field notes are presented in **Attachment 2**.

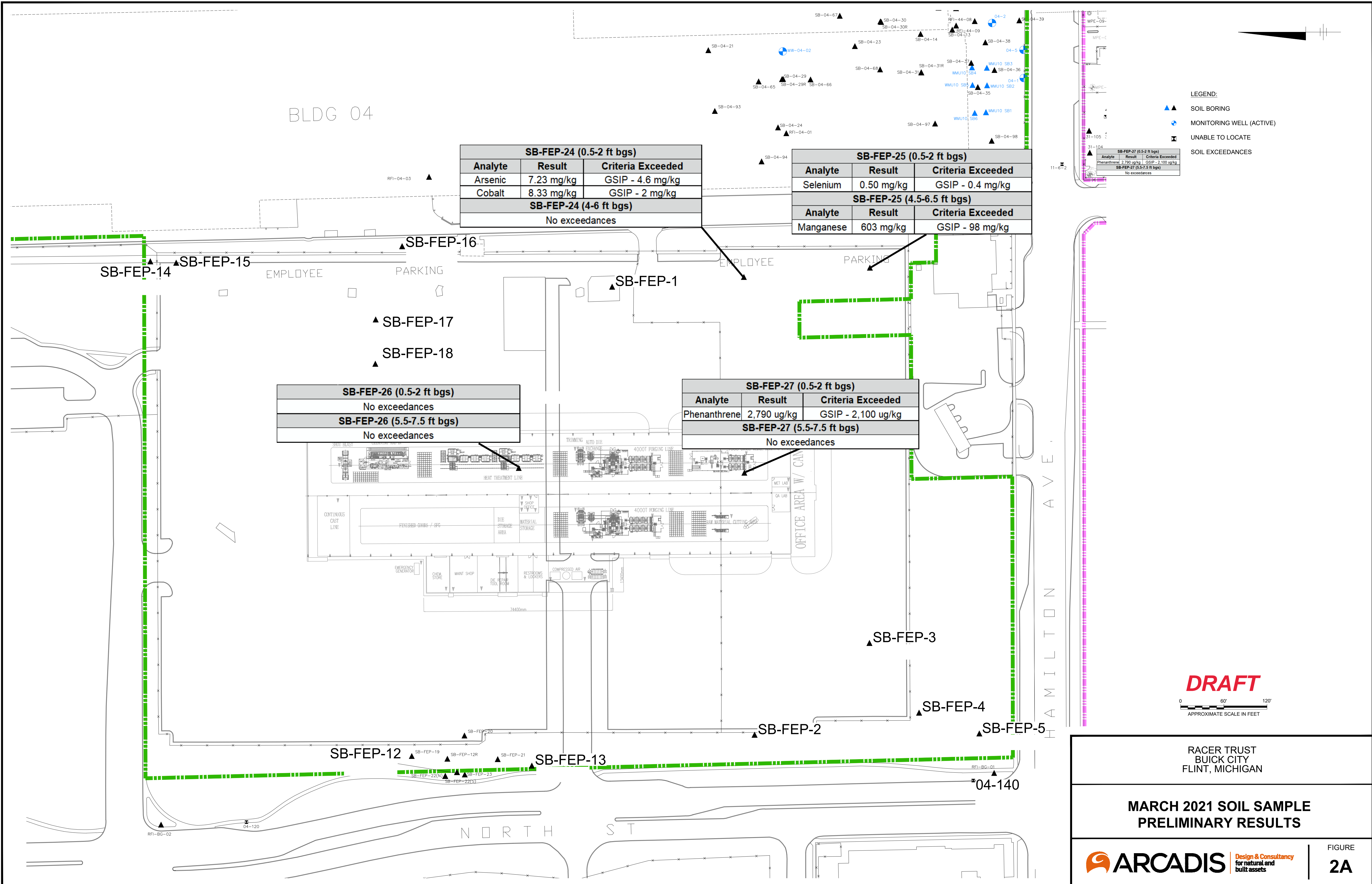
### Site Groundwater Information

**Table 3** presents a summary of groundwater depth/elevations for the Southwest Parcel. Note that the table presents depths to groundwater for SB-FEP-1 through -18 from boring logs completed in 2017 and groundwater levels measured from temporary wells installed at SB-FEP-24 through SB-FEP-27 in 2021. **Figure 3** presents a groundwater contour map of the Southwest parcel based on the available groundwater level Site information. **Figure 4** presents Site depth to water contours along with the Site topography. Note that the groundwater elevations used to construct the contour maps are based on elevations measured in borings and temporary wells over a period of four years. As such the groundwater contour maps should be considered only an approximation of the actual groundwater flow and depth to groundwater. **Figure 5** presents the Southwest Parcel with Site topography, potential building layout and potential fill plans to accommodate 12-foot-deep pits (finished grade of 749 feet) and 20-foot-deep pits (finished grade of 757 feet) above the water table. Groundwater depths are greatest in the western end of the parcel and decrease to the east, due to the sloping surface topography from west to east across the parcel. At the far east end of the parcel, groundwater depths increase due to the drawdown effect of the Outfall 013 storm sewer.





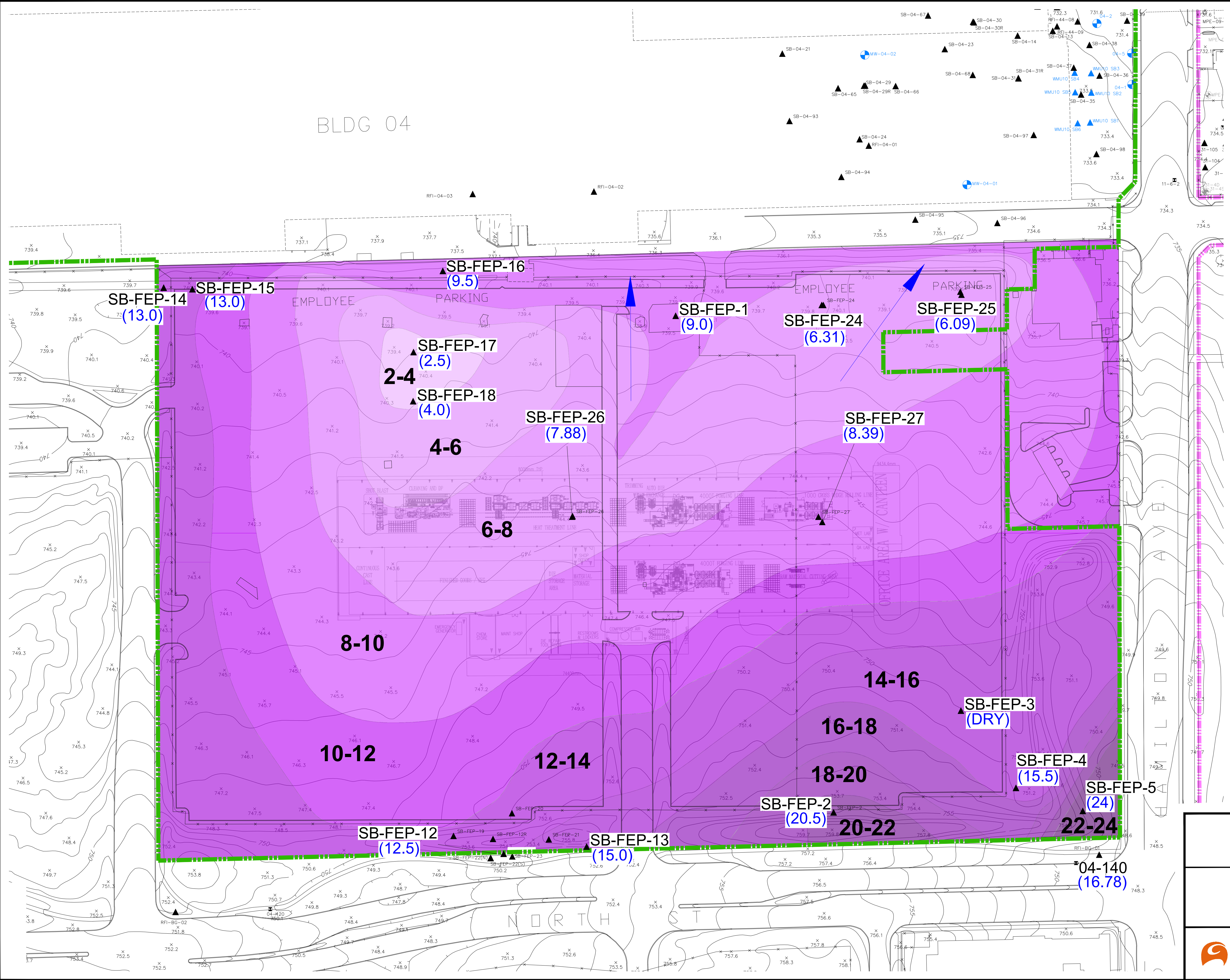
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 PROJECT: RACER TRUST BUICK CITY FLINT, MICHIGAN  
 DRAWING: MARCH 2021 SOIL SAMPLE PRELIMINARY RESULTS  
 DATE: 03/15/2021  
 TIME: 10:00 AM  
 DRAWN BY: J. ROSEANNE  
 CHECKED BY: J. ROSEANNE  
 PLOTTED: 3/25/2021 12:00 PM  
 PLOTSTYLETABLE: ARCADIS.ctb  
 LAYOUT: 1  
 SAVED: 3/25/2021 1:59 PM  
 ACADVER: 2015 (LMS TECH)  
 PAGESETUP: ARCADIS.ctb  
 PLOT: 04-01-01.dwg







CITY OF FLINT DIVISION ENVIRONMENTAL SERVICES, P.L.C. 10/15/2021 10:01 AM, ACADVER: 23.1S (LIMS TECH), PAGES: 23, PLOTTED: 4/21/2021 9:01 AM, BY: OBERLANDER, ROSEANNE



- LEGEND:**
- ▲ SOIL BORING
  - MONITORING WELL (ACTIVE)
  - ✕ UNABLE TO LOCATE
  - ▲ SB-FEP-25 PROPOSED SAMPLING LOCATION
  - (6.09) DEPTH TO GROUNDWATER
  - GROUNDWATER FLOW DIRECTION
  - GROUNDWATER 2 TO 4 FEET BGS
  - GROUNDWATER 4 TO 6 FEET BGS
  - GROUNDWATER 6 TO 8 FEET BGS
  - GROUNDWATER 8 TO 10 FEET BGS
  - GROUNDWATER 10 TO 12 FEET BGS
  - GROUNDWATER 12 TO 14 FEET BGS
  - GROUNDWATER 14 TO 16 FEET BGS
  - GROUNDWATER 16 TO 18 FEET BGS
  - GROUNDWATER 18 TO 20 FEET BGS
  - GROUNDWATER 20 TO 22 FEET BGS
  - GROUNDWATER 22 TO 24 FEET BGS

**NOTE:**  
 CONTOURS BASED ON DEPTHS TO GROUNDWATER FOR SB-FEP-1 THROUGH -18 FROM BORING LOGS COMPLETED IN 2017 AND GROUNDWATER LEVELS MEASURED FROM TEMPORARY WELLS INSTALLED AT SB-FEP-24 THROUGH SB-FEP-27 IN 2021.

0 60' 120'  
 APPROXIMATE SCALE IN FEET

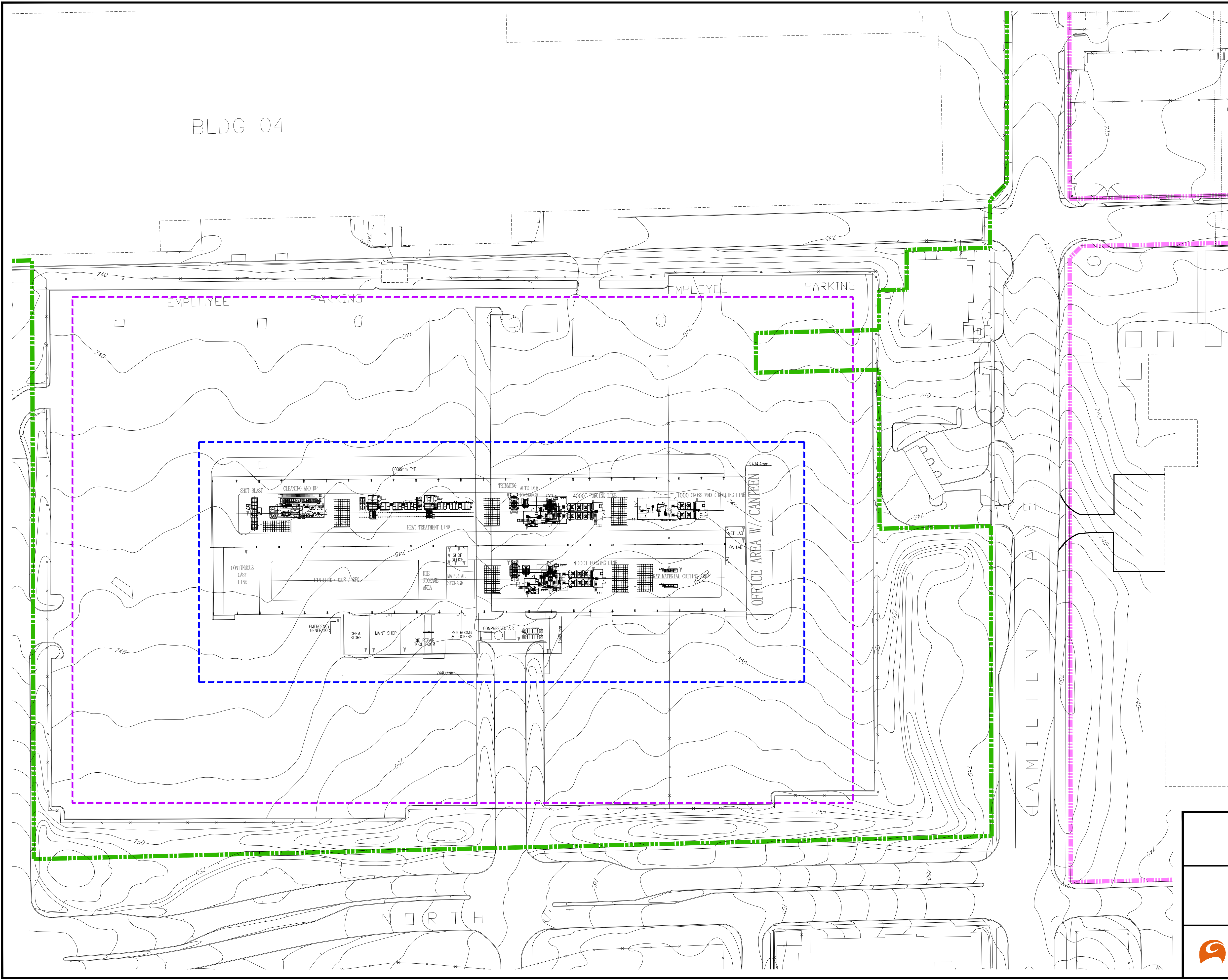
RACER TRUST  
 BUICK CITY  
 FLINT, MICHIGAN

**SITE PLAN WITH DEPTH TO GROUNDWATER AND SITE TOPOGRAPHY**

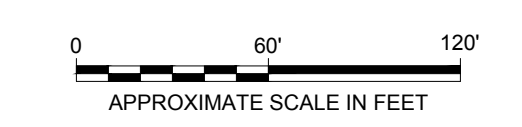
**ARCADIS** Design & Consultancy  
 for natural and built assets

FIGURE  
**4**

CITY OF FLINT, MI - PROJECT: RACER TRUST BUICK CITY. PROJECT NO: 2021-01-001. DATE: 10/22/2021. 10:00 AM. BY: OBERLANDER, ROSEANNE



- - - - APPROXIMATE SITE AREA FILL AT 757.00 ELEV  
276,148 CY
- APPROXIMATE SITE AREA FILL AT 749.00 ELEV  
90,975 CY
- - - - APPROXIMATE BUILDING AREA FILL AT 757. ELEV  
96,480 CY
- APPROXIMATE BUILDING AREA FILL AT 749. ELEV  
28,307 CY



RACER TRUST BUICK CITY FLINT, MICHIGAN	
<b>FILL CALCULATION</b>	
<b>ARCADIS</b>	<i>Design &amp; Consultancy</i> for natural and built assets
FIGURE <b>5</b>	

