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October 4, 2011

CERTIFIED MAIL NO. 7003 0500 0003 3623 3029

Theresa Holz (SE-5J)
USEPA - Region 5
77 West Jackson Blvd
Chicago, IL 60604

RE: Accra Pac / Warner Baker Site
Civil Action #H89-0113
Semi-Annual Progress Report, Fall 2011

Dear Ms. Holz:

Transmitted herewith is the fall 2011 Semi-Annual Progress Report with the enclosed Semi-Annual Groundwater Monitoring Report for the Accra Pac Group / Warner Baker property (the Site) located at 2626 Industrial Parkway in Elkhart, Indiana. This Semi-Annual Progress Report is submitted by Heartland Environmental Associates, Inc., (Heartland) in accordance with the Consent Decree and with subsequent instructions from the USEPA concerning the submittal of progress reports.

System Operation

Since the previous semi-annual monitoring on March 15, 2011, the groundwater sparge and soil vapor extraction (SVE) remediation systems at the Site have been in continuous operation, except for a brief shutdown during September 12-to-13, 2011, for the subject September 2011 groundwater monitoring event.

To address persistent high VOC concentrations in the groundwater in the general area of monitoring well MW-15, the air flow for the sparge system was adjusted on November 16, 2009, to direct more air to the area of well MW-15, and the SVE system was further adjusted on April 12, 2010, to increase the SVE air flow as much as possible in the west part of the Site which included the area near well MW-15. These adjustments were maintained at the Site during the subject monitoring period.

Sampling Results

The results of the most recent semi-annual groundwater monitoring, which was conducted on September 13, 2011, are provided in the enclosed Semi-Annual Groundwater Monitoring Report. The most significant contaminant concentrations are present in monitoring wells MW-10B and MW-15. As is indicated in the report, the clean-up objectives have not yet been met, and the overall total Compliance VOC concentrations increased slightly at the Site in September 2011 relative to the previous monitoring conducted in March 2011 (also see below).

Clean Up Progress and Closure Status

The established groundwater cleanup standard for this Site is 5% of the baseline concentration (95% removal) of the total concentrations of the initially detected fifteen Volatile Organic Compounds (i.e. the "Compliance VOC concentration" or "VOC 15"). The total Compliance VOC concentration at the Site is presently about 9% of the baseline concentration (about 91% removal) based on the results from the recent September 2011 monitoring event. The enclosed figure titled "Groundwater Cleanup Progress" (the Progress Chart) charts the progress of the overall groundwater cleanup at the Site since 1999.

The SVE system began operation on June 25, 1998; and the sparge system began operation on July 15, 2000. As shown on the Progress Chart, the start of the operation of the sparge system reversed a trend of steadily increasing Compliance VOC concentrations, and the Compliance VOC concentrations then decreased substantially during the first 1.5 years following the start of the operation of the sparge system. Since then, the Compliance VOC concentrations have fluctuated between about 26% and 9% of the baseline concentration (about 74% and 91% removal). In order to target the most significant contaminant concentrations in the area of monitoring well MW-15, two additional sparge wells were installed in late 2004. The new sparge wells were placed at a shallower depth (45 feet) than the original sparge wells (65 feet). This was an effort to reach an area where the effectiveness of the existing, deeper wells may have been limited by the complex geology of the southwest corner of the Site.

Fluctuations in the Compliance VOC concentrations during 2005 to 2007 made it difficult to determine if the sparge and SVE systems were having a positive effect at further reducing the overall Compliance VOC concentrations despite the installation of the newer sparge wells. Much of the fluctuations in concentrations could be explained by rebound effects following the previous winter shut downs of the systems. The winter shut downs had been conducted in order to avoid freeze damage to the above-ground system piping. In order to improve the effectiveness of the remediation, an effort was made to operate the systems as much as

possible during the winter seasons of 2007-2008, 2008-2009, 2009-2010 and 2010-2011. The approach was to only shut off the systems during periods of very cold weather (e.g. when high air temperatures were predicted to be below about 20°F) and to operate the systems during periods of warmer weather during the winter. As was documented in the previous reports for the earlier March 2008, 2009, 2010 and 2011 monitoring events, the operation of the systems as much as possible during the winter seasons of 2007-2008, 2008-2009, 2009-2010 and 2010-2011 successfully avoided the rebound effects caused by the previous winter shutdowns. Therefore, it is planned that the systems will be operated continuously during the remaining warm weather seasons of 2011 and as much as possible during the upcoming winter of 2011-2012.

The sampling results for the recent September 2011 monitoring event indicate a slight increase in total Compliance VOC concentrations for the Site compared to the results from the last monitoring event in March 2011. The main factor in the overall increase in the total Compliance VOC concentrations for the Site was a slight increase in total Compliance VOC concentrations at well MW-15. The total Compliance VOC concentrations also increased slightly at wells MW-4, MW-7 and MW-10B but decreased slightly at well MW-14. Fluctuating elevated levels of VOC have persisted in the area of well MW-15 since about 2002. Additional measures taken to help address this area of the Site include the installation of additional sparge wells in that area in 2004, the adjustments to the sparge system in November 2009 to direct more air to the area of well MW-15, and the adjustments to the SVE system in April 2010 to increase the SVE air flow in the west part of the Site in the area near well MW-15. Although the total Compliance VOC concentrations increased slightly at the Site in September 2011 relative to the previous monitoring conducted in March 2011, the total Compliance VOC concentrations detected during both 2011 semi-annual sampling events are less that the total Compliance VOC concentrations detected during the 2009, 2010 and other previous semi-annual sampling events. This suggests that the 2009 and 2010 adjustments to the systems are having positive effects on the remediation efforts at the Site. Therefore, it is expected that the adjustments to direct more air for sparging and to increase the SVE air flow in the area of well MW-15 will be maintained and the results will again be evaluated after another year of operation.

Deliverables

The next semi-annual progress report will be submitted after the results of the March 2012 semi-annual groundwater monitoring are available.

Should you have any questions concerning this report or its enclosures, please feel free to call me at (574) 289-1191 or email me at jcsporleder@heartlandenv.com .

Sincerely,

HEARTLAND ENVIRONMENTAL ASSOCIATES, INC.

J. C. Sporleder, L.P.G.
Senior Project Geologist

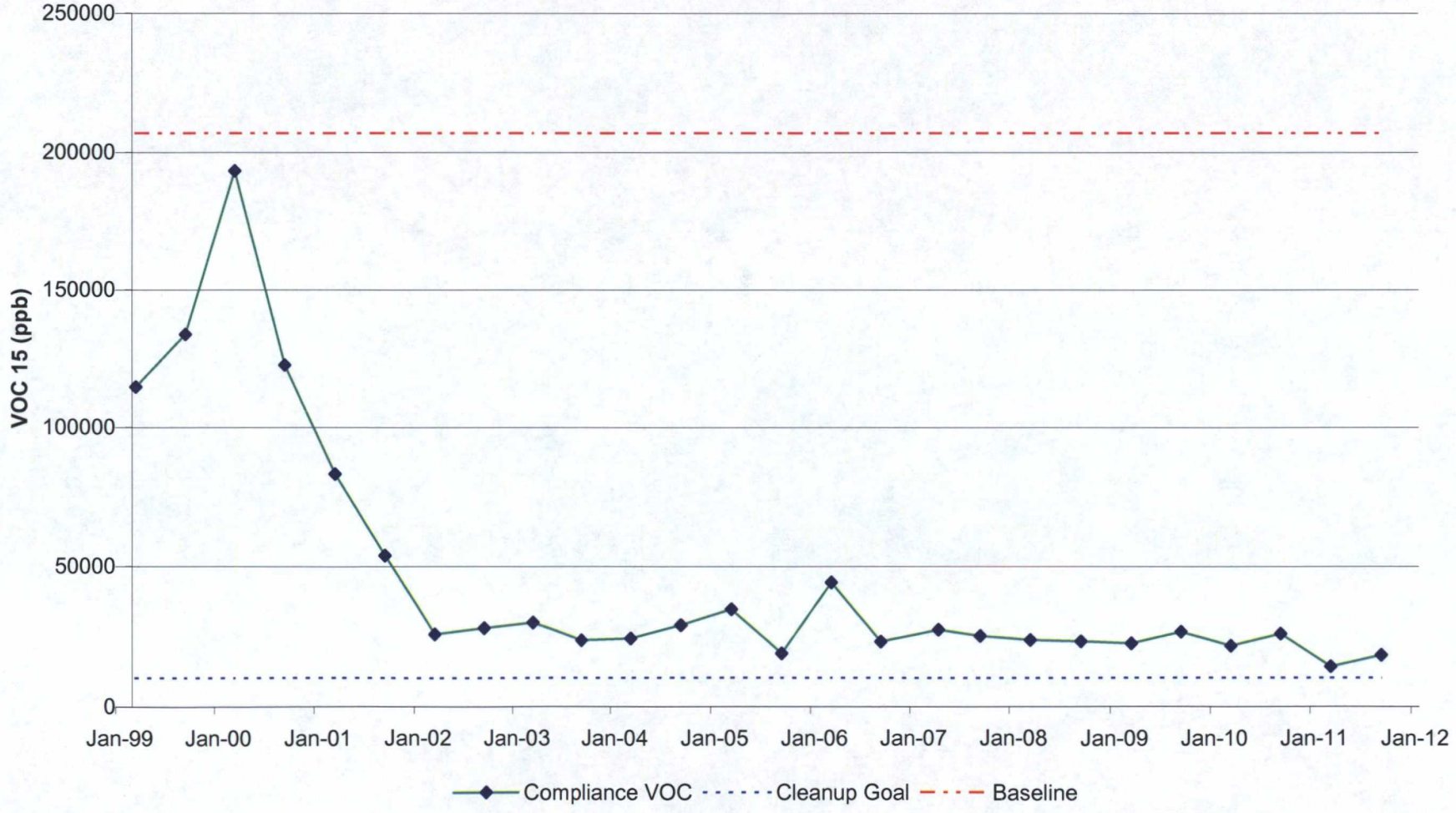
JCS:jcs
Enclosures:

- Groundwater Cleanup Progress Chart.
- Semi-Annual Groundwater Monitoring Report.

cc: John Wingard, KIK Custom Products / Accra Pac Group
Malcolm J. Tuesley, Esq.

GROUNDWATER CLEANUP PROGRESS CHART

Groundwater Cleanup Progress
Warner Baker Site
VOC 15 Site Total



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SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Heartland Environmental Associates, Inc.

