



2016 ANNUAL GROUNDWATER MONITORING REPORT

Pontiac North Campus

December 2016



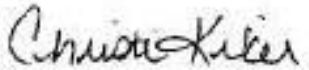
2016 ANNUAL GROUNDWATER MONITORING REPORT

Pontiac North Campus



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ACRONYMS AND ABBREVIATIONS

CSM	Site Corrective Measures Study
DCE	dichloroethene
DO	dissolved oxygen
EI	Environmental Indicator
FSP	Field Sampling Plan
GMC	General Motors Corporation
GM LLC	General Motors LLC
GMP	Groundwater Monitoring Program
GSI	Groundwater Surface Water Interface
LNAPL	light non-aqueous phase liquid
mg/L	milligrams per liter
MLC	Motors Liquidation Company
NRDWC	non-residential drinking water criteria
NRHBDW	non-residential health based drinking water
NTU	nephelometric turbidity unit
ORP	oxidation reduction potential
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PNC	Pontiac North Campus
QAPP	Quality Assurance Project Plan
RACER	Revitalizing Auto Communities Environmental Response
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Field Investigation
RDWC	residential drinking water criteria
SSPL	site-specific parameter list
TCL	target compound list
USEPA	U.S. Environmental Protection Agency
VOC	volatile organic compound

1 INTRODUCTION

On June 1, 2009, General Motors Corporation (GMC) filed for Chapter 11 protection under the U.S. bankruptcy code. On July 10, 2009 GMC was renamed Motors Liquidation Company (MLC) and on the same day some of the operating assets of GMC, including a portion of the Pontiac North Campus (PNC), were sold to a newly formed company named “General Motors Company”. General Motors Company changed its name to General Motors LLC (GM LLC) on October 16, 2009. Assets not sold to GM LLC remained the property of MLC, in its capacity as debtor-in-possession in the bankruptcy case. Effective March 31, 2011, the Revitalizing Auto Communities Environmental Response Trust (RACER) was created through a Bankruptcy Settlement Agreement among MLC, the federal government, 14 states, and the St. Regis Mohawk Tribe. Ownership of MLC properties were transferred to RACER and RACER became responsible for completing remediation of those properties, including a portion of PNC (hereafter referred to as the Site) (Figure 1).

On October 30, 2009, MLC and GM LLC jointly submitted a request to the U.S. Environmental Protection Agency (USEPA) to modify the Groundwater Monitoring Program (GMP; Appendix A) for the PNC. USEPA responded on November 23, 2009 via email granting the request for modification to the plan (Appendix B).

The 2016 annual groundwater sampling event was conducted September 19 through 22, 2016, in accordance with the Resource Conservation and Recovery Act (RCRA) Environmental Indicators (EI) Report (CA725 [Current Human Exposures Under Control] and CA750 [Migration of Contaminated Groundwater Under Control]) (ENVIRON 2002) as amended by the 2009 GMP Modification Proposal. The Draft Corrective Measures Implementation Work Plan (Fiero CMI Work Plan) for the RACER Fiero Assembly Site was submitted to the USEPA on October 7, 2015. In accordance with the Fiero CMI Work Plan, the results from specific Fiero wells are discussed in this report and it has been requested that the 2016 sampling event be considered the first of three annual events proposed therein.

A groundwater restriction ordinance prohibiting the use of groundwater wells was adopted by the City of Pontiac on August 16, 2013 for the RACER PNC Site and the area downgradient of the Site. Existing and planned deed restrictions do restrict and will further restrict use of onsite groundwater for any purpose. PNC property parcels sold by RACER include restrictions on groundwater use and prohibit the installation of groundwater wells.

Groundwater and light non-aqueous phase liquid (LNAPL; if present) elevation measurements were recorded in 87 monitoring wells, and groundwater samples were collected from a sub-set of monitoring wells. Beginning with the annual event in 2009, the sub-set of monitoring wells sampled are located on and immediately downgradient from RACER-owned property and are listed below.

Shallow Saturated Zone	
MW-40-99	MWM16-21
MWF1R	MWM16-43
MWF7-01	MWW1-04
MWF12-01	MWW10-03

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The monitoring well locations are shown on Figures 2 and 3.

During the 2013 annual groundwater sampling event, it was discovered that monitoring well MW16-43 was damaged and no longer suitable for sampling. Monitoring well MW16-43 is located south of Columbia Ave near the former Plant 15. The well was assumed to have been damaged by activities performed by a demolition contractor and is now filled with gravel. Due to continuing construction activities by the current property owner, the monitoring well was not replaced. However, monitoring well MW16-37 located just north and east of MW16-43, was proposed as an alternative sampling location. The well construction logs for these two wells are included in this report as Appendix C. The screens for both wells are set at the same depth and monitor the same groundwater unit.

The following sections of this report summarize the procedures used to complete the groundwater sampling and the analytical results for the groundwater samples collected during this event.

2 GROUNDWATER SAMPLING PROCEDURES

2.1 Water Level Measurements

Groundwater and LNAPL level measurements were recorded from selected monitoring wells on September 19 through 22, 2016 in accordance with procedures outlined in the Field Sampling Plan (FSP) of the RCRA Facility Investigation (RFI) Work Plan (EEC 2001a) and Quality Assurance Project Plan (QAPP; EEC 2001b). Groundwater and LNAPL levels were measured to the nearest 0.01 foot with either a static water level meter or an oil/water interface probe. Groundwater elevations were calculated using surveyed top-of-well casing elevations. Equivalent groundwater elevations were calculated for wells where LNAPL was present. A summary of water levels and groundwater elevations is presented in Table 1.

2.2 Groundwater Sample Collection

Groundwater samples were collected using low-flow sampling procedures, as presented in the FSP and QAPP. The procedures presented in the FSP are taken from the Low-Stress (or Low-Flow) Purging and Sampling Procedure (USEPA 1996), which is the USEPA Region V standard method for collecting low-stress/low-flow groundwater samples from monitoring wells.

During sampling, purge water was monitored for dissolved oxygen (DO), temperature, specific conductivity, turbidity, oxygen reduction potential (ORP), and pH. These water quality measurements were used to determine groundwater sample stability prior to collection of the groundwater samples.

Groundwater samples were collected and submitted for laboratory analysis for target compound list (TCL) volatile organic compounds (VOCs) using USEPA Method 8260B, polychlorinated biphenyls (PCBs) using USEPA Method 8082, and select site-specific parameter list (SSPL) metals using USEPA Method 6020 and 7470A. In the event that turbidity levels are above 10 nephelometric turbidity unit (NTU's) during sampling, dissolved metals analysis would be conducted as well. Merit Laboratories, Inc. in Lansing, Michigan analyzed groundwater samples in accordance with methods described in the RFI Work Plan.

3 GROUNDWATER SAMPLING RESULTS

3.1 Groundwater Elevation

Groundwater elevations from unconfined water table zone monitoring wells (screened across the water table) were used to create a shallow groundwater potentiometric surface map (Figure 2). Apparent shallow groundwater flow across the Site and the adjacent GM LLC property is generally to the south and southwest; however, subsurface features (e.g., sewer lines, other man-made features, and re-worked native and fill material) may create localized effects (groundwater mounds or depressions), as shown on Figure 2. In general, since the Storm Sewer Bulkheading Event in 2012, the groundwater levels have increased up to 5 feet in the area downgradient of the Plant 14 bulkhead locations. Groundwater elevation data will continue to be evaluated as part of the groundwater monitoring program to monitor potential changes in groundwater flow direction.

3.2 Analytical Results

The groundwater data were compared to select criteria from Michigan Department of Environmental Quality Operational Memorandum #1, Attachment #1, dated December 30, 2013. The select criteria used to evaluate groundwater quality at the Site include residential and non-residential drinking water criteria (RDWC and NRDWC), groundwater surface water interface criteria (GSI), non-residential health based drinking water values (NRHBDW), and volatilization to indoor air inhalation criteria. These criteria are presented in Table 2. A summary of the September 2016 annual sampling groundwater analytical data is included in Table 2 and presented on Figure 3. A summary of groundwater analytical data dating back to 2001 is included in Appendix D.

It should be noted that the criteria used for comparison include those designed to be protective of potential exposures via drinking water use and are conservative for evaluating the groundwater data from the shallow and intermediate saturated zones at the Site. The criteria are being used to provide a point of reference for detected constituents. The Site and the immediate vicinity obtain potable water from the City of Detroit and do not rely on local groundwater as a drinking water supply. Therefore, groundwater with constituent concentrations higher than these generic screening criteria does not indicate that the groundwater poses unacceptable risks given the existing or planned groundwater use restrictions.

The RFI Supplemental Report No. 1 (EEC 2003) concluded that residential drinking water use was not a current or reasonably expected future use of the shallow and intermediate groundwater at the Site or in the area given the current groundwater ordinance. However, groundwater at the Site does have the potential to migrate off site based on the interpreted southwesterly groundwater flow direction. Due to the potential for off-site migration, RDWC and NRDWC are used for screening data near the downgradient property boundary. The September 2016 groundwater data, presented in Table 2 and on Figure 3, have been compared to RDWC and NRDWC as a frame of reference for the evaluation of groundwater quality near the downgradient property boundary.

The following is a summary of the September 2016 groundwater sample analytes and concentrations that exceeded selected screening criteria:

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VOCs

- The concentrations of vinyl chloride detected in monitoring wells MWM16-21 and MWM16-37 (3 and 9 µg/l, respectively) exceed the RDWC or NRDWC of 2 µg/L.

PCBs

- No PCB exceedances were detected in groundwater samples collected during the September 2016 sampling event.

Inorganics

- The concentrations of total manganese detected at monitoring wells MWF12-01 (2.25 milligrams per liter (mg/L), duplicate was 5.29), MWF12-02 (3.91), and MWW10-03 (0.060) exceed the aesthetic RDWC and NRDWC of 0.05 mg/L. The duplicate sample from MWF12-01 and the sample from MWF12-02 also exceed the NRHBDW value of 2.5 mg/L. The turbidity of the samples from monitoring wells MWF12-01, MWF12-02, and MWW10-03 were 3.41, 3.79, and 5.12 NTUs, respectively.
- The concentration of vanadium detected at monitoring well MWW1-04 was 0.013 mg/L (as was the duplicate), which is higher than the RDWC of 0.0045 mg/L but lower than the NRDWC of 0.062 mg/L.

pH

- Monitoring well MWW1-04 exhibited an elevated pH reading of 11.69. The pH readings from the remaining wells sampled in September 2016 were within the RDWC and NRDWC pH range of 6.5 to 8.5.

4 CONCLUSIONS

Overall, groundwater analytical results are similar to previous sampling results at the majority of locations. Select key constituents detected in numerous events were graphed to allow for evaluation of trends in concentration over time. These graphs are presented in Appendix E. The conclusions are as follows:

- The concentrations of 1,1-dichloroethene in monitoring wells MWF7-01 and MWF12-01 are lower than the NRDWC of 0.007 mg/L. The concentration of 1,1-dichloroethene appears to be decreasing in MWF7-01 and is stable in monitoring well MWF12-01 (downgradient of MWF7-01). This indicates that 1,1-dichloroethene is naturally attenuating at the Site.
- Concentrations of both cis-1,2-dichloroethene (cis-1,2-DCE) and tetrachloroethene (PCE) have decreased since 2009 at monitoring well MWF7-01. Concentrations of both constituents are lower than the NRDWC of 0.07 mg/L for cis-1, 2-DCE and 0.005 mg/L for PCE. This indicates that these compounds are natural attenuating at the Site.
- The concentration of manganese in monitoring well MWW10-03 appears to be stable. The concentration of manganese in MWF12-01 appears to exhibit an increasing trend. However, while the concentration was above the health-based NRDWC of 2.5 mg/L in the 2015 sampling event, the concentration is below the criteria in 2016.
- The concentrations of total PCBs in monitoring well MWW1-04 have fluctuated over time. The 2016 groundwater result of 0.0001 mg/L was a decrease from last year; continuing the overall downward trend.
- The concentration of vanadium in monitoring well MWW1-04 has been decreasing since 2009. The concentrations of vanadium in MWW1-04 have remained lower than the NRDWC of 0.062 mg/L.
- The concentration of vinyl chloride in well MWM16-21 has exceeded applicable criteria for the first time in 2016. As it is the first year for sampling MWM16-37, it also has exceeded applicable criteria for vinyl chloride for the first time. These wells will continue to be monitored to determine if an increasing trend is occurring in that area of the Site.

Overall, these results indicate that impacted groundwater on Site is exhibiting a stable or decreasing footprint. The results support USEPA's 2004 CA750 determination that migration of contaminated groundwater is under control for the Pontiac North Facility and the CA750 determination that migration of contaminated groundwater is under control for the former Pontiac Fiero Assembly Facility that USEPA is currently considering. There is no current recommendation for further action related to these results other than to continue with the planned groundwater deed restriction and future monitoring that will be proposed as corrective measures.

A revised groundwater monitoring program is in development as part of the Site Corrective Measures Study (CMS) and will continue to monitor these trends with a focus on manganese. Upon approval of the CMS, the groundwater monitoring program will be finalized and any needed additional deed restrictions will be reviewed with USEPA and recorded. The revised groundwater monitoring program will include monitoring points, parameters, duration, and monitoring objectives to maintain groundwater compliance and move toward site closure.

5 REFERENCES

- Encore Environmental Consortium, LLC (EEC). 2001a. RCRA Facility Investigation (RFI) Work Plan, General Motors Corporation, Pontiac North Campus, Pontiac, Michigan. May, 2001.
- EEC. 2001b. Quality Assurance Project Plan (QAPP), General Motors Corporation, Pontiac North Campus, Pontiac, Michigan. May, 2001.
- EEC. 2003. RCRA Facility Investigation (RFI) Supplemental Report No. 1, General Motors Corporation, Pontiac North Campus, Pontiac, Michigan. November, 2003.
- ENVIRON International Corporation (ENVIRON). 2002. Resource Conservation and Recovery Act Environmental Indicators Report, General Motors Corporation, Pontiac North Campus Facility, Pontiac, Michigan. July, 2002.
- Michigan Department of Environmental Quality. 2013. Operational Memorandum #1, Attachment #1, Cleanup Criteria Requirements for Response Activity. December 30.
- U.S. Environmental Protection Agency (USEPA; Region I). 1996. Low-Stress (or Low-Flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells – Revision 2. July 30, 1996.

TABLES



Table 1
Groundwater Elevation Summary, September 2016
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Well ID	Well Elevation ¹	Depth to Water (ft)	Depth to LNAPL (ft)	Groundwater Elevation	LNAPL Thickness (ft)	Equivalent Groundwater Elevation ²
SITEWIDE						
MWP1R	982.67	19.21		963.46	---	---
MWF1R	971.74	26.26		945.48	---	---
MWM1	988.28	9.84		978.44	---	---
MWP4	977.31	13.80		963.51	---	---
MWS1	983.17	10.64		972.53	---	---
OFFSITE						
MWOS-01	943.79	7.75		936.04	---	---
MWOS-02	943.46	7.38		936.08	---	---
MWOS-03	944.35	7.98		936.37		
MWOS-04	942.52	4.91		937.61	---	---
MWOS-06	944.01	4.56		939.45	---	---
TW ROW 01	942.53	0.55		941.98	---	---
TW ROW 02	941.92	0.54		941.38	---	---
TW ROW 03	942.38	1.41		940.97	---	---
FIERO						
F-7						
MWF7-01	970.30	21.59		948.71	---	---
F-8						
MWF8-01	972.94	20.69		952.25	---	---
F-12						
MWF12-01	965.39	18.85		946.54	---	---
MWF12-02	966.81	19.75		947.06	---	---
PONTIAC SCHOOL BOARD PROPERTY						
MWPS-02	942.30	5.37		936.93	---	---
DEMOLITION AREA						
W-1						
MWW1-01	963.65	12.00		951.65	---	---
MWW1-04	944.20	7.08		937.12	---	---
MWW1-06	943.63	6.40		937.23	---	---
MW-40-99	952.32	10.25		942.07	---	---
TW-01-01	972.95	NA	27.32	NA	NA	NA
TW-01-02	973.38	21.43		951.95	---	---
TW-01-03	969.06	16.38		952.68	---	---
W-5						
MWW5-01	970.57	19.16		951.41	---	---
W-8						
TW-03-01	970.48	22.52		947.96	---	---
MWW8-34	966.55	16.90	16.78	949.65	0.12	949.67
MWW8-36	968.62	18.94	18.37	949.68	0.57	949.79
MWW8-45	968.40	19.56		948.84	---	---
MWW8-48	971.08	25.89	21.4	945.19	4.49	946.09
MWW8-65	969.62	NA	30.85	NM	NA	NA
RWW8-119	969.36	20.36		949.00	---	---
RWW8-124	967.77	18.78		948.99	---	---
RWW8-125	967.64	18.74		948.90	---	---
RWW8-129	966.71	18.05	17.72	948.66	0.33	948.73
RWW8-130	966.44	17.60		948.84	---	---
RWW8-131	966.01	17.15		948.86	---	---
RWW8-132	965.47	16.70		948.77	---	---
RWW8-133	966.34	18.90	17.43	947.44	1.47	947.73
TW-11-01	969.28	9.40	5.44	959.88	3.96	960.67
TW-11-02	970.38	8.21	6.69	962.17	1.52	962.47
TW-09-01	970.01	19.62	19.37	950.39	0.25	950.44
TW-10-01	971.91	22.28		949.63	---	---
TW-10-02	971.83	21.49		950.34	---	---
TWW8-01	969.37	---		---	---	---

Table 1
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Well ID	Well Elevation ¹	Depth to Water (ft)	Depth to LNAPL (ft)	Groundwater Elevation	LNAPL Thickness (ft)	Equivalent Groundwater Elevation ²
W-10						
MWW10-01	963.75	18.60	11.77	945.15	6.83	946.52
MWW10-07	967.11	12.40	11.09	954.71	1.31	954.97
MWW10-08	967.01	12.49	10.92	954.52	1.57	954.83
MWW10-09	966.81	9.96		956.85	---	---
MWW10-SEN01	967.31	19.96		947.35	---	---
MWW10-SEN02	967.68	26.20		941.48	---	---
MWW10-SEN03	981.67	39.39		942.28	---	---
MWW10-SEN04	971.12	28.10		943.02	---	---
MWW10-SEN05	970.78	16.81		953.97	---	---
MFD						
M-2						
MWM2-04	967.68	15.45		952.23	---	---
MWM2-06	967.72	NA	16.85	NA	NA	NA
MWM2-07	967.60	15.44		952.16	---	---
MWM2-08	967.56	17.25		950.31	---	---
MWM2-18	967.59	16.66		950.93	---	---
MWM2-19	967.75	16.83		950.92	---	---
MWM2-20	967.30	16.39		950.91	---	---
MWM2-22	967.56	16.59		950.97	---	---
MWM2-23	967.61	---	---	NA	---	---
MWM2-24	967.36	1.08		966.28	---	---
MWM2-28	967.70	16.16		951.54	---	---
MWM2-29	967.63	NA	43.41	NA	NA	NA
MWM2-33R	967.55	46.13		921.42	---	---
MWM2-38	967.49	46.10		921.39	---	---
MWM2-35	967.55	46.15		921.40	---	---
TWM2-01	967.23	6.74		960.49	---	---
TWM2-02	967.52	2.17		965.35	---	---
TWM2-03	967.76	21.36	18.67	946.40	2.69	946.94
TWM2-04	967.64	2.80		964.84	---	---
TWM2-05	967.69	9.38	8.08	958.31	1.30	958.57
TWM2-06	967.53	10.28		957.25	---	---
TWM2-07	967.59	19.20	15.84	948.39	3.36	949.06
M-4						
MWM4-05	985.70	8.35		977.35	---	---
MWM4-06R	961.10	NA		NA	NA	NA
M-5						
MWM5-02	977.07	19.75		957.32	---	---
MWM5-03	978.78	21.56		957.22	---	---
MWM5-04	979.55	21.97		957.58	---	---
M-16						
MWM16-37	980.37	24.31		956.06	---	---
M-1						
MWM1-02	964.27	14.22		950.05	---	---
MWM1-03	964.94	14.07		950.87	---	---
MWM1-04	970.25	19.67		950.58	---	---

Notes:

NA = not applicable

LNAPL = light non-aqueous phase liquid

ft = feet

Footnotes:

1 - Top of Casing Elevation is in feet National Vertical Geodetic Datum (1988)

2 - The equivalent groundwater (GW) elevation is calculated where LNAPL is present using the LNAPL surface elevation, the thickness of LNAPL and the approximate specific density of the LNAPL (0.8). The calculation is as follows:

$$\text{Equivalent GW elevation} = \text{LNAPL surface elevation} - ((1 - \text{specific density of the LNAPL}) \times \text{LNAPL thickness})$$

3 - Water levels collected on September 19th - 20th, 2016

Table 2
Summary of Groundwater Analytical Results
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Location ID: Date Collected: Sample Name:	Units	Groundwater Surface Water Interface Shaded	Residential Drinking Water Yellow HL	Non-Residential Drinking Water Orange HL	Non-Residential Health Based Drinking Water Value Bold	Res GW Volatilization to Indoor Air Inhalation Italics	Non-Res GW Volatilization to Indoor Air Inhalation Red Type	MW-40-99 09/20/16 MW40-99_092016	MWF1R 09/20/16 MWF1R_092016	MWF7-01 09/22/16 MWF7-01_092216	MWF8-01 09/21/16 MWF8-01_092116
Field Parameters											
pH	pH units	--	--	--	--	--	--	7.00	7.03	7.16	6.99
Turbidity	NTU	--	--	--	--	--	--	5.10	3.62	2.97	3.59
PCBs											
Aroclor-1016	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1221	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1232	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1242	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1248	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1254	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1260	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Total PCBs	ug/L	0.2	0.5	0.5	--	--	--	NA	NA	NA	NA
Volatile Organics											
1,2,3-Trimethylbenzene	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
2-Methylnaphthalene	ug/L	19	260	750	--	--	--	5 U	5 U	5 U	5 U
Acrylonitrile	ug/L	2	2.6	11	--	--	--	2 U	2 U	2 U	2 U
Hexachloroethane	ug/L	6.7	7.3	21	--	--	--	5 U	5 U	5 U	5 U
Iodomethane	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	--	--	--	--	--	--	2 U	2 U	2 U	2 U
Tetrahydrofuran	ug/L	11,000	95	270	--	--	--	90 U	90 U	90 U	90 U
trans-1,4-Dichloro-2-butene	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Acetone	ug/L	1,700	730	2,100	--	1,000,000,000	1,000,000,000	50 U	50 U	50 U	50 U
Benzene	ug/L	200	5	5	--	5,600	35,000	1 U	1 U	1 U	1 U
Bromobenzene	ug/L	--	18	50	--	--	--	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	--	80	80	--	4,800	37,000	1 U	1 U	1 U	1 U
Bromoform	ug/L	--	80	80	--	470,000	3,100,000	1 U	1 U	1 U	1 U
Bromomethane	ug/L	35	10	29	--	4,000	9,000	5 U	5 U	5 U	5 U
2-Butanone	ug/L	2,200	13,000	38,000	--	240,000,000	240,000,000	25 U	25 U	25 U	25 U
n-Butylbenzene	ug/L	--	80	230	--	--	--	1 U	1 U	1 U	1 U
sec-Butylbenzene	ug/L	--	80	230	--	--	--	1 U	1 U	1 U	1 U
tert-Butylbenzene	ug/L	--	80	230	--	--	--	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/L	--	800	2,300	--	250,000	550,000	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	45	5	5	--	370	2,400	1 U	1 U	1 U	1 U
CFC-11	ug/L	--	2,600	7,300	--	1,100,000	1,100,000	1 U	1 U	1 U	1 U
CFC-12	ug/L	--	1,700	4,800	--	220,000	300,000	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	25	100	100	--	210,000	470,000	1 U	1 U	1 U	1 U
Chlorobromomethane	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Chlorodibromomethane	ug/L	--	80	80	--	14,000	110,000	5 U	5 U	5 U	5 U
Chloroethane	ug/L	1,100	430	1,700	--	5,700,000	5,700,000	5 U	5 U	5 U	5 U
Chloroform	ug/L	350	80	80	--	28,000	180,000	1 U	1 U	1 U	1 U
Chloromethane	ug/L	--	260	1,100	--	8,600	45,000	5 U	5 U	5 U	5 U
Cymene	ug/L	--	--	--	--	--	--	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	ug/L	--	0.2	0.2	--	220	1,200	5 U	5 U	5 U	5 U
1,2-Dibromoethane	ug/L	5.7	0.05	0.05	--	2,400	15,000	1 U	1 U	1 U	1 U
Dibromomethane	ug/L	--	80	230	--	--	--	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	ug/L	13	600	600	--	160,000	160,000	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	ug/L	28	6.6	19	--	18,000	41,000	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/L	17	75	75	--	16,000	74,000	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	740	880	2,500	--	1,000,000	2,300,000	1 U	1 U	2	1 U
1,2-Dichloroethane	ug/L	360	5	5	--	9,600	59,000	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/L	130	7	7	--	200	1,300	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	ug/L	620	70	70	--	93,000	210,000	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	ug/L	1,500	100	100	--	85,000	200,000	1 U	1 U	1 U	1 U
Dichloromethane	ug/L	1,500	5	5	--	220,000	1,400,000	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	230	5	5	--	16,000	36,000	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Diethyl Ether	ug/L	--	10	10	--	--	--	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	18	74	74	700	110,000	170,000	1 U	1 U	1 U	1 U
Isopropylbenzene	ug/L	28	800	2,300	--	56,000	56,000	5 U	5 U	5 U	5 U
Methyl N-Butyl Ketone	ug/L	--	1,000	2,900	--	4,200,000	8,700,000	50 U	50 U	50 U	50 U