**Table 1 - Southwest Parcel Soil Data Summary**  
**RACER Trust, Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft BGS): Date Collected:	Units	CSAT (2013)	GSIP (2013)	NDC (2013)	NPSIC (2013)	NSVIA (2013)	NVSICI (2013)	SDBL (2013)	RFI-BG-01 0 - 2 08/29/02	SB-FEP-1 7 - 9 02/13/17
<b>Volatile Organics</b>										
1,1,1,2-Tetrachloroethane	ug/kg	440,000	--	2,200,000	530,000,000	33,000	120,000	--	NA	100 U [90 U]
1,1,1-Trichloroethane	ug/kg	460,000	1,800	1,000,000,000	29,000,000,000	460,000	4,500,000	--	NA	<b>3,740 (GSIP (2013)) [50 U]</b>
1,1,2,2-Tetrachloroethane	ug/kg	870,000	1,600	240,000	68,000,000	23,000	34,000	--	NA	60 U [50 U]
1,1,2-Trichloroethane	ug/kg	920,000	6,600	840,000	250,000,000	24,000	57,000	--	NA	60 U [50 U]
1,1-Dichloroethane	ug/kg	890,000	15,000	87,000,000	15,000,000,000	430,000	2,500,000	--	NA	160 [50 U]
1,1-Dichloroethene	ug/kg	570,000	2,600	660,000	78,000,000	330	3,700	--	NA	60 U [50 U]
1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	NA	420 U [310 U]
1,2,3-Trichloropropane	ug/kg	830,000	--	4,200,000	8,800,000	7,500	11,000	--	NA	100 U [90 U]
1,2,3-Trimethylbenzene	ug/kg	--	--	--	--	--	--	--	NA	60 U [50 U]
1,2,4-Trichlorobenzene	ug/kg	1,100,000	5,900	5,800,000	11,000,000,000	18,000,000	34,000,000	--	NA	420 U [310 U]
1,2,4-Trimethylbenzene	ug/kg	110,000	570	100,000,000	36,000,000,000	8,000,000	25,000,000	--	NA	60 U [50 U]
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	1,200	--	20,000	700,000	1,200	900	--	NA	300 U [200 U]
1,2-Dibromoethane (Ethylene dibromide)	ug/kg	890,000	110	430	18,000,000	3,600	5,800	--	NA	30 UM [20 UM]
1,2-Dichlorobenzene	ug/kg	210,000	280	63,000,000	44,000,000,000	20,000,000	46,000,000	--	NA	100 U [90 U]
1,2-Dichloroethane	ug/kg	1,200,000	7,200	420,000	150,000,000	11,000	21,000	--	NA	60 U [50 U]
1,2-Dichloropropane	ug/kg	550,000	4,600	660,000	120,000,000	7,400	30,000	--	NA	60 U [50 U]
1,3,5-Trimethylbenzene	ug/kg	94,000	1,100	100,000,000	36,000,000,000	4,800,000	19,000,000	--	NA	60 U [50 U]
1,3-Dichlorobenzene	ug/kg	170,000	680	660,000	88,000,000	48,000	94,000	--	NA	100 U [90 U]
1,4-Dichlorobenzene	ug/kg	--	360	1,900,000	570,000,000	100,000	260,000	--	NA	100 U [90 U]
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	27,000,000	44,000	700,000,000	29,000,000,000	99,000,000	35,000,000	--	NA	950 U [700 U]
2-Hexanone	ug/kg	2,500,000	--	100,000,000	1,200,000,000	1,800,000	1,300,000	--	NA	3,000 U [2,000 U]
2-Methylnaphthalene	ug/kg	--	4,200	26,000,000	290,000,000	4,900,000	1,800,000	--	NA	100 U [90 U]
2-Phenylbutane (sec-Butylbenzene)	ug/kg	10,000,000	--	8,000,000	180,000,000	--	--	--	NA	60 U [50 U]
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg	--	--	--	--	--	--	--	NA	3,000 U [2,000 U]
Acetone	ug/kg	110,000,000	34,000	73,000,000	170,000,000,000	540,000,000	160,000,000	--	NA	1,000 U [900 U]
Acrylonitrile	ug/kg	8,300,000	100	74,000	58,000,000	35,000	17,000	--	NA	100 U [90 U]
Benzene	ug/kg	400,000	4,000	840,000	470,000,000	8,400	45,000	--	NA	60 U [50 U]
Bromobenzene	ug/kg	760,000	--	1,700,000	240,000,000	580,000	540,000	--	NA	100 U [90 U]
Bromodichloromethane	ug/kg	1,500,000	--	490,000	110,000,000	6,400	31,000	--	NA	100 U [90 U]
Bromoform	ug/kg	870,000	--	3,800,000	3,600,000,000	770,000	3,100,000	--	NA	100 U [90 U]
Bromomethane (Methyl bromide)	ug/kg	2,200,000	700	1,000,000	150,000,000	1,600	13,000	--	NA	300 U [200 U]
Carbon disulfide	ug/kg	280,000	--	43,000,000	21,000,000,000	140,000	1,600,000	--	NA	300 U [200 U]
Carbon tetrachloride	ug/kg	390,000	900	440,000	170,000,000	990	12,000	--	NA	60 U [50 U]
Chlorobenzene	ug/kg	260,000	500	14,000,000	2,100,000,000	220,000	920,000	--	NA	60 U [50 U]
Chlorobromomethane	ug/kg	--	--	--	--	--	--	--	NA	100 U [90 U]
Chloroethane	ug/kg	950,000	22,000	12,000,000	290,000,000,000	5,300,000	36,000,000	--	NA	300 U [200 U]
Chloroform (Trichloromethane)	ug/kg	1,500,000	7,000	5,500,000	1,600,000,000	38,000	150,000	--	NA	60 U [50 U]
Chloromethane (Methyl chloride)	ug/kg	1,100,000	--	7,400,000	2,600,000,000	10,000	120,000	--	NA	300 U [200 U]
cis-1,2-Dichloroethene	ug/kg	640,000	12,000	8,000,000	1,000,000,000	41,000	210,000	--	NA	360 [50 U]
cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	NA	60 U [50 U]
Cymene (p-Isopropyltoluene)	ug/kg	--	--	--	--	--	--	--	NA	100 U [90 U]
Dibromochloromethane	ug/kg	610,000	--	500,000	160,000,000	21,000	80,000	--	NA	100 U [90 U]
Dibromomethane	ug/kg	2,000,000	--	8,000,000	--	--	--	--	NA	300 U [200 U]
Dichlorodifluoromethane (CFC-12)	ug/kg	1,000,000	--	170,000,000	1,500,000,000,000	1,700,000	63,000,000	--	NA	300 U [200 U]
Ethyl ether	ug/kg	7,400,000	--	360,000,000	350,000,000,000	52,000,000	100,000,000	--	NA	300 U [200 U]
Ethylbenzene	ug/kg	140,000	360	71,000,000	13,000,000,000	460,000	2,400,000	--	NA	60 U [50 U]
Hexachloroethane	ug/kg	--	1,800	730,000	100,000,000	79,000	660,000	--	NA	400 U [300 U]
Iodomethane	ug/kg	--	--	--	--	--	--	--	NA	100 U [90 U]
Isopropyl benzene	ug/kg	390,000	3,200	80,000,000	2,600,000,000	730,000	2,000,000	--	NA	300 U [200 U]
m&p-Xylene	ug/kg	--	--	--	--	--	--	--	NA	100 U [90 U]
Methyl tert butyl ether (MTBE)	ug/kg	5,900,000	140,000	7,100,000	88,000,000,000	18,000,000	30,000,000	--	NA	300 U [200 U]
Methylene chloride	ug/kg	2,300,000	30,000	5,800,000	8,300,000,000	240,000	700,000	--	NA	200 [90 U]
Naphthalene	ug/kg	--	730	52,000,000	88,000,000	470,000	350,000	--	NA	300 U [200 U]
N-Butylbenzene	ug/kg	10,000,000	--	8,000,000	880,000,000	--	--	--	NA	60 U [50 U]
N-Propylbenzene	ug/kg	10,000,000	--	8,000,000	590,000,000	--	--	--	NA	60 U [50 U]
o-Xylene	ug/kg	--	--	--	--	--	--	--	NA	60 U [50 U]
Styrene	ug/kg	520,000	2,100	1,900,000	6,900,000,000	1,300,000	3,300,000	--	NA	60 U [50 U]
tert-Butylbenzene	ug/kg	10,000,000	--	8,000,000	290,000,000	--	--	--	NA	60 U [50 U]
Tetrachloroethene	ug/kg	88,000	1,200	930,000	1,200,000,000	21,000	210,000	--	NA	<b>6,210 (GSIP (2013)) [660]</b>
Tetrahydrofuran	ug/kg	120,000,000	220,000	9,500,000	170,000,000,000	2,400,000	15,000,000	--	NA	1,000 U [900 U]

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RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	CSAT (2013)	GSIP (2013)	NDC (2013)	NPSIC (2013)	NSVIA (2013)	NVSICI (2013)	SDBL (2013)	RFI-BG-01 0 - 2 08/29/02	SB-FEP-1 7 - 9 02/13/17
Toluene	ug/kg	250,000	5,400	160,000,000	12,000,000,000	610,000	3,300,000	--	NA	180 [50 U]
trans-1,2-Dichloroethene	ug/kg	1,400,000	30,000	12,000,000	2,100,000,000	43,000	330,000	--	NA	60 U [50 U]
trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	NA	60 U [50 U]
trans-1,4-Dichloro-2-butene	ug/kg	--	--	--	--	--	--	--	NA	60 U [50 U]
Trichloroethene	ug/kg	500,000	4,000	660,000	59,000,000	1,900	14,000	--	NA	10,600 (GSIP (2013),NSVIA (2013)) [1,240]
Trichlorofluoromethane (CFC-11)	ug/kg	560,000	--	260,000,000	1,700,000,000,000	5,100,000	110,000,000	--	NA	100 U [90 U]
Vinyl chloride	ug/kg	490,000	260	34,000	890,000,000	2,800	29,000	--	NA	60 U [50 U]
<b>SVOC</b>										
1,2,4-Trichlorobenzene	ug/kg	1,100,000	5,900	5,800,000	11,000,000,000	18,000,000	34,000,000	--	NA	330 U [330 U]
1,2-Dichlorobenzene	ug/kg	210,000	280	63,000,000	44,000,000,000	20,000,000	46,000,000	--	NA	330 U [330 U]
1,2-Diphenylhydrazine	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
1,3-Dichlorobenzene	ug/kg	170,000	680	660,000	88,000,000	48,000	94,000	--	NA	330 U [330 U]
1,4-Dichlorobenzene	ug/kg	--	360	1,900,000	570,000,000	100,000	260,000	--	NA	330 U [330 U]
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
2,4,5-Trichlorophenol	ug/kg	--	--	73,000,000	10,000,000,000	--	--	--	NA	330 U [330 U]
2,4,6-Trichlorophenol	ug/kg	--	330	3,300,000	1,300,000,000	--	--	--	NA	330 U [330 U]
2,4-Dichlorophenol	ug/kg	1,800,000	330	3,900,000	2,300,000,000	--	--	--	NA	330 U [330 U]
2,4-Dimethylphenol	ug/kg	--	7,600	36,000,000	2,100,000,000	--	--	--	NA	330 U [330 U]
2,4-Dinitrophenol	ug/kg	--	--	--	--	--	--	--	NA	830 U [830 U]
2,4-Dinitrotoluene	ug/kg	--	--	220,000	20,000,000	--	--	--	NA	330 U [330 U]
2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
2-Chloronaphthalene	ug/kg	--	--	180,000,000	--	--	--	--	NA	330 U [330 U]
2-Chlorophenol	ug/kg	19,000,000	360	4,500,000	530,000,000	800,000	1,100,000	--	NA	330 U [330 U]
2-Methylnaphthalene	ug/kg	--	4,200	26,000,000	290,000,000	4,900,000	1,800,000	--	NA	330 U [330 U]
2-Methylphenol	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
2-Nitroaniline	ug/kg	--	--	--	--	--	--	--	NA	830 U [830 U]
2-Nitrophenol	ug/kg	--	--	2,000,000	--	--	--	--	NA	330 U [330 U]
3&4-Methylphenol	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
3,3'-Dichlorobenzidine	ug/kg	--	2,000	30,000	8,200,000	--	--	--	NA	2,000 U [2,000 U]
3-Nitroaniline	ug/kg	--	--	--	--	--	--	--	NA	830 U [830 U]
4,6-Dinitro-2-methylphenol	ug/kg	--	--	260,000	59,000,000	--	--	--	NA	830 U [830 U]
4-Bromophenyl phenyl ether	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
4-Chloro-3-methylphenol	ug/kg	--	280	15,000,000	--	--	--	--	NA	280 U [280 U]
4-Chloroaniline	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
4-Chlorophenyl phenyl ether	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
4-Nitroaniline	ug/kg	--	--	--	--	--	--	--	NA	830 U [830 U]
4-Nitrophenol	ug/kg	--	--	--	--	--	--	--	NA	830 U [830 U]
Acenaphthene	ug/kg	--	8,700	130,000,000	6,200,000,000	350,000,000	97,000,000	--	NA	330 U [330 U]
Acenaphthylene	ug/kg	--	--	5,200,000	1,000,000,000	3,000,000	2,700,000	--	NA	330 U [330 U]
Anthracene	ug/kg	--	--	730,000,000	29,000,000,000	1,000,000,000	1,600,000,000	--	NA	330 U [330 U]
Benzo(a)anthracene	ug/kg	--	--	80,000	--	--	--	--	NA	330 U [330 U]
Benzo(a)pyrene	ug/kg	--	--	8,000	1,900,000	--	--	--	NA	330 U [330 U]
Benzo(b)fluoranthene	ug/kg	--	--	80,000	--	--	--	--	NA	330 U [330 U]
Benzo(g,h,i)perylene	ug/kg	--	--	7,000,000	350,000,000	--	--	--	NA	330 U [330 U]
Benzo(k)fluoranthene	ug/kg	--	--	800,000	--	--	--	--	NA	330 U [330 U]
bis(2-Chloroethoxy)methane	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
bis(2-Chloroethyl)ether	ug/kg	2,200,000	100	58,000	12,000,000	44,000	13,000	--	NA	330 U [330 U]
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	10,000,000	--	12,000,000	890,000,000	--	--	--	NA	330 U [330 U]
Butyl benzylphthalate (BBP)	ug/kg	310,000	120,000	120,000,000	21,000,000,000	--	--	--	NA	330 U [330 U]
Chrysene	ug/kg	--	--	8,000,000	--	--	--	--	NA	330 U [330 U]
Dibenz(a,h)anthracene	ug/kg	--	--	8,000	--	--	--	--	NA	330 U [330 U]
Dibenzofuran	ug/kg	--	1,700	--	2,900,000	3,600,000	160,000	--	NA	330 U [330 U]
Diethyl phthalate	ug/kg	740,000	2,200	550,000,000	1,500,000,000	--	--	--	NA	330 U [330 U]
Dimethyl phthalate	ug/kg	790,000	--	1,000,000,000	1,500,000,000	--	--	--	NA	330 U [330 U]
Di-n-butylphthalate (DBP)	ug/kg	760,000	11,000	87,000,000	1,500,000,000	--	--	--	NA	330 U [330 U]
Di-n-octyl phthalate (DnOP)	ug/kg	140,000,000	--	20,000,000	14,000,000,000	--	--	--	NA	330 U [330 U]
Fluoranthene	ug/kg	--	5,500	130,000,000	4,100,000,000	1,000,000,000	890,000,000	--	NA	330 U [330 U]
Fluorene	ug/kg	--	5,300	87,000,000	4,100,000,000	1,000,000,000	150,000,000	--	NA	330 U [330 U]
Hexachlorobenzene	ug/kg	--	350	37,000	8,500,000	220,000	56,000	--	NA	330 U [330 U]
Hexachlorobutadiene	ug/kg	350,000	91	470,000	180,000,000	710,000	460,000	--	NA	330 U [330 U]
Hexachlorocyclopentadiene	ug/kg	720,000	--	6,700,000	5,900,000	56,000	60,000	--	NA	330 U [330 U]