SEMI-ANNUAL GROUNDWATER MONITORING SEPTEMBER 2011 2626 INDUSTRIAL PARKWAY ELKHART, INDIANA

OCTOBER 4, 2011

PREPARED FOR
KIK CUSTOM PRODUCTS / ACCRA PAC GROUP

PREPARED BY
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1.0 INTRODUCTION

This report concerns the September 13, 2011, semi-annual groundwater monitoring conducted by Heartland Environmental Associates, Inc., (Heartland) of South Bend, Indiana, for the property located at 2626 Industrial Parkway, Elkhart, Indiana (the Site). This report was prepared by Heartland on behalf of KIK Custom Products / Accra Pac Group.

The purpose of the semi-annual monitoring is to determine groundwater contamination concentrations at compliance wells for comparison to baseline groundwater test results in order to determine when groundwater remediation is complete. Table 1.1 lists the monitoring wells used for baseline and compliance groundwater monitoring. The subject September 13, 2011, monitoring was performed by Heartland in accordance with the May 13, 1996, EIS Environmental Engineers, Inc., (EIS) report "Predesign and Compliance Monitoring Plan, Accra Pac Group/Warner Baker Site consent Decree, Civil Action No. H89-0113." Baseline groundwater monitoring was previously conducted by EIS on September 30, 1996. A report concerning the baseline-monitoring event was submitted by EIS to the US EPA on October 31, 1996.

The soil vapor extraction (SVE) system was installed at the Site in accordance with the Final Design Submittal dated November 25, 1997. The operation of the SVE system was initiated on June 25, 1998. A sparge system was installed at the Site during June 2000 and began operation on July 15, 2000. Two additional sparge wells were installed at the Site in October 2004, and became operational on November 1, 2004.

Prior to the winter of 2007-2008, with the exception of the winter of 2003-2004 when the sparge system was operated through the winter, the vapor extraction system and the sparge system were previously operated during the spring, summer and fall seasons and were shut off during the winter season. The systems were previously shut off during the winter seasons in order to prevent freeze damage to the systems. However, since about 2005 it was observed that total Compliance VOC concentrations in the groundwater in the spring typically increased relative to the total Compliance VOC concentrations in the preceding fall. It was reasoned that the increases in the spring were a rebound effect likely caused by the systems being shutdown during the winter season. Therefore, in order to improve the effectiveness of the remediation, an effort was made to extend the operation of the systems as much as possible during the winters of 2007-2008, 2008-2009, 2009-2010, and 2010-2011. The approach was to only shut off the systems during periods of very cold weather (e.g. when high air temperatures were predicted to be below about 20°F) and to operate the systems during periods of warmer weather during the winter. As was documented in the previous reports concerning the spring 2008, 2009, 2010 and 2011 semi-annual monitoring events, the operation of the systems during the winters evidently has had a positive effect on the remediation effort by avoiding the rebound of VOC concentrations that had been observed after previous winter shutdowns of the systems.

TABLE 1.1
MONITORING WELLS FOR BASELINE AND COMPLIANCE MONITORING

WELL ID	SCREENED DEPTH BELOW GRADE (feet)	RELATIVE LOCATION OF WELL	PURPOSE
MW-1	16.3 - 26.3(1)	Upgradient of site	Baseline
MW-4	16.8 - 26.8(1)	Downgradient center of site	Baseline, Compliance
MW-7	30.0 - 40.0	Downgradient, northeast corner of site	Baseline, Compliance
MW-10B	49.5 - 54.5	Downgradient, northwest corner of site	Baseline, Compliance
MW-14	41.5 - 46.5	Adjacent to east pit	Baseline, Compliance
MW-15	39.7 - 44.7	Adjacent to west pit	Baseline, Compliance

Notes:

(1) The screened depths for wells MW-1 and MW-4 are estimated from measured well depths and assume a ten-foot screened interval at the bottom of each well.

Since the previous semi-annual monitoring event on March 15, 2011, the groundwater sparge and SVE remediation systems at the Site were in continuous operation except for a brief shutdown during September 12-to-13, 2011, for the subject September 2011 groundwater monitoring event.

The total Compliance VOC concentrations increased slightly at the Site in September 2011 relative to the previous monitoring conducted in March 2011. Evaluation of the results for individual wells indicate that the main factor in the overall increase in the total Compliance VOC concentrations for the Site was the increase at well MW-15. Fluctuating elevated levels of VOC have persisted in the area of well MW-15 since about 2002. Additional measures taken to help address this area of the Site include the installation of additional sparge wells in that area in 2004, the adjustments to the sparge system in November 2009 to direct more air to the area of well MW-15, and the adjustments to the SVE system in April 2010 to increase the SVE air flow in the west part of the Site in the area near well MW-15. Although the total Compliance VOC concentrations increased slightly at the Site in September 2011 relative to the previous monitoring conducted in March 2011, the total Compliance VOC concentrations detected during both 2011 semi-annual sampling events are less that the total Compliance VOC concentrations detected during the 2009, 2010 and other previous semi-annual sampling events. This suggests that the 2009 and 2010 adjustments to the systems are having positive effects on the remediation efforts at the Site. Therefore, it is expected that the adjustments to direct more air for sparging and to increase the SVE air flow in the area of well MW-15 will be maintained and the results will again be evaluated after another year of operation.

The results of the subject September 13, 2011, sampling event, as well as a comparison of the results with established clean-up levels, are presented in Section 4.0 of this report. The objective clean-up limits were not achieved as of the September 2011 monitoring. Therefore, remediation and semi-annual monitoring are expected to continue. It is planned that the remediation systems will be operated continuously during the remaining warm weather of 2011 and as much as possible during the upcoming winter season of 2011-2012 in order to avoid rebound effects to attempt to achieve an overall decrease in the VOC concentrations. The next semi-annual groundwater sampling event is scheduled for March 2012.

2.0 FIELD SAMPLING INFORMATION

Heartland collected groundwater samples on September 13, 2011, from the compliance monitoring wells MW-4, MW-7, MW-10B, MW-14 and MW-15 at the Site. A field duplicate with extra volume for matrix spike/duplicate matrix spike analyses was collected from well MW-7. Each sample was collected with a Teflon bailer immediately after purging three well volumes of water with a PVC bailer. The sampling equipment was washed with non-phosphate detergent and triple rinsed with de-ionized water prior to each collection. The purge water was contained on-site for subsequent off-site disposal. Details regarding the collection of each sample were recorded on monitoring well sampling forms which are provided in Appendix C.

Chain-of-custody records were maintained by Heartland staff and are provided in Appendix B. All samples were shipped on September 13, 2011, for overnight morning delivery to the TestAmerica, Inc., laboratory in Dayton, Ohio.

3.0 GROUNDWATER FLOW DIRECTIONS

On September 13, 2011, Heartland determined the static water levels (SWLs) at the Site by measuring the depth to groundwater from the top of well casings to 0.01 foot. The SWLs were measured at 13 wells at the Site, at well MW-1 located south of the Site, and at wells MW-12 and MW-13 located on the property adjacent to the east side of the Site. The SWL depth measurements for all 16 wells were completed in about a 2.5-hour period of time and prior to the start of well sampling activities. The SVE and sparge systems were shut off on September 12, 2011, and had been off for at least 24 hours prior to measuring the SWLs (the SVE and sparge systems were re-started on September 14, 2011, following the semi-annual sample collections on September 13, 2011). Table 3.1 provides a summary of the SWL data. Figure 3.1 shows the SWL surface contours and groundwater flow directions at the Site as indicated by the September 13, 2011, SWL data. The groundwater flow directions show that compliance wells MW-4, MW-7, MW-10B, MW-14 and MW-15 are generally downgradient with respect to the previously identified contaminant source areas in the vicinity of the two former pits at the Site. The observed September 13, 2011, general groundwater flow direction pattern is typical to most historically observed groundwater flow patterns at the Site.

TABLE 3.1
STATIC WATER LEVEL DEPTH AND ELEVATION DATA SEPTEMBER 13, 2011

Well I.D.	Time of Check	SWL Depth from TOC[2] (Feet)	TOC[3] [4] Elev. (Feet, N.G.V.D.)	SWL[4] Elev. (Feet, N.G.V.D.)
MW-1	9:15 A.M.	11.34	755.75	744.41
MW-3	11:26 A.M.	12.25	756.41	744.16
MW-4	10:32 A.M.	11.96	756.115	744.16
MW-5	9:24 A.M.	7.38	751.74	744.36
MW-5B	9:25 A.M.	7.21	751.54	744.33
MW-6	9:20 A.M.	6.56	750.94	744.38
MW-7	11:03 A.M.	11.96	756.015	744.06
MW-8	9:12 A.M.	7.65	752.02	744.37
MW-9	10:38 A.M.	11.47	755.66	744.19 (roots on probe tip)
MW-10	11:12 A.M.	DRY	756.815	(Dry at well depth of ≈ 11.95 feet from TOC; roots on probe tip.)
MW-10B	11:13 A.M.	9.81	753.835	744.03
MW-11	11:31 A.M.	9.20	753.53	744.33
MW-12	9:43 A.M.	9.02	753.145	744.13
MW-13	9:40 A.M.	6.73	750.915	744.19
MW-14	11:41 A.M.	12.25	756.47	744.22
MW-15	11:37 A.M.	11.51	755.75	744.24

Notes:

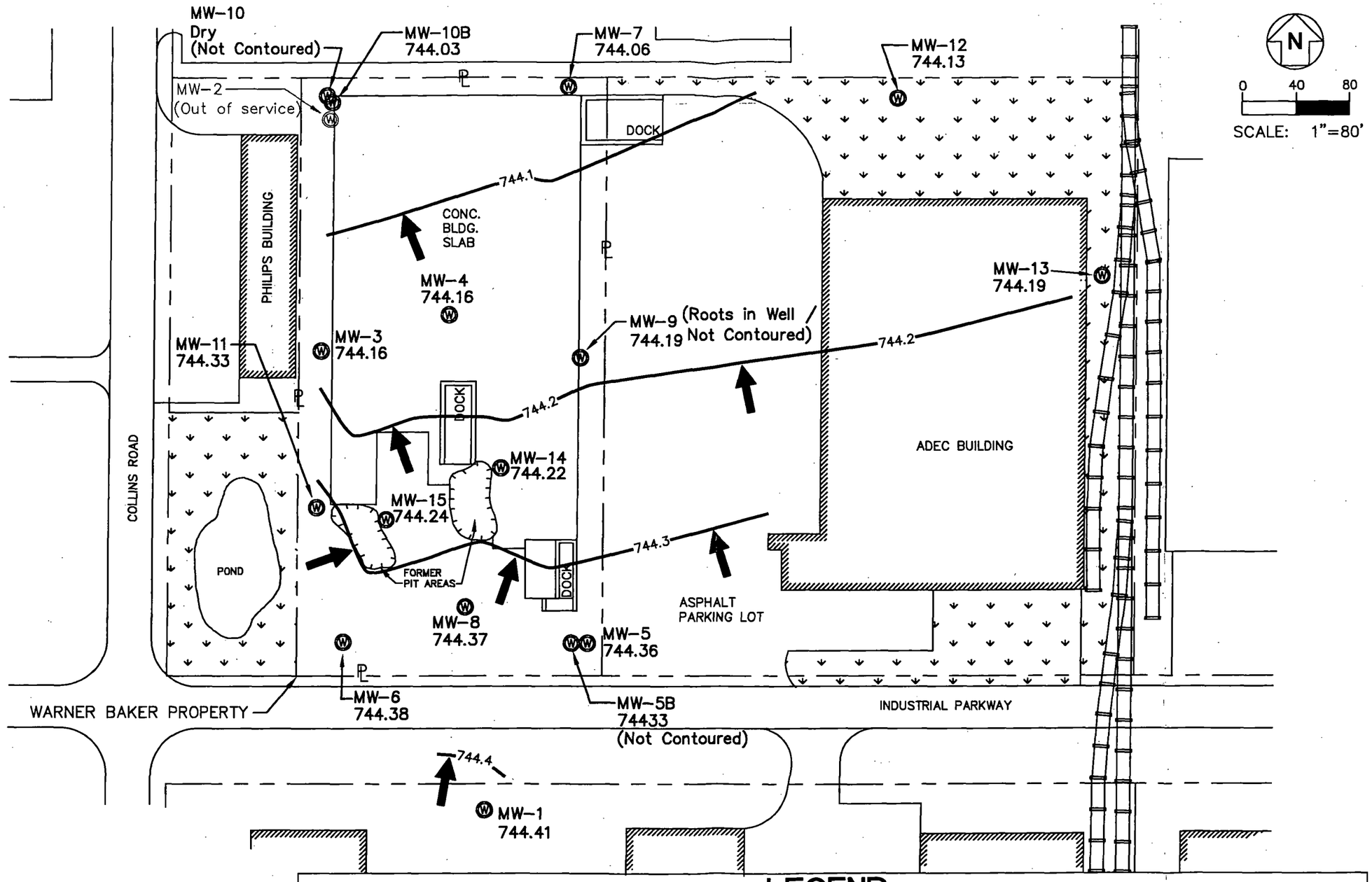
(1) SWL = Static Water Level.

(2) TOC = Top of Well Casing.

(3) TOC Elev. = TOC Elevation per EIS Survey of March 22, 2001.

(4) SWL Elev. = SWL Elevation.

(5) The sparge system and SVE system were shut off at 7:20 AM on September 12, 2011, and restarted on September 14, 2011, after the SWL checks and sampling were completed on September 13, 2011. The systems were shut off more than 24 hours prior to the static water level checks and sampling on September 13, 2011.



LEGEND

MW-1 744.41 — Monitoring well location and groundwater elevation in feet (NGVD) as measured on September 13, 2011. All measurements were made in about a 2.5 hour time period.

Groundwater flow direction.

744.2 — Groundwater elevation contour in feet (NGVD). Contour interval is 0.1 foot.

Property line.

Former pit areas from previous remediation efforts at the site. The pits are now filled, and a Sparge/SVE remediation system is in this general area.

Drawn	JMS
Approved	JCS
Date	Sept. 2011
Proj.No.	1092-11-01
Sheet No.	FIGURE 3.1

FIGURE 3.1

ACCRA PAC
2626 INDUSTRIAL PARKWAY, ELKHART INDIANA
GROUNDWATER FLOW DIRECTION MAP
SEPTEMBER 13, 2011

HEARTLAND ENVIRONMENTAL ASSOCIATES, INC.
3410 Mishawaka Ave. — South Bend, IN 46615
Tele. (574) 289-1191 — Fax. (574) 289-7480

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4.0 RESULTS OF SAMPLING AND ANALYSES

4.1 Analytical Results

Analytical reports, with Quality Control and Quality Assurance data, for each sample collected are provided in Appendix A. A summary of the analytical results from the September 13, 2011, monitoring event is provided in Table 4.1. Trend graphs showing the concentrations over time are provided in Appendix D.

4.2 Comparison of Results with Established Clean-up Levels

The baseline analytical results for groundwater from compliance wells MW-4, MW-7, MW-10B, MW-14 and MW-15 were established during the September 30, 1996, baseline groundwater monitoring event. The 1996 baseline results are used to evaluate the results from compliance monitoring in order to determine if remediation is complete. The details for the evaluation procedure are provided in Section 2.0 of the May 13, 1996, EIS report "Predesign and Compliance Monitoring Plan." According to the terms of the Consent Order, the groundwater remediation will be considered complete when the total groundwater VOC concentrations at the compliance wells have stabilized at a 95% reduction of the total baseline VOC concentrations. On November 28, 2001, EIS requested that the USEPA clarify the appropriate procedure to calculate the 95% reduction of the total baseline VOC concentrations. In response to this request, Mr. Kenneth Theisen, the USEPA - Region 5 project manager, clarified that the remediation completion criteria would be based on the sum of VOC concentrations at all the compliance wells. Therefore, groundwater remediation will be considered complete when the sum of the total groundwater VOC concentrations determined by the compliance wells MW-4, MW-7, MW-10B, MW-14 and MW-15 have stabilized at a 95% reduction of the sum of the total baseline VOC concentrations for these wells. The total VOC concentrations, known as "VOC 15," are the sum of the analytical results for the following 15 VOC parameters:

1,2-Dichlorobenzene	Toluene
1,1-Dichloroethane	1,1,1-Trichloroethane
1,2-Dichloroethane	Trichloroethene
1,1-Dichloroethene	Trichlorofluoromethane
c-1,2-Dichloroethene	1,1,2-Trichlorotrifluoroethane
Dichlorofluoromethane	Vinyl Chloride
Ethylbenzene	Xylenes
Tetrachloroethene	

For the purposes of determining VOC 15, each parameter for which contamination was not detected is assigned a value of half of the Estimated Quantitation Limit (EQL). A Sample Detection Limit (SDL) may be used if the laboratory reported the SDL rather than the EQL. Table 4.2 lists the VOC 15 concentrations, associated data, clean-up levels, and an evaluation of whether or not the clean-up limits have been achieved. As is indicated in Table 4.2, the objective clean-up limits were not achieved as of the September 13, 2011, monitoring event. Therefore, remediation and semi-annual monitoring will continue. The next semi-annual groundwater sampling event is scheduled for March 2012.

TABLE 4.1

SUMMARY OF ANALYTICAL RESULTS
SEPTEMBER 13, 2011 (1)

VOC 15 PARAMETERS (2)	RESULT (PPB)					
	WELL/SAMPLE ID					
	MW-4	MW-7	FD(MW-7)(4)	MW-10B	MW-14	MW-15
1,2-Dichlorobenzene	ND	2.11	2.26	ND	ND	ND
1,1-Dichloroethane	31.4	146	150	138	80.7	ND
1,2-Dichloroethane	ND	1.09	1.12	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
c-1,2-Dichloroethene	ND	9.20	8.86	2.67	2.86	ND
Dichlorofluoromethane	ND	ND	ND	27.3	27.1	ND
Ethylbenzene	ND	ND	ND	ND	2.19	ND
Tetrachloroethene	2.21	5.53	5.42	138	65.6	ND
Toluene	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	8.60	13.4	11.5	14.4	26.3	ND
Trichloroethene	ND	17.3	15.6	2.84	110	ND
Trichlorofluoromethane	ND	ND	ND	ND	15.1	ND
1,1,2-Trichlorotrifluoroethane	279	7.69	6.20	2,590	69.5	14,500
Vinyl Chloride	ND	6.62	5.50	ND	10.1	ND
Xylenes	ND	ND	ND	ND	ND	ND

Notes:

(1) Semi-annual groundwater monitoring was conducted by Heartland at the site located at 2626 Industrial Parkway, Elkhart, Indiana, on September 13, 2011.

(2) VOC 15 Parameters = The list of 15 Volatile Organic Compounds (VOC) previously detected in groundwater at the Site. In accordance with the May 13, 1996, "Predesign and Compliance Monitoring Plan" the total concentration of these 15 VOC, identified as "VOC 15" is to be used to evaluate remediation at the Site. See text and Table 4.2 for details.

(3) ND = Not Detected. See Analytical Reports in Appendix A for detection limits.

(4) FD = Field Duplicate.

TABLE 4.2
DETERMINATION OF COMPLIANCE VOC 15 CONCENTRATIONS AND COMPARISON WITH BASELINE VOC 15 CONCENTRATIONS AND CLEAN-UP LEVELS [1]
SEPTEMBER 13, 2011, SAMPLING EVENT

	COMPLIANCE WELL/SAMPLE ID																SITE TOTALS
	MW-4			MW-7			FD(MW-7)			MW-10B		MW-14		MW-15			
Detected VOC (ppb)[2]	321.21			208.94			206.46			2,913.21		409.45		14,500			↓
Number Non-Detects[3]	9	1	1	4	1	1	4	1	1	7	1	4	1	12	1	1	
EQL(ppb)[4]	1	2	5	1	2	5	1	2	5	1	2	1	2	10	20	50	
Non-Detected VOC (ppb)[5]	9	2	5	4	2	5	4	2	5	7	2	4	2	120	20	50	
½ Non-Detected VOC (ppb)[6]	4.5	1	2.5	2	1	2.5	2	1	2.5	3.5	1	2	1	60	10	25	
Compliance VOC 15 (ppb)[7]	329.21			214.44			211.96			2,917.71		412.45		14,595			18,468.81
Baseline VOC 15 (ppb) from 1996[8]	4,111.6			1,751.6			1,751.6			16,530		99,870		82,850			206,864.8
5% Baseline VOC 15 (ppb) from 1996[9]	205.58			87.58			87.58			826.50		4,993.5		4,142.5			10,343.24
Is Compliance VOC 15 < or = 5% Baseline VOC 15? [10]																	NO

Notes: See next page for notes to Table 4.2.