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Location ID: Date Collected: Sample Name:	Units	Groundwater Surface Water Interface Shaded	Residential Drinking Water Yellow HL	Non-Residential Drinking Water Orange HL	Non-Residential Health Based Drinking Water Value Bold	Res GW Volatilization to Indoor Air Inhalation Italics	Non-Res GW Volatilization to Indoor Air Inhalation Red Type	MW-40-99 09/20/16 MW40-99_092016	MWF1R 09/20/16 MWF1R_092016	MWF7-01 09/22/16 MWF7-01_092216	MWF8-01 09/21/16 MWF8-01_092116
4-Methyl-2-pentanone	ug/L	--	1,800	5,200	--	20,000,000	20,000,000	50 U	50 U	50 U	50 U
Methyl tert-butyl ether	ug/L	7,100	40	40	690	47,000,000	47,000,000	5 U	5 U	5 U	5 U
Naphthalene	ug/L	11	520	1,500	--	--	--	5 U	5 U	5 U	5 U
n-Propylbenzene	ug/L	--	80	230	--	--	--	1 U	1 U	1 U	1 U
Styrene	ug/L	80	100	100	--	170,000	310,000	1 U	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	ug/L	--	77	320	--	--	--	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	78	8.5	35	--	12,000	77,000	1 U	1 U	1 U	1 U
Tetrachloroethene	ug/L	60	5	5	--	25,000	170,000	1 U	1 U	1 U	1 U
Toluene	ug/L	270	790	790	1,000	530,000	530,000	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/L	--	--	--	--	--	--	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	ug/L	99	70	70	--	300,000	300,000	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	89	200	200	--	660,000	1,300,000	1 U	1 U	9	1 U
1,1,2-Trichloroethane	ug/L	330	5	5	--	17,000	110,000	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	200	5	5	--	2,200	4,900	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	ug/L	--	42	120	--	--	--	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/L	17	63	63	--	--	--	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	ug/L	45	72	72	--	--	--	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	13	2	2	--	1,100	13,000	1 U	1 U	1 U	1 U
o-Xylene	ug/L	--	--	--	--	--	--	1 U	1 U	1 U	1 U
Inorganics											
Antimony	mg/L	0.13	0.006	0.006	--	--	--	NA	NA	NA	NA
Lead	mg/L	--	0.004	0.004	--	--	--	NA	NA	NA	NA
Manganese	mg/L	--	0.05	0.05	2.5	--	--	NA	NA	NA	NA
Vanadium	mg/L	0.027	0.0045	0.062	--	--	--	NA	NA	NA	NA

Notes:
mg/L = milligrams per liter.
µg/L = micrograms per liter.
"U" indicates the compound was analyzed for but not detected. The associated value is the compound quantitation limit
Duplicate analyses are presented in brackets.
"NA" indicates that the compound was not analyzed
All criteria listed are from Michigan Department of Environmental Quality Operational Memorandum #1, Attachment #1, dated December 30, 2013
Shaded values exceed Michigan Groundwater Surface Water Interface.
Yellow highlighted values exceed Michigan Residential Drinking Water
Orange highlighted values exceed Non-Residential Drinking Water.
Bold values exceed Non-Residential Health Based Drinking Water Value.
Values in italics exceed Residential Groundwater Volatilization to Indoor Air Inhalation
Values in red type exceed Non-Residential Groundwater Volatilization to Indoor Air Inhalation

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Location ID: Date Collected: Sample Name:	Units	Groundwater Surface Water Interface Shaded	Residential Drinking Water Yellow HL	Non-Residential Drinking Water Orange HL	Non-Residential Health Based Drinking Water Value Bold	Res GW Volatilization to Indoor Air Inhalation Italics	Non-Res GW Volatilization to Indoor Air Inhalation Red Type	MWF12-01 09/21/16 MWF12-01_092116	MWF12-02 09/21/16 MWF12-02_092116	MWM16-21 09/20/16 MWF16-21_092016	MWM16-37 09/20/16 MWF16-37_092016
Field Parameters											
pH	pH units	--	--	--	--	--	--	7.19	7.52	7.21	7.06
Turbidity	NTU	--	--	--	--	--	--	3.41	3.79	3.33	3.90
PCBs											
Aroclor-1016	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1221	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1232	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1242	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1248	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1254	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Aroclor-1260	ug/L	0.2	0.5	0.5	--	45	45	NA	NA	NA	NA
Total PCBs	ug/L	0.2	0.5	0.5	--	--	--	NA	NA	NA	NA
Volatile Organics											
1,2,3-Trimethylbenzene	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
2-Methylnaphthalene	ug/L	19	260	750	--	--	--	5 U [5 U]	5 U	5 U	5 U
Acrylonitrile	ug/L	2	2.6	11	--	--	--	2 U [2 U]	2 U	2 U	2 U
Hexachloroethane	ug/L	6.7	7.3	21	--	--	--	5 U [5 U]	5 U	5 U	5 U
Iodomethane	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
m&p-Xylene	ug/L	--	--	--	--	--	--	2 U [2 U]	2 U	2 U	2 U
Tetrahydrofuran	ug/L	11,000	95	270	--	--	--	90 U [90 U]	90 U	90 U	90 U
trans-1,4-Dichloro-2-butene	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
Acetone	ug/L	1,700	730	2,100	--	1,000,000,000	1,000,000,000	50 U [50 U]	50 U	50 U	50 U
Benzene	ug/L	200	5	5	--	5,600	35,000	1 U [1 U]	1 U	1 U	1 U
Bromobenzene	ug/L	--	18	50	--	--	--	1 U [1 U]	1 U	1 U	1 U
Bromodichloromethane	ug/L	--	80	80	--	4,800	37,000	1 U [1 U]	1 U	1 U	1 U
Bromoform	ug/L	--	80	80	--	470,000	3,100,000	1 U [1 U]	1 U	1 U	1 U
Bromomethane	ug/L	35	10	29	--	4,000	9,000	5 U [5 U]	5 U	5 U	5 U
2-Butanone	ug/L	2,200	13,000	38,000	--	240,000,000	240,000,000	25 U [25 U]	25 U	25 U	25 U
n-Butylbenzene	ug/L	--	80	230	--	--	--	1 U [1 U]	1 U	1 U	1 U
sec-Butylbenzene	ug/L	--	80	230	--	--	--	1 U [1 U]	1 U	1 U	1 U
tert-Butylbenzene	ug/L	--	80	230	--	--	--	1 U [1 U]	1 U	1 U	1 U
Carbon Disulfide	ug/L	--	800	2,300	--	250,000	550,000	5 U [5 U]	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	45	5	5	--	370	2,400	1 U [1 U]	1 U	1 U	1 U
CFC-11	ug/L	--	2,600	7,300	--	1,100,000	1,100,000	1 U [1 U]	1 U	1 U	1 U
CFC-12	ug/L	--	1,700	4,800	--	220,000	300,000	5 U [5 U]	5 U	5 U	5 U
Chlorobenzene	ug/L	25	100	100	--	210,000	470,000	1 U [1 U]	1 U	1 U	1 U
Chlorobromomethane	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
Chlorodibromomethane	ug/L	--	80	80	--	14,000	110,000	5 U [5 U]	5 U	5 U	5 U
Chloroethane	ug/L	1,100	430	1,700	--	5,700,000	5,700,000	5 U [5 U]	5 U	5 U	5 U
Chloroform	ug/L	350	80	80	--	28,000	180,000	1 U [1 U]	1 U	1 U	1 U
Chloromethane	ug/L	--	260	1,100	--	8,600	45,000	5 U [5 U]	5 U	5 U	5 U
Cymene	ug/L	--	--	--	--	--	--	5 U [5 U]	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	ug/L	--	0.2	0.2	--	220	1,200	5 U [5 U]	5 U	5 U	5 U
1,2-Dibromoethane	ug/L	5.7	0.05	0.05	--	2,400	15,000	1 U [1 U]	1 U	1 U	1 U
Dibromomethane	ug/L	--	80	230	--	--	--	5 U [5 U]	5 U	5 U	5 U
1,2-Dichlorobenzene	ug/L	13	600	600	--	160,000	160,000	1 U [1 U]	1 U	1 U	1 U
1,3-Dichlorobenzene	ug/L	28	6.6	19	--	18,000	41,000	1 U [1 U]	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/L	17	75	75	--	16,000	74,000	1 U [1 U]	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	740	880	2,500	--	1,000,000	2,300,000	3 [4]	2	1 U	1 U
1,2-Dichloroethane	ug/L	360	5	5	--	9,600	59,000	1 U [1 U]	1 U	1 U	1 U
1,1-Dichloroethene	ug/L	130	7	7	--	200	1,300	1 U [1]	1 U	1 U	1 U
cis-1,2-Dichloroethene	ug/L	620	70	70	--	93,000	210,000	1 U [1 U]	1 U	1 U	1 U
trans-1,2-Dichloroethene	ug/L	1,500	100	100	--	85,000	200,000	1 U [1 U]	1 U	1 U	1 U
Dichloromethane	ug/L	1,500	5	5	--	220,000	1,400,000	5 U [5 U]	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	230	5	5	--	16,000	36,000	1 U [1 U]	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
trans-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
Diethyl Ether	ug/L	--	10	10	--	--	--	10 U [10 U]	10 U	10 U	10 U
Ethylbenzene	ug/L	18	74	74	700	110,000	170,000	1 U [1 U]	1 U	1 U	1 U
Isopropylbenzene	ug/L	28	800	2,300	--	56,000	56,000	5 U [5 U]	5 U	5 U	5 U
Methyl N-Butyl Ketone	ug/L	--	1,000	2,900	--	4,200,000	8,700,000	50 U [50 U]	50 U	50 U	50 U

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		Shaded	Yellow HL	Orange HL	Bold	Italics	Red Type				
4-Methyl-2-pentanone	ug/L	--	1,800	5,200	--	20,000,000	20,000,000	50 U [50 U]	50 U	50 U	50 U
Methyl tert-butyl ether	ug/L	7,100	40	40	690	47,000,000	47,000,000	5 U [5 U]	5 U	5 U	5 U
Naphthalene	ug/L	11	520	1,500	--	--	--	5 U [5 U]	5 U	5 U	5 U
n-Propylbenzene	ug/L	--	80	230	--	--	--	1 U [1 U]	1 U	1 U	1 U
Styrene	ug/L	80	100	100	--	170,000	310,000	1 U [1 U]	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	ug/L	--	77	320	--	--	--	1 U [1 U]	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	78	8.5	35	--	12,000	77,000	1 U [1 U]	1 U	1 U	1 U
Tetrachloroethene	ug/L	60	5	5	--	25,000	170,000	1 U [1 U]	1 U	1 U	1 U
Toluene	ug/L	270	790	790	1,000	530,000	530,000	1 U [1 U]	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/L	--	--	--	--	--	--	5 U [5 U]	5 U	5 U	5 U
1,2,4-Trichlorobenzene	ug/L	99	70	70	--	300,000	300,000	5 U [5 U]	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	89	200	200	--	660,000	1,300,000	16 [17]	4	1 U	1 U
1,1,2-Trichloroethane	ug/L	330	5	5	--	17,000	110,000	1 U [1 U]	1 U	1 U	1 U
Trichloroethene	ug/L	200	5	5	--	2,200	4,900	1 U [1 U]	1 U	1 U	1 U
1,2,3-Trichloropropane	ug/L	--	42	120	--	--	--	1 U [1 U]	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/L	17	63	63	--	--	--	1 U [1 U]	1 U	1 U	1 U
1,3,5-Trimethylbenzene	ug/L	45	72	72	--	--	--	1 U [1 U]	1 U	1 U	1 U
Vinyl Chloride	ug/L	13	2	2	--	1,100	13,000	1 U [1 U]	1 U	3	9
o-Xylene	ug/L	--	--	--	--	--	--	1 U [1 U]	1 U	1 U	1 U
Inorganics											
Antimony	mg/L	0.13	0.006	0.006	--	--	--	NA	NA	NA	NA
Lead	mg/L	--	0.004	0.004	--	--	--	NA	NA	NA	NA
Manganese	mg/L	--	0.05	0.05	2.5	--	--	2.25 [5.29]	3.91	NA	NA
Vanadium	mg/L	0.027	0.0045	0.062	--	--	--	NA	NA	NA	NA

Notes:
mg/L = milligrams per liter.
µg/L = micrograms per liter.
"U" indicates the compound was analyzed for but not detected. The associated value is the compound quantitation limit
Duplicate analyses are presented in brackets.
"NA" indicates that the compound was not analyzed
All criteria listed are from Michigan Department of Environmental Quality Operational Memorandum #1, Attachment #1, dated December 30, 2013
Shaded values exceed Michigan Groundwater Surface Water Interface.
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Field Parameters									
pH	pH units	--	--	--	--	--	--	11.69	7.15
Turbidity	NTU	--	--	--	--	--	--	2.69	5.12
PCBs									
Aroclor-1016	ug/L	0.2	0.5	0.5	--	45	45	0.1 [0.1]	0.1 U
Aroclor-1221	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Aroclor-1232	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Aroclor-1242	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Aroclor-1248	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Aroclor-1254	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Aroclor-1260	ug/L	0.2	0.5	0.5	--	45	45	0.1 U [0.1 U]	0.1 U
Total PCBs	ug/L	0.2	0.5	0.5	--	--	--	0.1 [0.1]	0.1 U
Volatile Organics									
1,2,3-Trimethylbenzene	ug/L	--	--	--	--	--	--	NA	1 U
2-Methylnaphthalene	ug/L	19	260	750	--	--	--	NA	5 U
Acrylonitrile	ug/L	2	2.6	11	--	--	--	NA	2 U
Hexachloroethane	ug/L	6.7	7.3	21	--	--	--	NA	5 U
Iodomethane	ug/L	--	--	--	--	--	--	NA	1 U
m&p-Xylene	ug/L	--	--	--	--	--	--	NA	2 U
Tetrahydrofuran	ug/L	11,000	95	270	--	--	--	NA	90 U
trans-1,4-Dichloro-2-butene	ug/L	--	--	--	--	--	--	NA	1 U
Acetone	ug/L	1,700	730	2,100	--	1,000,000,000	1,000,000,000	NA	50 U
Benzene	ug/L	200	5	5	--	5,600	35,000	NA	1 U
Bromobenzene	ug/L	--	18	50	--	--	--	NA	1 U
Bromodichloromethane	ug/L	--	80	80	--	4,800	37,000	NA	1 U
Bromoform	ug/L	--	80	80	--	470,000	3,100,000	NA	1 U
Bromomethane	ug/L	35	10	29	--	4,000	9,000	NA	5 U
2-Butanone	ug/L	2,200	13,000	38,000	--	240,000,000	240,000,000	NA	25 U
n-Butylbenzene	ug/L	--	80	230	--	--	--	NA	1 U
sec-Butylbenzene	ug/L	--	80	230	--	--	--	NA	1 U
tert-Butylbenzene	ug/L	--	80	230	--	--	--	NA	1 U
Carbon Disulfide	ug/L	--	800	2,300	--	250,000	550,000	NA	5 U
Carbon Tetrachloride	ug/L	45	5	5	--	370	2,400	NA	1 U
CFC-11	ug/L	--	2,600	7,300	--	1,100,000	1,100,000	NA	1 U
CFC-12	ug/L	--	1,700	4,800	--	220,000	300,000	NA	5 U
Chlorobenzene	ug/L	25	100	100	--	210,000	470,000	NA	1 U
Chlorobromomethane	ug/L	--	--	--	--	--	--	NA	1 U
Chlorodibromomethane	ug/L	--	80	80	--	14,000	110,000	NA	5 U
Chloroethane	ug/L	1,100	430	1,700	--	5,700,000	5,700,000	NA	5 U
Chloroform	ug/L	350	80	80	--	28,000	180,000	NA	1 U
Chloromethane	ug/L	--	260	1,100	--	8,600	45,000	NA	5 U
Cymene	ug/L	--	--	--	--	--	--	NA	5 U
1,2-Dibromo-3-chloropropane	ug/L	--	0.2	0.2	--	220	1,200	NA	5 U
1,2-Dibromoethane	ug/L	5.7	0.05	0.05	--	2,400	15,000	NA	1 U
Dibromomethane	ug/L	--	80	230	--	--	--	NA	5 U
1,2-Dichlorobenzene	ug/L	13	600	600	--	160,000	160,000	NA	1 U
1,3-Dichlorobenzene	ug/L	28	6.6	19	--	18,000	41,000	NA	1 U
1,4-Dichlorobenzene	ug/L	17	75	75	--	16,000	74,000	NA	1 U
1,1-Dichloroethane	ug/L	740	880	2,500	--	1,000,000	2,300,000	NA	1 U
1,2-Dichloroethane	ug/L	360	5	5	--	9,600	59,000	NA	1 U
1,1-Dichloroethene	ug/L	130	7	7	--	200	1,300	NA	1 U
cis-1,2-Dichloroethene	ug/L	620	70	70	--	93,000	210,000	NA	1 U
trans-1,2-Dichloroethene	ug/L	1,500	100	100	--	85,000	200,000	NA	1 U
Dichloromethane	ug/L	1,500	5	5	--	220,000	1,400,000	NA	5 U
1,2-Dichloropropane	ug/L	230	5	5	--	16,000	36,000	NA	1 U
cis-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	NA	1 U
trans-1,3-Dichloropropene	ug/L	--	--	--	--	--	--	NA	1 U
Diethyl Ether	ug/L	--	10	10	--	--	--	NA	10 U
Ethylbenzene	ug/L	18	74	74	700	110,000	170,000	NA	1 U
Isopropylbenzene	ug/L	28	800	2,300	--	56,000	56,000	NA	5 U
Methyl N-Butyl Ketone	ug/L	--	1,000	2,900	--	4,200,000	8,700,000	NA	50 U

Table 2
Summary of Groundwater Analytical Results
2016 Annual Groundwater Monitoring Report
RACER trust Pontiac North Campus

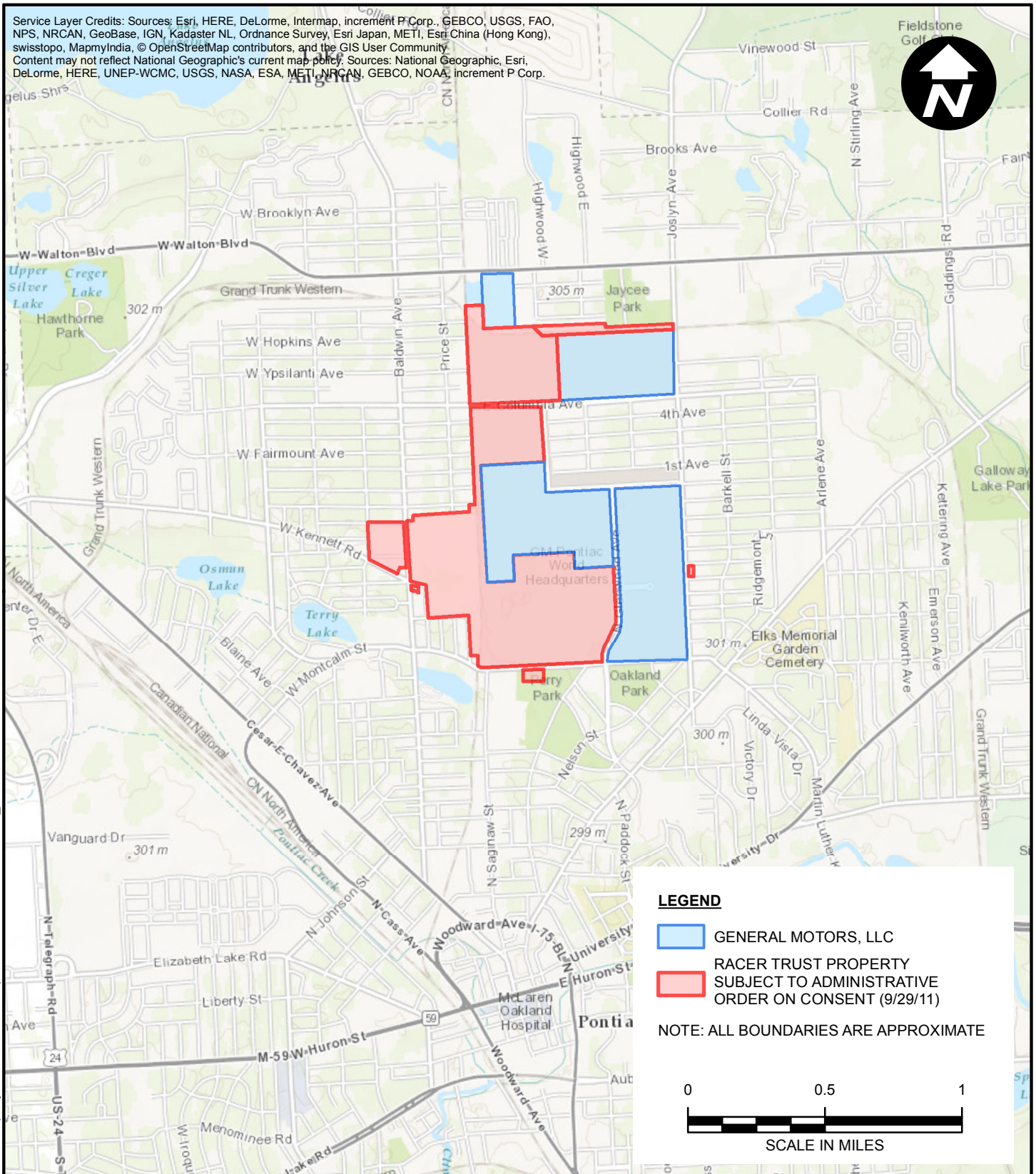
Location ID: Date Collected: Sample Name:	Units	Groundwater Surface Water Interface Shaded	Residential Drinking Water Yellow HL	Non-Residential Drinking Water Orange HL	Non-Residential Health Based Drinking Water Value Bold	Res GW Volatilization to Indoor Air Inhalation Italics	Non-Res GW Volatilization to Indoor Air Inhalation Red Type	MWW1-04 09/21/16 MWW1-04_092116	MWW10-03 09/21/16 MWW10-03_092116
4-Methyl-2-pentanone	ug/L	--	1,800	5,200	--	20,000,000	20,000,000	NA	50 U
Methyl tert-butyl ether	ug/L	7,100	40	40	690	47,000,000	47,000,000	NA	5 U
Naphthalene	ug/L	11	520	1,500	--	--	--	NA	5 U
n-Propylbenzene	ug/L	--	80	230	--	--	--	NA	1 U
Styrene	ug/L	80	100	100	--	170,000	310,000	NA	1 U
1,1,1,2-Tetrachloroethane	ug/L	--	77	320	--	--	--	NA	1 U
1,1,2,2-Tetrachloroethane	ug/L	78	8.5	35	--	12,000	77,000	NA	1 U
Tetrachloroethene	ug/L	60	5	5	--	25,000	170,000	NA	1 U
Toluene	ug/L	270	790	790	1,000	530,000	530,000	NA	1 U
1,2,3-Trichlorobenzene	ug/L	--	--	--	--	--	--	NA	5 U
1,2,4-Trichlorobenzene	ug/L	99	70	70	--	300,000	300,000	NA	5 U
1,1,1-Trichloroethane	ug/L	89	200	200	--	660,000	1,300,000	NA	1 U
1,1,2-Trichloroethane	ug/L	330	5	5	--	17,000	110,000	NA	1 U
Trichloroethene	ug/L	200	5	5	--	2,200	4,900	NA	1 U
1,2,3-Trichloropropane	ug/L	--	42	120	--	--	--	NA	1 U
1,2,4-Trimethylbenzene	ug/L	17	63	63	--	--	--	NA	1 U
1,3,5-Trimethylbenzene	ug/L	45	72	72	--	--	--	NA	1 U
Vinyl Chloride	ug/L	13	2	2	--	1,100	13,000	NA	1 U
o-Xylene	ug/L	--	--	--	--	--	--	NA	1 U
Inorganics									
Antimony	mg/L	0.13	0.006	0.006	--	--	--	0.005 U [0.005 U]	NA
Lead	mg/L	--	0.004	0.004	--	--	--	NA	0.003 U
Manganese	mg/L	--	0.05	0.05	2.5	--	--	NA	0.060
Vanadium	mg/L	0.027	0.0045	0.062	--	--	--	0.013 [0.013]	NA