**Table 1 - Southwest Parcel Soil Data Summary**  
**RACER Trust, Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft BGS): Date Collected:	Units	CSAT (2013)	GSIP (2013)	NDC (2013)	NPSIC (2013)	NSVIA (2013)	NVSICI (2013)	SDBL (2013)	RFI-BG-01 0 - 2 08/29/02	SB-FEP-1 7 - 9 02/13/17
Hexachloroethane	ug/kg	--	1,800	730,000	100,000,000	79,000	660,000	--	NA	330 U [330 U]
Indeno(1,2,3-cd)pyrene	ug/kg	--	--	--	--	--	--	--	NA	330 U [330 U]
Isophorone	ug/kg	2,400,000	26,000	22,000,000	8,200,000,000	--	--	--	NA	330 U [330 U]
Naphthalene	ug/kg	--	730	52,000,000	88,000,000	470,000	350,000	--	NA	330 U [330 U]
Nitrobenzene	ug/kg	490,000	3,600	340,000	21,000,000	170,000	64,000	--	NA	330 U [330 U]
N-Nitrosodi-n-propylamine	ug/kg	1,500,000	--	5,400	2,000,000	--	--	--	NA	330 U [330 U]
N-Nitrosodiphenylamine	ug/kg	--	--	7,800,000	2,800,000,000	--	--	--	NA	330 U [330 U]
Pentachlorophenol	ug/kg	--	27,000	320,000	130,000,000	--	--	--	NA	330 U [330 U]
Phenanthrene	ug/kg	--	2,100	5,200,000	2,900,000	5,100,000	190,000	--	NA	330 U [330 U]
Phenol	ug/kg	12,000,000	9,000	230,000,000	18,000,000,000	--	--	--	NA	330 U [330 U]
Pyrene	ug/kg	--	--	84,000,000	2,900,000,000	1,000,000,000	780,000,000	--	NA	330 U [330 U]
<b>PCB</b>										
Aroclor-1016 (PCB-1016)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1221 (PCB-1221)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1232 (PCB-1232)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1242 (PCB-1242)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1248 (PCB-1248)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1254 (PCB-1254)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
Aroclor-1260 (PCB-1260)	ug/kg	--	--	16,000	--	--	--	--	NA	330 U [330 U]
<b>Inorganic</b>										
Antimony	mg/kg	--	94	670	5,900	--	--	--	0.028 J	0.5 U [0.5 U]
Arsenic	mg/kg	--	4.6	37	910	--	--	5.8	<b>7.2 J (GSIP (2013),SDBL (2013))</b>	3.14 [5.46]
Barium	mg/kg	--	850	130,000	150,000	--	--	75	78 J	22.1 [15]
Beryllium	mg/kg	--	400	1,600	590	--	--	--	0.43	0.2 [0.2 U]
Cadmium	mg/kg	--	5.8	2,100	2,200	--	--	1.2	0.33 J	0.2 U [0.2 U]
Chromium	mg/kg	--	3.3	1,000,000	150,000	--	--	18	17 J	3.48 [3.01]
Cobalt	mg/kg	--	2	9,000	5,900	--	--	6.8	6.7 J	2.99 [2.49]
Copper	mg/kg	--	130	73,000	59,000	--	--	32	18 J	7.81 [6.15]
Cyanide (total)	mg/kg	--	0.1	250	250	--	--	0.39	NA	0.11 U [0.11 U]
Iron	mg/kg	--	--	580,000	--	--	--	12,000	NA	NA
Lead	mg/kg	--	8,300	900	44,000	--	--	21	48 J	5.69 [4.17]
Manganese	mg/kg	--	98	90,000	1,500	--	--	440	410	227 [192]
Mercury	mg/kg	--	0.05	580	8,800	89	62	0.13	0.0288 J	0.05 U [0.05 U]
Nickel	mg/kg	--	120	150,000	16,000	--	--	20	15 J	7.23 [6.31]
Selenium	mg/kg	--	0.4	9,600	59,000	--	--	0.41	0.064 U	0.4 U [0.4 U]
Silver	mg/kg	--	0.1	9,000	2,900	--	--	1	0.11 J	0.2 U [0.2 U]
Thallium	mg/kg	--	4.2	130	5,900	--	--	--	0.19 J	0.2 U [0.2 U]
Vanadium	mg/kg	--	430	5,500	--	--	--	--	24 J	5.01 [5.68]
Zinc	mg/kg	--	280	630,000	--	--	--	47	84 J	18.6 [19.7]
<b>Miscellaneous</b>										
Total solids	%	--	--	--	--	--	--	--	92.1	88 [88]

**Notes**  
CSAT - Soil Saturation Concentration Screening Level  
GSIP - Groundwater/Surface Water Interface Protection Criteria  
J - estimated value less than reporting limit, but greater than MDL  
M - Result reported to MDL not RDL.  
NA - Not Analyzed  
mg/kg - milligrams per kilogram  
NDC - Nonresidential Direct Contact Criteria  
NPSIC - Nonresidential Particulate Soil Inhalation Criteria  
NSVIA - Nonresidential Soil Volatilization to Indoor Air Criteria  
NVSICI - Nonresidential Infintie Source Volatile Soil Inhalation Criteria  
SDBL - State Default Background Level  
U - Not Detected.Associated value is the reporting limit.  
ug/kg - micrograms per miligram  
Bolded/Highlighted values exceed a criteria. For inorganics value exceeds SDBL and at least one other criteria.

Table 1 - Southwest Parcel Soil Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-2 6 - 8 02/09/17	SB-FEP-3 8 - 10 02/08/17	SB-FEP-4 10 - 12 02/13/17	SB-FEP-5 6 - 8 02/13/17	SB-FEP-12 2 - 4 09/11/17	SB-FEP-12A 0 - 6 02/26/20	SB-FEP-12R 0 - 0.5 12/04/19	SB-FEP-12R 2 - 4 12/04/19
<b>Volatile Organics</b>									
1,1,1,2-Tetrachloroethane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
1,1,1-Trichloroethane	ug/kg	60 U	60 U	80	50 U	80 U	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,1,2-Trichloroethane	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,1-Dichloroethane	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,1-Dichloroethene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,2,3-Trichlorobenzene	ug/kg	420 U	380 U	380 U	340 U	540 U	NA	NA	NA
1,2,3-Trichloropropane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
1,2,3-Trimethylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,2,4-Trichlorobenzene	ug/kg	420 U	380 U	380 U	340 U	540 U	NA	NA	NA
1,2,4-Trimethylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
1,2-Dibromoethane (Ethylene dibromide)	ug/kg	30 UM	20 UM	20 UM	20 UM	30 UM	NA	NA	NA
1,2-Dichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
1,2-Dichloroethane	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,2-Dichloropropane	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,3,5-Trimethylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
1,4-Dichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	950 U	860 U	870 U	780 U	1,200 U	NA	NA	NA
2-Hexanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	4,000 U	NA	NA	NA
2-Methylnaphthalene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
2-Phenylbutane (sec-Butylbenzene)	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	4,000 U	NA	NA	NA
Acetone	ug/kg	1,000 U	1,000 U	1,000 U	1,000 U	2,000 U	NA	NA	NA
Acrylonitrile	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Benzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Bromobenzene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Bromodichloromethane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Bromoform	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Bromomethane (Methyl bromide)	ug/kg	300 U	200 U	200 U	200 U	300 U	NA	NA	NA
Carbon disulfide	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
Carbon tetrachloride	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Chlorobenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Chlorobromomethane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Chloroethane	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
Chloroform (Trichloromethane)	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Chloromethane (Methyl chloride)	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
cis-1,2-Dichloroethene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
cis-1,3-Dichloropropene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Cymene (p-Isopropyltoluene)	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Dibromochloromethane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Dibromomethane	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
Ethyl ether	ug/kg	300 U	200 U	200 U	200 U	300 U	NA	NA	NA
Ethylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Hexachloroethane	ug/kg	400 U	300 U	300 U	300 U	500 U	NA	NA	NA
Iodomethane	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Isopropyl benzene	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
m&p-Xylene	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Methyl tert butyl ether (MTBE)	ug/kg	300 U	200 U	200 U	200 U	300 U	NA	NA	NA
Methylene chloride	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Naphthalene	ug/kg	300 U	300 U	300 U	300 U	400 U	NA	NA	NA
N-Butylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
N-Propylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
o-Xylene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Styrene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
tert-Butylbenzene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Tetrachloroethene	ug/kg	60 U	60 U	200	50 U	80 U	NA	NA	NA
Tetrahydrofuran	ug/kg	1,000 U	1,000 U	1,000 U	1,000 U	2,000 U	NA	NA	NA

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RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-2 6 - 8 02/09/17	SB-FEP-3 8 - 10 02/08/17	SB-FEP-4 10 - 12 02/13/17	SB-FEP-5 6 - 8 02/13/17	SB-FEP-12 2 - 4 09/11/17	SB-FEP-12A 0 - 6 02/26/20	SB-FEP-12R 0 - 0.5 12/04/19	SB-FEP-12R 2 - 4 12/04/19
Toluene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
trans-1,2-Dichloroethene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
trans-1,3-Dichloropropene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
trans-1,4-Dichloro-2-butene	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
Trichloroethene	ug/kg	60 U	60 U	170	50 U	80 U	NA	NA	NA
Trichlorofluoromethane (CFC-11)	ug/kg	100 U	100 U	100 U	100 U	200 U	NA	NA	NA
Vinyl chloride	ug/kg	60 U	60 U	60 U	50 U	80 U	NA	NA	NA
<b>SVOC</b>									
1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
1,2-Diphenylhydrazine	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,4-Dinitrophenol	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2-Methylnaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
2-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
3&4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
3,3'-Dichlorobenzidine	ug/kg	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	NA	NA	NA
3-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
4-Bromophenyl phenyl ether	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
4-Chloro-3-methylphenol	ug/kg	280 U	280 U	280 U	280 U	280 U	NA	NA	NA
4-Chloroaniline	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
4-Chlorophenyl phenyl ether	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
4-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
4-Nitrophenol	ug/kg	830 U	830 U	830 U	830 U	830 U	NA	NA	NA
Acenaphthene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Benzo(a)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Benzo(g,h,i)perylene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
bis(2-Chloroethyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Butyl benzylphthalate (BBP)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Chrysene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Diethyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Dimethyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Di-n-butylphthalate (DBP)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Di-n-octyl phthalate (DnOP)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA

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RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-2 6 - 8 02/09/17	SB-FEP-3 8 - 10 02/08/17	SB-FEP-4 10 - 12 02/13/17	SB-FEP-5 6 - 8 02/13/17	SB-FEP-12 2 - 4 09/11/17	SB-FEP-12A 0 - 6 02/26/20	SB-FEP-12R 0 - 0.5 12/04/19	SB-FEP-12R 2 - 4 12/04/19
Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Nitrobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
N-Nitrosodi-n-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Pentachlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Phenanthrene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
<b>PCB</b>									
Aroclor-1016 (PCB-1016)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1221 (PCB-1221)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1232 (PCB-1232)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1242 (PCB-1242)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1248 (PCB-1248)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1254 (PCB-1254)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
Aroclor-1260 (PCB-1260)	ug/kg	330 U	330 U	330 U	330 U	330 U	NA	NA	NA
<b>Inorganic</b>									
Antimony	mg/kg	0.5 U	0.5 U	0.5 U	0.5 U	0.41	NA	NA	NA
Arsenic	mg/kg	1.56	0.94	1.02	1.13	4.73	NA	NA	NA
Barium	mg/kg	38.2	3.39	8.9	6.4	101	NA	NA	NA
Beryllium	mg/kg	0.39	0.2 U	0.2 U	0.2 U	0.4	NA	NA	NA
Cadmium	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.76	NA	NA	NA
Chromium	mg/kg	3.27	0.85	3.16	1.04	9.16	NA	NA	NA
Cobalt	mg/kg	3.37	1.28	1.92	0.97	3.28	NA	NA	NA
Copper	mg/kg	3.19	1.14	3.57	2.24	63.4	NA	NA	NA
Cyanide (total)	mg/kg	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	NA	NA	NA
Iron	mg/kg	NA	1,350	2,120	1,720	NA	NA	NA	NA
Lead	mg/kg	4.97	2.2	2.7	3.5	2,610 (NDC (2013),SDBL (2013))	140	145	130
Manganese	mg/kg	307	104	152	134	451 (GSIP (2013),SDBL (2013))	NA	NA	NA
Mercury	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.172 (GSIP (2013),SDBL (2013))	NA	NA	NA
Nickel	mg/kg	7.53	2.05	3.44	2.8	8.95	NA	NA	NA
Selenium	mg/kg	0.4 U	0.4 U	0.4 U	0.4 U	0.25	NA	NA	NA
Silver	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.23	NA	NA	NA
Thallium	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	NA
Vanadium	mg/kg	6.14	1.36	2.81	1.42	6.79	NA	NA	NA
Zinc	mg/kg	10.2	4.89	5.04	8.08	157	NA	NA	NA
<b>Miscellaneous</b>									
Total solids	%	88	91	93	98	90	87	84	87

**Notes**

CSAT - Soil Saturation Concentration Screening Level  
GSIP - Groundwater/Surface Water Interface Protection Criteria  
J - estimated value less than reporting limit, but greater than MDL  
M - Result reported to MDL not RDL.  
NA - Not Analyzed  
mg/kg - milligrams per kilogram  
NDC - Nonresidential Direct Contact Criteria  
NPSIC - Nonresidential Particulate Soil Inhalation Criteria  
NSVIA - Nonresidential Soil Volatilization to Indoor Air Criteria  
NVSICI - Nonresidential Infintie Source Volatile Soil Inhalation Criteria  
SDBL - State Default Background Level  
U - Not Detected. Associated value is the reporting limit.  
ug/kg - micrograms per milogram  
Bolded/Highlighted values exceed a criteria. For inorganics value exceeds SDBL and at least one other criteria.

Table 1 - Southwest Parcel Soil Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-13 13 - 15 09/11/17	SB-FEP-14 11 - 13 09/13/17	SB-FEP-15 11 - 13 09/13/17	SB-FEP-16 7.5 - 9.5 09/13/17	SB-FEP-17 0.5 - 2.5 09/13/17	SB-FEP-18 2 - 4 09/13/17
<b>Volatile Organics</b>							
1,1,1,2-Tetrachloroethane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
1,1,1-Trichloroethane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,1,2,2-Tetrachloroethane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,1,2-Trichloroethane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,1-Dichloroethane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,1-Dichloroethene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,2,3-Trichlorobenzene	ug/kg	540 U	530 U	710 U	700 U	520 U [570 U]	810 U
1,2,3-Trichloropropane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
1,2,3-Trimethylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,2,4-Trichlorobenzene	ug/kg	540 U	530 U	710 U	700 U	520 U [570 U]	810 U
1,2,4-Trimethylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
1,2-Dibromoethane (Ethylene dibromide)	ug/kg	30 UM	30 UM	40 UM	40 UM	30 UM [30 UM]	50 UM
1,2-Dichlorobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
1,2-Dichloroethane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,2-Dichloropropane	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,3,5-Trimethylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
1,3-Dichlorobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
1,4-Dichlorobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	1,200 U	1,200 U	1,600 U	1,600 U	1,200 U [1,300 U]	1,800 U
2-Hexanone	ug/kg	4,000 U	4,000 U	5,000 U	5,000 U	4,000 U [4,000 U]	6,000 U
2-Methylnaphthalene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
2-Phenylbutane (sec-Butylbenzene)	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg	4,000 U	4,000 U	5,000 U	5,000 U	4,000 U [4,000 U]	6,000 U
Acetone	ug/kg	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U [2,000 U]	2,000 U
Acrylonitrile	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Benzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Bromobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Bromodichloromethane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Bromoform	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Bromomethane (Methyl bromide)	ug/kg	300 U	300 U	400 U	400 U	300 U [300 U]	500 U
Carbon disulfide	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
Carbon tetrachloride	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Chlorobenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Chlorobromomethane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Chloroethane	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
Chloroform (Trichloromethane)	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Chloromethane (Methyl chloride)	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
cis-1,2-Dichloroethene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
cis-1,3-Dichloropropene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Cymene (p-Isopropyltoluene)	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Dibromochloromethane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Dibromomethane	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
Dichlorodifluoromethane (CFC-12)	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
Ethyl ether	ug/kg	300 U	300 U	400 U	400 U	300 U [300 U]	500 U
Ethylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Hexachloroethane	ug/kg	500 U	500 U	600 U	600 U	500 U [500 U]	700 U
Iodomethane	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Isopropyl benzene	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
m&p-Xylene	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Methyl tert butyl ether (MTBE)	ug/kg	300 U	300 U	400 U	400 U	300 U [300 U]	500 U
Methylene chloride	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Naphthalene	ug/kg	400 U	400 U	500 U	500 U	400 U [400 U]	600 U
N-Butylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
N-Propylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
o-Xylene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Styrene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
tert-Butylbenzene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Tetrachloroethene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Tetrahydrofuran	ug/kg	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U [2,000 U]	2,000 U

**Table 1 - Southwest Parcel Soil Data Summary**  
**RACER Trust, Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-13 13 - 15 09/11/17	SB-FEP-14 11 - 13 09/13/17	SB-FEP-15 11 - 13 09/13/17	SB-FEP-16 7.5 - 9.5 09/13/17	SB-FEP-17 0.5 - 2.5 09/13/17	SB-FEP-18 2 - 4 09/13/17
Toluene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
trans-1,2-Dichloroethene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
trans-1,3-Dichloropropene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
trans-1,4-Dichloro-2-butene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Trichloroethene	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
Trichlorofluoromethane (CFC-11)	ug/kg	200 U	200 U	200 U	200 U	200 U [200 U]	200 U
Vinyl chloride	ug/kg	80 U	80 U	100 U	100 U	80 U [90 U]	100 U
<b>SVOC</b>							
1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
1,2-Diphenylhydrazine	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,4-Dinitrophenol	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2-Methylnaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
2-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
3&4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
3,3'-Dichlorobenzidine	ug/kg	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U [2,000 U]	2,000 U
3-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
4,6-Dinitro-2-methylphenol	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
4-Bromophenyl phenyl ether	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
4-Chloro-3-methylphenol	ug/kg	280 U	280 U	280 U	280 U	280 U [280 U]	280 U
4-Chloroaniline	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
4-Chlorophenyl phenyl ether	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
4-Nitroaniline	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
4-Nitrophenol	ug/kg	830 U	830 U	830 U	830 U	830 U [830 U]	830 U
Acenaphthene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Benzo(a)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Benzo(g,h,i)perylene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
bis(2-Chloroethyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Butyl benzylphthalate (BBP)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Chrysene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Diethyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Dimethyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Di-n-butylphthalate (DBP)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Di-n-octyl phthalate (DnOP)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U