TABLE 4.2 (continued)
DETERMINATION OF COMPLIANCE VOC 15 CONCENTRATIONS AND COMPARISON WITH AND BASELINE VOC 15 CONCENTRATIONS AND CLEAN-UP LEVELS (1) SEPTEMBER 13, 2011, SAMPLING EVENT

Notes to Table 4.2:

(1) Baseline data were calculated from the analyses of 15 target Volatile Organic Compounds (VOC 15) as obtained from the September 30, 1996, baseline groundwater monitoring event for the site located at 2626 Industrial Parkway, Elkhart, Indiana. See EIS report dated October 31, 1996, regarding the September 1996 baseline event and the May 13, 1996, EIS report, "Predesign and Compliance Monitoring Plan" for details for the determination and use of baseline results in the evaluation of future compliance monitoring results. On November 28, 2001, Mr. Kenneth Theisen, the USEPA – Region 5 project manager, clarified that the remediation completion criteria would be based on the sum of VOC concentrations at all the compliance wells. Therefore, groundwater remediation will be considered complete when the sum of the total groundwater VOC concentrations determined by the compliance wells MW-4, MW-7, MW-10B, MW-14 and MW-15 have stabilized at a 95% reduction of the sum of the total baseline VOC concentrations for these wells.

(2) Detected VOC 15 = Total concentration of detected VOC from current monitoring event. See Table 4.1 and Analytical Reports in Appendix A for details.

(3) Number Non-Detects = Number of target VOC parameters for which contamination was not detected in current monitoring event.

(4) EQL = Estimated Quantitation Limit. A Reporting Detection Limit (RDL) may be used for evaluation purposes if the laboratory did not report an EQL. If more than one EQL or RDL is listed, parameter specific non-detected VOC values must be computed. See note 5 below.

(5) Non-Detected VOC = The product obtained by multiplying the number of Non-Detected VOC by the EQL (or RDL). If more than one EQL or RDL is listed the Non-Detected VOC is the sum of the products obtained by multiplying number of Non-Detected VOC by the associated EQL or RDL values.

(6) ½ Non-Detected VOC = The quotient obtained by dividing the Non-Detected VOC by 2.

(7) Compliance VOC 15 = The sum obtained by adding the Detected VOC 15 to the ½ Non-Detected VOC. Compliance VOC 15 is a total value, comprising the sum of the 15 individual target VOC parameters.

(8) Baseline VOC 15 = The sum of the 15 individual target VOC parameters as determined as a result of the 1996 baseline event.

(9) 5% Baseline VOC 15 = 5% of the Baseline VOC 15 concentration. This value represents a 95% reduction in the total concentration of VOC 15 and is intended for use as a clean-up level in order to evaluate if remediation is complete.

(10) If Compliance VOC 15 is less than or equal to 5% Baseline VOC 15, a 95% reduction in the concentration of VOC 15 is indicated and the clean-up level has been achieved. See the May 13, 1996, EIS report, "Predesign and Compliance Monitoring Plan" for actions to be taken once the clean-up levels have been achieved.

(11) The field duplicate value is used in place of the value for the well for which it is a duplicate if the field duplicate value is greater.

APPENDIX A

ANALYTICAL RESULTS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
Michigan Service Center 10448 Citation Drive, Suite 200 Brighton, MI 48116

September 26, 2011

Client:

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615

Attn: JC Sporleder

Work Order: DUI0552
Project Name: Accra Pac
Project Number: 1092 -- 11-01

Date Received: 09/14/11

Samples logged in at Dayton laboratory.

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-4	DUI0552-01	09/13/11 13:25
MW-7	DUI0552-02	09/13/11 13:20
MW-10B	DUI0552-03	09/13/11 14:55
MW-14	DUI0552-04	09/13/11 14:40
MW-15	DUI0552-05	09/13/11 15:50
FD+MS/DMS	DUI0552-06	09/13/11 13:25
Trip Blank	DUI0552-07	09/13/11

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Report Approved By:

Taryn Mancine

This report has been electronically signed.

TestAmerica Dayton
Taryn Mancine For Shelly A. Howard
Dayton Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
Michigan Service Center 10448 Citation Drive, Suite 200 Brighton, MI 48116

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 -- 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	RL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DUI0552-01 (MW-4 - Water - NonPotable)					**Sampled: 09/13/11 13:25**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/20/11 02:39	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
1,1-Dichloroethane	**31.4**		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Tetrachloroethene	**2.21**		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	**8.60**		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Trichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**279**		ug/L	10.0	10	09/20/11 20:25	jdt	11I0846	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 02:39	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 02:39	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 02:39	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 02:39	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 02:39	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 02:39	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 20:25	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 02:39	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 20:25	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 02:39	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 20:25	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 02:39	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*97 %*					09/20/11 20:25	jdt	11I0846	SW 8260B
Sample ID: DUI0552-02 (MW-7 - Water - NonPotable)					**Sampled: 09/13/11 13:20**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/20/11 03:49	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	**2.11**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
1,1-Dichloroethane	**146**		ug/L	10.0	10	09/20/11 16:05	jdt	11I0846	SW 8260B
1,2-Dichloroethane	**1.09**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	**9.20**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Tetrachloroethene	**5.53**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	**13.4**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Trichloroethene	**17.3**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**7.69**		ug/L	1.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B

Heartland Environmental Associates
3410 Mishawaka Ave.
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JC Sporleder

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Project: Accra Pac
Project Number: 1092 -- 11-01

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Reported: 09/26/11 12:00

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	RL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DUI0552-02 (MW-7 - Water - NonPotable) - cont.					**Sampled: 09/13/11 13:20**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS - cont.									
Vinyl chloride	**6.62**		ug/L	1.00	1	09/20/11 15:37	jdt	11I0846	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 03:49	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 03:49	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:49	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 03:49	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 03:49	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 03:49	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 15:37	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:49	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 15:37	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 03:49	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 15:37	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 03:49	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 15:37	jdt	11I0846	SW 8260B
Sample ID: DUI0552-03 (MW-10B - Water - NonPotable)					**Sampled: 09/13/11 14:55**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	**27.3**		ug/L	5.00	1	09/20/11 04:35	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
1,1-Dichloroethane	**138**		ug/L	50.0	50	09/20/11 19:39	jdt	11I0846	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	**2.67**		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Tetrachloroethene	**138**		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	**14.4**		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Trichloroethene	**2.84**		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**2590**		ug/L	50.0	50	09/20/11 19:39	jdt	11I0846	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 04:35	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 04:35	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*102 %*					09/20/11 04:35	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*99 %*					09/20/11 04:35	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*98 %*					09/20/11 04:35	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 04:35	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 19:39	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*102 %*					09/20/11 04:35	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/20/11 19:39	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*					09/20/11 04:35	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 19:39	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*98 %*					09/20/11 04:35	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 19:39	jdt	11I0846	SW 8260B

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 – 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	RL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DUI0552-04 (MW-14 - Water - NonPotable)					**Sampled: 09/13/11 14:40**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	**27.1**		ug/L	5.00	1	09/20/11 03:02	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
1,1-Dichloroethane	**80.7**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	**2.86**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Ethylbenzene	**2.19**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Tetrachloroethene	**65.6**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	**26.3**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Trichloroethene	**110**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Trichlorofluoromethane	**15.1**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**69.5**		ug/L	1.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Vinyl chloride	**10.1**		ug/L	1.00	1	09/20/11 16:29	jdt	11I0846	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 03:02	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 16:29	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 16:29	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 16:29	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 03:02	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/20/11 16:29	jdt	11I0846	SW 8260B
Sample ID: DUI0552-05 (MW-15 - Water - NonPotable)					**Sampled: 09/13/11 15:50**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<50.0	RL7	ug/L	50.0	10	09/20/11 04:12	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
1,1-Dichloroethane	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
1,2-Dichloroethane	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Ethylbenzene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Tetrachloroethene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Toluene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Trichloroethene	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**14500**		ug/L	200	200	09/20/11 18:52	jdt	11I0846	SW 8260B

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ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	RL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DUI0552-05 (MW-15 - Water - NonPotable) - cont.					**Sampled: 09/13/11 15:50**		**Recvd: 09/14/11 09:10**		
Volatile Organic Compounds by GC/MS - cont.									
Vinyl chloride	<10.0	RL7	ug/L	10.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Xylenes, Total	<20.0	RL7	ug/L	20.0	10	09/20/11 04:12	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*	*RL7*				09/20/11 04:12	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*	*RL7*				09/20/11 04:12	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*	*RL7*				09/20/11 04:12	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*	*RL7*				09/20/11 04:12	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*	*RL7*				09/20/11 04:12	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/20/11 18:52	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*	*RL7*				09/20/11 04:12	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/20/11 18:52	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*	*RL7*				09/20/11 04:12	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 18:52	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*	*RL7*				09/20/11 04:12	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 18:52	jdt	11I0846	SW 8260B
Sample ID: DUI0552-06 (FD+MS/DMS - Water - NonPotable)					**Sampled: 09/13/11 13:25**		**Recvd: 09/14/11 09:10**		
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/20/11 03:26	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	**2.26**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
1,1-Dichloroethane	**150**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
1,2-Dichloroethane	**1.12**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	**8.86**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Tetrachloroethene	**5.42**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	**11.5**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Trichloroethene	**15.6**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	**6.20**		ug/L	1.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Vinyl chloride	**5.50**		ug/L	1.00	1	09/20/11 16:52	jdt	11I0846	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 03:26	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 03:26	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:26	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 03:26	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 03:26	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 03:26	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 16:52	jdt	11I0846	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 03:26	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 16:52	jdt	11I0846	SW 8260B
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 03:26	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*101 %*					09/20/11 16:52	jdt	11I0846	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 03:26	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/20/11 16:52	jdt	11I0846	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
Michigan Service Center 10448 Citation Drive, Suite 200 Brighton, MI 48116

Heartland Environmental Associates	Work Order:	DUI0552		Received:	09/14/11
3410 Mishawaka Ave.	Project:	Accra Pac		Reported:	09/26/11 12:00
South Bend, IN 46615	Project Number:	1092 -- 11-01			
JC Sporleder					

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	RL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DUI0552-07 (Trip Blank - Water - NonPotable)					**Sampled: 09/13/11**			**Recvd: 09/14/11 09:10**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/20/11 02:16	jdt	11I0815	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
1,1-Dichloroethane	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Trichloroethene	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
1,1,2-Trichlorotrifluoroethane	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/20/11 02:16	jdt	11I0815	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 02:16	jdt	11I0815	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 02:16	jdt	11I0815	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 02:16	jdt	11I0815	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 02:16	jdt	11I0815	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/20/11 02:16	jdt	11I0815	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/20/11 02:16	jdt	11I0815	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/20/11 02:16	jdt	11I0815	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/20/11 02:16	jdt	11I0815	SW 8260B