Notes:
mg/L = milligrams per liter.
µg/L = micrograms per liter.
"U" indicates the compound was analyzed for but not detected. The associated value is the compound quantitation limit
Duplicate analyses are presented in brackets.
"NA" indicates that the compound was not analyzed
All criteria listed are from Michigan Department of Environmental Quality Operational Memorandum #1, Attachment #1, dated December 30, 2013
Shaded values exceed Michigan Groundwater Surface Water Interface.
Yellow highlighted values exceed Michigan Residential Drinking Water
Orange highlighted values exceed Non-Residential Drinking Water.
Bold values exceed Non-Residential Health Based Drinking Water Value.
Values in italics exceed Residential Groundwater Volatilization to Indoor Air Inhalation
Values in red type exceed Non-Residential Groundwater Volatilization to Indoor Air Inhalation

FIGURES



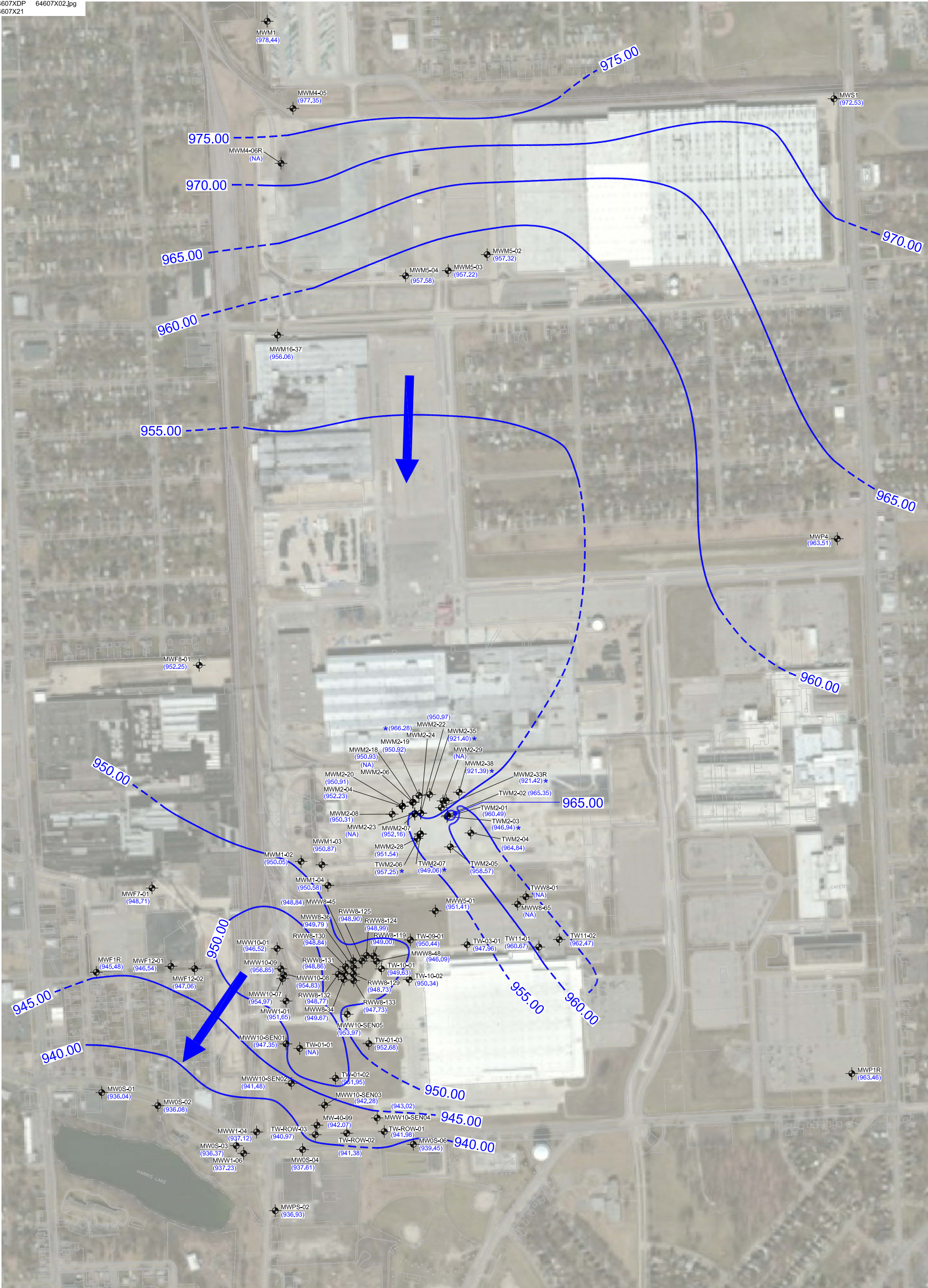
Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
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PONTIAC, MICHIGAN

SITE LOCATION

XREFS: IMAGES:
64607XDP 64607X02.jpg
64607X21

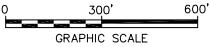


LEGEND:

- GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER ELEVATION (DASHED WHERE INFERRED)
- WELL NOT USED FOR GROUNDWATER CONTOURING
- GROUNDWATER CONTOUR (CONTOUR INTERVAL 5.0 FEET)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- NA NOT AVAILABLE
- ROW RIGHT-OF-WAY

NOTES:

- ALL SAMPLE LOCATIONS ARE APPROXIMATE.
- GROUNDWATER ELEVATIONS CALCULATED FROM WATER LEVELS COLLECTED ON SEPTEMBER 19 AND 20, 2016.
- ALL ELEVATIONS ARE REFERENCED TO A MEAN SEE LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE MEAN SEE LEVEL.
- ONLY WELLS WHICH WERE GAUGED ON THIS EVENT ARE PRESENTED.
- THE EQUIVALENT GROUNDWATER ELEVATION IS CALCULATED WHERE LNAPL IS PRESENT USING THE LNAPL SURFACE ELEVATION, THE THICKNESS OF LNAPL AND THE APPROXIMATE SPECIFIC DENSITY OF THE LNAPL (0.8).



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PONTIAC, MICHIGAN
PONTIAC NORTH CAMPUS

GROUNDWATER CONTOUR MAP
SEPTEMBER - 2016

APPENDIX A

Letter to USEPA



Transmitted Via Email

October 30, 2009

Mr. Nate Nemani
United States Environmental Protection Agency
Region V, LU-9J
77 West Jackson Street
Chicago, IL 60604-3590
LU-9J

Re: GM Pontiac North Campus – Semi-Annual Groundwater Monitoring Program Proposed Modifications

Dear Mr. Nemani:

The purpose of this letter is to request approval from the United States Environmental Protection Agency (U.S. EPA) to modify the Groundwater Monitoring Program (GMP) for the General Motors Pontiac North Campus Facility (Facility) located in Pontiac, Michigan.

GM Corporation filed for Chapter 11 protection on June 1, 2009 under the Bankruptcy Code. On July 10, 2009, GM Company (since renamed GM LLC) was created through the sale of certain GM Corporation assets pursuant to Section 363 of the Bankruptcy Code. General Motors Corporation (renamed MLC) remains in Chapter 11 bankruptcy protection and is managing the assets that were not sold to GM Company (now GM LLC). A portion of the Pontiac North Campus is part of GM LLC and a portion remains with MLC. GM LLC and MLC are jointly submitting this request until the facility separation discussions (e.g., utility splits) are completed and we have an agreement with U.S. EPA on managing the Corrective Action in the future.

Attachment A details the proposed changes to the GMP and provides supporting information. These include the elimination of select monitoring wells and parameters, a change in monitoring frequency and terminating the program after 2 additional years of sampling.

We are requesting U.S. EPA approval of the proposed modifications to the GMP provided in Attachment A, including termination of the program after an additional 2 years (ending in November 2011) if concentrations remain stable or decline. MLC and GM LLC feel that a 2 year timeframe is appropriate given the quantity of groundwater data that has been generated since 2001. Based on the extensive database of analytical data, and the observed stability of groundwater conditions at the Facility, the proposed modifications present a modest reduction in monitoring that will continue to demonstrate that the conditions at the Facility are adequately assessed.

The next semi-annual groundwater sampling event is scheduled for early December 2009. We would appreciate your expeditious review of these modifications so we can eliminate unnecessary sampling during the December monitoring event. To facilitate your review, GM LLC and MLC propose a conference call on Thursday November 5th or Friday November 6th, 2009 to discuss these proposed modifications to the Groundwater Monitoring Program. In the meantime, if you have any questions please feel free to contact the undersigned.

Sincerely,

Robert Hare
MLC Project Manager
248-225-3277

Jean Caufield
GM LLC Project Manager
313-506-9468

cc: John McKenna, ARCADIS
Gavin O'Neill, CRA
Francis Ramacciotti, ENVIRON

Attachment A
Proposed Modifications
Semi-Annual Groundwater Monitoring Program

On October 10, 2000, GM Corporation (now MLC) and the U.S. EPA entered into a Performance Based Corrective Action Agreement for the Pontiac North Campus Site. The Site encompasses approximately 595 acres in the northwest quadrant of the City of Pontiac. Groundwater samples have been collected from select monitoring wells on a semi-annual basis since 2002 as part of the GMP to demonstrate that constituent concentrations in groundwater are stable and that migration of contaminated groundwater is not occurring. The Groundwater Monitoring Program (GMP) was presented as part of the Environmental Indicators (EI) CA750 determination (ENVIRON, 2002). Since 2002, GM Corporation added several additional monitoring wells to the GMP at the request of the U.S. EPA. Following each monitoring event a report summarizing the results was prepared and submitted to U.S. EPA. Following the semi-annual sampling events of 2008, the groundwater monitoring program was evaluated to determine if modifications to the plan are warranted.

Two initial rounds of sampling were completed at each monitoring well that was installed as part of the RFI Work Plan (ENCORE, 2001). Monitoring wells included in the GMP have been sampled on a semi-annual basis since 2002. Additional wells were added to the GMP as additional RFI activities were completed or additional groundwater monitoring was required as a provision for completed Interim Measures (IM). When the analytical data from the semi-annual sampling appeared to be anomalous an additional groundwater sample was immediately collected from that individual well to verify the results for individual constituent(s). These confirmation samples are identified as a Partial Sample Event.

A comprehensive database of these analytical results has been developed over the past eight years. Even though groundwater at the Facility is not used as a drinking water source, analytical results were compared against both Michigan Department of Environmental Quality (MDEQ) Part 201 Residential Drinking Water criteria (RDW) and Industrial Drinking Water (IDW) criteria. Stable or reducing conditions have been observed in at least four sampling events in the analytical results at several locations included in the GMP.

This submittal proposes the following:

- 1) Elimination of select monitoring wells and parameters from the GMP,
- 2) Change the frequency of monitoring from semi-annual to annual; and
- 3) Implement the GMP for 2 more years and terminate it after that provided the data continue to show stable or decreasing trends.

The attached Table 1 provides an evaluation of each monitoring well in the semi-annual sampling program, and indicates modifications being proposed to the sample collection frequency and associated groundwater analysis.

SEMI-VOLATILE ORGANIC COMPOUNDS

Semi-volatile organic compounds (SVOCs) were analyzed for at the majority of the monitoring wells in the GMP. Two SVOCs were only detected above drinking water criteria in three monitoring wells, IWD7, MWW1-02 and MWW1-04. Bis (2-Ethylhexyl)phthalate was detected above the screening criteria once (January 2002) out of 16 sampling events at monitoring well IWD7 and once (October 2004) out of 14 sampling events at well MWW1-02. Bis (2-Ethylhexyl)phthalate is a common laboratory contaminant. Pentachlorophenol was detected above the screening criteria in monitoring well MWW1-04 four (November 2005, February 2006, May 2006, and November 2007) out of 15 samples collected. Based on this evaluation, it is proposed that SVOCs be removed from the analytical parameter list for the GMP.

SHALLOW MONITORING WELLS

For shallow monitoring wells (designated MW) at the Facility, 8 monitoring wells are proposed for elimination from the sampling program. Sample frequency for the remaining monitoring wells is proposed to be reduced from semi-annual to annual for two more years, ending in November 2011 (see Table 1A). The eight monitoring wells (MWD6, MWW1-02, MWW1-03, MWW1-06, MWF12-02, MWM16-05, MWM16-22, and MWM16-54) are proposed to be removed from the GMP because the analytical results have either not exceeded drinking water criteria, were non-detect, or if constituents were detected above criteria the concentrations have stabilized.

Monitoring wells located downgradient of light non-aqueous phase liquid (LNAPL) Area Nos. 1, 2, 3, and 9/10 will continue to be sampled to monitor the upgradient LNAPL areas. Monitoring wells MW40-99 and MWW9-01 are all located downgradient of LNAPL areas. These monitoring locations have not exhibited elevated concentrations of volatile organic compounds (VOCs), PCBs, or site specific parameter list (SSPL) metals and detected concentrations have stabilized. However, they will continue to be sampled to monitor the upgradient LNAPL areas. We propose that these wells be sampled annually instead of the current semi-annual monitoring.

For shallow monitoring wells that have a limited number of sample events (MWW5-01, MWM16-21, MWM16-43, and MWW8-65) the sample frequency will be reduced to annually. Some of these wells have only been sampled three to five times, thus precluding observation of contaminant concentration trends.

Five shallow monitoring wells have been sampled for total dioxins (MWW1-02, MWW1-03, MWW1-04, MWW1-06, and MW40-99). Exceedances of the screening criteria were observed at MWW1-03, MWW1-04 and MW40-99. Dioxins have been reported exceeding criteria three times (15 total samples collected) in monitoring well MWW1-03 and have not been detected above criteria since May 2008. Following the detection of dioxins exceeding criteria in May 2008 a confirmatory sample was collected and the results were non-detect. Dioxins have been reported exceeding criteria once (15 total samples) in monitoring well MWW1-04 and have not been reported exceeding criteria since May 2006. Dioxins have been reported exceeding criteria twice (14 total samples) in monitoring well MW40-99 and have not been reported exceeding criteria since May 2007. We are proposing that dioxins be removed from the sampling program due to the low levels observed and stability of the analytical results.

INTERMEDIATE MONITORING WELLS

We are proposing that intermediate monitoring wells (designated IW) at the Facility be removed from the groundwater sampling program, as shown on Table 1B. Groundwater samples have been collected from monitoring well IWP5 a total of 15 times. Thallium (dissolved) was detected in this well above screening criteria in January 2001 and has not exceeded the screening criteria since (15 sample events). Acetone has also been detected above the screening criteria; however it was reported in the RFI Report (ENCORE 2002) that it has been documented that bentonite pellets, which were used in the well construction, have been known to contain acetone. Acetone is also a common laboratory contaminant. Acetone has not been detected above criteria since November 2002 (12 sample events). Groundwater samples have also been collected 15 times from monitoring well IWD7. Bis (2-Ethylhexyl)phthalate, lead, and vanadium were detected above the screening criteria once in January 2002. Since that time these three constituents have not been detected above screening criteria (13 sample events). Arsenic was detected twice above screening criteria (May and November 2007 sampling events) in this well. In both subsequent sampling events (October 2007 and November 2008) arsenic did not exceed the screening criteria.

Groundwater samples have never been collected from monitoring well IWP2, due to insufficient water in the well to collect a sample. For this reason, this well should be removed from the GMP and abandoned.

DEEP MONITORING WELLS

We are proposing that deep monitoring wells (designated GW and DW) be removed from the groundwater sampling program (Table 1C). As part of the original RFI activities, groundwater monitoring wells were installed into two deeper groundwater bearing units (outwash deposits) at the Facility. Deep monitoring wells designated as GW (e.g. GWD8) were installed between 878 and 893 feet above mean sea level (AMSL) in a sand zone (upper outwash deposits). The depth of the GW wells range from 55 to 107 feet below ground surface. Monitoring wells were also installed in a deeper groundwater bearing zone (lower outwash deposits) to determine if a downward vertical hydraulic gradient existed at the Facility and if constituents detected in the shallower water bearing units had migrated to the lower water bearing units. These monitoring wells installed in the lower outwash deposits were designated as DW (e.g. DWD10) and were installed between 808 and 858 AMSL in a sand and gravel zone. The depth of the DW wells range from 115 to 150 feet below ground surface.

Chromium has been detected twice and vanadium once exceeding criteria in monitoring well GWP6. Neither has been detected above criteria since November 2007. Lead and vanadium have been detected once each exceeding criteria in monitoring well GWP3; neither has been detected above criteria since May 2005. The only other two constituents detected above criteria were methylene chloride in monitoring well DWD12 in (May 2003) and acetone in monitoring wells GWD8 (September 2001), GWD9 (May and December 2003), GWP3 (September 2001, and GWP6 (September 2001 and January 2002). Both of these constituents are common laboratory contaminants and acetone has also been documented to be contained in bentonite pellets.

Arsenic is the only other constituent observed above screening criteria in the lower outwash deposits at the Facility. The concentrations of arsenic in the monitoring wells installed in both the upper (GW) and

lower (DW) outwash deposits have been consistent over time. Elevated arsenic concentrations in groundwater in southeastern Michigan are well documented and it is believed that the concentrations detected in these deep monitoring wells are associated with regional background levels. In addition, for monitoring wells where arsenic has been detected above criteria the concentrations have stabilized.

Due to the lack of reported exceedances of VOCs, SVOCs, and PCBs in the deep saturated groundwater zone, it is proposed that the deep monitoring wells be removed from the groundwater monitoring program.

Tables 1A through 1C provide a detailed summary of the proposed changes to the groundwater monitoring program. Appendix A provides the complete set of the semi-annual groundwater sampling analytical tables.

APPENDIX B

Email Approval from USEPA



Subject: FW: GM Pontiac North Campus - Semi-Annual Groundwater Monitoring Program Proposed Modifications
Attachments: PNC GMP Modification Proposal 10-30-09.pdf

-----Original Message-----

From: Nemani.Nate@epamail.epa.gov [mailto:Nemani.Nate@epamail.epa.gov]
Sent: Monday, November 23, 2009 2:59 PM
To: Hare, Robert
Cc: Landale, Beth; jean.e.caufield@gm.com; McKenna, John; O'Neill, Gavin
Subject: Re: GM Pontiac North Campus - Semi-Annual Groundwater Monitoring Program Proposed Modifications

Bob:

The proposal modifications to the semi-annual Groundwater Monitoring Program (GMP) outlined in the October 30, 2009 e-mail w/ attachments for the subject facility have been reviewed.

The submittal requested approval for the following provisions.

- a) Elimination of select monitoring wells and parameters from the GMP .
- b) Change of frequency of monitoring from semi-annual to annual for certain wells.
- c) Implement the GMP for two (2) more years and terminate it after that provided the data continue to show stable or decreasing trends.

Based on the review and the justifications offered for the changes, the above provisions a) and b) are hereby approved.

Regarding the provision c), to terminate the GW monitoring after 2 years, a separate request , will need to be submitted at the of the 2-year period with pertinent documentation.

If you have any questions, please contact me.

Nate

NATE NEMANI, P.E.
RCRA CORRECTIVE ACTION PROJECT MANAGER
LAND AND CHEMICALS DIVISION
REMEDATION AND REUSE BRANCH,
U. S.EPA, REGION 5 ,
77 W JACKSON Blvd, CHICAGO, ILLINOIS, 60604, Mail Code: LU-9J
(312) 886-3224 (PHONE)
(312) 692-2176 (FAX)
nemani.nate@epa.gov (e-mail address)

From: "O'Neill, Gavin" <goneill@craworld.com>
To: Nate Nemani/R5/USEPA/US@EPA
Cc: "Hare, Robert" <rhare@alixpartners.com>, <jean.e.caufield@gm.com>, "Landale, Beth" <blandale@craworld.com>, "McKenna, John" <John.McKenna@arcadis-us.com>
Date: 10/30/2009 01:02 PM
Subject: GM Pontiac North Campus - Semi-Annual Groundwater Monitoring Program Proposed Modifications

Mr. Nemani

Please find attached a joint request from GM LLC and MLC to modify the Semi-Annual Groundwater Monitoring Program for the GM Pontiac North Campus. As presented in the attached letter, we are proposing a conference call next week on either November 5 or 6, 2009 to discuss the proposed modifications. Please let us know at your earliest convenience your availability for those dates.

Should you have any questions or require additional information, please contact our office.

Gavin O'Neill
Conestoga-Rovers & Associates (CRA)

1880 Assumption St., Unit 200
Windsor, Ontario, N8Y 1C4

Phone: 519.996.9886

Fax: 519.996.3894

Cell: 519.965.9000

Email: goneill@CRAworld.com

www.CRAworld.com

Think before you print P

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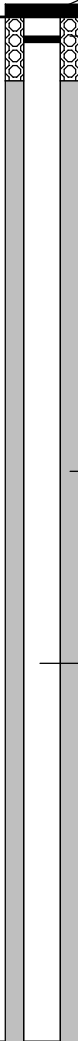
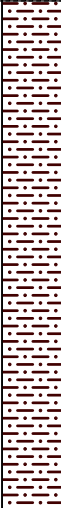
[attachment "PNC Proposed Modifications to GMP.pdf" deleted by Nate Nemani/R5/USEPA/US]

APPENDIX C

Well Construction Logs



Date Start/Finish: 11/1/04 Drilling Company: Prosonic Corporation Driller's Name: Dan O'Mara Drilling Method: RotoSonic Sampler Size: NA Rig Type: NA	Northing: 428180.1 Easting: 13411781.45 Casing Elevation: 980.67 Borehole Depth: 43' Surface Elevation: 980.86 Descriptions By: Wayne Patterson	Well ID: MWM16-37 Client: General Motors Corporation Location: Pontiac North Campus Pontiac, Michigan
--	--	---

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
0	0								
		1	0-7'	100%	BG	CL		CONCRETE. Brown LEAN CLAY with SILT, some fine to coarse Sand, little fine Gravel, stiff, moist, 0.5 feet of Gravel below concrete - wet.	 Flushmount Protective Casing Portland Cement (0 - 1' bgs) Hydrated Bentonite Chips (1' - 23' bgs) 2" ID PVC Riser Pipe (0' - 25' bgs)
5	-5							Yellow brown SILT, medium dense, dry.	
10	-10	2	7'-18'	100%	BG			At 14 - 15' - Wet.	
15	-15					ML			
								Remarks: bgs = below ground surface ppm = parts per million NA = not applicable/not available BG = background	

Client:

General Motors Corporation

Boring ID: MWM16-37

Site Location:

GM Pontiac North Campus

Borehole Depth: 43'

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
20-20		3	18'-28'	100%	BG			At 22 - 23' - Wet.	
25-25								Pale brown poorly graded fine SAND, loose, dry.	
30-30		4	28'-38'	100%	BG	SP		Sand is fine to medium grained, color is brown, wet.	Sand Pack (23' - 35' bgs)
35-35								Color becomes dark gray, fine to coarse Sand, trace fine Gravel, wet.	2" ID 0.010" Wire Wrapped PVC Screen (25' - 35' bgs)
								Remarks: bgs = below ground surface ppm = parts per million NA = not applicable/not available BG = background	

Client:

General Motors Corporation

Boring ID: MWM16-37**Site Location:**

GM Pontiac North Campus

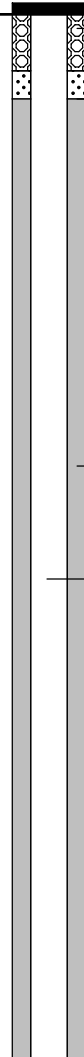
Borehole Depth: 43'

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
40-40						SP/ML/CL		Dark gray interbedded SAND, SILT, and LEAN CLAY with SILT.	 Natural Collapse (35' - 43' bgs)
						CL		Dark gray LEAN CLAY with SILT, some fine to coarse Sand, little fine Gravel, stiff, moist.	



Remarks: bgs = below ground surface
ppm = parts per million
NA = not applicable/not available
BG = background

Date Start/Finish: 7/22/05 Drilling Company: Prosonic Driller's Name: NA Drilling Method: 4.25" HSA Sampler Size: 5" Rig Type: 6610DT Trackmount Geoprobe	Northing: 428027.8 Easting: 13411606 Casing Elevation: 979.66 Borehole Depth: 40' bgs Surface Elevation: 980.24 Descriptions By: Wayne Patterson	Well ID: MWM16-43 Client: General Motors Corporation Location: Pontiac North Campus Pontiac, Michigan
--	---	---

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
0	980	1	0-0.5'	0.5'	NA			CONCRETE. No samples collected from 0.5-25' bgs. See log for MWM16-41 for geologic description.	 Concrete (0-1' bgs) Flushmount Protective Casing #5 Sand Pack (1-1.5' bgs) Bentonite Chips (1.5-22.5' bgs) 2" ID PVC Riser (0-25' bgs)
5	975								
10	970								
15	965								



Remarks: bgs = below ground surface
ppm = parts per million
NA = Not Applicable/Not Available
BG = background

Client:

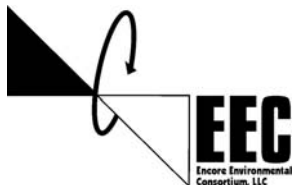
General Motors Corporation

Boring ID: MWM16-43**Site Location:**

GM Pontiac North Campus

Borehole Depth: 40' bgs

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description	Well Construction
20	960							No samples collected from 0.5-25' bgs. See log for MWM16-41 for geologic description.	Bentonite Chips (1.5-22.5' bgs)
25	955							Brown fine to medium, poorly graded SAND, medium dense, wet, no odor.	2" ID 0.010" Wire Wrapped PVC Screen (25-35' bgs)
30	950					SP		Becomes grayish brown, fine to coarse Sand at 32' bgs.	#5 Sand Pack (22.5-35' bgs)
35	945					CL		Dark gray CLAY with Silt, little coarse Sand to fine Gravel, some fine to medium Sand, stiff, moist.	Bentonite Chips (35-40' bgs)
40	940							End of boring at 40' bgs.	