**Table 1 - Southwest Parcel Soil Data Summary**  
**RACER Trust, Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-13 13 - 15 09/11/17	SB-FEP-14 11 - 13 09/13/17	SB-FEP-15 11 - 13 09/13/17	SB-FEP-16 7.5 - 9.5 09/13/17	SB-FEP-17 0.5 - 2.5 09/13/17	SB-FEP-18 2 - 4 09/13/17
Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Nitrobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
N-Nitrosodi-n-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Pentachlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Phenanthrene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
<b>PCB</b>							
Aroclor-1016 (PCB-1016)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1221 (PCB-1221)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1232 (PCB-1232)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1242 (PCB-1242)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1248 (PCB-1248)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1254 (PCB-1254)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
Aroclor-1260 (PCB-1260)	ug/kg	330 U	330 U	330 U	330 U	330 U [330 U]	330 U
<b>Inorganic</b>							
Antimony	mg/kg	0.2 U	0.5 U	0.5 U	0.2 U	0.2 U [0.2 U]	0.2 U
Arsenic	mg/kg	2.05	1.12	1.99	0.91	0.9 [1.22]	0.9
Barium	mg/kg	12.9	33.6	6.6	8.41	8.82 [20.7]	6.72
Beryllium	mg/kg	0.2 U	0.31	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U
Cadmium	mg/kg	0.2 U	0.34	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U
Chromium	mg/kg	1.56	5	2.06	1.54	0.84 [2.21]	1.48
Cobalt	mg/kg	2.27	2.67	1.6	1.17	1.06 [2.13]	1.11
Copper	mg/kg	4.75	23.7	4.47	3.39	1.87 [3.14]	3.39
Cyanide (total)	mg/kg	0.13 U	0.13 U	0.11 U	0.11 U	0.11 U [0.11 U]	0.11 U
Iron	mg/kg	NA	NA	NA	NA	NA	NA
Lead	mg/kg	3.96	47.6	3.03	2.14	2.41 [4.79]	1.99
Manganese	mg/kg	216	279	169	104	197 [218]	98.1
Mercury	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U [0.05 U]	0.05 U
Nickel	mg/kg	4.75	9.08	5.61	3.86	3.08 [4.29]	3.51
Selenium	mg/kg	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U [0.2 U]	0.2 U
Silver	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U
Thallium	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U [0.2 U]	0.2 U
Vanadium	mg/kg	4.37	6.72	2.68	2.13	2.22 [4.35]	2.22
Zinc	mg/kg	13	50.4	15.1	8.93	4.9 [10.3]	7.27
<b>Miscellaneous</b>							
Total solids	%	76	79	93	88	92 [91]	90

**Notes**

CSAT - Soil Saturation Concentration Screening Level  
 GSIP - Groundwater/Surface Water Interface Protection Criteria  
 J - estimated value less than reporting limit, but greater than MDL  
 M - Result reported to MDL not RDL.  
 NA - Not Analyzed  
 mg/kg - milligrams per kilogram  
 NDC - Nonresidential Direct Contact Criteria  
 NPSIC - Nonresidential Particulate Soil Inhalation Criteria  
 NSVIA - Nonresidential Soil Volatilization to Indoor Air Criteria  
 NVSICI - Nonresidential Infintie Source Volatile Soil Inhalation Criteria  
 SDBL - State Default Background Level  
 U - Not Detected. Associated value is the reporting limit.  
 ug/kg - micrograms per milogram  
 Bolded/Highlighted values exceed a criteria. For inorganics value exceeds SDBL and at least one other criteria.

Table 1 - Southwest Parcel Soil Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-19 0 - 0.5 12/04/19	SB-FEP-19 2 - 4 12/04/19	SB-FEP-20 0 - 2 11/21/19	SB-FEP-20 2 - 4 11/21/19	SB-FEP-20 4 - 6 11/21/19	SB-FEP-20A 0 - 0.5 11/25/19	SB-FEP-21 0 - 0.5 12/04/19	SB-FEP-21 2 - 4 12/04/19	SB-FEP-22 0 - 2 08/04/20	SB-FEP-22 2 - 4 08/04/20	SB-FEP-23 0 - 2 08/04/20	SB-FEP-23 2 - 4 08/04/20
<b>Volatile Organics</b>													
1,1,1,2-Tetrachloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylpropane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene dibromide)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Phenylbutane (sec-Butylbenzene)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane (Methyl bromide)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobromomethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform (Trichloromethane)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl chloride)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl benzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether (MTBE)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1 - Southwest Parcel Soil Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-19 0 - 0.5 12/04/19	SB-FEP-19 2 - 4 12/04/19	SB-FEP-20 0 - 2 11/21/19	SB-FEP-20 2 - 4 11/21/19	SB-FEP-20 4 - 6 11/21/19	SB-FEP-20A 0 - 0.5 11/25/19	SB-FEP-21 0 - 0.5 12/04/19	SB-FEP-21 2 - 4 12/04/19	SB-FEP-22 0 - 2 08/04/20	SB-FEP-22 2 - 4 08/04/20	SB-FEP-23 0 - 2 08/04/20	SB-FEP-23 2 - 4 08/04/20
Toluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>SVOC</b>													
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzylphthalate (BBP)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate (DBP)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate (DnOP)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 1 - Southwest Parcel Soil Data Summary**  
**RACER Trust, Buick City Site, Flint, Michigan**

Location ID: Sample Depth(ft BGS): Date Collected:	Units	SB-FEP-19 0 - 0.5 12/04/19	SB-FEP-19 2 - 4 12/04/19	SB-FEP-20 0 - 2 11/21/19	SB-FEP-20 2 - 4 11/21/19	SB-FEP-20 4 - 6 11/21/19	SB-FEP-20A 0 - 0.5 11/25/19	SB-FEP-21 0 - 0.5 12/04/19	SB-FEP-21 2 - 4 12/04/19	SB-FEP-22 0 - 2 08/04/20	SB-FEP-22 2 - 4 08/04/20	SB-FEP-23 0 - 2 08/04/20	SB-FEP-23 2 - 4 08/04/20
Hexachloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PCB</b>													
Aroclor-1016 (PCB-1016)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganic</b>													
Antimony	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide (total)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	116	96.2	NA	7.82	NA	55	290	218	29.6	7.42	21.4	8.42
Manganese	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Miscellaneous</b>													
Total solids	%	81	89	91	90	88	90	86	89	90	94	89	94

**Notes**

CSAT - Soil Saturation Concentration Screening Level  
GSIP - Groundwater/Surface Water Interface Protection Criteria  
J - estimated value less than reporting limit, but greater than MDL  
M - Result reported to MDL not RDL.  
NA - Not Analyzed  
mg/kg - milligrams per kilogram  
NDC - Nonresidential Direct Contact Criteria  
NPSIC - Nonresidential Particulate Soil Inhalation Criteria  
NSVIA - Nonresidential Soil Volatilization to Indoor Air Criteria  
NVSICI - Nonresidential Infintie Source Volatile Soil Inhalation Criteria  
SDBL - State Default Background Level  
U - Not Detected.Associated value is the reporting limit.  
ug/kg - micrograms per milogram  
Bolded/Highlighted values exceed a criteria. For inorganics value exceeds SDBL and at least one other criteria.

Table 2 - Southwest Parcel Groundwater Data Summary  
 RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(): Date Collected:	Units	FE	GSI	NGVIIC	WS	04-140 10/01/01	04-140-ULF 10/01/01	SB-FEP-1 02/14/17	SB-FEP-4 02/14/17	SB-FEP-13 09/12/17	SB-FEP-15 09/13/17
<b>Volatile Organics</b>											
1,1,1,2-Tetrachloroethane	ug/L	--	--	96,000	1,100,000	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,1,1-Trichloroethane	ug/L	--	89	1,300,000	1,330,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,1,1,2,2-Tetrachloroethane	ug/L	--	78	77,000	2,970,000	1 UJ	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,1,2-Trichloroethane	ug/L	--	330	110,000	4,420,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,1-Dichloroethane	ug/L	380,000	740	2,300,000	5,060,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,1-Dichloroethene	ug/L	97,000	130	1,300	2,250,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2,3-Trichlorobenzene	ug/L	--	--	--	--	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
1,2,3-Trichloropropane	ug/L	--	--	18,000	1,900,000	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2,3-Trimethylbenzene	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2,4-Trichlorobenzene	ug/L	--	99	300,000	300,000	5 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
1,2,4-Trimethylbenzene	ug/L	56,000	17	56,000	55,890	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	--	--	1,200	1,230	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	--	5.7	15,000	4,200,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2-Dichlorobenzene	ug/L	--	13	160,000	156,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2-Dichloroethane	ug/L	2,500,000	360	59,000	8,520,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2-Dichloropropane	ug/L	550,000	230	36,000	2,800,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,3,5-Trimethylbenzene	ug/L	--	45	61,000	61,150	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,3-Dichlorobenzene	ug/L	--	28	41,000	111,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,4-Dichlorobenzene	ug/L	--	17	74,000	73,800	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,4-Dioxane	ug/L	140,000,000	280	--	900,000,000	NA	NA	3 U [3 U]	3 U	NA	NA
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	--	2,200	240,000,000	240,000,000	25 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
2-Hexanone	ug/L	--	--	8,700,000	16,000,000	50 U	NA	50 U [50 U]	50 U	50 U [50 U]	50 U
2-Methylnaphthalene	ug/L	--	19	25,000	24,600	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	--	--	20,000,000	20,000,000	50 U	NA	50 U [50 U]	50 U	50 U [50 U]	50 U
Acetone	ug/L	15,000,000	1,700	1,000,000,000	1,000,000,000	25 U	NA	50 U [50 U]	50 U	85 [78]	50 U
Acrylonitrile	ug/L	6,400,000	2	190,000	75,000,000	NA	NA	2 U [2 U]	2 U	2 U [2 U]	2 U
Benzene	ug/L	68,000	200	35,000	1,750,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Bromobenzene	ug/L	--	--	390,000	413,000	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Bromodichloromethane	ug/L	--	--	37,000	6,740,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Bromoform	ug/L	--	--	3,100,000	3,100,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Bromomethane (Methyl bromide)	ug/L	--	5	9,000	14,500,000	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Carbon disulfide	ug/L	13,000	--	550,000	1,190,000	5 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Carbon tetrachloride	ug/L	--	38	2,400	793,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Chlorobenzene	ug/L	160,000	25	470,000	472,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Chlorobromomethane	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Chloroethane	ug/L	110,000	1,100	5,700,000	5,740,000	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Chloroform (Trichloromethane)	ug/L	--	350	180,000	7,920,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Chloromethane (Methyl chloride)	ug/L	36,000	--	45,000	6,340,000	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
cis-1,2-Dichloroethene	ug/L	530,000	620	210,000	3,500,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
cis-1,3-Dichloropropene	ug/L	--	--	--	--	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Cyclohexane	ug/L	--	--	--	--	5 U	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	ug/L	--	--	--	--	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Dibromochloromethane	ug/L	--	--	110,000	2,600,000	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Dibromomethane	ug/L	--	--	--	11,000,000	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Dichlorodifluoromethane (CFC-12)	ug/L	--	--	300,000	300,000	1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Ethyl ether	ug/L	650,000	--	61,000,000	61,000,000	NA	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
Ethylbenzene	ug/L	43,000	18	170,000	169,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Hexachloroethane	ug/L	--	6.7	50,000	50,000	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Iodomethane	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Isopropyl benzene	ug/L	29,000	28	56,000	56,000	5 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
m&p-Xylene	ug/L	--	--	--	--	2 U	NA	2 U [2 U]	2 U	2 U [2 U]	2 U
Methyl acetate	ug/L	--	--	--	--	5 U	NA	NA	NA	NA	NA
Methyl cyclohexane	ug/L	--	--	--	--	1 U	NA	NA	NA	NA	NA
Methyl tert butyl ether (MTBE)	ug/L	--	7,100	47,000,000	46,800,000	5 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Methylene chloride	ug/L	--	1,500	1,400,000	17,000,000	5 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Naphthalene	ug/L	--	11	31,000	31,000	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U

Table 2 - Southwest Parcel Groundwater Data Summary  
 RACER Trust, Buick City Site, Flint, Michigan

Location ID: Sample Depth(): Date Collected:	Units	FE	GSI	NGVIIC	WS	04-140	04-140-ULF	SB-FEP-1	SB-FEP-4	SB-FEP-13	SB-FEP-15
						10/01/01	10/01/01	02/14/17	02/14/17	09/12/17	09/13/17
N-Butylbenzene	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
N-Propylbenzene	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
o-Xylene	ug/L	--	--	--	--	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Styrene	ug/L	140,000	80	310,000	310,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
tert-Butylbenzene	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Tetrachloroethene	ug/L	--	60	170,000	200,000	1 U	NA	1 U [1 U]	3	1 U [1 U]	1 U
Tetrahydrofuran	ug/L	60,000	11,000	16,000,000	1,000,000,000	NA	NA	90 U [90 U]	90 U	90 U [90 U]	90 U
Toluene	ug/L	61,000	270	530,000	526,000	1 U	NA	1 U [1 U]	1	1 U [1 U]	1 U
trans-1,2-Dichloroethene	ug/L	230,000	1,500	200,000	6,300,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
trans-1,3-Dichloropropene	ug/L	--	--	--	--	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
trans-1,4-Dichloro-2-butene	ug/L	--	--	--	--	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Trichloroethene	ug/L	--	200	4,900	1,100,000	1 U	NA	3 [1 U]	10	1 U [1 U]	1 U
Trichlorofluoromethane (CFC-11)	ug/L	--	--	1,100,000	1,100,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Trifluorotrchloroethane (Freon 113)	ug/L	--	32	170,000	170,000	1 U	NA	NA	NA	NA	NA
Vinyl chloride	ug/L	33,000	13	13,000	2,760,000	1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
<b>SVOC</b>											
1,2,4-Trichlorobenzene	ug/L	--	99	300,000	300,000	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
1,2-Dichlorobenzene	ug/L	--	13	160,000	156,000	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,2-Diphenylhydrazine	ug/L	--	--	--	--	NA	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
1,3-Dichlorobenzene	ug/L	--	28	41,000	111,000	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
1,4-Dichlorobenzene	ug/L	--	17	74,000	73,800	NA	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/L	--	--	--	--	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2,4,5-Trichlorophenol	ug/L	--	--	--	1,200,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2,4,6-Trichlorophenol	ug/L	--	5	--	800,000	4.4 U	NA	4 U [4 U]	4 U	4 U [4 U]	4 U
2,4-Dichlorophenol	ug/L	--	11	--	4,500,000	11 U	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
2,4-Dimethylphenol	ug/L	--	380	--	7,870,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2,4-Dinitrophenol	ug/L	--	--	--	--	22 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
2,4-Dinitrotoluene	ug/L	--	--	--	270,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2,6-Dinitrotoluene	ug/L	--	--	--	--	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2-Chloronaphthalene	ug/L	--	--	--	6,740	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2-Chlorophenol	ug/L	--	18	1,100,000	22,000,000	5.6 U	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
2-Methylnaphthalene	ug/L	--	19	25,000	24,600	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
2-Methylphenol	ug/L	--	--	--	--	5.6 U	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
2-Nitroaniline	ug/L	--	--	--	--	22 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
2-Nitrophenol	ug/L	--	--	--	2,500,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
3&4-Methylphenol	ug/L	--	--	--	--	11 UJ	NA	20 U [20 U]	20 U	20 U [20 U]	20 U
3,3'-Dichlorobenzidine	ug/L	--	0.3	--	3,110	22 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
3-Nitroaniline	ug/L	--	--	--	--	22 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
4,6-Dinitro-2-methylphenol	ug/L	--	--	--	200,000	22 U	NA	20 U [20 U]	20 U	20 U [20 U]	20 U
4-Bromophenyl phenyl ether	ug/L	--	--	--	--	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
4-Chloro-3-methylphenol	ug/L	--	7.4	--	3,900,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
4-Chloroaniline	ug/L	--	--	--	--	22 U	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
4-Chlorophenyl phenyl ether	ug/L	--	--	--	--	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
4-Nitroaniline	ug/L	--	--	--	--	22 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
4-Nitrophenol	ug/L	--	--	--	--	22 U	NA	25 U [25 U]	25 U	25 U [25 U]	25 U
Acenaphthene	ug/L	--	38	4,200	4,240	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Acenaphthylene	ug/L	--	--	3,900	3,930	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Acetophenone	ug/L	--	--	6,100,000	6,100,000	5.6 U	NA	NA	NA	NA	NA
Anthracene	ug/L	--	--	43	43.4	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Atrazine	ug/L	--	7.3	--	70,000	5.6 U	NA	NA	NA	NA	NA
Benzaldehyde	ug/L	--	--	--	--	5.6 U	NA	NA	NA	NA	NA
Benzo(a)anthracene	ug/L	--	--	--	9.4	1.1 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Benzo(a)pyrene	ug/L	--	--	--	1.62	2.2 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Benzo(b)fluoranthene	ug/L	--	--	--	1.5	2.2 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Benzo(g,h,i)perylene	ug/L	--	--	--	0.26	5.6 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Benzo(k)fluoranthene	ug/L	--	--	--	0.8	5.6 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Biphenyl (1,1-Biphenyl)	ug/L	--	--	--	--	5.6 U	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ug/L	--	--	--	--	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U

Table 2 - Southwest Parcel Groundwater Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