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 – 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
Benzene	11I0815			ug/L	N/A	1.00	<1.00							
Bromodichloromethane (Dichlorobromomethane)	11I0815			ug/L	N/A	1.00	<1.00							
Bromoform	11I0815			ug/L	N/A	1.00	<1.00							
Bromomethane (Methyl bromide)	11I0815			ug/L	N/A	5.00	<5.00							
Carbon tetrachloride	11I0815			ug/L	N/A	1.00	<1.00							
Chlorobenzene	11I0815			ug/L	N/A	1.00	<1.00							
Chloroethane	11I0815			ug/L	N/A	5.00	<5.00							
2-Chloroethylvinyl ether	11I0815			ug/L	N/A	5.00	<5.00							
Chloroform	11I0815			ug/L	N/A	1.00	<1.00							
Chloromethane (Methyl chloride)	11I0815			ug/L	N/A	5.00	<5.00							
Dibromochloromethane (Chlorodibromomethane)	11I0815			ug/L	N/A	1.00	<1.00							
1,2-Dichlorobenzene	11I0815			ug/L	N/A	1.00	<1.00							
1,4-Dichlorobenzene	11I0815			ug/L	N/A	1.00	<1.00							
1,3-Dichlorobenzene	11I0815			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	11I0815			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	11I0815			ug/L	N/A	1.00	<1.00							
trans-1,2-Dichloroethene	11I0815			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	11I0815			ug/L	N/A	1.00	<1.00							
1,2-Dichloropropane	11I0815			ug/L	N/A	1.00	<1.00							
cis-1,3-Dichloropropene	11I0815			ug/L	N/A	1.00	<1.00							
trans-1,3-Dichloropropene	11I0815			ug/L	N/A	1.00	<1.00							
Ethylbenzene	11I0815			ug/L	N/A	1.00	<1.00							
n-Hexane	11I0815			ug/L	N/A	5.00	<5.00							
Methylene chloride	11I0815			ug/L	N/A	5.00	<5.00							
1,1,2,2-Tetrachloroethane	11I0815			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	11I0815			ug/L	N/A	1.00	<1.00							
Toluene	11I0815			ug/L	N/A	1.00	<1.00							
1,1,1-Trichloroethane	11I0815			ug/L	N/A	1.00	<1.00							
1,1,2-Trichloroethane	11I0815			ug/L	N/A	1.00	<1.00							
Trichloroethene	11I0815			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	11I0815			ug/L	N/A	1.00	<1.00							
Vinyl chloride	11I0815			ug/L	N/A	1.00	<1.00							
Benzene	11I0846			ug/L	N/A	1.00	<1.00							
Bromodichloromethane (Dichlorobromomethane)	11I0846			ug/L	N/A	1.00	<1.00							
Bromoform	11I0846			ug/L	N/A	1.00	<1.00							
Bromomethane (Methyl bromide)	11I0846			ug/L	N/A	5.00	<5.00							
Carbon tetrachloride	11I0846			ug/L	N/A	1.00	<1.00							
Chlorobenzene	11I0846			ug/L	N/A	1.00	<1.00							
Chloroethane	11I0846			ug/L	N/A	5.00	<5.00							
2-Chloroethylvinyl ether	11I0846			ug/L	N/A	5.00	<5.00							
Chloroform	11I0846			ug/L	N/A	1.00	<1.00							
Chloromethane (Methyl chloride)	11I0846			ug/L	N/A	5.00	<5.00							
Dibromochloromethane (Chlorodibromomethane)	11I0846			ug/L	N/A	1.00	<1.00							
1,2-Dichlorobenzene	11I0846			ug/L	N/A	1.00	<1.00							

TestAmerica
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Michigan Service Center 10448 Citation Drive, Suite 200 Brighton, MI 48116

Heartland Environmental Associates	Work Order:	DUI0552		Received:	09/14/11
3410 Mishawaka Ave.	Project:	Accra Pac		Reported:	09/26/11 12:00
South Bend, IN 46615	Project Number:	1092 – 11-01			
JC Sporleder					

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
1,4-Dichlorobenzene	11I0846			ug/L	N/A	1.00	<1.00							
1,3-Dichlorobenzene	11I0846			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	11I0846			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	11I0846			ug/L	N/A	1.00	<1.00							
trans-1,2-Dichloroethene	11I0846			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	11I0846			ug/L	N/A	1.00	<1.00							
1,2-Dichloropropane	11I0846			ug/L	N/A	1.00	<1.00							
cis-1,3-Dichloropropene	11I0846			ug/L	N/A	1.00	<1.00							
trans-1,3-Dichloropropene	11I0846			ug/L	N/A	1.00	<1.00							
Ethylbenzene	11I0846			ug/L	N/A	1.00	<1.00							
n-Hexane	11I0846			ug/L	N/A	5.00	<5.00							
Methylene chloride	11I0846			ug/L	N/A	5.00	<5.00							
1,1,2,2-Tetrachloroethane	11I0846			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	11I0846			ug/L	N/A	1.00	<1.00							
Toluene	11I0846			ug/L	N/A	1.00	<1.00							
1,1,1-Trichloroethane	11I0846			ug/L	N/A	1.00	<1.00							
1,1,2-Trichloroethane	11I0846			ug/L	N/A	1.00	<1.00							
Trichloroethene	11I0846			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	11I0846			ug/L	N/A	1.00	<1.00							
Vinyl chloride	11I0846			ug/L	N/A	1.00	<1.00							

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 – 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
Benzene	11I0815		20.0	ug/L	N/A	1.00	20.8		104		79-120			
Bromodichloromethane (Dichlorobromomethane)	11I0815		20.0	ug/L	N/A	1.00	20.1		100		76-121			
Bromoform	11I0815		20.0	ug/L	N/A	1.00	19.6		98		69-120			
Bromomethane (Methyl bromide)	11I0815		20.0	ug/L	N/A	5.00	22.9		114		64-120			
Carbon tetrachloride	11I0815		20.0	ug/L	N/A	1.00	21.1		105		70-129			
Chlorobenzene	11I0815		20.0	ug/L	N/A	1.00	20.4		102		78-120			
Chloroethane	11I0815		20.0	ug/L	N/A	5.00	22.0		110		67-120			
2-Chloroethylvinyl ether	11I0815		20.0	ug/L	N/A	5.00	19.9		100		10-212			
Chloroform	11I0815		20.0	ug/L	N/A	1.00	20.5		102		77-120			
Chloromethane (Methyl chloride)	11I0815		20.0	ug/L	N/A	5.00	23.4		117		58-120			
Dibromochloromethane (Chlorodibromomethane)	11I0815		20.0	ug/L	N/A	1.00	20.1		101		76-123			
1,2-Dichlorobenzene	11I0815		20.0	ug/L	N/A	1.00	20.6		103		78-123			
1,4-Dichlorobenzene	11I0815		20.0	ug/L	N/A	1.00	20.1		100		74-120			
1,3-Dichlorobenzene	11I0815		20.0	ug/L	N/A	1.00	20.5		103		76-121			
1,1-Dichloroethane	11I0815		20.0	ug/L	N/A	1.00	20.2		101		79-120			
1,2-Dichloroethane	11I0815		20.0	ug/L	N/A	1.00	19.2		96		75-120			
trans-1,2-Dichloroethene	11I0815		20.0	ug/L	N/A	1.00	21.3		107		79-120			
1,1-Dichloroethene	11I0815		20.0	ug/L	N/A	1.00	21.2		106		71-121			
1,2-Dichloropropane	11I0815		20.0	ug/L	N/A	1.00	20.9		105		80-120			
cis-1,3-Dichloropropene	11I0815		20.0	ug/L	N/A	1.00	20.5		102		80-120			
trans-1,3-Dichloropropene	11I0815		20.0	ug/L	N/A	1.00	20.0		100		74-120			
Ethylbenzene	11I0815		20.0	ug/L	N/A	1.00	20.9		105		79-120			
n-Hexane	11I0815		20.0	ug/L	N/A	5.00	15.9		80		57-180			
Methylene chloride	11I0815		20.0	ug/L	N/A	5.00	20.8		104		76-120			
1,1,2,2-Tetrachloroethane	11I0815		20.0	ug/L	N/A	1.00	20.5		103		74-120			
Tetrachloroethene	11I0815		20.0	ug/L	N/A	1.00	22.7		113		62-128			
Toluene	11I0815		20.0	ug/L	N/A	1.00	20.9		105		79-120			
1,1,1-Trichloroethane	11I0815		20.0	ug/L	N/A	1.00	21.7		108		74-121			
1,1,2-Trichloroethane	11I0815		20.0	ug/L	N/A	1.00	20.5		102		75-120			
Trichloroethene	11I0815		20.0	ug/L	N/A	1.00	21.0		105		77-120			
Trichlorofluoromethane	11I0815		20.0	ug/L	N/A	1.00	24.0		120		71-136			
Vinyl chloride	11I0815		20.0	ug/L	N/A	1.00	24.7		123		65-126			
Benzene	11I0846		20.0	ug/L	N/A	1.00	20.0		100		79-120			
Bromodichloromethane (Dichlorobromomethane)	11I0846		20.0	ug/L	N/A	1.00	20.0		100		76-121			
Bromoform	11I0846		20.0	ug/L	N/A	1.00	21.0		105		69-120			
Bromomethane (Methyl bromide)	11I0846		20.0	ug/L	N/A	5.00	21.4		107		64-120			
Carbon tetrachloride	11I0846		20.0	ug/L	N/A	1.00	20.2		101		70-129			
Chlorobenzene	11I0846		20.0	ug/L	N/A	1.00	20.0		100		78-120			
Chloroethane	11I0846		20.0	ug/L	N/A	5.00	20.5		103		67-120			
2-Chloroethylvinyl ether	11I0846		20.0	ug/L	N/A	5.00	20.1		100		10-212			
Chloroform	11I0846		20.0	ug/L	N/A	1.00	19.7		98		77-120			
Chloromethane (Methyl chloride)	11I0846		20.0	ug/L	N/A	5.00	20.4		102		58-120			
Dibromochloromethane (Chlorodibromomethane)	11I0846		20.0	ug/L	N/A	1.00	20.0		100		76-123			
1,2-Dichlorobenzene	11I0846		20.0	ug/L	N/A	1.00	21.2		106		78-123			