**Remarks:** bgs = below ground surface

ppm = parts per million

NA = Not Applicable/Not Available

BG = background

APPENDIX D

Historical Semi-Annual Sampling Event Groundwater Analytical Data
Summary (CD)



Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID:		DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/07/07	05/07/08	11/06/08	01/18/02	11/12/02	05/20/03	10/31/03
VOCs																			
1,1,1-Trichloroethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,1,2,2-Tetrachloroethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,1,2-Trichloroethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,1-Dichloroethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,1-Dichloroethene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,2,4-Trichlorobenzene	mg/L	0.01 U	0.0033 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	NA
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.02 U	0.0067 U	0.002 UJ	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,2-Dichlorobenzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,2-Dichloroethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,2-Dichloropropane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,3-Dichlorobenzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
1,4-Dichlorobenzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.1 U	0.033 UJ	0.00096 J	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U	NA
2-Hexanone	mg/L	0.1 U	0.033 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U	NA
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.1 U	0.033 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Acetone	mg/L	0.1 U	0.033 UJ	0.045 J	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U	NA
Benzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Bromodichloromethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Bromoform	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Bromomethane (Methyl Bromide)	mg/L	0.01 UJ	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Carbon disulfide	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00024 J	0.00055 J	0.00093 J	NA
Carbon tetrachloride	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Chlorobenzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Chloroethane	mg/L	0.01 UJ	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Chloroform (Trichloromethane)	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Chloromethane (Methyl Chloride)	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.00021 J	0.001 U	0.001 U	0.00014 J	0.00021 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
cis-1,2-Dichloroethene	mg/L	0.005 U	0.0017 U	0.0005 UJ	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	NA
cis-1,3-Dichloropropene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	NA
Cyclohexane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	NA
Dibromochloromethane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Dichlorodifluoromethane (CFC-12)	mg/L	0.02 U	0.0067 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	NA
Ethylbenzene	mg/L	0.01 U	R	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	R	R	0.001 UJ	NA
Isopropylbenzene	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00061 J	0.001 U	0.001 U	0.001 U	0.001 U	NA
Methyl acetate	mg/L	0.1 U	0.033 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Methyl cyclohexane	mg/L	0.01 U	0.0033 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	NA
Methyl Tert Butyl Ether	mg/L	0.05 U	0.017 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0052	0.0014 J	0.0027 J	NA
Methylene chloride	mg/L	0.01 U	0.0016 J	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.018	0.001 UJ [0.001 UJ]
Styrene	mg/L	0.01 UJ	0.0033 U	R	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0006 J	0.001 U	0.001 U	0.001 U	R	NA
Tetrachloroethene	mg/L	0																	

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October 2012 Semiannual Appendix C.xlsx

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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ATTORNEY WORK PRODUCT

Sample ID:		DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/07/07	05/07/08	11/06/08	01/18/02	11/12/02	05/20/03	10/31/03
SVOCs																			
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Isophorone	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Naphthalene	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Phenol	mg/L	0.005 U	0.006	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Pyrene	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
CDD/F																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/07/07	05/07/08	11/06/08	01/18/02	11/12/02	05/20/03	10/31/03	
CDD/F-Filtered																				
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																				
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 UJ	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Aroclor-1260 (PCB-1260)	mg/L	R	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	NA
Total PCBs-Realm/Encore	mg/L	0.0014 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA
Pests/PCBs-Filtered																				
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																				
Antimony	mg/L	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA
Arsenic	mg/L	0.01 U	0.0044 J	0.0145 J	0.0055 J	0.0069 J	0.0053 J	0.0104	0.0061 J	0.0072	0.0074	0.0093	0.0084	0.0067	0.006	0.0312	0.0395	0.0364		NA
Barium	mg/L	0.126	0.148	0.16 J	0.15	0.146	0.146	0.168	0.154	0.151	0.153	0.167	0.155	0.492	0.477	0.215	0.585	0.494		NA
Beryllium	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chromium (Total)	mg/L	0.0034 J	0.0033 J	0.0091 J	0.0035 J	0.01 U	0.01 U	0.0063 J	0.01 U	0.01 U	0.01 U	0.0024 J	0.0098 J	0.0058 J	0.0049 J	0.01 U	0.0084 J	0.0047 J		NA
Cobalt	mg/L	0.02 U	0.02 U	0.00076 J	0.02 U	0.0052 J	0.02 U	0.001 J	0.0026 J	0.02 U	0.02 U	0.02 U	0.02 U	0.004 J	0.02 U	0.02 U	0.02 U	0.0084 J		NA
Copper	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.0016 J	0.003 U	0.003 U	0.003 U	0.003	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA
Manganese	mg/L	0.01 U	0.0296	0.0326 J	0.0243	0.0243	0.0228	0.0387	0.0229	0.0251	0.0262	0.0267	0.0276	0.0212	0.0195	0.01 U	0.0675	0.0597		NA
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Nickel	mg/L	0.003 J	0.0048 J	0.0099 J	0.0039 J	0.02 U	0.02 U	0.0067 J	0.02 U	0.02 U	0.02 U	0.0021 J	0.0076 J	0.02 U	0.0046 J	0.02 U	0.0093 J	0.0031 J		NA
Selenium	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Silver	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0013 J	0.005 U		NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 UJ	0.00004 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA
Zinc	mg/L	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0523	0.02 U	0.02 U	0.02 U	0.02 U	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD10	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/07/07	05/07/08	11/06/08	01/18/02	11/12/02	05/20/03	10/31/03
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	NA	NA	NA
Arsenic (Dissolved)	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0259	NA	NA	NA
Barium (Dissolved)	mg/L	0.115	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.202	NA	NA	NA
Beryllium (Dissolved)	mg/L	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA
Cadmium (Dissolved)	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
Chromium Total (Dissolved)	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
Cobalt (Dissolved)	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA
Copper (Dissolved)	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
Lead (Dissolved)	mg/L	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U	NA	NA	NA
Manganese (Dissolved)	mg/L	0.0345 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
Mercury (Dissolved)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA
Nickel (Dissolved)	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA
Selenium (Dissolved)	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
Silver (Dissolved)	mg/L	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
Thallium (Dissolved)	mg/L	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA
Vanadium (Dissolved)	mg/L	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
Zinc (Dissolved)	mg/L	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																			
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	NA	NA	NA	0.478	NA	NA	NA	NA	NA	NA	491	0.478	1.174	1.33	NA	NA	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.05	0.2	0.38	1.59	0.05	NA	NA	NA	NA
ORP, Field	millivolts	NA	NA	NA	NA	NA	NA	NA	NA	NA	-84	147	-124	-169	-199	NA	NA	NA	NA
pH Field	pH Units	NA	NA	NA	NA	NA	7.6	7.56	7.6	7.35	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	s.u.	NA	NA	NA	7.61	NA	NA	NA	NA	NA	7.59	6.78	7.32	7.36	6.89	NA	NA	NA	NA
Temperature	Deg C	NA	NA	NA	9.39	NA	NA	NA	NA	NA	12.22	12.69	11.32	14.21	15.46	NA	NA	NA	NA
Temperature, Ambient	Deg F	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	NA	35	65	60	NA	NA	NA	NA
Turbidity (Field)	NTU	NA	NA	NA	4.81	NA	NA	NA	NA	NA	4.49	3.21	4.5	NA	4.42	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	GWD8	GWD8	GWD8	GWD8	GWD8	GWD8
Date Collected:	Units	12/17/03	05/04/04	10/27/04	05/13/05	11/04/05	05/18/06	11/10/06	05/04/07	11/09/07	05/08/08	11/06/08	09/14/01	01/10/02	05/21/03	12/12/03	05/05/04	10/26/04	
VOCs																			
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.006 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.01 U	0.0031 U	0.001 U	0.001 U	R	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.012 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0064 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0096 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00048 J
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0068 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 UJ	0.002 U [0.002 U]	0.002 U	0.002 U [0.002 U]	0.002 U [0.002 U]	0.002 U [0.002 U]	0.002 U	0.025 U	0.0062 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0088 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0044 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0084 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0068 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.006 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0068 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U	0.016 U	0.031 UJ	0.01 U	0.01 U	0.00041 J	0.01 UJ	0.01 UJ
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U	0.018 U	0.031 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U	0.0092 U	0.031 U	0.00032 J	0.00036 J	R	0.01 U	0.01 U
Acetone	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ [0.01 UJ]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.0012 J	3.1	0.14 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0064 U	0.0045	0.00056 J	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 U	0.0068 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0072 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 U	0.008 U	0.0031 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.008 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00038 J
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0048 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0056 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.01 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 U	0.0056 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.00027 J	0.001 U [0.001 U]	0.00033 J [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0052 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0088 U	0.0016 UJ	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 UJ	0.0048 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 UJ	0.0052 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ [0.001 UJ]	0.001 U	0.01 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U [0.002 U]	0.002 U	0.002 U [0.002 U]	0.002 U [0.002 U]	0.002 U [0.002 U]	0.002 UJ	0.01 U	0.0062 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ	0.0048 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0048 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U	0.016 U	0.031 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ	0.006 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 UJ	0.00037 J	0.0003 J	0.00019 J	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0052 U	0.016 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.014 U	0.0031 UJ	0.001 U	0.0022 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.006 U	0.0031 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0092 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.00038 J	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0072 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.011 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.006 U	0.0016 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ	0.011 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Trichloroethene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.0056 U	0.0031 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 UJ	0.011 U	0.0031 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.00								

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October 2012 Semiannual Appendix C.xlsx

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID:		DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	12/17/03	05/04/04	10/27/04	05/13/05	11/04/05	05/18/06	11/10/06	05/04/07	11/09/07	05/08/08	11/06/08	09/14/01	01/10/02	05/21/03	12/12/03	05/05/04	10/26/04
SVOCs																		
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00063 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00063 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0013 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00075 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00081 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00067 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0014 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0024 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00082 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0026 U	0.0052	0.0088	0.005 U	0.0092	0.018
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0011 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CDD/F																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Hexachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12
Date Collected:	Units	12/17/03	05/04/04	10/27/04	05/13/05	11/04/05	05/18/06	11/10/06	05/04/07	11/09/07	05/08/08	11/06/08	09/14/01	01/10/02	05/21/03	12/12/03	05/05/04	10/26/04
CDD/F-Filtered																		
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																		
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000054 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.00011 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U [0.0004 U]	0.0004 U	0.0004 U [0.0004 U]	0.0004 U [0.0004 U]	0.0004 U [0.0004 U]	0.0004 U	0.000056 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000075 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000061 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000082 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000044 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U [0.0016 U]	0.0016 U	0.0016 U [0.0016 U]	0.0016 U [0.0016 U]	0.0016 U [0.0016 U]	0.0016 U	0.000482 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U [0.0004 U]	0.0004 U	0.0004 U [0.0004 U]	0.0004 U [0.0004 U]	0.0004 U [0.0004 U]	0.0004 U	0.00011 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Pests/PCBs-Filtered																		
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000054 U	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000056 U	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000075 U	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000061 U	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000082 U	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000044 U	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000482 U	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	NA	NA	NA	NA	NA
Inorganics																		
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U [0.025 U]	0.025 U	0.025 U [0.025 U]	0.025 U [0.025 U]	0.025 U [0.025 U]	0.025 U	0.0022 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.0413	0.0413	0.0384	0.0396	0.0409	0.0391 [0.0016 J]	0.0362	0.0394 [0.0394]	0.0344 [0.0361]	0.0363 [0.0367]	0.0334	0.0039 U	0.01 U	0.0075 J	0.0088 J	0.0086 J	0.0062 J
Barium	mg/L	0.523	0.49	0.481	0.481	0.41	0.373 [0.0311]	0.394	0.421 [0.457]	0.476 [0.46]	0.461 [0.476]	0.441	0.238	0.363	0.458	0.449	0.483	0.526
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.00054 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.00028 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	0.0068 J	0.0074 J	0.0027 J	0.0108	0.0026 J	0.016 [0.0033 J]	0.0019 J	0.01 U [0.01 U]	0.0064 J [0.0048 J]	0.01 U [0.01 U]	0.0302	0.0014 U	0.0038 J	0.0023 J	0.0214	0.0041 J	0.01 U
Cobalt	mg/L	0.02 U	0.0067 J	0.0045 J	0.02 U	0.02 U	0.02 U [0.02 U]	0.0064 J	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]	0.0136 J	0.0013 U	0.0022 J	0.0011 J	0.0063 J	0.0059 J	0.0018 J
Copper	mg/L	0.0059 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.0064	0.0042 U	0.005 U	0.005 U	0.0045 J	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U [0.003 U]	0.003 U	0.003 U [0.003 U]	0.003 U [0.003 U]	0.003 U [0.003 U]	0.003 U	0.0025 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.0562	0.0548	0.0522	0.0615	0.0513	0.0577 [0.0138]	0.0515	0.0441 [0.0476]	0.0559 [0.0533]	0.0479 [0.0498]	0.0989	0.0712	0.067 J	0.0451	0.0638	0.0436	0.0416
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]	0.0002 U	0.000069 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0038 J	0.0061 J	0.02 U	0.0096 J	0.02 U	0.0095 J [0.0024 J]	0.0024 J	0.02 U [0.02 U]	0.0053 J [0.0035 J]	0.02 U [0.02 U]	0.0212	0.0022 U	0.0072 J	0.02 U	0.016 J	0.0054 J	0.0039 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0045 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U	0.0015 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U [0.001 U]	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]	0.0023 J	0.00082 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.023	0.02 U	0.02 U	0.02 U	0.02 U	0.0222 [0.0115 J]	0.02 U	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U	0.012 U	0.0165 J	0.02 U	0.02 U	0.0218	0.02 U

Appendix C

Summary of Historical Semi-Annual Groundwater Sampling Analytical Results

RACER Trust

Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	DWD12	GWD8	GWD8	GWD8	GWD8	GWD8	GWD8
Date Collected:	Units	12/17/03	05/04/04	10/27/04	05/13/05	11/04/05	05/18/06	11/10/06	05/04/07	11/09/07	05/08/08	11/06/08	09/14/01	01/10/02	05/21/03	12/12/03	05/05/04	10/26/04	
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 U	0.025 U	NA	NA	NA	NA	
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0039 U	0.0044 J	NA	NA	NA	NA	
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.252	0.358	NA	NA	NA	NA	
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00054 U	0.001 U	NA	NA	NA	NA	
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00028 U	0.005 U	NA	NA	NA	NA	
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014 U	0.0023 J	NA	NA	NA	NA	
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 U	0.0024 J	NA	NA	NA	NA	
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0042 U	0.005 U	NA	NA	NA	NA	
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0025 U	0.003 U	NA	NA	NA	NA	
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0703	0.0641 J	NA	NA	NA	NA	
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000072 J	0.0002 U	NA	NA	NA	NA	
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 U	0.0064 J	NA	NA	NA	NA	
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0045 U	0.005 U	NA	NA	NA	NA	
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015 U	0.005 U	NA	NA	NA	NA	
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.001 U	NA	NA	NA	NA	
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00082 U	0.01 U	NA	NA	NA	NA	
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012 U	0.0236	NA	NA	NA	NA	
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																			
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	1.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Conductivity Field	umhos/cm	2.18	NA	NA	NA	NA	NA	NA	1,620	2.12	1.94	2.35	NA	NA	NA	1.427	NA	NA	
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dissolved Oxygen, Field	mg/L	NA	NA	NA	NA	NA	NA	0.15	0.38	0.33	0.04	1.03	NA	NA	NA	NA	NA	NA	
ORP, Field	millivolts	NA	NA	NA	NA	NA	NA	-93	-95	-87	-115	-31	NA	NA	NA	NA	NA	NA	
pH Field	pH Units	NA	NA	7.03	6.93	7.34	6.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.03	
pH Field	s.u.	7.15	NA	NA	NA	NA	NA	7.14	7.04	6.72	7.52	7.76	NA	NA	NA	7.12	NA	NA	
Temperature	Deg C	7.93	NA	NA	NA	NA	NA	13.92	15.25	12.58	13.49	15.69	NA	NA	NA	11.34	NA	NA	
Temperature, Ambient	Deg F	NA	NA	NA	NA	NA	NA	50	NA	45	55	60	NA	NA	NA	NA	NA	NA	
Turbidity (Field)	NTU	4.63	NA	NA	NA	NA	NA	4.62	2.31	4.4	NA	21.6	NA	NA	NA	4.26	NA	NA	

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October 2012 Semiannual Appendix C.xlsx

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Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD8	GWD8	GWD8	GWD8R	GWD8R	GWD8R	GWD8R	GWD8R	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9
Date Collected:	Units	05/11/05	11/02/05	05/17/06	11/13/06	05/03/07	11/08/07	05/09/08	11/05/08	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/08/07
SVOCs																					
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CDD/F																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD8	GWD8	GWD8	GWD8R	GWD8R	GWD8R	GWD8R	GWD8R	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9
Date Collected:	Units	05/11/05	11/02/05	05/17/06	11/13/06	05/03/07	11/08/07	05/09/08	11/05/08	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/08/07
CDD/F-Filtered																					
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																					
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 UJ	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	R	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0014 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Pests/PCBs-Filtered																					
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																					
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.0091 J	0.007 J	0.0064	0.005 U	0.0013 J	0.0022	0.0028	0.0029	0.0088 J	0.0081 J	0.0061 J	0.0055 J	0.0071 J	0.0048 J	0.0082 J	0.0062 J	0.0071	0.0063	0.0068	0.0066
Barium	mg/L	0.522	0.541	0.526	0.355	0.485	0.462	0.494	0.49	0.414	0.422	0.399 J	0.374	0.434	0.428	0.436	0.464	0.494	0.445	0.478	0.458
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.00036 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	0.01 U	0.0045 J	0.0041 J	0.0258	0.01 U	0.0062 J	0.0042 J	0.01 U	0.01 U	0.0043 J	0.0075 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	0.0013 J	0.0013 J	0.0013 J	0.0037 J	0.0041 J	0.02 U	0.0019 J	0.0037 J	0.02 U	0.02 U	0.0014 J	0.0013 J	0.02 U	0.0134 J	0.0015 J	0.0015 J	0.0022 J	0.0146 J	0.02 U	0.02 U
Copper	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0019 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.0554	0.0516	0.0475	0.0936	0.0558	0.0527	0.039	0.0374	0.01 U	0.0281	0.0312 J	0.0218	0.0178	0.0189 U	0.019	0.0196	0.0236	0.0214	0.0178	0.02
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0035 J	0.0034 J	0.0154 J	0.02 U	0.0047 J	0.02 U	0.02 U	0.02 U	0.0039 J	0.005 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.000065 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.0188 J	0.02 U	0.014 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0126 J	0.02 U	0.02 U	0.0065 J

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD8	GWD8	GWD8	GWD8R	GWD8R	GWD8R	GWD8R	GWD8R	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9	GWD9
Date Collected:	Units	05/11/05	11/02/05	05/17/06	11/13/06	05/03/07	11/08/07	05/09/08	11/05/08	01/22/02	11/12/02	05/19/03	12/11/03	05/03/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/02/07	11/08/07
Inorganics-Filtered																					
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0071 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.373	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous																					
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																					
Conductivity Field	mS/cm	NA	NA	NA	1.302	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.191	NA	NA
Conductivity Field	umhos/cm	NA	NA	NA	NA	1,303	1.295	1.329	1.38	NA	NA	NA	1.069	NA	NA	NA	NA	NA	NA	1,274	1.228
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	0.44	0.08	0.4	0.27	0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	0.27	0.66
ORP, Field	millivolts	NA	NA	NA	-34	-135	-119	-123	-36	NA	NA	NA	NA	NA	NA	NA	NA	NA	-59	136	-100
pH Field	pH Units	6.93	7.17	6.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.34	7.21	7.17	7.08	NA	NA	NA
pH Field	s.u.	NA	NA	NA	7.19	7.58	7.16	7.34	7.29	NA	NA	NA	7.34	NA	NA	NA	NA	NA	7.26	6.67	7.28
Temperature	Deg C	NA	NA	NA	8.84	15.9	14.64	13.51	16.36	NA	NA	NA	3.41	NA	NA	NA	NA	NA	11.57	13.67	11.84
Temperature, Ambient	Deg F	NA	NA	NA	40	NA	35	60	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	NA	35
Turbidity (Field)	NTU	NA	NA	NA	11.2	4.12	4.5	NA	4.08	NA	NA	NA	3.99	NA	NA	NA	NA	NA	4.04	0.77	3.8

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October 2012 Semiannual Appendix C.xlsx

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Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD9	GWD9	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11R	GWD11R	GWD11R	GWD11R	GWD11R	GWP3	GWP3	GWP3
Date Collected:	Units	05/07/08	11/06/08	01/29/02	11/12/02	05/20/03	12/17/03	05/04/04	10/27/04	05/12/05	11/04/05	05/18/06	05/04/07	11/09/07	03/13/08	05/08/08	11/06/08	09/12/01	01/08/02	05/20/03	
SVOCs																					
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	
CDD/F																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CDD/F-Filtered																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD9	GWD9	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11R	GWD11R	GWD11R	GWD11R	GWD11R	GWD11R	GWD11R
Date Collected:	Units	05/07/08	11/06/08	01/29/02	11/12/02	05/20/03	12/17/03	05/04/04	10/27/04	05/12/05	11/04/05	05/18/06	05/04/07	11/09/07	03/13/08	05/08/08	11/06/08	09/12/01	01/08/02	05/20/03
CDD/F-Filtered																				
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																				
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U [0.0004 U]	NA	NA	NA
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.00005 J	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.00055	0.0016 U	0.0016 U	0.0016 U [0.0016 U]	NA	NA	NA
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.00005 J	0.0004 U	0.0004 U	0.0004 U [0.0004 U]	NA	NA	NA
Pests/PCBs-Filtered																				
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																				
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	0.025 U	0.025 U [0.025 U]	0.025 U	0.025 U
Arsenic	mg/L	0.0081	0.0075	0.0059 J	0.0031 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 J	0.0069	0.0074	NA	0.0209	0.0185 [0.0187]	0.0078 J	0.0084 J
Barium	mg/L	0.166	0.162	0.102	0.336	0.036	0.0329	0.0412	0.0863	0.09	0.0382	0.0319	0.0974	0.0883	NA	0.123	0.117 [0.116]	0.115	0.117	0.0488
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.0003 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U
Chromium (Total)	mg/L	0.0033 J	0.01 U	0.0077 J	0.0034 J	0.0028 J	0.0043 J	0.01 U	0.01 U	0.01 U	0.0076 J	0.0037 J	0.0054 J	0.0217	NA	0.0062 J	0.01 U [0.0023 J]	0.01 U	0.0073 J	0.0087 J
Cobalt	mg/L	0.02 U	0.02 U	0.02 UJ	0.02 U	0.00076 J	0.0022 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.0044 J	0.02 U [0.02 U]	0.02 U	0.02 U	0.0048 J
Copper	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0054 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U	0.003 U [0.003 U]	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.0265	0.0233	0.0726	0.255	0.0461	0.0298 U	0.0278	0.0788	0.137	0.0399	0.0138	0.0366	0.0351	NA	0.026	0.0257 [0.0258]	0.0497	0.051 J	0.0411
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.0067 J	0.0053 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0058 J	0.0026 J	0.0038 J	0.0278	NA	0.02 U	0.02 U [0.02 U]	0.02 U	0.0038 J	0.0063 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U [0.001 U]	0.01 U	0.001 U	0.001 U
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0069 J	0.0067 J	0.02 U	0.0084 J	NA	0.02 U	0.02 U [0.02 U]	0.02 U	0.02 U	0.02 U