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						10/01/01	10/01/01	02/14/17	02/14/17	09/12/17	09/13/17
bis(2-Chloroethyl)ether	ug/L	17,000,000	1	210,000	17,200,000	1.1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	--	14	--	340	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Butyl benzylphthalate (BBP)	ug/L	--	67	--	2,690	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Caprolactam	ug/L	--	--	--	5,250,000,000	11 U	NA	NA	NA	NA	NA
Carbazole	ug/L	--	10	--	7,480	11 U	NA	NA	NA	NA	NA
Chrysene	ug/L	--	--	--	1.6	5.6 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Dibenz(a,h)anthracene	ug/L	--	--	--	2.49	2.2 U	NA	2 U [2 U]	2 U	2 U [2 U]	2 U
Dibenzofuran	ug/L	--	4	10,000	10,000	4.4 U	NA	4 U [4 U]	4 U	4 U [4 U]	4 U
Diethyl phthalate	ug/L	--	110	--	1,080,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Dimethyl phthalate	ug/L	--	--	--	4,190,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Di-n-butylphthalate (DBP)	ug/L	--	9.7	--	11,200	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Di-n-octyl phthalate (DnOP)	ug/L	--	--	--	3,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Fluoranthene	ug/L	--	1.6	210	206	2.2 U	NA	1 U [1 U]	1 U	1 U [1 U]	1 U
Fluorene	ug/L	--	12	2,000	1,980	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Hexachlorobenzene	ug/L	--	0.2	3,000	6,200	1.1 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Hexachlorobutadiene	ug/L	--	0.053	3,200	3,230	5.6 U	NA	10 U [10 U]	10 U	10 U [10 U]	10 U
Hexachlorocyclopentadiene	ug/L	--	--	420	1,800	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Hexachloroethane	ug/L	--	6.7	50,000	50,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Indeno(1,2,3-cd)pyrene	ug/L	--	--	--	0.022	2.2 U	NA	2 U [2 U]	2 U	2 U [2 U]	2 U
Isophorone	ug/L	--	1,300	--	12,000,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Naphthalene	ug/L	--	11	31,000	31,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Nitrobenzene	ug/L	--	180	550,000	2,090,000	2.2 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
N-Nitrosodi-n-propylamine	ug/L	--	--	--	9,890,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
N-Nitrosodiphenylamine	ug/L	--	--	--	35,100	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Pentachlorophenol	ug/L	--	--	--	1,850,000	22 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Phenanthrene	ug/L	--	2	1,000	1,000	5.6 U	NA	2 U [2 U]	2 U	2 U [2 U]	2 U
Phenol	ug/L	--	450	--	82,800,000	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
Pyrene	ug/L	--	--	140	135	5.6 U	NA	5 U [5 U]	5 U	5 U [5 U]	5 U
<b>PCB</b>											
Aroclor-1016 (PCB-1016)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260)	ug/L	--	--	--	--	0.11 U	NA	NA	NA	NA	NA
<b>PCB-Dissolved</b>											
Aroclor-1016 (PCB-1016) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (dissolved)	ug/L	--	--	--	--	0.1 U	NA	NA	NA	NA	NA
<b>Inorganic</b>											
Antimony	mg/L	--	0.13	--	--	NA	0.0027 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Arsenic	mg/L	--	0.01	--	--	NA	0.004 J	0.003 [0.003]	0.002	0.009 [0.005]	0.118 (GSI)
Barium	mg/L	--	1.3	--	--	NA	0.11 J	0.175 [1.17]	0.516	0.126 [0.095]	2.2 (GSI)
Beryllium	mg/L	--	0.038	--	--	NA	0.0004 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.009
Cadmium	mg/L	--	0.0048	--	--	NA	0.0002 U	0.0005 U [0.0017]	0.004	0.0005 U [0.0005 U]	0.0207 (GSI)
Chromium	mg/L	--	0.17	--	--	NA	0.0033 J	0.013 [0.015]	0.018	0.011 [0.005 U]	0.357 (GSI)
Cobalt	mg/L	--	0.1	--	--	NA	0.00093 J	0.007 [0.031]	0.165 (GSI)	0.009 [0.006]	0.484 (GSI)
Copper	mg/L	--	0.022	--	--	NA	0.0043 J	0.021 [0.005]	0.01	0.012 [0.005]	0.449 (GSI)
Cyanide (total)	mg/L	--	0.0052	--	--	0.0035 J	0.004 J	0.005 Ux [0.005 Ux]	0.005 Ux	0.005 U [0.005 U]	0.006 (GSI)
Iron	mg/L	--	--	--	--	NA	NA	NA	6.79	NA	NA
Lead	mg/L	--	0.055	--	--	NA	0.00056 J	0.013 [0.004]	0.003 U	0.017 [0.007]	1 (GSI)
Manganese	mg/L	--	4.9	--	--	NA	0.039 J	0.681 [9.27 (GSI)]	20.6 (GSI)	1.3 [0.83 ]	45.2 (GSI)

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						10/01/01	10/01/01	02/14/17	02/14/17	09/12/17	09/13/17
Mercury	mg/L	--	0.000013	0.056	0.056	0.0002 U	0.0002 U	<b>0.0002 U [0.0013 (GSI)]</b>	<b>0.0012 (GSI)</b>	0.0002 U [0.0002 U]	<b>0.0015 (GSI)</b>
Nickel	mg/L	--	0.12	--	--	NA	0.015 J	0.024 [0.079]	<b>0.213 (GSI)</b>	0.013 [0.008]	<b>0.686 (GSI)</b>
Selenium	mg/L	--	0.005	--	--	NA	<b>0.039 J (GSI)</b>	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Silver	mg/L	--	0.0002	--	--	NA	0.00077 U	0.0005 U [0.0005 U]	0.0005 U	0.0005 U [0.0005 U]	<b>0.001 (GSI)</b>
Thallium	mg/L	--	0.0037	--	--	NA	0.000055 J	0.002 U [0.002 U]	0.002 U	0.002 U [0.002 U]	<b>0.005 (GSI)</b>
Vanadium	mg/L	--	0.027	--	--	NA	0.00029 J	0.014 [0.008 ]	0.006	0.013 [0.006]	<b>0.31 (GSI)</b>
Zinc	mg/L	--	0.28	--	--	NA	0.031 J	0.064 [0.042]	0.066	0.039 [0.024]	<b>1.25 (GSI)</b>
<b>Miscellaneous</b>											
Total suspended solids (TSS)	mg/L	--	--	--	--	NA	NA	443,000 [1,080,000]	10,400	712 [1,850]	24,000
<b>Inorganic-Dissolved</b>											
Antimony (dissolved)	mg/L	--	--	--	--	0.0012 U	NA	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Arsenic (dissolved)	mg/L	--	--	--	--	0.001 U	NA	0.002 U [0.002 U]	0.002 U	0.002 U [0.002 U]	0.002 U
Barium (dissolved)	mg/L	--	--	--	--	0.06	NA	0.121 [0.107]	0.067	0.08 [0.073]	0.045
Beryllium (dissolved)	mg/L	--	--	--	--	0.0004 U	NA	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U
Cadmium (dissolved)	mg/L	--	--	--	--	0.0002 U	NA	0.0005 U [0.0005 U]	0.0005 U	0.0005 U [0.0005 U]	0.0005 U
Chromium Total (dissolved)	mg/L	--	--	--	--	0.00075 U	NA	0.007 [0.006]	0.011	0.005 U [0.005 U]	0.005 U
Cobalt (dissolved)	mg/L	--	--	--	--	0.0003	NA	0.005 U [0.005 U]	0.012	0.005 U [0.005 U]	0.005 U
Copper (dissolved)	mg/L	--	--	--	--	0.0013 U	NA	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Cyanide (dissolved)	mg/L	--	--	--	--	0.0035 J	NA	NA	NA	NA	NA
Cyanide (total)	mg/L	--	0.0052	--	--	NA	NA	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005
Iron (dissolved)	mg/L	--	--	--	--	NA	NA	NA	0.993	NA	NA
Lead (dissolved)	mg/L	--	--	--	--	0.0004 U	NA	0.003 U [0.003 U]	0.003 U	0.003 U [0.003 U]	0.003 U
Manganese (dissolved)	mg/L	--	--	--	--	0.0092	NA	0.138 [0.075]	2.85	0.585 [0.545]	0.269
Mercury (dissolved)	mg/L	--	--	--	--	0.0002 U	NA	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U
Nickel (dissolved)	mg/L	--	--	--	--	0.006	NA	0.005 [0.005]	0.025	0.005 U [0.005 U]	0.005 U
Selenium (dissolved)	mg/L	--	--	--	--	0.019	NA	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Silver (dissolved)	mg/L	--	--	--	--	0.0004 U	NA	0.0005 U [0.0005 U]	0.0005 U	0.0005 U [0.0005 U]	0.0005 U
Thallium (dissolved)	mg/L	--	--	--	--	0.0002 U	NA	0.002 U [0.002 U]	0.002 U	0.002 U [0.002 U]	0.002 U
Vanadium (dissolved)	mg/L	--	--	--	--	0.0008 U	NA	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U
Zinc (dissolved)	mg/L	--	--	--	--	0.0081	NA	0.005 U [0.011]	0.005	0.006 [0.005 U]	0.005 U

**Notes:**

- FE - Flammability and Explosivity Level
- GSI - Groundwater/Surface Water Interface Criteria
- J - estimated value less than reporting limit, but greater than MDL
- NA - Not Analyzed
- ng/L - nanograms per liter
- NGVIIC - Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria
- U - Not Detected. Associated value is the reporting limit.
- WS - Water Solubility
- X- Elevated reporting limit due to matrix interference
- Bolded/Highlighted values exceed a criteria.

**Table 3 - Southwest Parcel Groundwater Levels  
RACER Trust, Buick City Site, Flint, Michigan**

Location	Ground Surface Elevation	Depth to Water*	Elevation
SB-FEP-1	739.36	9	730.36
SB-FEP-2	755.16	20.5	734.66
SB-FEP-3	750.05	DRY	--
SB-FEP-4	751.35	15.5	735.85
SB-FEP-5	752.82	24	728.82
SB-FEP-12	751.80	12.5	739.30
SB-FEP-13	753.14	15	738.14
SB-FEP-14	739.88	13	726.88
SB-FEP-15	739.38	13	726.38
SB-FEP-16	739.03	9.5	729.53
SB-FEP-17	739.78	2.5	737.28
SB-FEP-18	740.84	4	736.84
04-140	751.06	16.78	734.28
SB-FEP-24	739.57	6.31	733.26
SB-FEP-25	739.01	6.09	732.92
SB-FEP-26	744.48	7.88	736.60
SB-FEP-27	745.74	8.39	737.35

**Note:**

\*Depth to Water as noted on boring logs for SB-FEP-1 through SB-FEP-18.

# Attachment 1

Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	GW	29-Sep-95				Cyanide	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Barium	50	ug/L		50	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chromium	20	ug/L		20	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Copper	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Zinc	1230	ug/L		1200	Inorganic		Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Bromodichloromethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Bromoform	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Bromomethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Carbon Tetrachloride	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chlorobenzene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2-Chloroethylvinylether	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chloroform	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chloromethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Dibromochloromethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,2-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,3-Dichlorobenzene	1	ug/L	U	ND(1.0)	SVOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,4-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,1-Dichloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,2-Dichloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,1-Dichloroethene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				trans-1,2-Dichloroethene	1	ug/L	U	ND(1.0)	VOC	8260	156-60-5	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,2-Dichloropropane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				cis-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				trans-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Ethylbenzene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Methylene Chloride	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,1,2,2-Tetrachloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Tetrachloroethene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Toluene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,1,1-Trichloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,1,2-Trichloroethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Trichloroethene	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Trichlorofluoromethane	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Vinyl Chloride	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Xylenes (total)	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Xylenes (total)	1	ug/L	U	ND(1.0)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Acenaphthene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Acenaphthylene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Anthracene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzo(a)anthracene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzo(b)fluoranthene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzo(k)fluoranthene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzo(g,h,i)perylene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Benzo(a)pyrene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				bis(2-Chloroethoxy)methane	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				bis(2-chloroethyl)ether	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				bis(2-Chloroisopropyl)ether	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				bis(2-ethylhexyl)phthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				4-Bromophenyl-phenylether	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Butylbenzylphthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2-Chloronaphthalene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No

Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	GW	29-Sep-95				4-Chloro-3-Methylphenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2-Chlorophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				4-Chlorophenyl-phenylether	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Chrysene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Dibenzo(a,h)anthracene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Di-n-Butylphthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,2-Dichlorobenzene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,3-Dichlorobenzene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,4-Dichlorobenzene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				3,3'-Dichlorobenzidine	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2,4-Dichlorophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Diethylphthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Dimethylphthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				4,6-Dinitro-2-methylphenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2,4-Dinitrophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2,4-Dinitrotoluene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2,6-Dinitrotoluene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Di-n-Octylphthalate	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Fluoranthene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Fluorene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Hexachlorobenzene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Hexachlorobutadiene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Hexachlorocyclopentadiene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Hexachloroethane	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Indeno(1,2,3-cd)pyrene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Isophorone	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Naphthalene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Nitrobenzene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2-Nitrophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				4-Nitrophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				N-Nitroso-di-n-butylamine	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				N-Nitrosodimethylamine	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				N-Nitrosodiphenylamine	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				N-Nitroso-di-n-propylamine	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Pentachlorophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Phenanthrene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Phenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Pyrene	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				1,2,4-Trichlorobenzene	10	ug/L	U	ND(10)	VOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				2,4,6-Trichlorophenol	10	ug/L	U	ND(10)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	29-Sep-95				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	GW	29-Sep-95				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	Yes
04-140	Primary	Soil	29-Sep-95	0.25	0.75	feet	Arsenic	2.19	mg/Kg		2.2	Inorganic	6000/7000	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	0.25	0.75	feet	Barium	73.9	mg/Kg		74	Inorganic	6000/7000	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	0.25	0.75	feet	Cadmium	0.42	mg/Kg		0.42	Inorganic	6000/7000	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	0.25	0.75	feet	Chromium	4.1	mg/Kg		4.1	Inorganic	6000/7000	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	0.25	0.75	feet	Copper	16.7	mg/Kg		17	Inorganic	6000/7000	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No



Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	Soil	29-Sep-95	16	18	feet	Tetrachloroethene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Toluene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2,3-Trichlorobenzene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,1,1-Trichloroethane	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Trichloroethene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Trichlorofluoromethane	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2,3-Trichloropropane	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2,4-Trimethylbenzene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,3,5-Trimethylbenzene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Vinyl Chloride	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Xylenes (total)	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	cis-1,3-Dichloropropene	0.01	mg/Kg	U	ND(0.010)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Acenaphthene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Acenaphthylene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Acetophenone	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aniline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Anthracene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Aminobiphenyl	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzidine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzoic acid	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzo(a)anthracene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzo(b)fluoranthene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzo(k)fluoranthene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzo(g,h,i)perylene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzo(a)pyrene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Benzyl alcohol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	bis(2-chloroethyl)ether	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	bis(2-Chloroisopropyl)ether	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	bis(2-ethylhexyl)phthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Bromophenyl-phenylether	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Butylbenzylphthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Chloroaniline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1-Chloronaphthalene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Chloronaphthalene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Chloro-3-Methylphenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Chlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Chlorophenyl-phenylether	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Chrysene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	3&4-Methylphenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Methylphenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Dibenzo(a,h)anthracene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Dibenzofuran	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Di-n-Butylphthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2-Dichlorobenzene	0.3	mg/Kg	U	ND(0.30)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,3-Dichlorobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,4-Dichlorobenzene	0.3	mg/Kg	U	ND(0.30)	VOC	8260	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	3,3'-Dichlorobenzidine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4-Dichlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,6-Dichlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Diethylphthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	p-Dimethylaminoazobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	7,12-Dimethylbenz(a)anthracene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	a,a'-Dimethylphenethylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4-Dimethylphenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Dimethylphthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4,6-Dinitro-2-methylphenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4-Dinitrophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4-Dinitrotoluene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No

Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,6-Dinitrotoluene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Diphenylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2-Diphenylhydrazine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Di-n-Octylphthalate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Ethyl methanesulfonate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Fluoranthene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Fluorene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Hexachlorobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Hexachlorobutadiene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Hexachloroethane	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Indeno(1,2,3-cd)pyrene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Isophorone	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	3-Methylcholanthrene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Methyl methanesulfonate	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Naphthalene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1-Naphthylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Methylnaphthalene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Nitroaniline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	3-Nitroaniline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Nitroaniline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Nitrobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Nitrophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	4-Nitrophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	N-Nitroso-di-n-butylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	N-Nitrosodimethylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	N-Nitrosodiphenylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	N-Nitrosopiperidine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Pentachlorobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Pentachloronitrobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Pentachlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Phenacetin	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Phenanthrene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Phenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2-Picoline	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Pronamide	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Pyrene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2,4,5-Tetrachlorobenzene	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,3,4,6-Tetrachlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	1,2,4-Trichlorobenzene	0.3	mg/Kg	U	ND(0.30)	VOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4,5-Trichlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	2,4,6-Trichlorophenol	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	N-Nitroso-di-n-propylamine	0.3	mg/Kg	U	ND(0.30)	SVOC	8270	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1016	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1242	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1221	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1232	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1248	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1254	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	Soil	29-Sep-95	16	18	feet	Aroclor-1260	0.33	mg/Kg	U	ND(0.33)	PCB	8082	Auto Assigned	Fenceline	FECL	EnecoTech	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Bromodichloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Bromoform	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Bromomethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Carbon Tetrachloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Chlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Chloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				2-Chloroethylvinylether	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Chloroform	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Chloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Dibromochloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No





Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	GW	03-Feb-99				1,2-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,3-Dichlorobenzene	1	ug/L	U	ND(1.0)	SVOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,4-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Dichlorodifluoromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,1-Dichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,2-Dichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,1-Dichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				cis-1,2-Dichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				trans-1,2-Dichloroethene	1	ug/L	U	ND(1.0)	VOC	156-60-5	Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,2-Dichloropropane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				cis-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				trans-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Methylene Chloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,1,2,2-Tetrachloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Tetrachloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,1,1-Trichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				1,1,2-Trichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Trichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Trichlorofluoromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Vinyl Chloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Bromodichloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Bromoform	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Bromomethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Carbon Tetrachloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Chlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Chloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				2-Chloroethylvinylether	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Chloroform	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Chloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Dibromochloromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,2-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,3-Dichlorobenzene	1	ug/L	U	ND(1.0)	SVOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,4-Dichlorobenzene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Dichlorodifluoromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,1-Dichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,2-Dichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,1-Dichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				cis-1,2-Dichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				trans-1,2-Dichloroethene	1	ug/L	U	ND(1.0)	VOC	156-60-5	Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,2-Dichloropropane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				cis-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				trans-1,3-Dichloropropene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Methylene Chloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,1,2,2-Tetrachloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Tetrachloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,1,1-Trichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				1,1,2-Trichloroethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Trichloroethene	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Trichlorofluoromethane	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Vinyl Chloride	1	ug/L	U	ND(1.0)	VOC		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Barium	70	ug/L	U	70	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Chromium	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Copper	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No

Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	GW	10-Feb-97				Zinc	10	ug/L		10	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Barium	80	ug/L		80	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Chromium	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Copper	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Zinc	110	ug/L		110	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Barium	50	ug/L		50	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Chromium	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Copper	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-98				Zinc	40	ug/L		40	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Barium	60	ug/L		60	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Chromium	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Copper	10	ug/L		10	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Zinc	20	ug/L		20	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Arsenic	1	ug/L	U	ND(1.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Barium	60	ug/L		60	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Cadmium	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Chromium	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Copper	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Lead	3	ug/L	U	ND(3.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Mercury	0.2	ug/L	U	ND(0.20)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Selenium	5	ug/L	U	ND(5.0)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Silver	0.5	ug/L	U	ND(0.50)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Zinc	10	ug/L	U	ND(10)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Arsenic	3.5	ug/L	*	3.5 *	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Barium	51.9	ug/L		52	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Cadmium	0.36	ug/L	U	ND(0.36)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Chromium	1	ug/L	*	1.0 *	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Copper	1.7	ug/L	*	1.7 *	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Lead	1.6	ug/L	U	ND(1.6)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Mercury	0.04	ug/L	U	ND(0.040)	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Selenium	8.6	ug/L		8.6	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Silver	4.9	ug/L	*	4.9 *	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Zinc	5.9	ug/L		5.9	Inorganic		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	10-Feb-97				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No

Attachment 1 - Historic Data - Monitoring Well 04-140 Data Summary  
RACER Trust, Buick City Site, Flint, Michigan

FieldSampleID	SampleType	Matrix	DateCollected	StartDepth	EndDepth	DepthUnits	Analyte	Result	Result Units	LabFlags	Text Result	COCType	EPA Method	CAS No	Program	LabName	CollectedBy	GISID	Filtered?
04-140	Primary	GW	06-Aug-97				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	06-Aug-97				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	17-Mar-98				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Aug-98				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1016	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1221	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1232	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1248	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1254	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1260	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	03-Feb-99				Aroclor-1242	0.1	ug/L	U	ND(0.10)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1016	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1221	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1232	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1248	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1254	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1260	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No
04-140	Primary	GW	05-Aug-99				Aroclor-1242	0.11	ug/L	U	ND(0.11)	PCB		Auto Assigned	Semi-Annual	FECL	ATC	FL-04-140	No

# Attachment 2

Project Name: GM-NAO FLINT OPERATIONS  
 Project Number: 041057F001  
 Location: T.7N R.7E 7  
           T R SEC QTR QTR  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_  
 Ground Surface Elev.: 751.82  
 Property Owner/Contact: GENERAL MOTORS

Date(s) Drilled: 9/29/95  
 Logged By: DARRYL BARRICKLOW  
 Contractor: SOMAT ENGINEERING  
 Drill Rig/Method: HOLLOW STEM AUGER  
 Sampling Method: SPLIT SPOON  
 Borehole Diam.: 8" Drilling Fluid: NONE  
 Depth to Water: 17.67 Total Depth: 22.0'  
 Application: MONITORING WELL INSTALLATION

Depth (ft)	Lithology	Samples	Color	Org. Vapor (ppm)	Sample ID	Recovery %	USCS Code	Lithologic Description
0.0-0.5'			5YR 4/4	ND	S-1	100	OL	0.0-0.5': SOD.
0.5-2.0'			5YR 4/4	ND	S-2	100	SP	0.5-2.0': SAND WITH SOME GRAVEL, BROWN, DRY, FILL.
2.0-3.25'			5YR 4/4	ND	S-3	100	SC	2.0-3.25': SAND WITH SOME CLAY AND GRAVEL, BROWN, DRY.
3.25-8.0'			5YR 4/4	ND	S-4	60	SP	3.25-8.0': SAND, LIGHT BROWN, DRY, FINE GRAINED.
8.0-9.0'			5YR 4/4	ND	S-5	100	SC	8.0-9.0': SAND WITH SOME CLAY AND SILT, ORANGE/BROWN, SLIGHTLY MOIST.
9.0-13.7'			5YR 4/4	ND	S-6	100	SM	9.0-13.7': SAND AND SILT, BROWN, SLIGHTLY MOIST TO DRY, FINE GRAINED.
13.7-14.0'			5YR 4/4	ND	S-7	100	MH	13.7-14.0': SILT WITH SOME CLAY, BROWN, MOIST TO WET.
14.0-18.2'			5YR 4/4	ND	S-8	100	SM	14.0-18.2': SAND AND SILT, BROWN, SLIGHTLY MOIST, FINE GRAINED.
18.2-18.6'			N5	ND	S-9	100	SM	18.2-18.6': SAND AND SILT, BROWN, SLIGHTLY MOIST, FINE GRAINED. WET AT 17.0'.
18.6-18.8'			N5	ND	S-10	100	CL	18.6-18.8': CLAY WITH SOME SILT, BROWN, SLIGHTLY MOIST, SOFT.
18.8-22.0'			N5	ND	S-11	100	CL	18.8-22.0': S.A.A.: GRAY, TRACE SILT, SOFT TO MEDIUM STIFFNESS.
TOTAL DEPTH DRILLED = 22.0 FEET WELL SET FROM 15.0 TO 22.0'. GROUNDWATER SAMPLE COLLECTED FROM 16.0-21.0'.								

Comments: COLOR CODE- GEOLOGICAL SOCIETY OF AMERICA ROCK COLOR CHART

<b>Date Start/Finish:</b> 8/29/02 <b>Drilling Company:</b> Rau Drilling <b>Driller's Name:</b> Greg Compeau <b>Drilling Method:</b> Hand Auger <b>Sampler Size:</b> NA <b>Auger Size:</b> 4 1/4" ID <b>Rig Type:</b> NA	<b>Northing:</b> 560343.49 <b>Easting:</b> 13304202.51 <b>Casing Elevation:</b> NA  <b>Borehole Depth:</b> 2.0' bgs <b>Surface Elevation:</b> 749.18 ft. AMSL  <b>Descriptions By:</b> SM Duly	<b>Boring ID:</b> RFI-BG-01  <b>Client:</b> General Motors  <b>Location:</b> GM Flint Flint, Michigan
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows / 6 Inches	N - Value	Recovery (feet)	PID Headspace (ppm)	Oil/Water Shake Test	USCS Code	Geologic Column	Stratigraphic Description	Hydrostratigraphy	Boring Construction
750													
0		1	0-2	NA	NA	NA	0.0	-	ML		Gray-brown (10YR 5/2) SILT (ML), little to some Clay, few fine to coarse subrounded well graded Sand, trace fine rounded Gravel, Organic matter such as Roots present, aplastic, no odor, dense, dry. Topsoil.	↑ SILT ↓	Borehole backfilled to grade.
745													
5													
740													
10													
735													
15													

	<b>Remarks:</b> bgs = below ground surface; NA = Not Applicable/Available.	<b>Water Level Data</b>										
		<table border="1"> <thead> <tr> <th>Date</th> <th>Depth</th> <th>Elev.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date	Depth	Elev.							
Date	Depth	Elev.										

**Date Start:** 2/13/17  
**Date Finish:** 2/13/17  
**Drilling Company:** Cascade  
**Driller's Name:** Kendall Schultz  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 9.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 15.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-1  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Sunny, 28°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.5') CONCRETE.		
1.3								(0.5 - 1.0') CLAY, high plasticity, no dilatancy; little granules, subangular; trace medium to coarse sand, subrounded to subangular; moist; soft; very dark grayish brown (10YR 3/2).		
0.7								(1.0 - 6.0') SAND, fine; some clay; trace granules to large pebbles, subangular; poorly sorted; moist; brown (10YR 5/3).		
0.4		1	0.0-6.0	6.0				Note: Transition to grayish brown (10YR 5/2) at 4.0' bgs.		
0.3										
0.7										
0.3										
13.8								(6.0 - 9.0') SAND, fine to medium, subrounded to subangular; little to some clay; trace granules to small pebbles, subangular; poorly sorted; moist; grayish brown (10YR 5/2).		
30.0		2	6.0-10.0	2.9						
29.9								(9.0 - 10.0') SILT, low plasticity, rapid dilatancy; and fine SAND; little clay; well sorted; wet; soft; gray (10YR 5/1).		
11.5								Note: Wet at 9.0' bgs.	9.0	Backfilled with bentonite.
2.5								(10.0 - 15.0') CLAY, high plasticity, slow dilatancy; trace granules, subangular; trace to little silt; medium stiff; moist; gray (10YR 5/1).		
1.4										
1.6		3	10.0-15.0	5.0						
0.8										
0.4										
15	15							End of boring 15.0' bgs.		




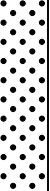



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 9.0' bgs.  
  
 Temporary well screened from 8.0 to 13.0' bgs.

**Date Start:** 2/9/17  
**Date Finish:** 2/9/17  
**Drilling Company:** Cascade  
**Driller's Name:** Mike Patrick  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 20.5  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Eastings:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 30.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-2  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Overcast, 18°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0									
		1	0.0-6.0	6.0				(0.0 - 1.5') SAND, fine to medium, subrounded to subangular; some small to medium pebbles, subangular; trace silt; poorly sorted; dry; very dark gray (10YR 3/1). (1.5 - 3.0') CLAY, high plasticity, no dilatancy; little fine to medium sand, subrounded to subangular; little granules to small pebbles, subangular; dry to moist; medium stiff; brown (10YR 4/3).		
					0.1			(3.0 - 10.5') CLAY, low plasticity, no dilatancy; and SAND, fine to medium, subrounded to subangular; some granules to small pebbles, subrounded to subangular; poorly sorted; dry; medium stiff; brown (10YR 4/3).		
5	-5									
		2	6.0-10.0	3.3						
					16.4					
					29.3					
					6.0					
10	-10									
		3	10.0-15.0	3.0				(10.5 - 14.0') SAND, fine; little granules to small pebbles, subrounded; trace silt; poorly sorted; dry to moist; pale brown (10YR 6/3).		
					10.1					
					8.0					
					0.5					
					10.1					
					11.1					
					0.8					
					1.4					
15	-15									
					0.8					
					7.9					
		4	15.0-20.0	5.0				(15.0 - 22.0') SAND, fine to medium, subrounded to subangular; trace silt; well sorted; moist to wet; pale brown (10YR 6/3).		Backfilled with bentonite.
					0.5					

**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 20.5' bgs.



**Date Start:** 2/9/17  
**Date Finish:** 2/9/17  
**Drilling Company:** Cascade  
**Driller's Name:** Mike Patrick  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 20.5  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 30.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-2  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Overcast, 18°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
20	-20				0.0			Note: Wet at 20.5' bgs.	▼	
		5	20.0-25.0	5.0	0.0			(22.0 - 24.0') SAND, fine; trace silt; well sorted; wet; gray (10YR 6/1).		
					0.0			(24.0 - 30.0') CLAY, high plasticity; slow dilatancy; little silt; trace granules to small pebbles, subangular; medium stiff; moist; gray (10YR 6/1).		
25	-25				0.0					
		6	25.0-30.0	5.0	0.0					
					0.0					
30	-30				0.0			End of boring 30.0' bgs.		
					0.0					
35	-35				0.0					



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 20.5' bgs.

<b>Date Start:</b> 2/8/17 <b>Date Finish:</b> 2/8/17 <b>Drilling Company:</b> Cascade <b>Driller's Name:</b> Mike Patrick <b>Drilling Method:</b> Sonic <b>Sampling Method:</b> five foot core barrel <b>Rig Type:</b> Sonic <b>Water Level Start (ft. bgs.):</b> NA <b>Water Level Finish (ft. btoc.):</b> NA	<b>Northing:</b> NA <b>Easting:</b> NA <b>Casing Elevation:</b> NA  <b>Borehole Depth (ft. bgs.):</b> 25.0 <b>Surface Elevation:</b> NA  <b>Descriptions By:</b> Angela DeGrandis	<b>Well/Boring ID:</b> SB-FEP-3  <b>Client:</b> RACER Trust  <b>Location:</b> RACER Buick City Flint, MI  <b>Weather Conditions:</b> Overcast, 20°F
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DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.2') Asphalt.		
0.0		1	0.0-6.0	6.0				(0.2 - 1.0') SAND, fine to medium, subrounded to subangular; some small to medium pebbles, subangular; trace silt; poorly sorted; dry to moist; very dark gray (10YR 3/1).		
0.0								(1.0 - 4.5') CLAY, high plasticity, no dilatancy; little fine sand; trace small to medium pebbles, subrounded to subangular; moist; medium stiff; brown (10YR 4/3).		
0.0								(4.5 - 6.5') SAND, fine to medium, subrounded to subangular; trace small pebbles, subrounded; well sorted; moist; dark yellowish brown (10YR 4/4).		
0.4								(6.5 - 7.5') CLAY, high plasticity, no to slow dilatancy; trace small to medium pebbles, subrounded; moist; medium stiff; dark yellowish brown (10YR 4/4).		
3.3		2	6.0-10.0	4.0				(7.5 - 8.5') SAND, very fine to fine; some silt; trace small pebbles, subrounded to subangular; trace medium sand, subrounded to subangular; poorly sorted; moist; dark yellowish brown (10YR 4/4).		
5.4								(8.5 - 13.0') SAND, fine, subrounded to subangular; trace silt; well sorted; moist; pale brown (10YR 6/3).		
40.2										
9.4		3	10.0-15.0	4.2						
17.1										
10.9										
0.2								(13.0 - 14.0') SAND, very fine to fine; and SILT, slow dilatancy, no plasticity; well sorted; moist; dense; pale brown (10YR 6/3).		
25.0								(14.0 - 16.0') SAND, fine to medium, subrounded to subangular; little silt; trace small pebbles, subrounded; poorly sorted; moist; pale brown (10YR 6/3).		
5.0										
0.3								(16.0 - 17.0') SAND, very fine to fine; and SILT, slow dilatancy, no plasticity; well sorted; moist; dense; pale brown (10YR 6/3).		
0.0		4	15.0-20.0	5.0				(17.0 - 23.5') CLAY, high plasticity, slow dilatancy; little silt; trace medium sand, subrounded; medium stiff; moist; gray (10YR 6/1).		
0.0										


Backfilled with bentonite.

**Remarks:** bgs = below ground surface  
btoc = below top of casing  
NA = not applicable  
Hand auger to 6.0' bgs.  
Groundwater not encountered.



<b>Date Start:</b> 2/8/17 <b>Date Finish:</b> 2/8/17 <b>Drilling Company:</b> Cascade <b>Driller's Name:</b> Mike Patrick <b>Drilling Method:</b> Sonic <b>Sampling Method:</b> five foot core barrel <b>Rig Type:</b> Sonic <b>Water Level Start (ft. bgs.):</b> NA <b>Water Level Finish (ft. btoc.):</b> NA	<b>Northing:</b> NA <b>Easting:</b> NA <b>Casing Elevation:</b> NA  <b>Borehole Depth (ft. bgs.):</b> 25.0 <b>Surface Elevation:</b> NA  <b>Descriptions By:</b> Angela DeGrandis	<b>Well/Boring ID:</b> SB-FEP-3  <b>Client:</b> RACER Trust  <b>Location:</b> RACER Buick City Flint, MI  <b>Weather Conditions:</b> Overcast, 20°F
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DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
20	-20	5	20.0-25.0	5.0	0.0					
					0.0					
					0.0					
					0.0					
					0.0					
					0.0					
25	-25				0.0			(23.5 - 25.0') CLAY and SILT, low to medium plasticity, slow dilatancy; little granules to medium pebbles, subrounded to subangular; trace medium sand, subrounded; medium stiff to stiff; moist; dark gray (10YR 4/1).		
					0.0			End of boring 25.0' bgs.		
30	-30									
35	-35									

	<b>Remarks:</b> bgs = below ground surface btoc = below top of casing NA = not applicable Hand auger to 6.0' bgs. Groundwater not encountered.
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**Date Start:** 2/13/17  
**Date Finish:** 2/13/17  
**Drilling Company:** Cascade  
**Driller's Name:** Kendal Schultz  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 15.5  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
**Borehole Depth (ft. bgs.):** 20.0  
**Surface Elevation:** NA  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-4  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
**Weather Conditions:** Sunny, 40°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0									
		1	0.0-6.0	6.0	3.4		(0.0 - 2.0') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; trace clay; poorly sorted; moist; very dark gray (10YR 3/1).			Backfilled with bentonite.
					0.0		(2.0 - 9.0') SAND, fine; some silt; trace to little granules to small pebbles, subangular; poorly sorted; dry; pale brown (10YR 6/3).			
					1.3					
					0.0					
					0.0					
					14.2					
		2	6.0-10.0	3.0	9.2					
					1.5					
					1.9					
					4.8		(9.0 - 14.0') SAND, fine; little silt; well sorted; dry to moist; pale brown (10YR 6/3).			
					26.5					
		3	10.0-15.0	4.2	6.3					
					7.5					
					5.1					
					8.1		(14.0 - 16.0') SAND, very fine to fine; and SILT, no plasticity, no dilatancy; trace granules, subangular; poorly sorted; moist; brown (10YR 5/3).			
					11.0		Note: Wet at 15.5' bgs.			
					6.3		(16.0 - 18.0') SAND, fine to medium, subrounded to subangular; well sorted; wet; brown (10YR 5/3).			
		4	15.0-20.0	5.0	3.3					
					1.8		(18.0 - 20.0') CLAY, high plasticity, slow dilatancy; little silt; trace granules, subangular; medium stiff to stiff; moist; gray (10YR 6/1).			
					8.1					
20	20						End of boring 20.0' bgs.			