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 – 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
1,4-Dichlorobenzene	11I0846		20.0	ug/L	N/A	1.00	21.0		105		74-120			
1,3-Dichlorobenzene	11I0846		20.0	ug/L	N/A	1.00	21.2		106		76-121			
1,1-Dichloroethane	11I0846		20.0	ug/L	N/A	1.00	20.0		100		79-120			
1,2-Dichloroethane	11I0846		20.0	ug/L	N/A	1.00	19.8		99		75-120			
trans-1,2-Dichloroethene	11I0846		20.0	ug/L	N/A	1.00	20.2		101		79-120			
1,1-Dichloroethene	11I0846		20.0	ug/L	N/A	1.00	20.1		100		71-121			
1,2-Dichloropropane	11I0846		20.0	ug/L	N/A	1.00	20.3		101		80-120			
cis-1,3-Dichloropropene	11I0846		20.0	ug/L	N/A	1.00	20.2		101		80-120			
trans-1,3-Dichloropropene	11I0846		20.0	ug/L	N/A	1.00	20.4		102		74-120			
Ethylbenzene	11I0846		20.0	ug/L	N/A	1.00	20.1		100		79-120			
n-Hexane	11I0846		40.0	ug/L	N/A	5.00	42.5		106		57-180			
Methylene chloride	11I0846			ug/L	N/A	5.00	21.0				76-120			
1,1,2,2-Tetrachloroethane	11I0846		20.0	ug/L	N/A	1.00	21.0		105		74-120			
Tetrachloroethene	11I0846		20.0	ug/L	N/A	1.00	18.9		95		62-128			
Toluene	11I0846		20.0	ug/L	N/A	1.00	20.0		100		79-120			
1,1,1-Trichloroethane	11I0846		20.0	ug/L	N/A	1.00	20.2		101		74-121			
1,1,2-Trichloroethane	11I0846		20.0	ug/L	N/A	1.00	19.8		99		75-120			
Trichloroethene	11I0846		20.0	ug/L	N/A	1.00	19.6		98		77-120			
Trichlorofluoromethane	11I0846		20.0	ug/L	N/A	1.00	19.8		99		71-136			
Vinyl chloride	11I0846		20.0	ug/L	N/A	1.00	20.7		103		65-126			

Heartland Environmental Associates
3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DUI0552
Project: Accra Pac
Project Number: 1092 – 11-01

Received: 09/14/11
Reported: 09/26/11 12:00

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
QC Source Sample: DUI0552-06														
Benzene	11I0815	<1.00	20.0	ug/L	N/A	1.00	22.1	21.3	111	106	79-120	4	25	
Bromodichloromethane (Dichlorobromomethane)	11I0815	<1.00	20.0	ug/L	N/A	1.00	21.2	20.5	106	102	76-121	3	25	
Bromoform	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.3	20.1	101	101	69-120	1	25	
Bromomethane (Methyl bromide)	11I0815	<5.00	20.0	ug/L	N/A	5.00	21.5	21.4	107	107	64-120	0	25	
Carbon tetrachloride	11I0815	<1.00	20.0	ug/L	N/A	1.00	23.4	22.5	117	113	70-129	4	25	
Chlorobenzene	11I0815	<1.00	20.0	ug/L	N/A	1.00	21.4	20.7	107	103	78-120	3	25	
Chloroethane	11I0815	49.3	20.0	ug/L	N/A	5.00	71.0	70.4	108	106	67-120	1	25	
2-Chloroethylvinyl ether	11I0815	<5.00	20.0	ug/L	N/A	5.00	<5.00	<5.00			10-212		25	M
Chloroform	11I0815	<1.00	20.0	ug/L	N/A	1.00	21.5	20.7	108	104	77-120	4	25	
Chloromethane (Methyl chloride)	11I0815	<5.00	20.0	ug/L	N/A	5.00	23.1	22.3	116	112	58-120	4	25	
Dibromochloromethane (Chlorodibromomethane)	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.5	20.1	102	101	76-123	2	25	
1,2-Dichlorobenzene	11I0815	2.26	20.0	ug/L	N/A	1.00	23.6	23.3	107	105	78-123	1	25	
1,4-Dichlorobenzene	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.5	20.7	102	104	74-120	1	25	
1,3-Dichlorobenzene	11I0815	<1.00	20.0	ug/L	N/A	1.00	21.4	21.3	107	107	76-121	0	25	
1,1-Dichloroethane	11I0815	150	20.0	ug/L	N/A	1.00	171	171	103	101	79-120	0	25	
1,2-Dichloroethane	11I0815	1.12	20.0	ug/L	N/A	1.00	21.8	21.2	104	100	75-120	3	25	
trans-1,2-Dichloroethene	11I0815	2.40	20.0	ug/L	N/A	1.00	25.1	24.4	113	110	79-120	3	25	
1,1-Dichloroethene	11I0815	0.720	20.0	ug/L	N/A	1.00	24.0	23.9	117	116	71-121	1	25	
1,2-Dichloropropane	11I0815	<1.00	20.0	ug/L	N/A	1.00	22.0	21.2	110	106	80-120	4	25	
cis-1,3-Dichloropropene	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.8	20.4	104	102	80-120	2	25	
trans-1,3-Dichloropropene	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.5	20.3	102	102	74-120	1	25	
Ethylbenzene	11I0815	<1.00	20.0	ug/L	N/A	1.00	22.1	21.7	111	108	79-120	2	25	
n-Hexane	11I0815	<5.00	40.0	ug/L	N/A	5.00	43.2	39.6	108	99	57-180	9	25	
Methylene chloride	11I0815	<5.00		ug/L	N/A	5.00	20.2	19.6			76-120	3	25	
1,1,2,2-Tetrachloroethane	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.1	20.4	100	102	74-120	1	25	
Tetrachloroethene	11I0815	5.42	20.0	ug/L	N/A	1.00	26.6	25.2	106	99	62-128	6	25	
Toluene	11I0815	<1.00	20.0	ug/L	N/A	1.00	21.8	21.4	109	107	79-120	2	25	
1,1,1-Trichloroethane	11I0815	11.5	20.0	ug/L	N/A	1.00	35.6	34.7	121	116	74-121	3	25	
1,1,2-Trichloroethane	11I0815	<1.00	20.0	ug/L	N/A	1.00	20.8	20.8	104	104	75-120	0	25	
Trichloroethene	11I0815	15.6	20.0	ug/L	N/A	1.00	39.0	37.2	117	108	77-120	5	25	
Trichlorofluoromethane	11I0815	<1.00	20.0	ug/L	N/A	1.00	24.2	23.2	121	116	71-136	4	25	
Vinyl chloride	11I0815	5.87	20.0	ug/L	N/A	1.00	31.8	29.8	130	120	65-126	7	25	M
QC Source Sample: DUI0552-01RE1														
Benzene	11I0846	<10.0	200	ug/L	N/A	10.0	212	216	106	108	79-120	2	25	
Bromodichloromethane (Dichlorobromomethane)	11I0846	<10.0	200	ug/L	N/A	10.0	206	211	103	106	76-121	2	25	
Bromoform	11I0846	<10.0	200	ug/L	N/A	10.0	198	203	99	102	69-120	2	25	
Bromomethane (Methyl bromide)	11I0846	<50.0	200	ug/L	N/A	50.0	224	238	112	119	64-120	6	25	
Carbon tetrachloride	11I0846	<10.0	200	ug/L	N/A	10.0	226	231	113	116	70-129	2	25	
Chlorobenzene	11I0846	<10.0	200	ug/L	N/A	10.0	208	210	104	105	78-120	1	25	
Chloroethane	11I0846	6.00	200	ug/L	N/A	50.0	237	236	115	115	67-120	1	25	
2-Chloroethylvinyl ether	11I0846	<50.0	200	ug/L	N/A	50.0	9.10	6.20	5	3	10-212	38	25	M
Chloroform	11I0846	<10.0	200	ug/L	N/A	10.0	207	212	104	106	77-120	2	25	
Chloromethane (Methyl chloride)	11I0846	<50.0	200	ug/L	N/A	50.0	233	234	116	117	58-120	0	25	
Dibromochloromethane (Chlorodibromomethane)	11I0846	<10.0	200	ug/L	N/A	10.0	200	204	100	102	76-123	2	25	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
Michigan Service Center 10448 Citation Drive, Suite 200 Brighton, MI 48116

Heartland Environmental Associates	Work Order:	DUI0552		Received:	09/14/11
3410 Mishawaka Ave.	Project:	Accra Pac		Reported:	09/26/11 12:00
South Bend, IN 46615	Project Number:	1092 -- 11-01			
JC Sporleder					

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Volatile Organic Compounds by GC/MS														
QC Source Sample: DUI0552-01RE1														
1,2-Dichlorobenzene	11I0846	<10.0	200	ug/L	N/A	10.0	205	211	102	106	78-123	3	25	
1,4-Dichlorobenzene	11I0846	<10.0	200	ug/L	N/A	10.0	204	207	102	104	74-120	2	25	
1,3-Dichlorobenzene	11I0846	<10.0	200	ug/L	N/A	10.0	210	214	105	107	76-121	2	25	
1,1-Dichloroethane	11I0846	29.2	200	ug/L	N/A	10.0	246	250	108	111	79-120	2	25	
1,2-Dichloroethane	11I0846	<10.0	200	ug/L	N/A	10.0	201	204	101	102	75-120	2	25	
trans-1,2-Dichloroethene	11I0846	<10.0	200	ug/L	N/A	10.0	225	224	113	112	79-120	1	25	
1,1-Dichloroethene	11I0846	<10.0	200	ug/L	N/A	10.0	233	231	116	115	71-121	1	25	
1,2-Dichloropropane	11I0846	<10.0	200	ug/L	N/A	10.0	213	218	107	109	80-120	2	25	
cis-1,3-Dichloropropene	11I0846	<10.0	200	ug/L	N/A	10.0	209	211	105	106	80-120	1	25	
trans-1,3-Dichloropropene	11I0846	<10.0	200	ug/L	N/A	10.0	202	206	101	103	74-120	2	25	
Ethylbenzene	11I0846	<10.0	200	ug/L	N/A	10.0	216	218	108	109	79-120	1	25	
n-Hexane	11I0846	<50.0	400	ug/L	N/A	50.0	423	448	106	112	57-180	6	25	
Methylene chloride	11I0846	75.2		ug/L	N/A	50.0	286	283			76-120	1	25	
1,1,2,2-Tetrachloroethane	11I0846	<10.0	200	ug/L	N/A	10.0	197	208	98	104	74-120	6	25	
Tetrachloroethene	11I0846	<10.0	200	ug/L	N/A	10.0	198	200	99	100	62-128	1	25	
Toluene	11I0846	<10.0	200	ug/L	N/A	10.0	214	216	107	108	79-120	1	25	
1,1,1-Trichloroethane	11I0846	7.50	200	ug/L	N/A	10.0	234	233	113	113	74-121	0	25	
1,1,2-Trichloroethane	11I0846	<10.0	200	ug/L	N/A	10.0	201	204	100	102	75-120	2	25	
Trichloroethene	11I0846	<10.0	200	ug/L	N/A	10.0	219	218	110	109	77-120	1	25	
Trichlorofluoromethane	11I0846	<10.0	200	ug/L	N/A	10.0	231	232	116	116	71-136	0	25	
Vinyl chloride	11I0846	<10.0	200	ug/L	N/A	10.0	242	237	121	119	65-126	2	25	

Heartland Environmental Associates	Work Order:	DUI0552	Received:	09/14/11
3410 Mishawaka Ave.	Project:	Accra Pac	Reported:	09/26/11 12:00
South Bend, IN 46615	Project Number:	1092 – 11-01		
JC Sporleder				

CERTIFICATION SUMMARY

Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC).