Appendix C

Summary of Historical Semi-Annual Groundwater Sampling Analytical Results

RACER Trust

Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWD9	GWD9	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11	GWD11R	GWD11R	GWD11R	GWD11R	GWD11R	GWP3	GWP3	GWP3
Date Collected:	Units	05/07/08	11/06/08	01/29/02	11/12/02	05/20/03	12/17/03	05/04/04	10/27/04	05/12/05	11/04/05	05/18/06	05/04/07	11/09/07	03/13/08	05/08/08	11/06/08	09/12/01	01/08/02	05/20/03	
Inorganics-Filtered																					
Antimony (Dissolved)	mg/L	NA	NA	0.0027 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	0.025 U	NA	
Arsenic (Dissolved)	mg/L	NA	NA	0.0052 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0069 J	0.0089 J	NA	
Barium (Dissolved)	mg/L	NA	NA	0.0989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.111	0.114	NA	
Beryllium (Dissolved)	mg/L	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	NA	
Cadmium (Dissolved)	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	
Chromium Total (Dissolved)	mg/L	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	
Cobalt (Dissolved)	mg/L	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	
Copper (Dissolved)	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	
Lead (Dissolved)	mg/L	NA	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U	0.003 U	NA	
Manganese (Dissolved)	mg/L	NA	NA	0.0618	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0458	0.0477 J	NA	
Mercury (Dissolved)	mg/L	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	NA	
Nickel (Dissolved)	mg/L	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	
Selenium (Dissolved)	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	
Silver (Dissolved)	mg/L	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	
Thallium (Dissolved)	mg/L	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.001 U	NA	
Vanadium (Dissolved)	mg/L	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	
Zinc (Dissolved)	mg/L	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	
Miscellaneous																					
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Field Parameters																					
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Conductivity Field	umhos/cm	0.487	0.539	NA	NA	NA	0.932	NA	NA	NA	NA	NA	135	0.629	0.811	0.731	0.799	NA	NA	NA	
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dissolved Oxygen, Field	mg/L	0.07	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.37	0	1.86	0.56	1.21	NA	NA	NA	
ORP, Field	millivolts	-200	-134	NA	NA	NA	NA	NA	NA	NA	NA	NA	-141	-165	-114	-134	-85	NA	NA	NA	
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	8.78	8.34	9.12	6.86	NA	NA	NA	NA	NA	NA	NA	NA	
pH Field	s.u.	7.66	7.57	NA	NA	NA	9.34	NA	NA	NA	NA	NA	7.79	7.44	7.35	7.56	7.72	NA	NA	NA	
Temperature	Deg C	13.8	13.91	NA	NA	NA	11.3	NA	NA	NA	NA	NA	14.97	12.43	11.4	14.11	17.17	NA	NA	NA	
Temperature, Ambient	Deg F	65	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45	NA	55	60	NA	NA	NA	
Turbidity (Field)	NTU	NA	4.91	NA	NA	NA	4.08	NA	NA	NA	NA	NA	4.03	4.5	3.07	NA	4.91	NA	NA	NA	

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6
Date Collected:	Units	12/12/03	05/05/04	02/02/05	05/12/05	11/03/05	05/19/06	11/10/06	05/03/07	11/08/07	05/09/08	11/06/08	09/18/01	01/08/02	05/20/03	12/12/03	05/06/04	10/28/04	05/12/05	11/03/05	05/18/06
VOCs																					
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	R	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.021 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.025 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.013 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.12 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	NA	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.052 U	0.25 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.018 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0092 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.034 U	1.2 U	0.01 U	0.01 U	R	0.01 U	0.01 UJ	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.038 U	1.2 U	0.01 U	0.01 U	R	0.01 UJ	0.01 UJ	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	R	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.019 U	1.2 U	0.01 U	0.01 U	R	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	5.8	7.1 J	0.03	0.01 U	0.00091 J	0.01 UJ	0.01 UJ	0.01 UJ
Benzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.013 U	0.12 U	0.001 U	0.00042 J	0.00023 J	0.00025 J	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.015 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.017 U	0.12 UJ	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.00045 J	0.001 U	0.001 U	0.001 U	0.00065 J	0.017 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.022 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.011 U	0.12 U	0.001 U	0.001 U	R	0.001 UJ	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.018 U	0.062 U	0.0005 U	0.0005 U	R	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.01 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.011 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.022 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.022 U	0.25 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.01 U	0.12 U	0.001 UJ	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Isopropylbenzene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.034 U	1.2 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.012 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.011 U	0.62 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.028 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 UJ	0.001 U
Styrene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	R	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.019 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.015 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.022 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.062 U	0.0005 U	0.0005 U	R	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.022 U	0.12 U	0.001 U	0.001 U	R	0.001 UJ	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 UJ	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.023 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.027 U	0.12 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.012 U	0.12 U	0.001 U	0.001 U	R	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	mg/L	0.001 U	0.001 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.027 U	0.12 U	0.001 UJ	0.001 U	R	0.002 U	0.002 U	0.002 U	0.002 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6
Date Collected:	Units	12/12/03	05/05/04	02/02/05	05/12/05	11/03/05	05/19/06	11/10/06	05/03/07	11/08/07	05/09/08	11/06/08	09/18/01	01/08/02	05/20/03	12/12/03	05/06/04	10/28/04	05/12/05	11/03/05	05/18/06
SVOCs																					
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00078 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0012 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0017 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00085 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00085 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.003 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00079 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00057 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.00085 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00064 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylphenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0011 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0007 U	0.02 U	0.02 U	0.02 UJ	R	0.02 U	0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0021 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
3,3'-Dichlorobenzidine	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.00093 U	0.02 U	0.02 U	0.02 UJ	R	0.02 U	0.02 U	0.02 U	0.02 U
3-Nitroaniline	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.00071 U	0.02 U	0.02 U	0.02 UJ	R	0.02 U	0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0013 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00088 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00099 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00061 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00079 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Methylphenol	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0013 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	mg/L	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0013 U	0.02 U	0.02 U	0.02 UJ	R	0.02 U	0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.0019 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0008 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00071 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acetophenone	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0026 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.005 U	0.00045 J	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00068 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Atrazine	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0025 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzaldehyde	mg/L	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0028 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.005 U	0.00055 J	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0007 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(a)pyrene	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U									

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October 2012 Semiannual Appendix C.xlsx

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6
Date Collected:	Units	12/12/03	05/05/04	02/02/05	05/12/05	11/03/05	05/19/06	11/10/06	05/03/07	11/08/07	05/09/08	11/06/08	09/18/01	01/08/02	05/20/03	12/12/03	05/06/04	10/28/04	05/12/05	11/03/05	05/18/06
CDD/F-Filtered																					
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																					
Aroclor-1016 (PCB-1016)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs-Filtered																					
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																					
Antimony	mg/L	0.025 U	0.025 U	NA	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.0022 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.0281	0.0295	NA	0.0363	0.0308	0.0287	0.03	0.0298	0.0292	0.0352	0.0285	0.0039 U	0.01 U	0.0047 J	0.0032 J	0.0094 J	0.0097 J	0.012 U	0.0074 J	0.0108
Barium	mg/L	0.129	0.119	NA	0.181	0.141	0.154	0.142	0.16	0.149	0.207	0.178	0.0599	0.0885	0.119	0.106	0.11	0.102	0.109	0.108	0.111
Beryllium	mg/L	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00054 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00031 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	0.0036 J	0.0035 J	NA	0.02	0.01 U	0.0053 J	0.0244	0.0052 J	0.0148	0.0239	0.0336	0.0014 U	0.0068 J	0.0071 J	0.0063 J	0.178	0.01 U	0.01 U	0.0047 J	0.0027 J
Cobalt	mg/L	0.0036 J	0.02 U	NA	0.0043 J	0.02 U	0.0015 J	0.0017 J	0.02 U	0.02 U	0.02 U	0.003 J	0.0013 U	0.0013 J	0.02 U	0.02 U	0.0038 J	0.02 U	0.02 U	0.02 U	0.02 U
Copper	mg/L	0.005 U	0.005 U	NA	0.0199	0.005 U	0.005 U	0.0018 J	0.0021 J	0.005 U	0.0051	0.0047 J	0.0042 U	0.005 U	0.0036 J	0.005 U	0.0096	0.005 U	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.0064	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0025 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.01 U	0.0233	0.0229 J	0.11	0.0202	0.0233	0.038	0.0276	0.0337	0.0555	0.0558	0.067	0.0693 J	0.0391	0.01 U	0.0587 U	0.0339	0.031	0.0297	0.0357
Mercury	mg/L	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.000069 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.003 J	0.003 J	NA	0.0156 J	0.02 U	0.0038 J	0.0173 J	0.004 J	0.0088 J	0.0168 J	0.0239	0.0022 U	0.0031 J	0.0053 J	0.0046 J	0.0955	0.02 U	0.02 U	0.014 J	0.0019 J
Selenium	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0045 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0037 J	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0015 U	0.005 U	0.005 U	0.005 U	0.00081 J	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	NA	0.000052 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000024 J
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.0083 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0012 J	0.0011 J	0.0023 J	0.00082 U	0.01 U	0.01 U	0.01 U	0.00087 J	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.02 U	0.02 U	NA	0.0601	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0073 J	0.0167 J	0.02 U	0.012 U	0.02 U	0.02 U	0.0235 J	0.02 U	0.02 U	0.02 U	0.0131 J

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP3	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6	GWP6
Date Collected:	Units	12/12/03	05/05/04	02/02/05	05/12/05	11/03/05	05/19/06	11/10/06	05/03/07	11/08/07	05/09/08	11/06/08	09/18/01	01/08/02	05/20/03	12/12/03	05/06/04	10/28/04	05/12/05	11/03/05	05/18/06
Inorganics-Filtered																					
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 U	0.025 U	NA	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0039 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0646	0.0881	NA	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00054 U	0.001 U	NA	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00028 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 U	0.02 U	NA	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0042 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0025 U	0.003 U	NA	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0744	0.0679 J	NA	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000069 U	0.0002 U	NA	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 U	0.02 U	NA	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0045 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015 U	0.005 U	NA	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.001 U	NA	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00082 U	0.01 U	NA	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012 U	0.02 U	NA	NA	NA	NA	NA	NA	NA
Miscellaneous																					
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																					
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	0.638	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	0.605	NA	NA	NA	NA	0.643	NA	660	0.683	0.662	0.727	NA	NA	NA	0.459	NA	NA	NA	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	NA	NA	0	0.07	0.3	0.27	0.17	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP, Field	millivolts	NA	NA	NA	NA	NA	188	-13	159	-128	-146	-15	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	pH Units	NA	NA	NA	7.33	7.44	7.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.56	7.89	7.8	7.4
pH Field	s.u.	7.36	NA	NA	NA	NA	7.12	6.95	6.94	7.35	7.79	7.55	NA	NA	NA	8.03	NA	NA	NA	NA	NA
Temperature	Deg C	14.46	NA	NA	NA	NA	16.01	14.83	16.14	14.04	14.4	15.83	NA	NA	NA	8.81	NA	NA	NA	NA	NA
Temperature, Ambient	Deg F	NA	NA	NA	NA	NA	50	50	NA	35	60	60	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity (Field)	NTU	4.82	NA	NA	NA	NA	4.7	8.11	3.95	25.1	NA	14.5	NA	NA	NA	4	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP6	GWP6	GWP6	GWP6	GWP6	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7R	IWD7R	IWD7R	IWD7R	IWD7R
Date Collected:	Units	11/14/06	05/02/07	11/07/07	05/07/08	11/05/08	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/04/07	10/22/07	11/08/07	05/08/08
VOCs																					
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	R	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.029 U	0.0029 U	0.002 U	0.002 U	0.005 U	0.011 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
1,4-Dichlorobenzene	mg/L	0.00033 J	0.001 U	0.00029 J	0.00026 J	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.14 U	0.014 UJ	0.01 U	0.01 U	0.025 U	0.057 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.14 U	0.014 UJ	0.01 U	0.01 U	0.025 U	0.057 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.14 U	R	0.01 U	0.01 U	R	0.057 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA
Acetone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.14 U	0.014 UJ	0.038	0.01 U	0.17	0.24 J	0.021 J	0.01 U	0.0019 J	0.00092 J	0.01 U	NA	0.01 U	NA
Benzene	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 UJ	R	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.00025 J	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.00049 J	0.001 U	NA	0.001 U	NA
Carbon tetrachloride	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00017 J	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Chloromethane (Methyl Chloride)	mg/L	0.001 UJ	0.001 U	0.00031 J	0.001 U	0.001 U	0.00021 J	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.00026 J	0.00058 J	NA	0.00039 J	NA
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0071 U	0.00072 U	0.0005 U	0.0005 U	0.0012 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.029 U	0.0029 U	0.002 U	0.002 U	0.005 U	0.011 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	NA
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Isopropylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Methyl acetate	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.14 U	0.014 U	0.01 U	0.01 U	0.025 U	0.057 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	NA
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.071 U	0.0072 U	0.005 U	0.005 U	0.012 U	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	NA
Methylene chloride	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.014 U	R	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0071 U	0.00072 U	0.0005 U	0.0005 U	0.0012 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 UJ	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014 UJ	0.0014 U	0.001 U	0.001 U	0.0025 U	0.0057 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA
Xylene (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.001 U	0.014 U	0.0014 U	0.001 U	0.001 U	0.0025 U	0.011 U	0.002 U	0.002 U	0.002 U	0.00099 J	0.002 U	NA	0.002 U	NA

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October 2012 Semiannual Appendix C.xlsx

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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ATTORNEY WORK PRODUCT

Sample ID:		GWP6	GWP6	GWP6	GWP6	GWP6	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7R	IWD7R	IWD7R	IWD7R	IWD7R
Date Collected:	Units	11/14/06	05/02/07	11/07/07	05/07/08	11/05/08	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/04/07	10/22/07	11/08/07	05/08/08
SVOCs																					
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	NA
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0021 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	NA
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00048 J	0.00036 J	NA	0.005 U
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA
CDD/F																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID:		GWP6	GWP6	GWP6	GWP6	GWP6	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7R	IWD7R	IWD7R	IWD7R	IWD7R
Date Collected:	Units	11/14/06	05/02/07	11/07/07	05/07/08	11/05/08	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/04/07	10/22/07	11/08/07	05/08/08
CDD/F-Filtered																					
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																					
Aroclor-1016 (PCB-1016)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	NA	NA	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	0.0016 U
Total PCBs	mg/L	NA	NA	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U
Pests/PCBs-Filtered																					
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	0.0016 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																					
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	0.025 U
Arsenic	mg/L	0.0105	0.0147	0.0158	0.0142	0.0149	0.0052 J	0.0044 J	0.0027 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0014 J	0.0057	0.0102	0.0086	0.0111
Barium	mg/L	0.117	0.113	0.137	0.109	0.122	0.432	0.0677	0.413	0.39	0.379	0.305	0.355	0.353	0.418	0.404	0.291	0.373	NA	0.301	NA
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00028 J	0.00057 J	0.005 U	0.005 U	0.00037 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Chromium (Total)	mg/L	0.0189	0.0027 J	0.145	0.0295	0.0277	0.01 U	0.0068 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.0132
Cobalt	mg/L	0.0064 J	0.0035 J	0.0029 J	0.02 U	0.02 U	0.0014 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U
Copper	mg/L	0.005 U	0.005 U	0.0128	0.0065	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0135	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U
Manganese	mg/L	0.0483	0.0366	0.121	0.0524	0.0568	0.177	0.0631	0.142	0.0809	0.0947	0.0776	0.0867	0.0782	0.0861	0.0781	0.0661	0.0427	NA	0.0638	NA
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U
Nickel	mg/L	0.0136 J	0.0018 J	0.0907	0.0236	0.0277	0.02 U	0.0057 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.0097 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.000044 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
Vanadium	mg/L	0.01 U	0.01 U	0.0047 J	0.00085 J	0.01 U	0.01 U	0.0049 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U
Zinc	mg/L	0.02 U	0.02 U	0.0123 J	0.0127 J	0.02 U	0.02 U	0.592	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.021	0.0088 J	0.02 U	0.02 U	NA	0.0198 J

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		GWP6	GWP6	GWP6	GWP6	GWP6	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7	IWD7R	IWD7R	IWD7R	IWD7R	IWD7R
Date Collected:	Units	11/14/06	05/02/07	11/07/07	05/07/08	11/05/08	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06	05/04/07	10/22/07	11/08/07	05/08/08
Inorganics-Filtered																					
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.025 U	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0062 J	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.404	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.001 U	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.005 U	0.00028 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.003 U	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.159	0.0028 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.01 U	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.01 U	0.0025 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous																					
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																					
Conductivity Field	mS/cm	0.471	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.182	NA	1.092	NA	NA
Conductivity Field	umhos/cm	NA	510	0.487	0.474	0.519	NA	NA	NA	NA	1.418	NA	NA	NA	NA	NA	NA	1,138	NA	1.072	1.025
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	NA	NA
Dissolved Oxygen, Field	mg/L	0.37	0.99	0	0.5	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18	0.29	NA	1.67	0.71
ORP, Field	millivolts	-102	-182	-158	-164	-113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-104	-109	-192	-89	-128
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.58	7.15	7.21	6.79	NA	NA	NA	NA	NA
pH Field	s.u.	7.91	7.77	7.23	7.22	7.71	NA	NA	NA	NA	7.59	NA	NA	NA	NA	NA	7.09	7.18	8.11	7.09	7.41
Temperature	Deg C	8.25	15.8	10.17	14.7	17.95	NA	NA	NA	NA	8.77	NA	NA	NA	NA	NA	10.76	14.4	17.25	11.46	14.18
Temperature, Ambient	Deg F	45	NA	35	65	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	NA	60	35	55
Turbidity (Field)	NTU	4.65	2.78	4.5	NA	2.45	NA	NA	NA	NA	3.93	NA	NA	NA	NA	NA	3.68	1.87	1.81	4.3	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		IWD7R	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	MW-40-99	MW-40-99
Date Collected:	Units	11/05/08	09/20/01	01/10/02	11/14/02	05/20/03	12/15/03	05/07/04	10/29/04	05/13/05	11/04/05	05/19/06	11/15/06	05/02/07	11/08/07	05/09/08	11/05/08	01/10/02	11/12/02
VOCs																			
1,1,1-Trichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
1,1-Dichloroethene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 UJ	0.005 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.2 U	0.5 U	0.05 U	0.002 U	0.01 U	0.002 U	0.002 UJ	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 U	1 UJ	2.5 U	0.25 UJ	0.01 U	0.05 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ
2-Hexanone	mg/L	0.01 UJ	1 UJ	2.5 U	0.25 UJ	0.01 U	0.05 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 UJ	1 U	R	R	0.01 U	0.05 U	R	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U
Acetone	mg/L	0.01 U	6.6 J	13	1.4 J	0.01 U	0.29	0.031 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.0016 J	0.01 U	0.01 U	0.0022 J	0.01 U	0.01 U	0.01 UJ
Benzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.1 U	R	R	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.00083 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0013
Carbon tetrachloride	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.05 U	0.12 U	0.012 U	0.0005 U	0.0025 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ
Cyclohexane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 UJ	0.2 UJ	0.5 U	0.05 U	0.002 U	0.01 U	0.002 U	0.002 UJ	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 UJ	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Isopropylbenzene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	1 U	2.5 U	0.25 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00033 J	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.5 U	1.2 U	0.12 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 UJ	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ
Styrene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	R	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Tetrachloroethene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	R
Toluene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.05 U	0.12 U	0.012 U	0.0005 U	0.0025 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Trichloroethene	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.1 U	0.25 U	0.025 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	mg/L	0.002 U	0.1 U	0.25 U	0.025 U	0.001 UJ	0.005 U	0.001 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.001 U	0.001 UJ

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October 2012 Semiannual Appendix C.xlsx