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 15.5' bgs.  
 Temporary well screened from 15.0' to 20.0' bgs.

**Date Start:** 2/13/17  
**Date Finish:** 2/14/17  
**Drilling Company:** Cascade  
**Driller's Name:** Kendal Schultz  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 24.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 25.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-5  
**Client:** RACER Trust  
  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Sunny, 40°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0									
		1	0.0-6.0	6.0				(0.0 - 4.5') SAND, fine to medium, subrounded to subangular; little granules to small pebbles, subrounded to subangular; trace clay; poorly sorted; moist; very dark gray (10YR 3/1).		
5	-5							(4.5 - 18.0') SAND, fine to medium, subrounded to subangular; little granules to medium pebbles, subrounded to subangular; trace to little silt; poorly sorted; dry to moist; pale brown (10YR 6/3).		
		2	6.0-10.0	2.0						
10	-10									
		3	10.0-15.0	2.6						
15	-15									
		4	15.0-20.0	3.3						
								(18.0 - 21.0') SAND, fine; well sorted; moist; pale brown (10YR 6/3).		



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 24.0' bgs.

**Date Start:** 2/13/17  
**Date Finish:** 2/14/17  
**Drilling Company:** Cascade  
**Driller's Name:** Kendal Schultz  
**Drilling Method:** Sonic  
**Sampling Method:** five foot core barrel  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 24.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 25.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Angela DeGrandis

**Well/Boring ID:** SB-FEP-5  
**Client:** RACER Trust  
  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Sunny, 40°F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
20	-20				0.3					
		5	20.0-25.0	3.0	0.3			(21.0 - 25.0') SAND, fine to medium, subrounded to subangular; trace granules to small pebbles, subrounded; trace silt; poorly sorted; moist to wet; pale brown (10YR 6/3).  Note: Wet at 24.0' bgs.		
					3.1					
					0.7					
					1.2					
					0.9					
25	-25							End of boring 25.0' bgs.		
30	-30									
35	-35									



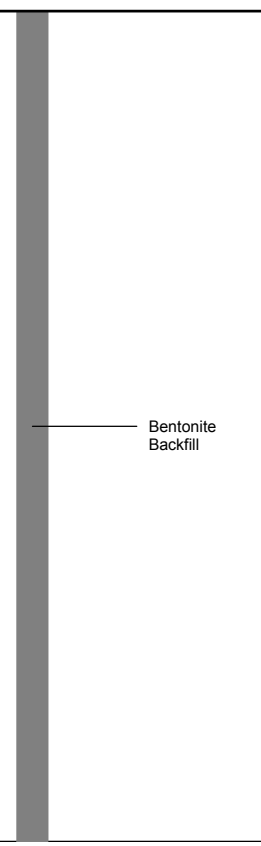
**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 6.0' bgs.  
 Groundwater observed at 24.0' bgs.

**Date Start:** 9/11/2017  
**Date Finish:** 9/11/2017  
**Drilling Company:** Cascade  
**Driller's Name:** Dave S.  
**Drilling Method:** Sonic  
**Sampling Method:** Continuous  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 12.5  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 15.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Ashley Reibel

**Well/Boring ID:** SB-FEP-12  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Sunny, 60 F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.5') TOPSOIL/GRASS. Note: Roots throughout.		
		1	0.0-5.0	5.0	62.7		↓ ↓ ↓	(0.5 - 6.0') SILT, non-plastic, rapid dilatancy; stiff; dry; yellowish brown (10YR 5/4).		
					0.7					
					14.6					
					37.9					
					6.1					
5	-5				1.7			(6.0 - 8.5') SAND, very fine to fine; little silt; trace pebbles, small to large, subangular to subrounded; poorly sorted; dry; yellowish brown (10YR 5/4).		
		2	5.0-10.0	5.0	0.1					
					0.2					
					1.4			(8.5 - 10.0') SILT, non-plastic, rapid dilatancy; stiff; dry; yellowish brown (10YR 5/4).		
					1.6					
10	-10				NA			(10.0 - 12.5') SAND, very fine to fine; little silt; trace small pebbles, subrounded; poorly sorted; moist; yellowish brown (10YR 5/4).		
					NA					
		3	10.0-15.0	NA	NA			(12.5 - 15.0') SILT, non-plastic, rapid dilatancy; very soft; wet; yellowish brown (10YR 6/4).		
					NA					
					NA					
15	-15							End of boring at 15.0' bgs		
20	-20									



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 5.0' bgs.  
 Groundwater encountered at 12.5' bgs.

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 02/26/2020 Logger: M. Olender  
 Project Number: 30043300 Date Completed: 02/26/2020 Editor: C. Cisco  
 Project Location: Flint, MI Weather Conditions: 30°F, Snowy

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
			6	SB-FEP-12A (0-0.5)			(0.0-0.5') TOPSOIL/GRASS; and SAND, fine to medium; moist; very dark brown (10YR 2/2). Note: Root fragments present. End of boring at 0.5' bgs.	Backfilled with Bentonite (0.0-0.5' bgs).	
1					0.0				
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: Hand Auger  
 Driller: Dave Gordon Sampling Interval: Continuous  
 Drilling Method: Hand Auger Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: bgs = below ground surface; NA = not applicable; Converted to Well:  Yes  No  
btoc = below top of casing; ft = feet; NM= not measured Surface Elev.: NA  
 North Coord: 561089.6  
 East Coord: 13304203.8

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 12/04/2019 Logger: C. Cisco  
 Project Number: 30043300 Date Completed: 12/04/2019 Editor: C. Cisco  
 Project Location: Flint, MI Weather Conditions: 30°F, Cloudy, Windy

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1				SB-FEP-12R(0-0.5)	0.0	(0.0-0.5') TOPSOIL; Grass.	Backfilled with Bentonite (0.0-4.0' bgs).		
2		48			0.0	(0.5-4.0') SAND, fine to medium, subangular to subround; some granules, subangular to subround; some pebbles, small to medium, subangular to subround; poorly sorted; dry; brown (10YR 4/3).			
3				SB-FEP-12R(2-4)	0.0	Note: Trace small glass fragments and trace clay, nonplastic from 3.0-4.0' bgs.			
4					0.0	Note: Thick tree roots present at 3.5' bgs. End of boring at 4.0' bgs.			
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: Core Barrel  
 Driller: Russ Gordon Sampling Interval: Continuous  
 Drilling Method: Hand Auger / Sonic Drilling Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: Hand augered to 4.0' bgs. Converted to Well:  Yes  No  
bgs = below ground surface; NA = not applicable; Surface Elev.: 753.8  
btoc = below top of casing; ft = feet; NM= not measured. North Coord.: 561102.9  
 East Coord.: 13304222.3

**Date Start:** 9/11/2017  
**Date Finish:** 9/11/2017  
**Drilling Company:** Cascade  
**Driller's Name:** Dave S.  
**Drilling Method:** Sonic  
**Sampling Method:** Continuous  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 15.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 20.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Ashley Reibel

**Well/Boring ID:** SB-FEP-13  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Sunny, 60 F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.2') TOPSOIL/GRASS.		
		1	0.0-5.0	5.0	8.2			(0.2 - 6.0') SAND, fine; some silt; little small to medium pebbles, angular to subrounded; poorly sorted; dry; yellowish brown (10YR 5/6).		Bentonite Backfill
					6.7			Note: Trace pebbles from 3-4' bgs.		
					0.4			Note: Little to some pebbles from 5-6' bgs.		
					0.7					
5	-5	2	5.0-10.0	4.1	0.1			(6.0 - 8.0') CLAY, some silt, low plasticity, slow dilatancy; dry; very stiff; brownish yellow (10YR 6/4).		
					0.0					
					0.1			(8.0 - 9.5') SAND, very fine to fine; some silt; poorly sorted; yellowish brown (10YR 5/6).		
					0.0			(9.5 - 10.0') CLAY, low plasticity, slow dilatancy; little small to medium pebbles, subrounded; trace fine sand; very stiff; dark yellowish brown (10YR 3/6).		
10	-10	3	10.0-15.0	5.0	0.0			(10.0 - 19.0') SILT, non-plastic, rapid dilatancy; dry to wet; yellowish brown (10YR 5/6).		
					0.0					
					0.0			Note: Wet at 15.0' bgs.		
		4	15.0-20.0	5.0	0.0			(19.0 - 20.0') CLAY, high plasticity, no dilatancy; very soft; gray (10YR 5/1).		
					0.0					
20	-20				0.0			End of boring at 20.0' bgs		

**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 5.0' bgs.  
 Groundwater encountered at 15.0' bgs.



**Date Start:** 9/13/2017  
**Date Finish:** 9/13/2017  
**Drilling Company:** Cascade  
**Driller's Name:** Dave S.  
**Drilling Method:** Sonic  
**Sampling Method:** Continuous  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 13.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 15.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Ashley Reibel

**Well/Boring ID:** SB-FEP-14  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Cloudy, 70 F


DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.3') CONCRETE.		
		1	0.0-5.0	5.0	0.0			(0.3 - 12.0') SAND, very fine to fine; well sorted; dry; yellowish brown (10YR 5/6).		
5	-5				0.0					
		2	5.0-10.0	4.1	1.0					
					0.2					
					0.1					
					0.3					
10	-10				0.0					
		3	10.0-15.0	5.0	0.0			(12.0 - 13.0') CLAY, some silt, high plasticity, slow dilatancy; soft; gray; moist to wet; (10YR 5/1). Note: Staining and faint odor.		
					0.8			(13.0 - 15.0') CLAY, high plasticity, no dilatancy; stiff; gray (10YR 5/1). Note: Wet at 13.0' bgs; sand seam at 14.0' bgs.		
					0.0					
					0.0					
15	-15				0.0			End of boring at 15.0' bgs		
20	-20									

**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 5.0' bgs.  
 Groundwater encountered at 13.0' bgs.



<b>Date Start:</b> 9/13/2017 <b>Date Finish:</b> 9/13/2017 <b>Drilling Company:</b> Cascade <b>Driller's Name:</b> Dave S. <b>Drilling Method:</b> Sonic <b>Sampling Method:</b> Continuous <b>Rig Type:</b> Sonic <b>Water Level Start (ft. bgs.):</b> 13.0 <b>Water Level Finish (ft. btoc.):</b> NA	<b>Northing:</b> NA <b>Easting:</b> NA <b>Casing Elevation:</b> NA  <b>Borehole Depth (ft. bgs.):</b> 15.0 <b>Surface Elevation:</b> NA  <b>Descriptions By:</b> Ashley Reibel	<b>Well/Boring ID:</b> SB-FEP-15  <b>Client:</b> RACER Trust  <b>Location:</b> RACER Buick City Flint, MI  <b>Weather Conditions:</b> Partly Cloudy, 75 F
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DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.3') ASPHALT.		
		1	0.0-5.0	5.0	0.1		(0.3 - 15.0') SAND, very fine to fine; well sorted; dry to wet; yellowish brown (10YR 5/6). Note: Trace small pebbles, subrounded, from 1-2' bgs.			
		2	5.0-10.0	3.8	0.0		Note: Trace small to large pebbles from 5-10' bgs.			Bentonite Backfill
5	-5				0.0		Note: Little coarse to very coarse sand from 10-15' bgs.			
		3	10.0-15.0	2.8	0.0		Note: Wet at 13.0' bgs.			
10	-10				0.0					
15	-15				0.0		End of boring at 15.0' bgs			
20	-20				0.0					

	<b>Remarks:</b> bgs = below ground surface btoc = below top of casing NA = not applicable Hand auger to 5.0' bgs. Groundwater encountered at 13.0' bgs. Temp well screened 10.0-15.0' bgs.
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**Date Start:** 9/13/2017  
**Date Finish:** 9/13/2017  
**Drilling Company:** Cascade  
**Driller's Name:** Dave S.  
**Drilling Method:** Sonic  
**Sampling Method:** Continuous  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 9.5  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 10.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Ashley Reibel

**Well/Boring ID:** SB-FEP-16  
**Client:** RACER Trust  
  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Partly Cloudy, 60's F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.3') CONCRETE.		
0.3		1	0.0-5.0	5.0				(0.3 - 4.0') SILT, some fine sand; dry; brown (10YR 5/3). FILL. Note: Roots and pieces of concrete from 0-1' bgs.		
1.4								(4.0 - 5.0') SAND, very fine to fine; well sorted; dry; light yellowish brown (10YR 6/4). FILL.		
1.5								(5.0 - 5.2') CONCRETE.		
5.0	-5							(5.2 - 7.0') SAND, very fine to fine; well sorted; dry to moist; light yellowish brown (10YR 6/4).		Bentonite Backfill
7.0		2	5.0-10.0	NA				(7.0 - 9.5') CLAY, high plasticity, slow dilatancy; stiff; moist; gray (10YR 5/1).		
9.5								(9.5 - 10.0') SILT, nonplastic, rapid dilatancy; trace sand, wet; very soft; gray (10YR 5/1). Note: Wet at 9.5' bgs.	9.5	
10.0	-10							End of boring at 10.0' bgs		
15	-15									
20	-20									

**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 5.0' bgs.  
 Groundwater encountered at 9.5' bgs.





**Date Start:** 9/13/2017  
**Date Finish:** 9/13/2017  
**Drilling Company:** Cascade  
**Driller's Name:** Dave S.  
**Drilling Method:** Sonic  
**Sampling Method:** Continuous  
**Rig Type:** Sonic  
**Water Level Start (ft. bgs.):** 4.0  
**Water Level Finish (ft. btoc.):** NA

**Northing:** NA  
**Easting:** NA  
**Casing Elevation:** NA  
  
**Borehole Depth (ft. bgs.):** 10.0  
**Surface Elevation:** NA  
  
**Descriptions By:** Ashley Reibel

**Well/Boring ID:** SB-FEP-18  
**Client:** RACER Trust  
**Location:** RACER Buick City  
 Flint, MI  
  
**Weather Conditions:** Partly Cloudy, 60 F

DEPTH (feet bgs.)	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Water Level (ft. bgs.)	Well/Boring Construction
0	0							(0.0 - 0.3') ASPHALT.		
0.1								(0.3 - 2.0') SILT, little fine sand; trace clay; dry to moist; soft; yellowish brown (10YR 5/6).		
0.3		1	0.0-5.0	5.0				(2.0 - 10.0') SAND, very fine to fine; trace clay; trace granules; well sorted; moist; yellowish brown (10YR 5/6).		
0.5								Note: Little silt, wet at 4.0' bgs.		
4.0									▼	
5.0	-5									Bentonite Backfill
10.0	-10	2	5.0-10.0	5.0						
								End of boring at 10.0' bgs		
15	-15									
20	-20									



**Remarks:** bgs = below ground surface  
 btoc = below top of casing  
 NA = not applicable  
 Hand auger to 5.0' bgs.  
 Groundwater encountered at 4.0' bgs.