DATA QUALIFIERS AND DEFINITIONS

M	The MS, MSD, and/or RPD are outside of acceptance limits due to matrix interference. Please see Blank Spike (LCS).
RL7	Sample required dilution due to high concentrations of target analyte.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted in the units.

ANALYSIS LOCATIONS

Any analyses listed below were analyzed in satellite facilities

APPENDIX B

CHAIN-OF-CUSTODY DOCUMENTS

DUI0552

CHAIN OF CUSTODY RECORD

Heartland PROJECT NO.	Heartland CLIENT / PROJECT:
1092 – 11-01	APG (Accra Pac) Groundwater Monitoring

SAMPLERS: (Print Name & Sign)
J.C. Sparleder / [signature]
Dave Nye / David Nye

ANALYSIS OR CONTAINER TYPE

LAB USE ONLY

Sample Identification	Date	Time	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Other	Total # of Containers	40 cc Vial, 1+1 HCL										Cooler #	Remarks	LAB NO.	Sample State	Cooler Temp Blank
MW-4	9-13-11	13:25 pm	x			x													1				
MW-7	9-13-11	13:20 pm	x			x													1				
MW-10B	9-13-11	14:55 pm	x			x													1				
MW-14	9-13-11	14:40 pm	x			x													1				
MW-15	9-13-11	15:50 pm	x			x													1				
FD+MS/DMS	9-13-11	13:25 pm	x			x													1				
TRIP BLANK	9-13-11	Prep. by Lab	x			x													1	Trip Blank Prepared by lab.			
– End of Sample List –			x			x																	
			x			x																	

Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
J.C. Sparleder / David Nye	9-13-11	17:00 pm					
Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
					9/14/11	09:10	[signature]

Sample State
C = COLD
N = NOT COLD
I = INTACT
B = BROKEN

MODE OF TRANSPORTATION / SHIPMENT	
Heartland Vehicle: Ford van	Public: Fed-EX

COMMENTS:

Analyses are for "Target 15 VOC", Method 8260. See letter to laboratory for complete analysis instructions.

APPENDIX C
FIELD SAMPLING FORMS

Sheet 1 of 1

Project: KIK-Accra Pac/Warner Baker Compliance Monitoring

Project No: 1092 - 11-01 Date: 9-13-11

Prepared By: J.C. Sporleder & Dave Nye

STATIC WATER LEVEL FIELD CHECK RECORD

Site Location:	KIK-Accra Pac / Warner Baker Site, 2626 Industrial Parkway, Elkhart, Indiana
Field Personnel:	J.C. Sporleder & Dave Nye
Equipment Used:	Electronic Water Mark

Station or Well ID	Date & Time of Check (9-13-11)	TOC (1) to SWL (2) (feet)	TOC Elev. (3) (feet)	SWL Elev. (feet)	Comments
MW-1	09:15 Am	11.34	755.75	744.41	
MW-3	11:26 Am	12.25	756.41	744.16	
MW-4	10:32 Am	11.96	756.115	~~744.155~~ → 744.16 JCS	
MW-5	09:24 Am	7.38	751.74	744.36	
MW-5B	09:25 Am	7.21	751.54	744.33	
MW-6	09:20 Am	6.56	750.94	744.38	
MW-7	11:03 Am	11.96	756.015	~~744.055~~ → 744.06 JCS	
MW-8	09:12 Am	7.65	752.02	744.37	
MW-9	10:38 Am	11.47	755.66	744.19	Bottom well = 16.75 feet. (roots on probe tip)
MW-10	11:12 Am	- Dry -	756.815	- Dry -	11.95 ft = Bottom (dry)
MW-10B	11:13 Am	9.81	753.835	~~744.025~~ → 744.03 JCS	
MW-11	11:31 Am	~~9.47~~ 9.20 (DJ)	753.53	744.33	(New lock on probe cover placed)
MW-12	09:43 Am	9.02	753.145	~~744.125~~ → 744.13 JCS	
MW-13	09:40 Am	6.73	750.915	~~744.185~~ → 744.19 JCS	
MW-14	11:41 Am	12.25	756.47	744.22	
MW-15	11:37 Am	~~11.54~~ 11.51 (DJ)	755.75	744.24	

Notes:

1) TOC = Top of Well Casing.
2) SWL = Static Water Level.
3) Elev. = Elevation in feet (N.G.V.D.).

The system was turned off @ 7:20 Am 9-12-11.

MONITORING WELL SAMPLING FORM

Well I.D.: MW-4
Sample I.D.: MW-4
Collector(s): David Pyle
Lab No.: DUI0552-01

Sample Date: 9 / 13 / 11 13 :25 am (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 11-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

PRE-PURGE

Well Material: (PVC / (Stainless) / Galvanized / ----)
Elevation top of Casing (TOC): 756.115 * Ft
SWL Depth from TOC: ~~11.95 11.84~~ Ft 11.95 ft
Well Depth from TOC: 26.72 Ft
Height of Water Column: ~~14.77 14.88~~ Ft 14.77 ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 2.4 Gallons 2.4 gal

Inside Diameter: 2 Inches
Grade Elevation: ≈ 754.015 Ft
SWL Elevation: ~~743.305~~ Ft 744.165' (JCS)
TOC to Grade: ≈ 2.1 Ft
Well Depth from Grade: 24.62 Ft

PURGE

Time & Date Purged: 13:05 am / pm 9 / 13 / 11
Calculated Volume to Purge: 7.2 Gallons 7.2 gal.
Actual Volume Purged: 7.5 Gallons
Purged: dry / 1 2 (3) 4 5 6 7 8 9 10 Well Volumes
Purged With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / Teflon / ----)
Rope Material: (Polypropylene / other: ---)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

SAMPLING

Time & Date Sampled: 13:25 am / pm 9 / 13 / 11
Weather Conditions: Sky: Partly Sunny Ground: Dry Wind: 5-10 mph
Temp: 76°F Humidity: High / (Moderate) / Low %: Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.95 Ft
Height of Water Column Prior to Sampling: Ft
Recovery to % of original water column depth.
Sampled With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / (Teflon) / ----)
Rope Material: (Polypropylene / other: ---)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

Water Appearance: (Clear / Slightly Turbid / Very Turbid) (Color: gray / brown / tan /)

Containers Collected	(Size & Type)	Preservatives
	40 cc | glass vials	1 + 1 HCL
	--- | ---	---
	--- | ---	---
	--- | ---	---
	--- | ---	---

OTHER

Were metals filtered prior to preservation?: YES / NO / (METALS NOT SAMPLED)
Filtration Method: (gravity / vacuum / pressure) Device Type: --na--
Filter: (cartridge / paper) Type: --na-- Size: --na-- Pore: --na--
Were samples iced after collection? (YES) / NO / ---

Field Tests: pH Meter Type: ---------- S.C. Meter Type: ----------

Test	Result	
Temp:	---	°C
pH:	---	pH
S.C.:	---	µmhos

Notes: * TOC elevation data per EIS Survey of 9-25-96.

MONITORING WELL SAMPLING FORM

(FD+ms/Dms @ 13:25pm on 9-13-11)

Sample Date: 9 / 13 / 11 13 : 20 am / pm
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 11-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

Well I.D.: MW-7
Sample I.D.: MW-7 / FD+ms/Dms
Collector(s): JC Sporleder
Lab No.: DUI0552-02 / DUI0552-06
mw-7 ↗ ↖ FD+ms/Dms

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 756.015* Ft
SWL Depth from TOC: 11.95 Ft
Well Depth from TOC: 42.15 Ft
Height of Water Column: 30.20 Ft 30.20'
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 4.93 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈753.97 Ft
SWL Elevation: 744.02 Ft
TOC to Grade: ≈ (2.05) Ft
Well Depth from Grade: ≈40.1 Ft

PURGE

Time & Date Purged: 12 50 am / pm 9 / 13 / 11
Calculated Volume to Purge: 14.8 Gallons
Actual Volume Purged: 15 Gallons
Purged: dry / 1 2 3 4 5 6 7 8 9 10 Well Volumes
Purged With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
Bailer (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: ----)
Equipment Dedicated? YES / NO Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

SAMPLING

Time & Date Sampled: 13 :20 am / pm 9 / 13 / 11
Weather Conditions: Sky: Partly Cloudy Ground: Dry. Wind: 5-10mph NW
Temp: ≈77°F Humidity: High / Moderate / Low %: — Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.95 Ft
Height of Water Column Prior to Sampling: 30.20 Ft
Recovery to 100 % of original water column depth.
Sampled With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
Bailer (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: ----)
Equipment Dedicated? YES / NO Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

Water Appearance: (Clear / Slightly Turbid / Very Turbid) (Color: gray / brown / tan / Clear)

Containers Collected	(Size & Type)	Preservatives
	40 cc | glass vials	1 + 1 HCL
	--- | ---	---
	--- | ---	---
	--- | ---	---
	--- | ---	---

OTHER

Were metals filtered prior to preservation?: YES / NO / METALS NOT SAMPLED
Filtration Method: (gravity / vacuum / pressure) Device Type: --na--
Filter: (cartridge / paper) Type: --na-- Size: --na-- Pore: --na--
Were samples iced after collection? YES / NO / ----

Field Tests: pH Meter Type: ---------- S.C. Meter Type: ----------

Test	Result	
Temp:	---	°C
pH:	---	pH
S.C.:	---	µmhos

Notes: * TOC elevation data per EIS Survey of 9-25-96.
Field Duplicate (FD+ms/Dms) was collected from well MW-7 at 13:25pm on 9-13-11.