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID: Date Collected:	Units	IWD7R 11/05/08	IWP5 09/20/01	IWP5 01/10/02	IWP5 11/14/02	IWP5 05/20/03	IWP5 12/15/03	IWP5 05/07/04	IWP5 10/29/04	IWP5 05/13/05	IWP5 11/04/05	IWP5 05/19/06	IWP5 11/15/06	IWP5 05/02/07	IWP5 11/08/07	IWP5 05/09/08	IWP5 11/05/08	MW-40-99 01/10/02	MW-40-99 11/12/02
SVOCs																			
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 UJ
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U
CDD/F																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000005 U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000005 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,4,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000001 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000001 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000000025 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000001 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000001 U
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00000001 U
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000399 U
CDD/F-Filtered																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID:		IWD7R	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	MW-40-99	MW-40-99
Date Collected:	Units	11/05/08	09/20/01	01/10/02	11/14/02	05/20/03	12/15/03	05/07/04	10/29/04	05/13/05	11/04/05	05/19/06	11/15/06	05/02/07	11/08/07	05/09/08	11/05/08	01/10/02	11/12/02
CDD/F-Filtered																			
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																			
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00046	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	0.0016 U
Total PCBs	mg/L	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00046	0.0004 U
Pests/PCBs-Filtered																			
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																			
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.0078	0.01 U	0.01 U	0.01 U	0.01 U	0.004 J	0.01 U	0.003 J	0.01 U	0.001 U	0.0017 J	0.002 U	0.0011 J	0.0028	0.0029	0.0013 J	0.01 U	0.0035 J
Barium	mg/L	0.33	0.101	0.228	0.223	0.219	0.32	0.262	0.267	0.256	0.28	0.276	0.314 U	0.23	0.26	0.287	0.248	0.163	0.414
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.00033 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00032 J
Chromium (Total)	mg/L	0.01 U	0.0037 J	0.0605	0.046	0.0216	0.0193	0.0099 J	0.0856	0.0039 J	0.01	0.0024 J	0.0183	0.0106	0.0169	0.0069 J	0.0227	0.01 U	0.0038 J
Cobalt	mg/L	0.02 U	0.0023 J	0.0062 J	0.0018 J	0.0018 J	0.002 J	0.0026 J	0.0064 J	0.0022 J	0.0038 J	0.0033 J	0.02 U	0.02 U	0.0045 J	0.0034 J	0.0042 J	0.02 U	0.0066 J
Copper	mg/L	0.005 U	0.0056	0.0097	0.005 U	0.005 U	0.005 U	0.005 U	0.0082	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0055
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0028 J	0.0091 J
Lead	mg/L	0.003 U	0.003 U	0.0028 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0018 J
Manganese	mg/L	0.0455	0.208	0.352 J	0.0823	0.0926	0.0577	0.039 U	0.111	0.0359	0.0326	0.0292	0.049 U	0.0335	0.0792	0.0259	0.0447	0.301 J	0.15
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0053 J	0.059	0.0365	0.0133 J	0.0136 J	0.0091 J	0.0619	0.0039 J	0.0096 J	0.005 J	0.0138 J	0.0068 J	0.0162 J	0.01 J	0.0223	0.02 U	0.0111 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.01 U	0.000092 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.01 U	0.0022 J	0.0034 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0043 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0012 J	0.01 U	0.01 U	0.01 U	0.0047 J
Zinc	mg/L	0.02 U	0.0147 J	0.0197 J	0.02 U	0.02 U	0.029	0.0305 U	0.149	0.02 U	0.0476	0.145	0.02 U	0.02 U	0.0106 J	0.0077 J	0.02 U	0.02 U	0.02 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		IWD7R	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	IWP5	MW-40-99	MW-40-99
Date Collected:	Units	11/05/08	09/20/01	01/10/02	11/14/02	05/20/03	12/15/03	05/07/04	10/29/04	05/13/05	11/04/05	05/19/06	11/15/06	05/02/07	11/08/07	05/09/08	11/05/08	01/10/02	11/12/02
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	NA	0.025 U	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	NA
Arsenic (Dissolved)	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
Barium (Dissolved)	mg/L	NA	0.0818	0.231	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.152	NA
Beryllium (Dissolved)	mg/L	NA	0.001 U	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA
Cadmium (Dissolved)	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
Chromium Total (Dissolved)	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0085 J	NA
Cobalt (Dissolved)	mg/L	NA	0.02 U	0.0021 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 J	NA
Copper (Dissolved)	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
Lead (Dissolved)	mg/L	NA	0.003 U	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U	NA
Manganese (Dissolved)	mg/L	NA	0.116	0.219 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28 J	NA
Mercury (Dissolved)	mg/L	NA	0.0002 U	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA
Nickel (Dissolved)	mg/L	NA	0.0023 J	0.0232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0032 J	NA
Selenium (Dissolved)	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
Silver (Dissolved)	mg/L	NA	0.005 U	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA
Thallium (Dissolved)	mg/L	NA	0.0061 J	0.00068 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA
Vanadium (Dissolved)	mg/L	NA	0.01 U	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
Zinc (Dissolved)	mg/L	NA	0.02 U	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0209	NA
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																			
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.784	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	1.18	NA	NA	NA	NA	0.732	NA	NA	NA	NA	NA	NA	769	0.824	NA	NA	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.94	0.9	1.24	NA	NA	NA	NA
ORP, Field	millivolts	-52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-34	-141	-66	NA	NA	NA	NA
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	7.18	7.34	7.04	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	s.u.	7.66	NA	NA	NA	NA	7.21	NA	NA	NA	NA	NA	7.56	7.89	7.05	NA	NA	NA	NA
Temperature	Deg C	16.67	NA	NA	NA	NA	5.68	NA	NA	NA	NA	NA	11.07	19	9.97	NA	NA	NA	NA
Temperature, Ambient	Deg F	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	NA	35	60	60	NA	NA
Turbidity (Field)	NTU	2.4	NA	NA	NA	NA	9.46	NA	NA	NA	NA	NA	19.3	3.16	45	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99
Date Collected:	Units	05/19/03	12/11/03	05/03/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	08/15/06	11/13/06	05/02/07	07/17/07	11/07/07
VOCs														
1,1,1-Trichloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	R	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,1-Dichloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,1-Dichloroethene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 UJ	NA	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 UJ [0.002 UJ]	0.002 U	0.002 U	NA	0.002 UJ	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.002 UJ	NA	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,2-Dichloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,2-Dichloropropane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.0011 J [0.001 J]	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.00072 J	0.0017 J	NA	0.00093 J
2-Hexanone	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Acetone	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.0023 J	0.01 U	NA	0.01 U
Benzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Bromodichloromethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Bromoform	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Bromomethane (Methyl Bromide)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Carbon disulfide	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.00084 J	0.001 U	0.001 U	0.001 U	NA	0.00032 J	0.001 U	NA	0.001 U
Carbon tetrachloride	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Chlorobenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Chloroethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.0002 J	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0005 UJ [0.0005 UJ]	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Cyclohexane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.00053 J	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Dibromochloromethane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 UJ [0.002 UJ]	0.002 U	0.002 UJ	NA	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.002 U	NA	0.002 U
Ethylbenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Isopropylbenzene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Methyl acetate	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Methyl cyclohexane	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Methylene chloride	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Styrene	mg/L	R [R]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Tetrachloroethene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	R	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Toluene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U [0.001 U]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
trans-1,2-Dichloroethene	mg/L	0.0005 UJ [0.0005 UJ]	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Trichloroethene	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 UJ	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ [0.001 UJ]	0.001 UJ	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Vinyl chloride	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Xylene (total)	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.002 U	NA	0.002 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99
Date Collected:	Units	05/19/03	12/11/03	05/03/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	08/15/06	11/13/06	05/02/07	07/17/07	11/07/07
SVOCs														
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2,4,6-Trichlorophenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2,4-Dichlorophenol	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
2,4-Dimethylphenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2,4-Dinitrophenol	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2-Chloronaphthalene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2-Chlorophenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2-Methylnaphthalene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2-Methylphenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
2-Nitroaniline	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
2-Nitrophenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
3,3'-Dichlorobenzidine	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
3-Nitroaniline	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
4-Chloroaniline	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
4-Methylphenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
4-Nitroaniline	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
4-Nitrophenol	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	NA	0.08 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
Acenaphthene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Acenaphthylene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Acetophenone	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Anthracene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Atrazine	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Benzaldehyde	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Benzo(a)anthracene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Benzo(a)pyrene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Benzo(b)fluoranthene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Benzo(g,h,i)perylene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Benzo(k)fluoranthene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Biphenyl	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
bis(2-Ethylhexyl)phthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.0017 J	NA	0.005 U	0.005 U	NA	0.005 U
Butyl benzylphthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Caprolactam	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Carbazole	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	NA	0.04 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Chrysene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Dibenz(a,h)anthracene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Dibenzofuran	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Diethyl phthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Dimethyl phthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Di-n-butylphthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Di-n-octyl phthalate	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Fluoranthene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Fluorene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Hexachlorobenzene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Hexachlorobutadiene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Hexachlorocyclopentadiene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	R	NA	0.02 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Hexachloroethane	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99
Date Collected:	Units	05/19/03	12/11/03	05/03/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	08/15/06	11/13/06	05/02/07	07/17/07	11/07/07
SVOCs														
Indeno(1,2,3-cd)pyrene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Isophorone	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Methylphenol (Cresol)	mg/L	0.005 U [0.005 U]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Naphthalene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Nitrobenzene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Pentachlorophenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Phenanthrene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Phenol	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Pyrene	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	NA	0.02 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
CDD/F														
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	0.000000069 UJ [0.000000059 UJ]	0.000000059 U	0.000000041 U	NA	0.000000022 U	0.000000033 U	0.000000012 U	0.000000015 U	0.000000052 U	0.000000039 U	0.00000002 U	NA	0.000000021 U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	0.000000073 UJ [0.000000067 UJ]	0.000000056 U	0.000000025 U	NA	0.000000037 U	0.000000081 U	0.000000011 U	0.000000033 U	0.000000044 U	0.000000015 U	0.000000031	NA	0.000000019 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	0.000000005 UJ [0.000000045 UJ]	0.000000091 U	0.0000000096 U	NA	0.0000000054 U	0.0000000016 U	0.0000000049 U	0.000000021 U	0.000000026 U	0.000000002 U	0.000000098 U	NA	0.000000056 U
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	0.000000047 UJ [0.000000039 UJ]	0.000000004 U	0.000000027 U	NA	0.0000000081 U	0.0000000016 U	0.000000011 U	0.000000026 J	0.000000036 U	0.000000028 U	0.000000016 U	NA	0.000000012 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	0.000000042 UJ [0.000000033 UJ]	0.000000011 U	0.0000000012 U	NA	0.0000000058 U	0.0000000011 U	0.0000000062 U	0.000000049 U	0.000000032 U	0.000000022 U	0.000000011 U	NA	0.000000066 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.000000048 UJ [0.000000045 UJ]	0.000000003 U	0.0000000011 U	NA	0.0000000013 U	0.0000000021 U	0.0000000059 U	0.0000000083 U	0.000000041 U	0.000000022 U	0.000000064 U	NA	0.000000062 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.000000043 UJ [0.000000043 UJ]	0.0000000036 U	0.0000000017 U	NA	0.0000000013 U	0.0000000019 U	0.000000009 U	0.000000079 U	0.000000042 U	0.000000027 U	0.000000012 U	NA	0.000000012 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.000000047 UJ [0.000000044 UJ]	0.0000000029 U	0.0000000096 U	NA	0.0000000054 U	0.000000002 U	0.0000000052 U	0.0000000065 U	0.000000039 U	0.000000002 U	0.000000006 U	NA	0.000000006 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.000000045 UJ [0.000000045 UJ]	0.0000000039 U	0.0000000014 U	NA	0.000000001 U	0.0000000017 U	0.0000000069 U	0.0000000072 U	0.000000038 U	0.000000026 U	0.000000012 U	NA	0.000000012 U
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	0.000000054 UJ [0.000000005 UJ]	0.0000000036 U	0.0000000012 U	NA	0.0000000007 U	0.0000000024 U	0.000000008 U	0.0000000073 U	0.000000046 U	0.000000025 U	0.0000000071 U	NA	0.0000000064 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.000000042 UJ [0.000000041 UJ]	0.0000000036 U	0.0000000015 U	NA	0.0000000011 U	0.0000000017 U	0.0000000079 U	0.0000000071 U	0.000000038 U	0.000000025 U	0.000000011 U	NA	0.0000000096 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	0.000000003 UJ [0.000000003 UJ]	0.0000000034 U	0.0000000011 U	NA	0.0000000011 U	0.0000000013 U	0.0000000058 U	0.0000000078 U	0.000000028 U	0.000000016 U	0.000000092 U	NA	0.0000000068 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	0.000000046 UJ [0.000000036 UJ]	0.0000000055 U	0.000000003 U	NA	0.0000000021 U	0.0000000021 U	0.0000000094 U	0.000000013 U	0.000000047 U	0.000000042 U	0.000000014 U	NA	0.000000011 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.000000049 UJ [0.000000046 UJ]	0.0000000033 U	0.0000000011 U	NA	0.0000000063 U	0.0000000022 U	0.0000000066 U	0.0000000071 U	0.000000042 U	0.000000023 U	0.000000007 U	NA	0.0000000064 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	0.000000003 UJ [0.000000003 UJ]	0.0000000033 U	0.0000000011 U	NA	0.0000000011 U	0.0000000013 U	0.0000000058 U	0.0000000076 U	0.000000027 U	0.000000016 U	0.000000093 U	NA	0.000000007 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	0.0000000018 UJ [0.0000000016 UJ]	0.0000000021 U	0.000000001 U	NA	0.0000000027 U	0.0000000011 U	0.0000000036 U	0.0000000054 U	0.000000034 U	0.0000000014 U	0.0000000052 U	NA	0.0000000046 U
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	0.0000000026 UJ [0.0000000021 UJ]	0.0000000031 U	0.0000000007 U	NA	0.00000000073 U	0.00000000085 U	0.0000000048 U	0.0000000065 U	0.0000000018 U	0.0000000017 U	0.0000000077 U	NA	0.0000000064 U
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	0.0000000058 U	0.0000000016 U	0.0000000062 U	0.000000021 U	0.000000032 U	0.000000022 U	0.000000011 U	NA	0.0000000066 U
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	0.0000000081 U	0.0000000016 U	0.000000011 U	0.000000026	0.000000036 U	0.000000028 U	0.00000002 U	NA	0.000000012 U
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	0.0000000013 U	0.0000000024 U	0.000000008 U	0.0000000083 U	0.000000046 U	0.000000025 U	0.0000000071 U	NA	0.0000000064 U
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	0.0000000014 U	0.0000000019 U	0.000000009 U	0.0000000079 U	0.000000042 U	0.000000027 U	0.000000012 U	NA	0.000000012 U
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	0.0000000018 U	0.0000000014 U	0.0000000058 U	0.0000000078 U	0.000000031 U	0.0000000016 U	0.0000000093 U	NA	0.000000007 U
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	0.0000000021 U	0.0000000021 U	0.0000000094 U	0.0000000013 U	0.000000047 U	0.0000000014 U	0.0000000014 U	NA	0.0000000011 U
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	0.0000000027 U	0.0000000011 U	0.0000000036 U	0.0000000054 U	0.0000000034 U	0.0000000014 U	0.0000000052 U	NA	0.0000000046 U
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	0.00000000073 U	0.00000000085 U	0.0000000048 U	0.0000000065 U	0.0000000018 U	0.0000000017 U	0.0000000077 U	NA	0.0000000064 U
2,3,7,8-TCDD Equivalent	mg/L	0.0000000102 U [0.00000000898 U]	0.0000000105 U	0.00000000386 U	NA	0.00000000334 U	0.00000000418 U	0.0000000182 U	0.0000000118	0.00000000894 U	0.00000000659 U	0.00000000137	NA	0.0000000223 U
CDD/F-Filtered														
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000072 U	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000072 U	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.000000008 U	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000049 U	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000039 U	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00000002 U	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000037 U	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000046 U	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000034 U	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000055 U	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000033 U	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000084 U	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000056 U	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.000000005 U	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000031 U	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99
Date Collected:	Units	05/19/03	12/11/03	05/03/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	08/15/06	11/13/06	05/02/07	07/17/07	11/07/07
CDD/F-Filtered														
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000043 U	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000022 U	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000008 U	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000049 U	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.000000002 U	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000037 U	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000084 U	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000056 U	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000043 U	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0000000022 U	NA	NA	NA	NA
Pests/PCBs														
Aroclor-1016 (PCB-1016)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 UJ [0.0004 UJ]	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	NA	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U [0.0016 U]	0.0016 U	0.0016 U	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	0.0016 U	0.0016 U	NA	0.0016 U
Total PCBs	mg/L	0.0004 U [0.0004 U]	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	NA	0.0004 U
Pests/PCBs-Filtered														
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics														
Antimony	mg/L	0.025 UJ [0.025 UJ]	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	0.025 U	0.025 U	NA	0.025 U
Arsenic	mg/L	0.0059 J [0.004 J]	0.0034 J	0.0026 J	0.003 J	0.01 U	0.003 J	0.01 U	0.0015 J	NA	0.0014 J	0.0013 J	NA	0.0037
Barium	mg/L	0.182 J [0.182 J]	0.122	0.0981	0.0956	0.145	0.126	0.134	0.12	NA	0.137	0.12	NA	0.168
Beryllium	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Cadmium	mg/L	0.005 UJ [0.005 UJ]	0.0005 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Chromium (Total)	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 J	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Cobalt	mg/L	0.00077 J [0.0009 J]	0.02 U	0.02 U	0.0012 J	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
Copper	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Cyanide (total)	mg/L	0.0057 J [0.0057 J]	0.0049 J	0.0044 J	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.0087 J	0.01 U	NA	0.01 U
Lead	mg/L	0.003 UJ [0.003 UJ]	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	0.003 U	0.003 U	NA	0.003 U
Manganese	mg/L	1.24 J [1.19 J]	0.727	0.651	0.589	0.255	0.351	0.221	0.311	NA	0.24	0.287	NA	0.21
Mercury	mg/L	0.0002 UJ [0.0002 UJ]	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	NA	0.0002 U
Nickel	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0024 J	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U
Selenium	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	0.004 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Silver	mg/L	0.005 UJ [0.005 UJ]	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	NA	0.005 U
Sodium	mg/L	NA	NA	NA	NA	135	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	0.00058 J	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U
Vanadium	mg/L	0.01 UJ [0.01 UJ]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	NA	0.01 U
Zinc	mg/L	0.02 UJ [0.02 UJ]	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.02 U	0.02 U	NA	0.02 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99
Date Collected:	Units	05/19/03	12/11/03	05/03/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	08/15/06	11/13/06	05/02/07	07/17/07	11/07/07
Inorganics-Filtered														
Antimony (Dissolved)	mg/L	NA	NA	NA	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	0.0886	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	0.579	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	0.00025 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous														
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters														
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.043	NA	NA	NA
Conductivity Field	umhos/cm	NA	1.45	NA	1.21	NA	NA	NA	1.227	1.097	NA	1.237	NA	1.437
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	NA	NA	NA	NA	0.4	0.12	0.3	0.17	NA	0.2
ORP, Field	millivolts	NA	NA	NA	NA	NA	NA	NA	-39	-53	189	113	NA	-119
pH Field	pH Units	NA	NA	NA	NA	6.92	7.08	7.02	6.49	NA	NA	NA	NA	NA
pH Field	s.u.	NA	6.92	NA	7.3	NA	NA	NA	6.99	6.75	6.96	6.4	7.42	6.83
Temperature	Deg C	NA	9.62	NA	17.1	NA	NA	NA	13.94	18.95	11.2	11.25	NA	13.73
Temperature, Ambient	Deg F	NA	NA	NA	NA	NA	NA	NA	60	65	40	NA	NA	35
Turbidity (Field)	NTU	NA	3.65	NA	4.3	NA	NA	NA	4.73	8.2	4.92	3.5	NA	2

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6R
Date Collected:	Units	05/07/08	11/06/08	12/15/09	11/03/10	09/25/11	10/03/12	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06
VOCs																			
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	R	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.00024 J	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 U	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.0012 J	0.0011 J	0.0018 J	0.025 U	0.68 J	0.025 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.01 UJ	0.0011 J	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.05 U	0.05 U	0.05 U	0.01 U	0.01 U	R	0.01 U	0.01 U	R	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U	0.0028 J	0.0014 J	0.0063 J	0.0016 J	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	NA	0.01 UJ	0.0056 J	0.01 U	0.01 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	R	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ
Carbon disulfide	mg/L	0.001 U	0.001 U	0.00049 J	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00053 J	0.001 U	0.001 U	NA	0.001 U	0.0018	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0024	0.00073	0.0005 U	NA	0.001 U	0.0076	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0002 J	0.00017 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 U	0.002 UJ	0.00017 UJ	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 UJ	0.00061 J	0.001 U	0.00029 J	0.00019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0026	0.00041 J	0.001 U	NA	0.001 U	0.0032	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.00018 J	0.001 U	0.001 U	0.001 U	0.001 U	0.00016 J	0.00025 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U</										

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6R
Date Collected:	Units	05/07/08	11/06/08	12/15/09	11/03/10	09/25/11	10/03/12	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06
SVOCs																			
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dichlorophenol	mg/L	0.025 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.012 U	0.005 UJ	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylphenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
3,3'-Dichlorobenzidine	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	R	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
3-Nitroaniline	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.025 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Methylphenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.05 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acetophenone	mg/L	0.025 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Atrazine	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzaldehyde	mg/L	0.025 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(a)pyrene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(b)fluoranthene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(g,h,i)perylene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(k)fluoranthene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Biphenyl	mg/L	0.025 U	0.01 UJ	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
bis(2-Ethylhexyl)phthalate	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Butyl benzylphthalate	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Caprolactam	mg/L	0.025 U	0.01 UJ	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	mg/L	0.025 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenz(a,h)anthracene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U						

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6R
Date Collected:	Units	05/07/08	11/06/08	12/15/09	11/03/10	09/25/11	10/03/12	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06
SVOCs																			
Indeno(1,2,3-cd)pyrene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Isophorone	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Nitrobenzene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenol	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.012 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 UJ	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CDD/F																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	0.0000000026 U	0.000000005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	0.000000017 U	0.0000000044 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	0.000000002 U	0.0000000021 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	0.0000000024 U	0.0000000036 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	0.0000000014 U	0.0000000025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.00000000094 U	0.0000000029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.0000000016 U	0.0000000038 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.00000000089 U	0.0000000025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.0000000016 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	0.000000001 U	0.0000000029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.0000000014 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	0.0000000013 U	0.0000000033 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	0.0000000024 U	0.0000000053 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	0.00000000096 U	0.0000000028 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	0.0000000013 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	0.00000000091 U	0.0000000023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	0.0000000013 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	0.000000002 U	0.0000000025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	0.0000000024 U	0.0000000036 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	0.00000000094 U	0.0000000029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	0.0000000016 U	0.0000000038 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	0.0000000013 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	0.0000000024 U	0.0000000053 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	0.00000000091 U	0.0000000023 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	0.0000000013 U	0.0000000034 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	0.00000000422 U	0.0000000104 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6R
Date Collected:	Units	05/07/08	11/06/08	12/15/09	11/03/10	09/25/11	10/03/12	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06
CDD/F-Filtered																			
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																			
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	NA	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	NA	NA	NA	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Total PCBs	mg/L	0.0004 U	0.0004 U	NA	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Pests/PCBs-Filtered																			
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	0.0016 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																			
Antimony	mg/L	0.025 U	0.025 U	NA	NA	NA	NA	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.003	0.0014 J	NA	NA	NA	NA	0.0054 J	0.01 U	0.0029 J	0.01 U	0.0044 J	0.0032 J	0.0034 J	0.01 U	0.0043 J	0.0047 J	0.0025	0.0028 U
Barium	mg/L	0.303	0.153	NA	NA	NA	NA	0.532	0.166	0.22	1.09	0.0661	2.03	1.52	0.0562	0.495	0.058	0.0663	0.145
Beryllium	mg/L	0.001 U	0.001 U	NA	NA	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00038 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.0011 J	0.01 U	0.01 U	0.002 J	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	0.0032 J	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.00087 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Copper	mg/L	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.0023 J	0.004 J	0.005 U	0.0027 J	0.0034 J	0.005 U	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	0.0077	0.0084 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	NA	NA	NA	NA	0.003 U	0.003 U	0.0019 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.112	0.435	NA	NA	NA	NA	0.393	0.131	0.191	0.617	0.0551	1.08	0.918	0.0592	0.492	0.0809	0.0918	0.126
Mercury	mg/L	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.00011 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0035 J	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.0049 J	0.02 U	0.02 U	0.02 U	0.02 U	0.0045 J	0.0027 J	0.0016 J	0.02 U
Selenium	mg/L	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	NA	NA	NA	NA	0.01 U	0.001 U	0.001 U	0.001 U	0.000039 J	0.001 U	0.000041 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.002 J	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.00097 J	0.01 U	0.01 U	0.0009 J	0.01 U	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0158 J	0.02 U	0.0091 J	0.02 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MW-40-99	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6	MWD6R
Date Collected:	Units	05/07/08	11/06/08	12/15/09	11/03/10	09/25/11	10/03/12	09/11/01	01/09/02	11/13/02	05/21/03	12/12/03	05/05/04	05/17/04	10/26/04	05/11/05	11/02/05	05/17/06	11/13/06
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.025 U	0.025 U	NA	NA	NA	NA	0.025 U	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0053 J	0.01 U	NA	NA	NA	NA	0.0043 J	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.52	0.157	NA	NA	NA	NA	1.5	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.00035 J	NA	NA	NA	NA	0.0005 J	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.003 U	0.003 U	NA	NA	NA	NA	0.003 U	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.383	0.125	NA	NA	NA	NA	0.9	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.01 U	0.001 U	NA	NA	NA	NA	0.00041 J	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	NA
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																			
Conductivity Field	mS/cm	NA	NA	NA	1.19	1.974	1.024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.78
Conductivity Field	umhos/cm	2.71	1.34	1.7	NA	NA	0.890	NA	NA	NA	NA	1.7	NA	29.8	NA	NA	NA	0.64	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	0.09	0.07	0.34	0.38	0.31	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.13	0.18
ORP, Field	millivolts	-202	-287	-267	-84.6	-81.2	-126.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-97	-104
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.06	7.41	8.22	7.63	NA
pH Field	s.u.	7.34	6.81	6.87	6.87	7.19	7.23	NA	NA	NA	NA	7.78	NA	7.54	NA	NA	NA	7.63	8.42
Temperature	Deg C	14.91	16.05	9.45	14.46	18.10	18.18	NA	NA	NA	NA	7.97	NA	16.2	NA	NA	NA	14.28	11.13
Temperature, Ambient	Deg F	65	60	25	45	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	60	40
Turbidity (Field)	NTU	NA	4.71	4.62	9.98	2.91	5.83	NA	NA	NA	NA	4.78	NA	2.9	NA	NA	NA	4.51	23.8