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 12/04/2019 Logger: C. Cisco  
 Project Number: 30043300 Date Completed: 12/04/2019 Editor: C. Cisco  
 Project Location: Flint, MI Weather Conditions: 30°F, Cloudy, Windy

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1				SB-FEP-19(0-0.5)	0.1	(0.0-0.5') TOPSOIL; Grass.	Backfilled with Bentonite (0.0-4.0' bgs).		
2		48			0.0	(0.5-4.0') SAND, fine to medium, subangular to subround; some granules, subangular to subround; some pebbles, small to medium, subangular to subround; poorly sorted; dry, brown (10YR 4/3); FILL. Note: Trace small glass fragments and tree roots.			
3				SB-FEP-19(2-4)	0.1	Note: Trace clay, nonplastic present 3.0-4.0' bgs.			
4					0.0	Note: Cement fragments present from 3.0-3.5' bgs.			
5						End of boring at 4.0' bgs.			
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: Core Barrel  
 Driller: Russ Gordon Sampling Interval: Continuous  
 Drilling Method: Hand Auger / Sonic Drilling Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: Hand augered to 4.0' bgs. Converted to Well:  Yes  No  
bgs = below ground surface; NA = not applicable; Surface Elev.: 752.4  
btoc = below top of casing; ft = feet; NM= not measured. North Coord.: 561152.4  
 East Coord.: 13304226.0

SOIL BORING LOG - 2013 C:\USERS\HMH\PHREY\DESKTOP\NEW BUICK CITY\LOGS\BUICK CITY MASTER 11.9.2020.GPJ ARCADIS - 2019.GDT 11/10/20

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 11/21/2019 Logger: A. Pruehs  
 Project Number: 30043300 Date Completed: 11/21/2019 Editor: C. Cisco  
 Project Location: Flint, MI Weather Conditions: \_\_\_\_\_

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1			24	SB-FEP-20(0-2)	0.7		(0.0-2.0') SAND, fine; and PEBBLES, small to large, angular to subangular; little clay, low plasticity; well sorted; moist; loose; yellowish brown (10YR 5/4) to black (10YR 2/1); FILL.	Backfilled with Bentonite (0.0-6.0' bgs).	
2									
3			24	SB-FEP-20(2-4)	0.5		(2.0-4.0') SAND, fine; some clay, low plasticity; trace pebbles, medium, angular; well sorted; moist; very loose; dark yellowish brown (10YR 4/4).		
4									
5			24	SB-FEP-20(4-6)	0.3		(4.0-6.0') SAND, fine; some clay, nonplastic; moist; loose; dark yellowish brown (10YR 4/4).		
6							End of boring at 6.0' bgs.		
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Fibertec Sampling Method: Hand Auger  
 Driller: Shane Raymo Sampling Interval: Continuous  
 Drilling Method: Hand Auger Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: Hand augered to 6.0' bgs. Converted to Well:  Yes  No  
bgs = below ground surface; NA = not applicable; Surface Elev.: 750.7  
btoc = below top of casing; ft = feet; NM= not measured. North Coord.: 561079.2  
 East Coord.: 13304254.5

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 12/04/2019 Logger: C. Cisco  
 Project Number: 30043300 Date Completed: 12/04/2019 Editor: C. Cisco  
 Project Location: Flint, MI Weather Conditions: 30°F, Cloudy, Windy

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1				SB-FEP-21(0-0.5)	0.0	(0.0-0.5') TOPSOIL; Grass.	Backfilled with Bentonite (0.0-4.0' bgs).		
2		48			0.1	(0.5-4.0') SAND, fine to medium, subangular to subround; trace granules, subangular to subround; trace pebbles, small, subangular to subround; well sorted; dry; brown (10YR 4/3).			
3				SB-FEP-21(2-4)	0.1				
4					0.0	Note: Trace clay, nonplastic present from 3.0-4.0' bgs.			
5						End of boring at 4.0' bgs.			
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: Core Barrel  
 Driller: Russ Gordon Sampling Interval: Continuous  
 Drilling Method: Hand Auger / Sonic Drilling Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: Hand augered to 4.0' bgs. Converted to Well:  Yes  No  
bgs = below ground surface; NA = not applicable; Surface Elev.: 754.6  
btoc = below top of casing; ft = feet; NM= not measured. North Coor.: 561033.0  
 East Coor.: 13304221.7

SOIL BORING LOG - 2013 C:\USERS\HJM\PHREY\DESKTOP\NEW BUICK CITY\LOGS\BUICK CITY MASTER 11.9.2020.GPJ ARCADIS - 2019.GDT 11/10/20

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 08/04/2020 Logger: M. Olender  
 Project Number: 30043300 Date Completed: 08/04/2020 Editor: M. Humphrey  
 Project Location: Flint, MI Weather Conditions: NA

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1				SB-FEP-22(0-2) _080420 @ 1000	0.0		(0.0-1.0') TOPSOIL; grass.	(0.0-4.0' bgs) Backfilled with soil cuttings.	
2		48			2.4		(1.0-4.0') SAND, fine to coarse, subangular to subrounded; some very coarse sand to small cobbles, subangular to subrounded; poorly sorted; dry to moist; brown (10YR 5/3).		
3				SB-FEP-22(2-4) _080420 @ 1005	8.9				
4					0.0				
5							End of boring at 4.0' bgs.		
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: 5.0' Macrocore  
 Driller: J. Greer Sampling Interval: Continuous  
 Drilling Method: Hand Auger / Direct Push Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: bgs = below ground surface; NA = not applicable; Converted to Well:  Yes  No  
btoc = below top of casing; ft = feet; NM= not measured. Surface Elev.: 750.3  
 North Coord: 561106.0  
 East Coord: 13304198.1

SOIL BORING LOG - 2013 C:\USERS\HUMPHREY\DESKTOP\NEW BUICK CITY LOGS\BUICK CITY MASTER 11.9.2020.GPJ ARCADIS - 2013.GDT 11/10/20

# Soil Boring Log

Project Name: RACER Trust - Buick City Date Started: 08/04/2020 Logger: M. Olender  
 Project Number: 30043300 Date Completed: 08/04/2020 Editor: M. Humphrey  
 Project Location: Flint, MI Weather Conditions: 60°F, Raining

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details	Well
1				SB-FEP-23(0-2) _080420 @ 1020	0.0		(0.0-1.0') TOPSOIL.	(0.0-4.0' bgs) Backfilled with soil cuttings.	
2		48			58.3		(1.0-4.0') SAND, fine to medium, some very coarse sand to small cobbles, subangular to subrounded; poorly sorted; moist; brown (10YR 5/3).		
3				SB-FEP-23(2-4) _080420 @ 1025	179.0				
4					0.0				
5							End of boring at 4.0' bgs.		
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Drilling Co.: Cascade Sampling Method: 5.0' Macrocore  
 Driller: J. Greer Sampling Interval: Continuous  
 Drilling Method: Hand Auger / Direct Push Water Level Start (ft. bgs.): NA  
 Drilling Fluid: None Water Level Finish (ft. btoc.): NA  
 Remarks: bgs = below ground surface; NA = not applicable; btoc = below top of casing; ft = feet; NM= not measured. Converted to Well:  Yes  No  
 Surface Elev.: 748.9  
 North Coord.: 561078.7  
 East Coord.: 13304200.3

SOIL BORING LOG - 2013 C:\USERS\HUMPHREY\DESKTOP\NEW BUICK CITY LOGS\BUICK CITY MASTER 11.9.2020.GPJ ARCADIS - 2013.GDT 11/10/20

**Soil Boring Log**

Project Name: Buick City - PFAS Ph VI Investigation Date Started: 3/25/21 Logger: E. Redner  
 Project Number: 30075935.03100 Date Completed: 3/25/21 Editor: \_\_\_\_\_  
 Project Location: Flint, MI Weather Conditions: 64°F sunny

Depth (feet)	Recovery (in.)	Blow Counts	PID (ppm)	Sample ID & Time	Description	Construction Details
1	60"		0	SB-FEP-24 (0.5-2) - 032521	(0-0.5) Asphalt	
2			0		(0.5-2) sand, vf → m, SA → R; little coarse → large pebble, SA → R, trace silt; trace clay nodules, low plasticity, rapid dilatancy, very dark brown (10YR 2/2) to yellowish brown (10YR 5/4) det → moist, poorly sorted	
3	60"		0	1426	(2-5.5) sand, vf → m, SA → R; little silt, coarse → large pebble, SA → R, trace silt; moist, poorly sorted, dark gray (10YR 4/1) to drab grayish brown (10YR 4/2)	
4			0		NOTE: wood 5.2-5.3' bgs	
5	58"		0	SB-FEP-24 (4-6) - 032521	(5.5-6.0) sand, vf → F, little silt; little trace clay; low plasticity, rapid dilatancy; trace sand, med. SA → SE; well sorted, moist, brown (10YR 5/3)	
6			0		NOTE: wet 6-10' bgs	
7	58"		0	1444	(6-10) 7.5' sand, vf → <del>med</del> fine, well sorted, wet, yellowish brown (10YR 5/4)	
8			0		(7.5-10) silt, no plasticity, rapid dilatancy, wet, very soft, yellowish brown (10YR 5/4) to gray (10YR 6/1)	
9	50"		0		(10-12) clay, high plasticity, no dilatancy, moist, soft, gray (10YR 6/1)	
10			0		(12-12.5) clay, med plasticity, slow dilatancy, little silt, little sand; vf → small pebbles, SA → R; moist, exp. med. stiff, gray (10YR 6/1) w/ light brown layering (7.5 YR 6/4)	
11	50"		0		NOTE: wet 14-14.5' bgs	
12			0		(12.5-14) clay, same as (10-12)	
13	50"		0		(14-15) silt, some clay, low plasticity, rapid dilatancy; some sand vf → granules, wet → moist, soft → med. stiff, gray (10YR 6/1)	
14			0		EOB @ 15.0' bgs	
15			→ ER			
16						
17						
18						
19						
20						

Drilling Co.: Cascade Sampling Method: Macro Core (5' rods)  
 Driller: Todd Grossmann Sampling Interval: Continuous  
 Drilling Method: Geoprobe (Direct Push) Water Level Start: 6  
 Drilling Fluid: NONE Water Level Finish: 14.5  
 Remarks: Star bit 0-0.5, HA 0.5-5, DP 5-EOB Converted to Well:  Yes Temp  No  
 Surface Elev: well screen set 7-12' bgs

## Soil Boring Log

Project Name: Buick City - PFAS Ph VI Investigation  
 Project Number: 30075935.03100  
 Project Location: Flint, MI

Date Started: 3/25/21 Date Completed: 3/25/21  
 Logger: E. Redner Editor: \_\_\_\_\_  
 Weather Conditions: 65°F mostly cloudy

Depth (feet)	Recovery (in.)	Blow Counts	PID (ppm)	Sample ID & Time	Description	Construction Details
1	0"		0		(0-0.5) asphalt	
2			0		(0.5-1) clay, low plasticity, rapid dilatancy; some sand, uf → small pebbles, SA → R; some silt, moist, soft, very dark brown (10YR2/2) to	
3	54"		0	SB-FEP-25 (0.5-2) - 032521 21534	yellowish brown (10YR5/6) (1-2) sand, uf → m; SA → SF; little clay, low plasticity; rapid dilatancy; little silt; trace sand, coarse → large pebble, poorly sorted, moist, very dark brown (10YR2/2) to very dark gray (10YR3/1)	
4			0		(2-5.5) clay, low plasticity, rapid dilatancy; some silt; some sand, uf → granules, SA → R; moist, soft, gray (10YR6/1) w/ some yellowish brown (10YR5/6)	
5			0		(5.5-6.5) silt, some clay, low plasticity, rapid dilatancy; some sand, uf → med. SA → SP; moist; med. stiff, grayish brown (10YR5/2)	
6			0		<b>Note: wet 6.5-7.7' bgs</b>	
7	50"		0	SB-FEP-25 (4.5-6.5) - 032521 1603	(6.5-7.5) sand, uf → granules, SA → R; trace silt; poorly sorted, wet, grayish brown (10YR5/2)	
8			0		(7.5-9.5) clay, med plasticity, slow dilatancy; little silt, little sand, uf → granules, SA → R; moist, med. stiff; gray (10YR6/1) w/ light brown layering (7.5YR6/4)	
9			0		(9.5-12.5) clay, high plasticity, no dilatancy; trace silt; moist, soft, gray (10YR6/1)	
10			0		<b>Note: wet 12.5-14' bgs</b>	
11			0		(12.5-15) silt, some clay, low plasticity, rapid dilatancy; little sand, uf → v. large pebbles; SA → R; moist, med ER soft → stiff, gray (10YR6/1)	
12	48"		0			
13			0			
14			0			
15			0		EOB @ 15' bgs	
16						
17						
18						
19						
20						

Drilling Co.: Cascade  
 Driller: Todd Grossmann  
 Drilling Method: Geoprobe (Direct Push)  
 Drilling Fluid: None  
 Remarks: Star bit 0 → 0.5, HA 0.5 → 5, DP 5 → EOB

Sampling Method: MACROCORE (5' rods)  
 Sampling Interval: Continuous  
 Water Level Start: 6.5  
 Water Level Finish: 7.7  
 Converted to Well:  Yes  Temp  No  
 Surface Elev: well screen 6-11' bgs

**Soil Boring Log**

Project Name: Buick City - PFAS Ph VI Investigation Date Started: 3/25/21 Logger: E. Redner  
 Project Number: 30075935.03100 Date Completed: 3/25/21 Editor: \_\_\_\_\_  
 Project Location: Flint, MI Weather Conditions: 47°F, cloudy

Depth (feet)	Recovery (in.)	Blow Counts	PID (ppm)	Sample ID & Time	Description	Construction Details
1	↓ 0"		0	SB-FEP-26 (0.5-2) - 032521 @1130	(0-0.5) ASPHALT (0.5-2) sand, vf → m, SA → R; little silt; Trace clay, low plasticity, rapid dilatancy; Trace sand, coarse → med pebble, SA → R; dry → moist, very dark brown (10YR 2/2) to yellowish brown (10YR 5/6).	
2	54"		0			POORLY SORTED (2-9) sand, vf → f; little silt; Trace med → gravules; well sorted, moist, yellowish brown (10YR 5/4) → (10YR 5/6)
3			0			
4			0			
5			0			
6			0			
7			0	SB-FEP-26 (5.5-7.5) - 032521 @1140	Note: Wet 7.5 - 10' bgs, to ER	
8	36"		0			
9			0		(9-10) silt, no plasticity, rapid dilatancy, med sand, vf; wet, very soft, light yellowish brown (10YR 6/4)	
10			0		Note: Wet 10.2-12' bgs	
11			0		(10-10.2) clay, high plasticity, slow dilatancy; little silt; moist, soft, light yellowish brown (10YR 5/4)	
12			0		(10.2-12) sand, vf → m; SA → R; trace silt; poorly sorted, wet, yellowish brown (10YR 5/4)	
13	54"		0		(12-14.5) clay, high plasticity, no dilatancy, moist, soft → med. stiff; gray (10YR 6/1)	
14			0			
15			0		(14.5-15) clay, med-high plasticity, slow dilatancy; little silt; Trace sand, vf; moist, med. stiff gray (10YR 6/1) w/ light brown layering (7.5YR 6/4)	
16					EOB @ 15' bgs	
17						
18						
19						
20						

Drilling Co.: Cascade Sampling Method: MACHCORE  
 Driller: Todd Grossmann Sampling Interval: CONTINUOUS  
 Drilling Method: Geoprobe (Direct Push) Water Level Start: 7.5  
 Drilling Fluid: NONE Water Level Finish: 12  
 Remarks: Star bit 0 → 0.5 HA 0.5 → 5, DP 5 → EOB Converted to Well:  Yes Temp  No  
 Surface Elev: well screen set 7-12' bgs

**Soil Boring Log**

Project Name: Buick City - PFAS Ph VI Investigation  
 Project Number: 30075935.03100  
 Project Location: Flint, MI

Date Started: 3/25/21 Logger: E. Redner  
 Date Completed: 3/25/21 Editor: \_\_\_\_\_  
 Weather Conditions: 60°F, partly sunny

Depth (feet)	Recovery (in.)	Blow Counts	PID (ppm)	Sample ID & Time	Description	Construction Details
1	↓ 0"		0	SB-FEP-27 (0.5-2) - 032521 @1321	(0-0.5) Asphalt (0.5-1) sand, vf → m; SA → SP; little coarse → med. pebble, SA → R, dry, poorly sorted, very dark brown (10YR2/2)	
2			0		(1-2) sand, vf → m; SA → R; little clay, low plasticity, rapid dilatancy, little silt; poorly sorted, moist yellowish brown (10YR5/6)	
3	54"		0		(2-6.5) sand; vf → f; little → some silt; no plasticity, rapid dilatancy; well sorted, moist, yellowish brown (10YR5/6)	
4			0			
5			0			
6			0		(6.5-7.0) clay, low plasticity, rapid dilatancy; some silt; trace sand, vf moist, med. stiff, yellowish brown (10YR5/6)	
7	40"		0	SB-FEP-27 (5.5-7.5) - 032521 @1342	(7.0-9.5) sand, vf → m; SA → SP; little coarse; FR trace silt; wet, brown (10YR5/3)	
8			0		<b>NOTE: Wet 7.5-9.5' bgs</b>	
9			0			
10			0		(9.8-15) clay, high plasticity, no dilatancy; trace silt; moist, soft, gray (10YR6/1)	
11			0			
12			0			
13	57"		0			
14			0			
15			0		EOB @ 15.0' bgs	
16						
17						
18						
19						
20						

Drilling Co.: CASCADE  
 Driller: Todd Grossmann  
 Drilling Method: Geoprobe (Direct Push)  
 Drilling Fluid: NONE  
 Remarks: Star bit 0 → 0.5, HA 0.5 → 5, DP 5 → EOB

Sampling Method: Macrocore  
 Sampling Interval: CONTINUOUS  
 Water Level Start: 7.5  
 Water Level Finish: 9.8  
 Converted to Well:  Yes Temp.  No  
 Surface Elev: screen set 7-12' bgs

SAND (0.5-0)  
 (Ben. (imp) (0.5-5))  
 SAND (5-12)  
 (clay) (12-15)  
 (clay) (15-20)