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1
Date Collected:	Units	11/16/06	01/10/07	03/22/07	05/04/07	10/05/07	11/08/07	11/12/07	05/08/08	11/05/08	08/23/01	01/07/02	11/13/02	05/19/03	12/17/03	05/05/04	05/20/04	10/27/04	05/11/05
VOCs																			
1,1,1-Trichloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00053 J [0.00052 J]	0.007	0.0068	0.001 UJ	0.0072	0.0083	NA	0.0057	0.0026
1,1,2,2-Tetrachloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00025 U [0.00025 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	R	NA	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.0003 U [0.0003 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00016 U [0.00016 U]	0.001	0.00085 J	0.001 UJ	0.0011	0.00099 J	NA	0.0013	0.00044 J
1,1-Dichloroethene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00024 U [0.00024 U]	0.00097 J	0.00081 J	0.001 UJ	0.0014	0.00053 J	NA	0.0013 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00017 U [0.00017 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	NA	NA	NA	0.002 U	NA	0.002 U	NA	0.002 U	0.002 U	0.00062 U [0.00062 U]	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	NA	0.002 UJ	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00022 U [0.00022 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00011 U [0.00011 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00021 U [0.00021 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00017 U [0.00017 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00015 U [0.00015 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00017 U [0.00017 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.00041 U [0.00041 U]	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	NA	0.01 U
2-Hexanone	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 UJ	0.00046 U [0.00046 U]	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	NA	0.01 UJ	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 UJ	0.00023 U [0.00023 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	R	NA	0.01 U	0.01 U
Acetone	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.017 J [0.017 J]	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	NA	0.01 U	0.01 U
Benzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00016 U [0.00016 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Bromodichloromethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00017 U [0.00017 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Bromoform	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00018 U [0.00018 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Bromomethane (Methyl Bromide)	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.0002 U [0.0002 U]	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 UJ
Carbon disulfide	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.0002 U [0.0002 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Carbon tetrachloride	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00012 U [0.00012 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Chlorobenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00014 U [0.00014 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Chloroethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00026 U [0.00026 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00014 U [0.00014 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	NA	NA	NA	0.001 U	NA	0.00038 J	NA	0.001 U	0.001 U	0.00017 J [0.00013 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00022 U [0.00022 U]	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	NA	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00012 U [0.00012 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Cyclohexane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00013 U [0.00013 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Dibromochloromethane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 UJ	0.001 U	0.00026 U [0.00026 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	NA	NA	NA	0.002 U	NA	0.002 U	NA	0.002 U	0.002 UJ	0.00026 U [0.00026 U]	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 U	NA	0.002 U	0.002 U
Ethylbenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00012 U [0.00012 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Isopropylbenzene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00012 U [0.00012 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Methyl acetate	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.00041 U [0.00041 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
Methyl cyclohexane	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00015 U [0.00015 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Methyl Tert Butyl Ether	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00013 U [0.00013 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Methylene chloride	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 UJ	0.00034 U [0.00034 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Styrene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00015 U [0.00015 U]	0.001 U	0.001 U	R	0.001 U	0.001 U	NA	0.001 U	0.001 U
Tetrachloroethene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00023 U [0.00023 U]	0.00055 J	0.00046 J	0.001 UJ	0.001 U	0.0003 J	NA	0.00038 J	0.00028 J
Toluene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00018 U [0.00018 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00027 U [0.00027 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00015 U [0.00015 U]	0.0005 U	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	NA	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00027 U [0.00027 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 UJ	0.001 U
Trichloroethene	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00014 U [0.00014 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00028 U [0.00028 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	NA	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00032 U [0.00032 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Vinyl chloride	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	0.00015 U [0.00015 U]	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U
Xylene (total)	mg/L	NA	NA	NA	0.002 U	NA	0.002 U	NA	0.002 UJ	0.002 U	0.00033 U [0.00033 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	NA	0.002 U	0.002 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1
Date Collected:	Units	11/16/06	01/10/07	03/22/07	05/04/07	10/05/07	11/08/07	11/12/07	05/08/08	11/05/08	08/23/01	01/07/02	11/13/02	05/19/03	12/17/03	05/05/04	05/20/04	10/27/04	05/11/05
SVOCs																			
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00078 U [0.00078 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0012 U [0.0012 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0017 U [0.0017 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2,4-Dichlorophenol	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.00085 U [0.00085 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00085 U [0.00085 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.003 U [0.003 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00079 U [0.00079 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00057 U [0.00057 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00085 U [0.00085 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2-Chlorophenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.001 U [0.001 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00064 U [0.00064 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2-Methylphenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0011 U [0.0011 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
2-Nitroaniline	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.0007 U [0.0007 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
2-Nitrophenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0021 U [0.0021 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
3,3'-Dichlorobenzidine	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.00093 U [0.00093 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
3-Nitroaniline	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.00071 U [0.00071 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.0013 U [0.0013 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00088 U [0.00088 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00099 U [0.00099 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
4-Chloroaniline	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.00061 U [0.00061 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00079 U [0.00079 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
4-Methylphenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0013 U [0.0013 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
4-Nitroaniline	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.0013 U [0.0013 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
4-Nitrophenol	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U	0.0019 U [0.0019 U]	0.02 UJ	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U
Acenaphthene	mg/L	NA	NA	NA	0.00033 J	NA	0.005 U	NA	0.00046 J	0.0011 J	0.0008 U [0.0008 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Acenaphthylene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00071 U [0.00071 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Acetophenone	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.0026 U [0.0026 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
Anthracene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00068 U [0.00068 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Atrazine	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0025 U [0.0025 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Benzaldehyde	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.0028 U [0.0028 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0007 U [0.0007 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Benzo(a)pyrene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00073 U [0.00073 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Benzo(b)fluoranthene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00094 U [0.00094 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Benzo(g,h,i)perylene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00085 U [0.00085 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Benzo(k)fluoranthene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00084 U [0.00084 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Biphenyl	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.0026 U [0.0026 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00087 U [0.00087 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00097 U [0.00097 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
bis(2-Ethylhexyl)phthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0027 U [0.0027 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Butyl benzylphthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00088 U [0.00088 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Caprolactam	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.0025 U [0.0025 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
Carbazole	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U	0.00082 U [0.00082 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U
Chrysene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00075 U [0.00075 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Dibenz(a,h)anthracene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00079 U [0.00079 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Dibenzofuran	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0011 U [0.0011 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Diethyl phthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00065 U [0.00065 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Dimethyl phthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00076 U [0.00076 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Di-n-butylphthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00067 U [0.00067 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Di-n-octyl phthalate	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0011 U [0.0011 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Fluoranthene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00081 U [0.00081 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Fluorene	mg/L	NA	NA	NA	0.0002 J	NA	0.00025 J	NA	0.005 U	0.00075 J	0.001 U [0.001 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Hexachlorobenzene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00074 U [0.00074 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Hexachlorobutadiene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00073 U [0.00073 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Hexachlorocyclopentadiene	mg/L	NA	NA	NA	0.005 U	NA	0.005 UJ	NA	0.005 U	0.005 U	0.0011 U [0.0011 U]	0.005 U	0.005 U	0.005 UJ	R	R	NA	0.005 U	0.005 UJ
Hexachloroethane	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00074 U [0.00074 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1
Date Collected:	Units	11/16/06	01/10/07	03/22/07	05/04/07	10/05/07	11/08/07	11/12/07	05/08/08	11/05/08	08/23/01	01/07/02	11/13/02	05/19/03	12/17/03	05/05/04	05/20/04	10/27/04	05/11/05
SVOCs																			
Indeno(1,2,3-cd)pyrene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00063 U [0.00063 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Isophorone	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00063 U [0.00063 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0013 U [0.0013 U]	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U
Naphthalene	mg/L	NA	NA	NA	0.00025 J	NA	0.0004 J	NA	0.005 U	0.005 U	0.00075 U [0.00075 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Nitrobenzene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00081 U [0.00081 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00067 U [0.00067 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0014 U [0.0014 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Pentachlorophenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0024 U [0.0024 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Phenanthrene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.00082 U [0.00082 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Phenol	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0026 U [0.0026 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
Pyrene	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U	0.0011 U [0.0011 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U
CDD/F																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	
Date Collected:	Units	11/16/06	01/10/07	03/22/07	05/04/07	10/05/07	11/08/07	11/12/07	05/08/08	11/05/08		08/23/01	01/07/02	11/13/02	05/19/03	12/17/03	05/05/04	05/20/04	10/27/04	05/11/05
CDD/F-Filtered																				
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																				
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	NA	NA	0.0004 U	NA	0.0004 U	NA	0.0004 U	0.0004 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	0.0016 U	NA	NA	0.0016 U	NA	0.0016 U	NA	0.0016 U	0.0016 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	mg/L	0.0004 U	NA	NA	0.0004 U	NA	0.0004 U	NA	0.0004 U	0.0004 U		NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs-Filtered																				
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																				
Antimony	mg/L	NA	NA	NA	0.025 U	NA	0.025 U	NA	0.025 U	0.025 U		0.0022 U [0.0022 U]	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	NA	NA	NA	0.0014 J	NA	0.0022	NA	0.0013 J	0.0015 J		0.0039 U [0.0039 U]	0.01 U	0.01 U	0.0021 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0038 J
Barium	mg/L	NA	NA	NA	0.0627	NA	0.0699	NA	0.137	0.185		0.153 [0.153]	0.142	0.189	0.261 J	0.171	0.153	0.197	0.209	0.247
Beryllium	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U		0.00054 U [0.00054 U]	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U		0.00039 J [0.00028 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U		0.0014 U [0.0014 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U		0.0013 U [0.0013 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Copper	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U		0.0042 U [0.0042 U]	0.005 U	0.005 U	0.005 UJ	0.0073 U	0.005 U	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	0.003 U	NA	0.003 U	NA	0.003 U	0.003 U		0.0025 U [0.0025 U]	0.003 U	0.003 U	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	NA	NA	NA	0.0784	NA	0.0385	NA	0.117	0.194		0.276 [0.275]	0.213	0.234	0.289 J	0.185	0.208	0.273	0.251	0.262
Mercury	mg/L	NA	NA	NA	0.0002 U	NA	0.0002 U	NA	0.0002 U	0.0002 U		0.000069 U [0.000069 U]	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U		0.0036 J [0.0028 J]	0.0026 J	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U		0.0045 U [0.0045 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	NA	NA	NA	0.005 U	NA	0.005 U	NA	0.005 U	0.005 U		0.0015 U [0.0015 U]	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U		0.0076 J [0.0064 J]	0.000026 J	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	NA	NA	NA	0.01 U	NA	0.01 U	NA	0.01 U	0.01 U		0.00082 U [0.00082 U]	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Zinc	mg/L	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	0.02 U		0.012 U [0.012 U]	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.0152 J	0.02 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWD6R	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1
Date Collected:	Units	11/16/06	01/10/07	03/22/07	05/04/07	10/05/07	11/08/07	11/12/07	05/08/08	11/05/08	08/23/01	01/07/02	11/13/02	05/19/03	12/17/03	05/05/04	05/20/04	10/27/04	05/11/05
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0022 U [0.0022 U]	0.025 U	NA	NA	NA	NA	0.025 U	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0039 U [0.0039 U]	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.151 [0.148]	0.144	NA	NA	NA	NA	0.19	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00054 U [0.00054 U]	0.001 U	NA	NA	NA	NA	0.001 U	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00028 U [0.00044 J]	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014 U [0.0014 U]	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 U [0.0013 U]	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0042 U [0.0042 U]	0.0049 J	NA	NA	NA	NA	0.005 U	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0025 U [0.0025 U]	0.003 U	NA	NA	NA	NA	0.003 U	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.272 [0.266]	0.218	NA	NA	NA	NA	0.246	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000069 U [0.000069 U]	0.0002 U	NA	NA	NA	NA	0.0002 U	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 J [0.0022 J]	0.0024 J	NA	NA	NA	NA	0.02 U	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0045 U [0.0045 U]	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015 U [0.0015 U]	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0066 J [0.0079 J]	0.000066 J	NA	NA	NA	NA	0.001 U	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00082 U [0.00082 U]	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012 U [0.012 U]	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	8.6 J [8.7 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	7.9 J	8.4 J	NA	8.6 J [8.6 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																			
Conductivity Field	mS/cm	1.78	NA	1.575	NA	NA	NA	0.897	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	NA	1.53	NA	992	0.859	0.896	NA	0.985	1.343	NA	NA	NA	NA	1.91	NA	2.17	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	0.29	0.34	0.13	0.28	0.07	0.29	0.18	0.14	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP, Field	millivolts	222	-159	-201	-243	-132	-230	-172	-249	-136	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.89	6.85
pH Field	s.u.	8.1	7.85	8.36	8.36	8.06	8.33	8.46	8.62	8.28	NA	NA	NA	NA	6.91	NA	6.3	NA	NA
Temperature	Deg C	9.3	6.93	10.05	13.2	22.47	15.83	15.65	12.28	18.51	NA	NA	NA	NA	13.85	NA	20.4	NA	NA
Temperature, Ambient	Deg F	40	30	55	NA	85	35	45	55	60	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity (Field)	NTU	4.88	5.87	8.36	3.1	2.43	1.5	1.3	NA	1.85	NA	NA	NA	NA	3.79	NA	4.9	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1R	MWF1R	MWF1R	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01
Date Collected:	Units	11/03/05	05/18/06	11/14/06	05/03/07	11/07/07	05/08/08	12/15/09	11/04/10	09/22/11	10/02/12	10/11/01	01/09/02	08/11/03	12/16/03	11/01/04	05/12/05	11/03/05	05/18/06
VOCs																			
1,1,1-Trichloroethane	mg/L	0.0078	0.0045	0.0071	0.0084	0.0072	0.0012	0.00087 J [0.00076 J]	0.001 U	0.00053 J	0.001 U	0.01	0.0063	NA	0.0082	0.014	0.016	0.023	0.028
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00025 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.0003 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.0011	0.00069 J	0.0024	0.0022	0.0017	0.00055 J	0.0007 J [0.0007 J]	0.001 J	0.00095 J	0.001 U	0.006	0.0071	NA	0.0092	0.0082	0.0047	0.017	0.013
1,1-Dichloroethene	mg/L	0.00073 J	0.00067 J	0.00078 J	0.00059 J	0.00089 J	0.00029 J	0.00028 J [0.0002 J]	0.001 U	0.00022 J	0.001 U	0.0012	0.0011	0.0018	0.0037	0.0038 U	0.0018	0.0068	0.0083
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.00041 J [0.001 U]	0.005 U	0.005 U	0.001 U	0.00017 U	0.001 U	NA	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U [0.002 U]	0.001 U	0.001 U	0.001 U	0.00062 U	0.002 U	NA	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00022 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00011 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00021 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00017 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00015 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00017 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.025 U	0.025 U	0.025 U	0.00041 U	0.01 U	NA	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.05 U	0.05 U	0.05 U	0.00046 U	0.01 U	NA	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.05 U	0.05 U	0.05 U	0.00023 U	0.01 U	NA	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.025 U	0.025 U	0.025 U	0.00051 U	0.01 U	NA	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ
Benzene	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00016 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00017 U	0.001 U	NA	R	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00018 U	0.001 U	NA	R	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	0.001 U	0.0002 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.005 U	0.005 U	0.00023 J	0.00047 J	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00012 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00014 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00026 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00029 J	0.001 U	NA	0.001 U	0.00018 J	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.00022 J	0.00017 J	0.001 U	0.00049 J	0.001 U	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	0.001 U	0.00028 J	0.001 U	NA	0.001 U	0.00015 J	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00023 J	0.00043 J	NA	0.0016	0.0011	0.00058 J	0.0024	0.0028
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00012 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00013 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00026 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ [0.002 UJ]	0.001 U	0.001 U	0.001 U	0.00026 U	0.002 U	NA	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00012 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.005 U	0.005 U	0.005 U	0.00012 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U	0.00041 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00015 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	0.00013 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.005 U	0.005 U	0.005 U	0.00034 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00015 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.00047 J	0.00065 J	0.00041 J	0.00073 J	0.00059 J	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.002	0.00056 J	0.00056 J	0.0014	0.0026	0.0011	0.0028	0.0057
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.0002 J	0.00021 J	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	NA	NA	NA	0.00027 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00015 U	0.0005 U	NA	0.0005 U	0.001 U	0.001 U	0.00023 J	0.00027 J
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00027 U	0.001 U	NA	R	0.001 UJ	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00014 U	0.001 U	NA	0.001 U	0.0004 J	0.00033 J	0.00049 J	0.00055 J
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ [0.001 UJ]	0.001 U	0.001 U	0.001 U	0.00028 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00032 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.00015 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U [0.002 U]	0.002 U	0.002 U	0.002 U	0.00033 U	0.001 U	NA	0.001 U	0.002 U	0.002 U	0.002 U	0.002 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1R	MWF1R	MWF1R	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01
Date Collected:	Units	11/03/05	05/18/06	11/14/06	05/03/07	11/07/07	05/08/08	12/15/09	11/04/10	09/22/11	10/02/12	10/11/01	01/09/02	08/11/03	12/16/03	11/01/04	05/12/05	11/03/05	05/18/06
SVOCs																			
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00078 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0012 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0017 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.00085 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00085 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.003 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00079 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00057 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00085 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.001 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00064 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0011 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.0007 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0021 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
3,3'-Dichlorobenzidine	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.00093 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
3-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.00071 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.0013 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00088 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00099 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.00061 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00079 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
4-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0013 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
4-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.0013 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.0019 U	0.02 U	NA	NA	NA	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0008 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00071 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Acetophenone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.0026 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00068 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Atrazine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0025 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Benzaldehyde	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.0028 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0007 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Benzo(a)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00073 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Benzo(b)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00094 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Benzo(g,h,i)perylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00085 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Benzo(k)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00084 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Biphenyl	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.0026 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00087 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00097 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
bis(2-Ethylhexyl)phthalate	mg/L	0.005 U	0.001 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0027 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Butyl benzylphthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00088 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Caprolactam	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.0041 J	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
Carbazole	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.00082 U	0.01 U	NA	NA	NA	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00075 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Dibenz(a,h)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00079 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Dibenzofuran	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0011 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Diethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00065 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Dimethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00076 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Di-n-butylphthalate	mg/L	0.005 U	0.00093 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00067 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Di-n-octyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0011 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00081 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Fluorene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.001 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Hexachlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00074 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Hexachlorobutadiene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00073 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Hexachlorocyclopentadiene	mg/L	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0011 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Hexachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00074 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1R	MWF1R	MWF1R	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01
Date Collected:	Units	11/03/05	05/18/06	11/14/06	05/03/07	11/07/07	05/08/08	12/15/09	11/04/10	09/22/11	10/02/12	10/11/01	01/09/02	08/11/03	12/16/03	11/01/04	05/12/05	11/03/05	05/18/06
SVOCs																			
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00063 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00063 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0013 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00075 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00081 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00067 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0014 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0024 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00082 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0026 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0011 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
CDD/F																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1R	MWF1R	MWF1R	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01
Date Collected:	Units	11/03/05	05/18/06	11/14/06	05/03/07	11/07/07	05/08/08	12/15/09	11/04/10	09/22/11	10/02/12	10/11/01	01/09/02	08/11/03	12/16/03	11/01/04	05/12/05	11/03/05	05/18/06
CDD/F-Filtered																			
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																			
Aroclor-1016 (PCB-1016)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000054 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000056 U	0.0004 U	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000075 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000061 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000082 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000044 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000482 U	0.0016 U	NA	NA	NA	0.0016 U	0.0016 U	0.0016 U
Total PCBs	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	0.0004 U	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U
Pests/PCBs-Filtered																			
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000054 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000056 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000075 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000061 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000082 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000044 U	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000482 U	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00011 U	NA	NA	NA	NA	NA	NA	NA
Inorganics																			
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.003 J	0.025 U	NA	NA	NA	NA	0.0022 U	0.025 U	NA	NA	NA	0.025 U	0.025 U	0.025 U
Arsenic	mg/L	0.01 U	0.0012 J	0.0035	0.002	0.0012 J	0.0927	NA	NA	NA	NA	0.03	0.0236	NA	NA	NA	0.01 U	0.01 U	0.00093 J
Barium	mg/L	0.237	0.178	0.188	0.198	0.212	0.431	NA	NA	NA	NA	0.0473	0.0572	NA	NA	NA	0.0567	0.0539	0.0594
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA	NA	NA	0.00054 U	0.001 U	NA	NA	NA	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 U	0.0013 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.00028 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Chromium (Total)	mg/L	0.01 U	0.0029 J	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.0029 J	0.01 U	NA	NA	NA	0.0134	0.01 U	0.01 U
Cobalt	mg/L	0.02 U	0.0026 J	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.0013 U	0.02 U	NA	NA	NA	0.0107 J	0.02 U	0.02 U
Copper	mg/L	0.005 U	0.0022 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0179	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0052	NA	NA	NA	NA	0.003	0.003 U	NA	NA	NA	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.259	0.172	0.181	0.221	0.199	0.348	NA	NA	NA	NA	0.0541	0.234	NA	NA	NA	0.315	0.272	0.415
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.00017 J	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0032 J	0.02 U	0.0021 J	0.02 U	0.02 U	NA	NA	NA	NA	0.0049 J	0.0041 J	NA	NA	NA	0.0135 J	0.02 U	0.0023 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0063	NA	NA	NA	NA	0.0045 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.005 U	0.003 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.0015 U	0.005 U	NA	NA	NA	0.005 U	0.005 U	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.000031 J	0.000048 J	0.001 U	0.001 U	NA	NA	NA	NA	0.005 U	0.000025 J	NA	NA	NA	0.001 U	0.001 U	0.000046 J
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0069 J	NA	NA	NA	NA	0.0171	0.0078 J	NA	NA	NA	0.01 U	0.01 U	0.01 U
Zinc	mg/L	0.02 U	0.0114 J	0.02 U	0.02 U	0.02 U	0.0202	NA	NA	NA	NA	0.169	0.0124 J	NA	NA	NA	0.0304	0.02 U	0.0155 J

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

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Sample ID:		MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1	MWF1R	MWF1R	MWF1R	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01
Date Collected:	Units	11/03/05	05/18/06	11/14/06	05/03/07	11/07/07	05/08/08	12/15/09	11/04/10	09/22/11	10/02/12	10/11/01	01/09/02	08/11/03	12/16/03	11/01/04	05/12/05	11/03/05	05/18/06
Inorganics-Filtered																			
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 J	0.025 U	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0416	0.0124	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0386	0.0646	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00054 U	0.001 U	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00028 U	0.005 U	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014 U	0.01 U	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013 U	0.02 U	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0154	0.005 U	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0025 U	0.003 U	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0324	0.269	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000069 U	0.0002 U	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 J	0.0027 J	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0045 U	0.005 U	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015 U	0.005 U	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	0.000025 J	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0247	0.003 J	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0158 J	0.0208	NA	NA	NA	NA	NA	NA
Miscellaneous																			
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																			
Conductivity Field	mS/cm	NA	NA	2.5	NA	NA	NA	NA	4.011	3.803	3.325	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	NA	NA	NA	2,660	2.87	2.99	4.49 [4.49]	NA	NA	2.835	NA	NA	1.59	1.62	NA	NA	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.0	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	0.21	0.35	0.45	0.42	0.51 [0.51]	0.35	0.16	0.69	NA	NA	NA	NA	NA	NA	NA	NA
ORP, Field	millivolts	NA	NA	220	162	132	-17	-54 [-54]	-20.6	-54.4	-36.5	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	pH Units	6.81	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.99	7.16	6.9	6.71
pH Field	s.u.	NA	NA	6.14	6.82	7.17	7.06	6.73 [6.73]	6.82	6.83	7.19	NA	NA	8.72	7.01	NA	NA	NA	NA
Temperature	Deg C	NA	NA	13.7	14.89	14.77	13.35	10.03 [10.03]	14.52	17.56	17.37	NA	NA	22.96	20.17	NA	NA	NA	NA
Temperature, Ambient	Deg F	NA	NA	45	NA	35	55	25 [25]	45	72	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity (Field)	NTU	NA	NA	4.9	4.37	2.2	NA	1.2 [1.2]	1.8	0.61	3.21	NA	NA	1.88	0.81	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
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Sample ID:		MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01
Date Collected:	Units	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	10/03/12	09/05/01	01/04/02	11/13/02	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	04/01/05
VOCs																		
1,1,1-Trichloroethane	mg/L	0.023	0.034	0.0075	0.014	0.036	0.023	0.014	0.0075	0.03	0.035	0.073	0.06 J	0.037	0.058	NA	0.081	0.049
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,1-Dichloroethane	mg/L	0.0083	0.016	0.0019	0.0048	0.012	0.0065	0.0048	0.0032	0.0045	0.0054	0.025	0.017 J	0.0066	0.0059	NA	0.008	0.0043
1,1-Dichloroethene	mg/L	0.003	0.007	0.00093 J	0.0017	0.0056	0.0027	0.0019	0.00073 J	0.0035	0.0028	0.0058	0.0034 J	0.0028	0.0048	NA	0.01	0.0014 J
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U	0.001 U	0.005 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 UJ	0.002 U	0.002 U	0.0033 U	0.002 U	<0.001	0.001 U	0.002 U	0.004 U	0.005 U	0.004 UJ	0.0029 UJ	0.004 U	NA	0.005 UJ	0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U	0.025 U	0.025 U	0.01 U	0.02 U	0.025 UJ	0.02 UJ	0.014 U	0.02 U	NA	0.025 U	0.017 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U	0.05 U	0.05 U	0.01 U	0.02 U	0.025 UJ	0.02 UJ	0.014 U	0.02 U	NA	0.025 UJ	0.017 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U	0.05 U	0.05 U	0.01 U	0.02 U	R	R	0.014 U	0.02 U	NA	0.025 U	0.017 U
Acetone	mg/L	0.001 J	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U	0.0016 J	0.025 U	0.01 UJ	0.02 UJ	0.025 UJ	0.02 UJ	0.014 U	0.02 U	NA	0.025 U	0.017 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	R	0.002 U	NA	0.0025 U	0.0017 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	R	0.002 U	NA	0.0025 U	0.0017 U
Bromomethane (Methyl Bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 UJ	0.001 U	0.001 U	0.001 UJ	0.002 UJ	0.0025 UJ	R	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.005 U	0.00023 J	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.00039 J	0.001 U	0.001 U	0.00034 J	0.00027 J	0.001 J	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Chloromethane (Methyl Chloride)	mg/L	0.001 U	0.001 U	0.00031 J	0.001 U	0.0017 U	0.0007 J	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
cis-1,2-Dichloroethene	mg/L	0.0012	0.0025	0.00036 J	0.00067 J	0.0026	0.0013	0.0009 J	0.00040 J	0.0005 U	0.001 U	0.0016	0.0013 J	0.00074	0.001 U	NA	0.00067 J	0.0017 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.0033 UJ	0.002 UJ	0.001 U	0.001 U	0.002 U	0.004 U	0.005 U	0.004 UJ	0.0029 U	0.004 U	NA	0.005 U	0.0033 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Isopropylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.005 U	0.005 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.025 U	0.02 UJ	0.014 U	0.02 U	NA	0.025 U	0.017 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Methyl Tert Butyl Ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0084 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.012 U	0.01 UJ	0.0072 U	0.01 UJ	NA	0.012 U	0.0084 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 UJ	0.001 U	0.005 U	0.005 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	R	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Tetrachloroethene	mg/L	0.0023	0.0055	0.00095 J	0.0016	0.0055 J	0.0033	0.0016	0.00057 J	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	NA	NA	0.001 U	0.002 U	0.0025 U	0.002 U	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.0002 J	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.001 U	0.0012 U	0.001 UJ	0.00072 U	0.001 U	NA	0.0025 U	0.0017 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	R	0.002 U	NA	0.0025 UJ	0.0017 U
Trichloroethene	mg/L	0.00044 J	0.00043 J	0.00034 J	0.00032 J	0.00051 J	0.00032 J	0.001 U	0.001 U	0.00014 J	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 UJ	NA	0.0025 U	0.0017 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.0025 U	0.0017 U
Xylene (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 UJ	0.0033 U	0.002 U	0.002 U	0.002 U	0.001 U	0.002 U	0.0025 U	0.002 UJ	0.0014 U	0.002 U	NA	0.005 U	0.0033 U

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Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
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PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01
Date Collected:	Units	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	10/03/12	09/05/01	01/04/02	11/13/02	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	04/01/05
SVOCs																		
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2,4,5-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2,4,6-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
2,4-Dimethylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2,4-Dinitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
2,4-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2,6-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2-Chloronaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2-Chlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2-Methylnaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
2-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
2-Nitrophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
3,3'-Dichlorobenzidine	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
3-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
4-Bromophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
4-Chloro-3-methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 UJ	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
4-Chloroaniline	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	R	0.01 U	0.01 UJ	R	0.01 U	NA	0.01 U	NA
4-Chlorophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
4-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
4-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	NA
4-Nitrophenol	mg/L	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	NA	0.02 U	NA
Acenaphthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Acenaphthylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Acetophenone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
Anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Atrazine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Benzaldehyde	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
Benzo(a)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Benzo(a)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Benzo(b)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Benzo(g,h,i)perylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Benzo(k)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Biphenyl	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
bis(2-Chloroethoxy)methane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
bis(2-Chloroethyl)ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
bis(2-Ethylhexyl)phtthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.0037 J	NA
Butyl benzylphtthalate	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Caprolactam	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
Carbazole	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	NA
Chrysene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Dibenz(a,h)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Dibenzofuran	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Diethyl phtthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Dimethyl phtthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Di-n-butylphtthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Di-n-octyl phtthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Fluorene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Hexachlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Hexachlorobutadiene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Hexachlorocyclopentadiene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	R	R	NA	0.005 U	NA
Hexachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01
Date Collected:	Units	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	10/03/12	09/05/01	01/04/02	11/13/02	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	04/01/05
SVOCs																		
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.005 U	NA
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	NA
CDD/F																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01
Date Collected:	Units	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	10/03/12	09/05/01	01/04/02	11/13/02	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	04/01/05
CDD/F-Filtered																		
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																		
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 UJ	0.0004 U	0.0004 U	NA	0.0004 U	NA
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	NA
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	NA	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	0.0016 U	NA
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	NA	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	NA
Pests/PCBs-Filtered																		
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0016 U	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics																		
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	NA	NA	NA	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	NA
Arsenic	mg/L	0.002 U	0.00054 J	0.002 U	0.0013 J	0.00067 J	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	NA
Barium	mg/L	0.0533	0.032	0.0586	0.0901	0.127	NA	NA	NA	NA	0.0353	0.0406	0.0246 J	0.0325	0.0365	0.0424	0.0542	NA
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA	NA	NA	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	NA
Cadmium	mg/L	0.005 U	0.005 U	0.00068 J	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA
Chromium (Total)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	NA
Cobalt	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.00097 J	0.00093 J	0.02 U	0.02 U	0.02 U	0.02 U	NA
Copper	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.0023 J	0.005 U	0.005 U	0.005 U	NA
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	NA	NA	NA	0.003 U	0.003 U	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 U	NA
Manganese	mg/L	0.311	0.187	0.376	0.421	0.573	NA	NA	NA	NA	1.11 J	1.23	1.05 J	1.07	1.55	1.26	1.18	NA
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA
Nickel	mg/L	0.002 J	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	NA
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.00003 J	0.001 U	0.001 U	0.001 U	NA	NA	NA	NA	0.000019 J	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	NA
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	NA
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.0062 J	NA	NA	NA	NA	0.02 U	0.02 U	0.02 UJ	0.0329 U	0.02 U	0.02 U	0.02 U	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF7-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01
Date Collected:	Units	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	10/03/12	09/05/01	01/04/02	11/13/02	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	04/01/05
Inorganics-Filtered																		
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U	NA	NA	NA	NA	0.025 U	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.037	NA	NA	NA	NA	0.046	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	0.001 U	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	0.02 U	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U	NA	NA	NA	NA	0.003 U	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2 J	NA	NA	NA	NA	1.13	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U	NA	NA	NA	NA	0.0002 U	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0034 J	NA	NA	NA	NA	0.02 U	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA	0.005 U	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000029 J	NA	NA	NA	NA	0.001 U	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U	NA	NA	NA	NA	0.0306 U	NA	NA
Miscellaneous																		
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																		
Conductivity Field	mS/cm	1.189	NA	NA	NA	NA	NA	1.668	1.538	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity Field	umhos/cm	NA	1,231	1.34	1.81	2.72	2	NA	1.285	NA	NA	NA	NA	1.206	NA	1.49	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	12.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	0.48	0.59	0.44	0.34	0.25	0.44	0.39	1.18	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP, Field	millivolts	222	136	149	-44	-53	-50	19.8	-7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	pH Units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.18	NA
pH Field	s.u.	7.24	6.96	6.66	7.18	6.9	6.77	6.91	6.99	NA	NA	NA	NA	6.96	NA	6.4	NA	NA
Temperature	Deg C	19.2	19.73	21.16	18.31	21.52	16.94	18.68	16.55	NA	NA	NA	NA	13.77	NA	16.1	NA	NA
Temperature, Ambient	Deg F	50	NA	35	65	60	25	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity (Field)	NTU	1.4	0.5	2.9	NA	1.03	1.88	0.51	1.85	NA	NA	NA	NA	1.44	NA	4.1	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	09/22/11	10/03/12	09/05/01	01/04/02	11/13/02
VOCs																
1,1,1-Trichloroethane	mg/L	0.049	0.079	0.035	0.013	0.022	0.061	0.022	0.048	0.062	0.001	0.015	0.009	0.0002 J [0.001 U]	0.0013 [0.033]	0.002 [0.0017]
1,1,2,2-Tetrachloroethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,1,2-Trichloroethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,1-Dichloroethane	mg/L	0.0053	0.0059	0.01	0.0008 J	0.0042	0.009	0.0028	0.0075	0.006	0.0016	0.0024	0.0011	0.00055 J [0.00046 J]	0.0026 [0.0046]	0.0018 [0.0016]
1,1-Dichloroethene	mg/L	0.0048	0.006	0.0057	0.00037 J	0.0014	0.0062	0.00099 J	0.003	0.0035	0.00066 J	0.001 U	0.00045 J	0.001 U [0.001 U]	0.001 U [0.0023]	0.001 U [0.001 U]
1,2,4-Trichlorobenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.002 U	0.001 U	0.0017 U	0.002 U	0.005 U	0.005 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.004 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.004 U	0.002 U	0.0033 U	0.004 U	0.001 U	0.001 U	0.001 U	0.002 U [0.002 U]	0.002 U [0.004 U]	0.002 U [0.002 U]
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,2-Dichlorobenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,2-Dichloroethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,2-Dichloropropane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,3-Dichlorobenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
1,4-Dichlorobenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.017 U	0.02 U	0.025 U	0.025 U	0.025 U	0.01 U [0.01 U]	0.01 U [0.02 U]	0.01 UJ [0.01 UJ]
2-Hexanone	mg/L	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.017 U	0.02 U	0.05 U	0.05 U	0.05 U	0.01 U [0.01 U]	0.01 U [0.02 U]	0.01 UJ [0.01 UJ]
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.017 U	0.02 U	0.05 U	0.05 U	0.05 U	0.01 UJ [0.01 U]	0.01 UJ [0.02 U]	R [R]
Acetone	mg/L	0.02 U	0.01 U	0.01 UJ	0.01 U	0.01 U	0.02 U	0.01 U	0.065	0.02 U	0.025 J	0.025 J	0.025 U	0.00078 J [0.00063 J]	0.01 U [0.02 UJ]	0.01 UJ [0.01 UJ]
Benzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Bromodichloromethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Bromoform	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Bromomethane (Methyl Bromide)	mg/L	0.002 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ [0.001 U]	0.001 UJ [0.002 UJ]	0.001 UJ [0.001 UJ]
Carbon disulfide	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.005 U	0.005 U	0.005 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Carbon tetrachloride	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Chlorobenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Chloroethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Chloroform (Trichloromethane)	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.00015 J [0.00017 J]	0.001 U [0.002 U]	0.001 U [0.001 U]
Chloromethane (Methyl Chloride)	mg/L	0.002 U	0.001 U	0.00019 J	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.00084 J	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
cis-1,2-Dichloroethene	mg/L	0.00047 J	0.0003 J	0.00057 J	0.001 U	0.001 U	0.00061 J	0.001 U	0.00055 J	0.00059 J	0.001 U	0.001 U	0.001 U	0.0005 U [0.0005 U]	0.0005 U [0.001 U]	0.0005 U [0.0005 U]
cis-1,3-Dichloropropene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 UJ	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Cyclohexane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 UJ [0.001 UJ]	0.001 U [0.002 U]	0.001 U [0.001 U]
Dibromochloromethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Dichlorodifluoromethane (CFC-12)	mg/L	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	0.0033 UJ	0.004 UJ	0.001 U	0.001 U	0.001 U	0.002 U [0.002 U]	0.002 U [0.004 U]	0.002 U [0.002 U]
Ethylbenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Isopropylbenzene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.005 U	0.005 U	0.005 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Methyl acetate	mg/L	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.017 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U [0.02 U]	0.01 U [0.01 U]
Methyl cyclohexane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 UJ	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Methyl Tert Butyl Ether	mg/L	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	0.0084 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U [0.01 U]	0.005 U [0.005 U]
Methylene chloride	mg/L	0.002 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 UJ	0.002 U	0.005 U	0.005 U	0.005 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 UJ [0.001 U]
Styrene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 UJ	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Tetrachloroethene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 UJ	0.0017 UJ	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Toluene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.00048 J [0.00046 J]	0.001 U [0.002 U]	0.001 U [0.001 U]
Total 1,3 Dichloropropenes	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	NA	NA	NA	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
trans-1,2-Dichloroethene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.0005 U [0.0005 U]	0.0005 U [0.001 U]	0.0005 U [0.0005 U]
trans-1,3-Dichloropropene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 UJ	0.0017 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U [0.002 U]	0.001 U [0.001 U]
Trichloroethene	mg/L	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U</										

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	09/22/11	10/03/12	09/05/01	01/04/02	11/13/02
SVOCs																
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2,4,5-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2,4,6-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
2,4-Dimethylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2,4-Dinitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
2,4-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2,6-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2-Chloronaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2-Chlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2-Methylnaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
2-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
2-Nitrophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
3,3'-Dichlorobenzidine	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
3-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
4-Bromophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
4-Chloro-3-methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
4-Chloroaniline	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	R [R]	0.01 U [0.01 U]
4-Chlorophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
4-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
4-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.02 U]	0.02 U [0.02 U]
4-Nitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 UJ	0.02 U	NA	NA	NA	NA	0.02 UJ [0.02 UJ]	0.02 U [0.02 U]	0.02 U [0.02 U]
Acenaphthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Acenaphthylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Acetophenone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
Anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Atrazine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Benzaldehyde	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
Benzo(a)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Benzo(a)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Benzo(b)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Benzo(g,h,i)perylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Benzo(k)fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Biphenyl	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
bis(2-Chloroethoxy)methane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
bis(2-Chloroethyl)ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 UJ [0.005 U]
bis(2-Ethylhexyl)phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Butyl benzylphthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Caprolactam	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
Carbazole	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]	0.01 U [0.01 U]
Chrysene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Dibenz(a,h)anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Dibenzofuran	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Diethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Dimethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Di-n-butylphthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Di-n-octyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Fluoranthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Fluorene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Hexachlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Hexachlorobutadiene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Hexachlorocyclopentadiene	mg/L	0.005 UJ	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Hexachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	09/22/11	10/03/12	09/05/01	01/04/02	11/13/02
SVOCs																
Indeno(1,2,3-cd)pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Nitrobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Phenanthrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]	0.005 U [0.005 U]
CDD/F																
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered																
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	09/22/11	10/03/12	09/05/01	01/04/02	11/13/02
CDD/F-Filtered																
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs																
Aroclor-1016 (PCB-1016)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Aroclor-1221 (PCB-1221)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Aroclor-1232 (PCB-1232)	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	NA	NA	NA	0.0004 U [0.0004 U]	NA	0.0004 U [0.0004 U]
Aroclor-1242 (PCB-1242)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Aroclor-1248 (PCB-1248)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Aroclor-1254 (PCB-1254)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Aroclor-1260 (PCB-1260)	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	0.0002 U [0.0002 U]
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	NA	NA	NA	NA	0.0016 U [0.0016 U]	NA	0.0016 U [0.0016 U]
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	NA	NA	NA	NA	0.0004 U [0.0004 U]	NA	0.0004 U [0.0004 U]
Pests/PCBs-Filtered																
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U [0.0004 U]	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0016 U [0.0016 U]	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U [0.0004 U]	NA	NA
Inorganics																
Antimony	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	NA	NA	NA	NA	NA	0.025 U [0.025 U]	0.025 U [0.025 U]
Arsenic	mg/L	0.01 U	0.01 U	0.002 U	0.002 U	0.002 U	0.002 U	0.001 J	0.002 U	NA	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]
Barium	mg/L	0.067	0.0831	0.063	0.0972	0.0997	0.0892	0.0777	0.0596	NA	NA	NA	NA	NA	0.0475 [0.0365]	0.061 [0.0596]
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA	NA	NA	NA	0.001 U [0.001 U]	0.001 U [0.001 U]
Cadmium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	NA	0.005 U [0.005 U]	0.00039 J [0.00031 J]
Chromium (Total)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]
Cobalt	mg/L	0.0014 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	NA	NA	NA	NA	NA	0.0052 J [0.02 U]	0.0022 J [0.0025 J]
Copper	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.002 J	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	NA	NA	NA	NA	NA	0.003 U [0.003 U]	0.003 U [0.003 U]
Manganese	mg/L	1.64	1.25	1.52	1.22	1.11	1.55	1.16	1.81	0.747	0.001	0.9	3.2 B	NA	1.57 J [1.11 J]	1.02 [0.996]
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	0.0002 U [0.0002 U]
Nickel	mg/L	0.0027 J	0.0015 J	0.0033 J	0.0017 J	0.0036 J	0.0052 J	0.02 U	0.02 U	NA	NA	NA	NA	NA	0.0063 J [0.02 U]	0.0043 J [0.0036 J]
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	NA	0.0046 J [0.005 U]	0.005 U [0.005 U]
Silver	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA	NA	NA	0.005 U [0.005 U]	0.005 U [0.005 U]
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA	NA	NA	NA	0.000077 J [0.000024 J]	0.001 U [0.001 U]
Vanadium	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA	NA	NA	NA	0.01 U [0.01 U]	0.01 U [0.01 U]
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0052 J	0.0082 J	NA	NA	NA	NA	NA	0.02 U [0.02 U]	0.02 U [0.0287]

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-01	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08	12/15/09	11/04/10	09/22/11	10/03/12	09/05/01	01/04/02	11/13/02
Inorganics-Filtered																
Antimony (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025 U [0.025 U]	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U [0.01 U]	NA
Barium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.052 [0.0371]	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00067 J [0.001 U]	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U [0.005 U]	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U [0.01 U]	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0051 J [0.02 U]	NA
Copper (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U [0.005 U]	NA
Lead (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003 U [0.003 U]	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.74 J [1.17 J]	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U [0.0002 U]	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0044 J [0.0033 J]	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U [0.005 U]	NA
Silver (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U [0.005 U]	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000077 J [0.001 U]	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U [0.01 U]	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 U [0.02 UJ]	NA
Miscellaneous																
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters																
Conductivity Field	mS/cm	NA	NA	NA	3.23	NA	NA	NA	NA	NA	1.172	1.721	1.283	NA	NA	NA
Conductivity Field	umhos/cm	NA	NA	NA	NA	3,350	2.74	2.71	2.71	2.25	NA	NA	1.062	NA	NA	NA
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.7	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	0.14	0.36	0.33	0.53	0.18	0.17	0.18	0.23	0.95	NA	NA	NA
ORP, Field	millivolts	NA	NA	NA	216	132	162	129	19	-29	31.8	4.4	-31.6	NA	NA	NA
pH Field	pH Units	7.04	6.7	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH Field	s.u.	NA	NA	NA	7.16	6.88	6.77	6.84	6.97	6.97	7.05	6.93	7.21	NA	NA	NA
Temperature	Deg C	NA	NA	NA	14.8	14.09	14.67	15.23	17.07	9.39	15.50	16.7	16.10	NA	NA	NA
Temperature, Ambient	Deg F	NA	NA	NA	50	NA	35	65	60	25	37	67	NA	NA	NA	NA
Turbidity (Field)	NTU	NA	NA	NA	1.6	0.18	0.3	NA	4.61	1.87	1	0.28	2.16	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08
VOCs														
1,1,1-Trichloroethane	mg/L	0.00077 J	0.00025 J	0.00026 J	NA	0.00022 J	0.00037 J	0.00081 J	0.0019	0.0029	0.0026	0.0021	0.0024	0.0012 J
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1,2-Trichloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1-Dichloroethane	mg/L	0.00084 J	0.00098 J	0.0032	NA	0.0033	0.0021	0.0025	0.0014	0.0017	0.0011	0.0013	0.0034	0.0034
1,1-Dichloroethene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.00018 J	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2,4-Trichlorobenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0025 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 UJ	0.002 UJ	0.002 U	NA	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.005 U
1,2-Dibromoethane (Ethylene Dibromide)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichlorobenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichloropropane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,3-Dichlorobenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,4-Dichlorobenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
2-Butanone (Methyl Ethyl Ketone)	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
2-Hexanone	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	R	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
Acetone	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.001 J	0.01 U	0.01 U	0.01 U	0.01 U	0.2
Benzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromodichloromethane	mg/L	0.001 UJ	R	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromoform	mg/L	0.001 UJ	R	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromomethane (Methyl Bromide)	mg/L	R	0.001 U	0.001 U	NA	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Carbon disulfide	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Carbon tetrachloride	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chlorobenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloroform (Trichloromethane)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloromethane (Methyl Chloride)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.00015 J	0.001 U	0.001 U	0.00034 J	0.001 U	0.0025 U
cis-1,2-Dichloroethene	mg/L	0.0005 UJ	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
cis-1,3-Dichloropropene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0025 U
Cyclohexane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Dibromochloromethane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.002 UJ	0.002 U	0.002 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005 UJ
Ethylbenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Isopropylbenzene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Methyl acetate	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
Methyl cyclohexane	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Methyl Tert Butyl Ether	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
Methylene chloride	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 UJ
Styrene	mg/L	R	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Tetrachloroethene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 UJ
Toluene	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Total 1,3 Dichloropropenes	mg/L	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
trans-1,2-Dichloroethene	mg/L	0.0005 UJ	0.0005 U	0.0005 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
trans-1,3-Dichloropropene	mg/L	0.001 UJ	R	R	NA	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Trichloroethene	mg/L	0.001 UJ	0.001 U	0.001 UJ	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Vinyl chloride	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Xylene (total)	mg/L	0.001 UJ	0.001 U	0.001 U	NA	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.005 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
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Sample ID:		MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08
SVOCs														
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dichlorophenol	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylphenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
3,3'-Dichlorobenzidine	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
3-Nitroaniline	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.01 UJ	R	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Methylphenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	mg/L	0.02 UJ	0.02 U	0.02 U	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.02 UJ	0.02 UJ	0.02 UJ	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acetophenone	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Atrazine	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzaldehyde	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(a)pyrene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(b)fluoranthene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(g,h,i)perylene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Benzo(k)fluoranthene	mg/L	0.005 UJ	0.005 U	0.005 UJ	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Biphenyl	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
bis(2-Ethylhexyl)phthalate	mg/L	0.005 UJ	0.00045 J	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Butyl benzylphthalate	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U
Caprolactam	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	mg/L	0.01 UJ	0.01 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenz(a,h)anthracene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenzofuran	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Diethyl phthalate	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dimethyl phthalate	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Di-n-butylphthalate	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Di-n-octyl phthalate	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Fluoranthene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Fluorene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Hexachlorobenzene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Hexachlorobutadiene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Hexachlorocyclopentadiene	mg/L	0.005 UJ	R	R	NA	0.005 U	0.005 UJ	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Hexachloroethane	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08
SVOCs														
Indeno(1,2,3-cd)pyrene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Isophorone	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylphenol (Cresol)	mg/L	0.005 U	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Nitrobenzene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodi-n-propylamine	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenol	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.005 UJ	0.005 U	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CDD/F														
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-TCDD Equivalent	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDD/F-Filtered														
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)(Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08
CDD/F-Filtered														
2,3,7,8-Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzofuran (HpCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Heptachlorodibenzo-p-dioxin (HpCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzofuran (HxCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Hexachlorodibenzo-p-dioxin (HxCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzofuran (PeCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Pentachlorodibenzo-p-dioxin (PeCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzofuran (TCDF) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Tetrachlorodibenzo-p-dioxin (TCDD) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pests/PCBs														
Aroclor-1016 (PCB-1016)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	0.0004 UJ	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	0.0002 UJ	0.0002 U	0.0002 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Total PCBs-Realm/Encore	mg/L	0.0016 U	0.0016 U	0.0016 U	NA	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Total PCBs	mg/L	0.0004 U	0.0004 U	0.0004 U	NA	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Pests/PCBs-Filtered														
Aroclor-1016 (PCB-1016) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221 (PCB-1221) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232 (PCB-1232) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242 (PCB-1242) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248 (PCB-1248) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254 (PCB-1254) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260 (PCB-1260) (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs-Realm/Encore	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (Dissolved)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics														
Antimony	mg/L	0.025 UJ	0.025 U	0.025 U	0.025 U [0.025 U]	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.0022 J	0.025 U	0.025 U
Arsenic	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0028	0.002 U
Barium	mg/L	0.0646 J	0.0687	0.0729	0.0803 [0.0785]	0.0978	0.0578	0.0659	0.0635	0.0625	0.0519	0.0752	0.0914	0.0661
Beryllium	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U [0.001 U]	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U [0.00046 J]	0.00042 J	0.00052 J	0.005 U	0.00047 J	0.005 U	0.005 U	0.005 U	0.00094 J	0.005 U
Chromium (Total)	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0026 J	0.01 U
Cobalt	mg/L	0.0021 J	0.002 J	0.0013 J	0.0021 J [0.0024 J]	0.0021 J	0.0019 J	0.0026 J	0.0034 J	0.0033 J	0.0021 J	0.02 U	0.0042 J	0.0017 J
Copper	mg/L	0.005 UJ	0.0027 J	0.0025 J	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0022 J	0.005 U	0.0055	0.005 U
Cyanide (total)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.003 UJ	0.003 U	0.003 U	0.003 U [0.003 U]	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	1.03 J	0.956	1.3	1.31 [1.3]	1.07	0.897	1.34	1.25	1.23	0.483	0.612	0.945	1.21
Mercury	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U [0.0002 U]	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0032 J	0.0056 J	0.0036 J	0.0044 J [0.0056 J]	0.0048 J	0.0061 J	0.0081 J	0.0121 J	0.0155 J	0.0066 J	0.0056 J	0.0081 J	0.0041 J
Selenium	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.0066 U	0.005 U	0.0067 U	0.005 U	0.005 U	0.0043 J	0.005 U
Silver	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U [0.005 U]	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0031 J	0.005 U
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U [0.00003 J]	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000023 J	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U [0.01 U]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0022 J	0.01 U
Zinc	mg/L	0.02 UJ	0.0229 U	0.0152 J	0.02 U [0.02 U]	0.02 U	0.02 U	0.02 U	0.0174 J	0.02 U	0.02 U	0.0051 J	0.0094 J	0.0076 J

Appendix C
Summary of Historical Semi-Annual Groundwater Sampling Analytical Results
RACER Trust
Pontiac North Campus

PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

Sample ID:		MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02	MWF12-02
Date Collected:	Units	05/19/03	12/16/03	05/04/04	05/20/04	10/27/04	05/11/05	11/03/05	05/18/06	11/10/06	05/02/07	11/07/07	05/07/08	11/04/08
Inorganics-Filtered														
Antimony (Dissolved)	mg/L	NA	NA	NA	0.025 U [0.025 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic (Dissolved)	mg/L	NA	NA	NA	0.01 U [0.01 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium (Dissolved)	mg/L	NA	NA	NA	0.0768 [0.078]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium (Dissolved)	mg/L	NA	NA	NA	0.001 U [0.001 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium (Dissolved)	mg/L	NA	NA	NA	0.00045 J [0.00039 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium Total (Dissolved)	mg/L	NA	NA	NA	0.01 U [0.01 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt (Dissolved)	mg/L	NA	NA	NA	0.0018 J [0.002 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper (Dissolved)	mg/L	NA	NA	NA	0.005 U [0.005 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead (Dissolved)	mg/L	NA	NA	NA	0.003 U [0.003 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese (Dissolved)	mg/L	NA	NA	NA	1.25 [1.28]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (Dissolved)	mg/L	NA	NA	NA	0.0002 U [0.0002 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel (Dissolved)	mg/L	NA	NA	NA	0.0047 J [0.005 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium (Dissolved)	mg/L	NA	NA	NA	0.005 U [0.005 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver (Dissolved)	mg/L	NA	NA	NA	0.005 U [0.005 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium (Dissolved)	mg/L	NA	NA	NA	0.001 U [0.001 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium (Dissolved)	mg/L	NA	NA	NA	0.01 U [0.01 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc (Dissolved)	mg/L	NA	NA	NA	0.02 U [0.02 U]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous														
pH (water)	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (water)	s.u.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Field Parameters														
Conductivity Field	mS/cm	NA	NA	NA	NA	NA	NA	NA	NA	3.73	NA	NA	NA	NA
Conductivity Field	umhos/cm	NA	2.54	NA	2.91	NA	NA	NA	NA	NA	3,300	4.13	3.98	3.98
Dissolved Oxygen	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen, Field	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.26	0.9	0.34	0.24	0.2
ORP, Field	millivolts	NA	NA	NA	NA	NA	NA	NA	NA	230	128	171	91	39
pH Field	pH Units	NA	NA	NA	NA	6.92	6.85	6.4	6.61	NA	NA	NA	NA	NA
pH Field	s.u.	NA	6.91	NA	6.5	NA	NA	NA	NA	6.55	6.72	6.77	6.5	6.85
Temperature	Deg C	NA	14.02	NA	15	NA	NA	NA	NA	13.4	11.67	12.85	13.36	16.03
Temperature, Ambient	Deg F	NA	NA	NA	NA	NA	NA	NA	NA	50	NA	35	65	60
Turbidity (Field)	NTU	NA	0.31	NA	0.5	NA	NA	NA	NA	1.14	0.23	0.43	NA	0.43

APPENDIX E

Chemical Concentration Graphs