MONITORING WELL SAMPLING FORM

Sample Date: 9 / 13 / 11 14 :55 am / (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 11-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

Well I.D.: **MW-10B**
Sample I.D.: **MW-10B**
Collector(s): JC Sporleder
Lab No.: DUI0552-03

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 753.835* Ft
SWL Depth from TOC: 9.81 Ft
Well Depth from TOC: 54.20 Ft
Height of Water Column: 44.39 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 7.25 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈754.14 Ft
SWL Elevation: 744.03 Ft
TOC to Grade: ≈ – (0.3) Ft
Well Depth from Grade: ≈54.5 Ft

PURGE

Time & Date Purged: 14 :15 am / (pm) 9 / 13 / 11
Calculated Volume to Purge: 21.7 Gallons
Actual Volume Purged: 22 Gallons
Purged: dry / 1 2 (3) 4 5 6 7 8 9 10 Well Volumes
Purged With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: -----)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

SAMPLING

Time & Date Sampled: 14 :55 am / (pm) 9 / 13 / 11
Weather Conditions: Sky: Partly Sunny Ground: Dry. Wind: 5-10 mph NW
Temp: ≈78°F Humidity: High / (Moderate) / Low %: — Precipitation: None

SWL (Depth From TOC) Prior to Sampling: 9.81 Ft
Height of Water Column Prior to Sampling: 44.39 Ft
Recovery to 100 % of original water column depth.

Sampled With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / (Teflon) / -----)
Rope Material: (Polypropylene / other: -----)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

Water Appearance: ((Clear) / Slightly Turbid / Very Turbid) (Color: gray / brown / tan / (Clear))

Containers Collected	(Size & Type)	Preservatives
	40 cc glass vials	1 + 1 HCL
	--- ---	---
	--- ---	---
	--- ---	---
	--- ---	---

OTHER

Were metals filtered prior to preservation?: YES / NO / (METALS NOT SAMPLED)
Filtration Method: (gravity / vacuum / pressure) Device Type: --na--
Filter: (cartridge / paper) Type: --na-- Size: --na-- Pore: --na--
Were samples iced after collection? (YES) / NO / ----

Field Tests: pH Meter Type: ---------- S.C. Meter Type: ----------

Test	Result
Temp:	--- °C
pH:	--- pH
S.C.:	--- µmhos

Notes: * TOC elevation data per EIS Survey of 9-25-96.

MONITORING WELL SAMPLING FORM

Well I.D.: MW-14
Sample I.D.: MW-14
Collector(s): David Nye
Lab No.: DUI0552-04

Sample Date: 9 / 13 / 11 14:40 am / pm
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 11-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 756.47* Ft
SWL Depth from TOC: 12.21 Ft
Well Depth from TOC: 49.19 Ft
Height of Water Column: 36.98 Ft 36.98 JCS
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 6.0 JCS ~~6.0~~ Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈ 754.07 Ft
SWL Elevation: 744.26 Ft
TOC to Grade: ≈ 2.4 Ft
Well Depth from Grade: ≈ 46.79 Ft

PURGE

Time & Date Purged: 14:00 am / pm 9 / 13 / 11
Calculated Volume to Purge: 18.0 Gallons
Actual Volume Purged: 19 Gallons
Purged: dry / 1 2 (3) 4 5 6 7 8 9 10 Well Volumes
Purged With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: -----)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

SAMPLING

Time & Date Sampled: 14:40 am / pm 9 / 13 / 11
Weather Conditions: Sky: Partly Cloudy Ground: Dry Wind: 5-10 mph
Temp: 78°F Humidity: High / Moderate / Low %: — Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 12.24 Ft
Height of Water Column Prior to Sampling: 36.95 Ft
Recovery to 99.9 % of original water column depth.
Sampled With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: -----)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

Water Appearance: (Clear / Slightly Turbid / Very Turbid) (Color: gray / brown / tan / Clear)

Containers Collected	(Size & Type)	Preservatives
	40 cc | glass vials	1 + 1 HCL
	--- | ---	---
	--- | ---	---
	--- | ---	---
	--- | ---	---

OTHER

Were metals filtered prior to preservation?: YES / NO / (METALS NOT SAMPLED)
Filtration Method: (gravity / vacuum / pressure) Device Type: --na--
Filter: (cartridge / paper) Type: --na-- Size: --na-- Pore: --na--
Were samples iced after collection? (YES) / NO / ----

Field Tests: pH Meter Type: ---------- S.C. Meter Type: ----------

Test	Result	
Temp:	---	°C
pH:	---	pH
S.C.:	---	µmhos

Notes: * TOC elevation data per EIS Survey of 9-25-96.

MONITORING WELL SAMPLING FORM

Well I.D.: MW-15
Sample I.D.: MW-15
Collector(s): Dave Nye
Lab No.: DUI0552-05

Sample Date: 9/13/11 15:50 am (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 11-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 755.75* Ft
SWL Depth from TOC: 11.50 Ft
Well Depth from TOC: 47.58 Ft
Height of Water Column: 36.08 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 5.9 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈753.35 Ft
SWL Elevation: 744.25 Ft
TOC to Grade: 2.4 Ft
Well Depth from Grade: ≈45.18 Ft

PURGE

Time & Date Purged: 15:15 am / (pm) 9/13/11
Calculated Volume to Purge: 17.7 Gallons
Actual Volume Purged: 18 Gallons
Purged: dry / 1 2 (3) 4 5 6 7 8 9 10 Well Volumes
Purged With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / Teflon / -----)
Rope Material: (Polypropylene / other: ---)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

SAMPLING

Time & Date Sampled: 15:50 am / (pm) 9/13/11
Weather Conditions: Sky: partly cloudy Ground: Dry Wind: 5-10 mph
Temp: 72 °F Humidity: High / (Moderate) / Low %: Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.54 Ft
Height of Water Column Prior to Sampling: 36.04 Ft
Recovery to ≈ 99.9 % of original water column depth.
Sampled With: Pump – Type: --na-- Tubing Size: --na--
Make: --na-- Tubing Type: --na--
(Bailer) (PVC / SS / (Teflon) / -----)
Rope Material: (Polypropylene / other: ---)
Equipment Dedicated? YES / (NO) Decontaminated With: Non-phosphate detergent wash & de-ionized water rinses.

Water Appearance: ((Clear) / Slightly Turbid / Very Turbid) (Color: gray / brown / tan / (Clear))

Containers Collected	(Size & Type)	Preservatives
	40 cc glass vials	1 + 1 HCL
	--- ---	---
	--- ---	---
	--- ---	---
	--- ---	---

OTHER

Were metals filtered prior to preservation?: YES / NO / (METALS NOT SAMPLED)
Filtration Method: (gravity / vacuum / pressure) Device Type: --na--
Filter: (cartridge / paper) Type: --na-- Size: --na-- Pore: --na--
Were samples iced after collection? (YES) / NO / ----

Field Tests: pH Meter Type: ---------- S.C. Meter Type: ----------

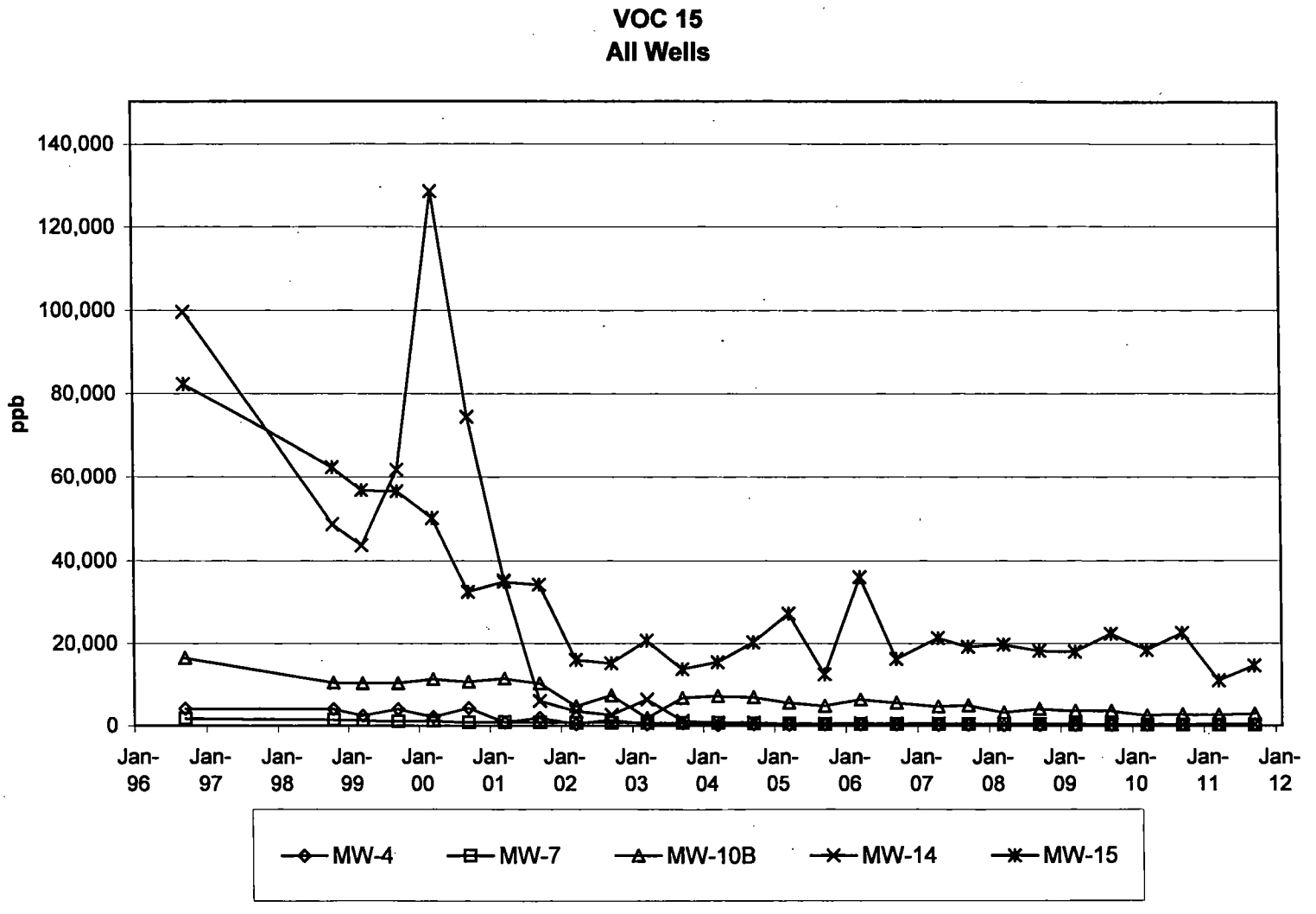
Test	Result	
Temp:	---	°C
pH:	---	pH
S.C.:	---	µmhos

Notes: * TOC elevation data per EIS Survey of 9-25-96.

APPENDIX D
TREND GRAPHS

Note: For the following VOC result graphs, the data from a field duplicate sample are used if the computed VOC15 value from the field duplicate sample results is higher than the computed VOC15 value from the regular sample results for a given well. See report text for additional information regarding the calculation of the VOC15 value.

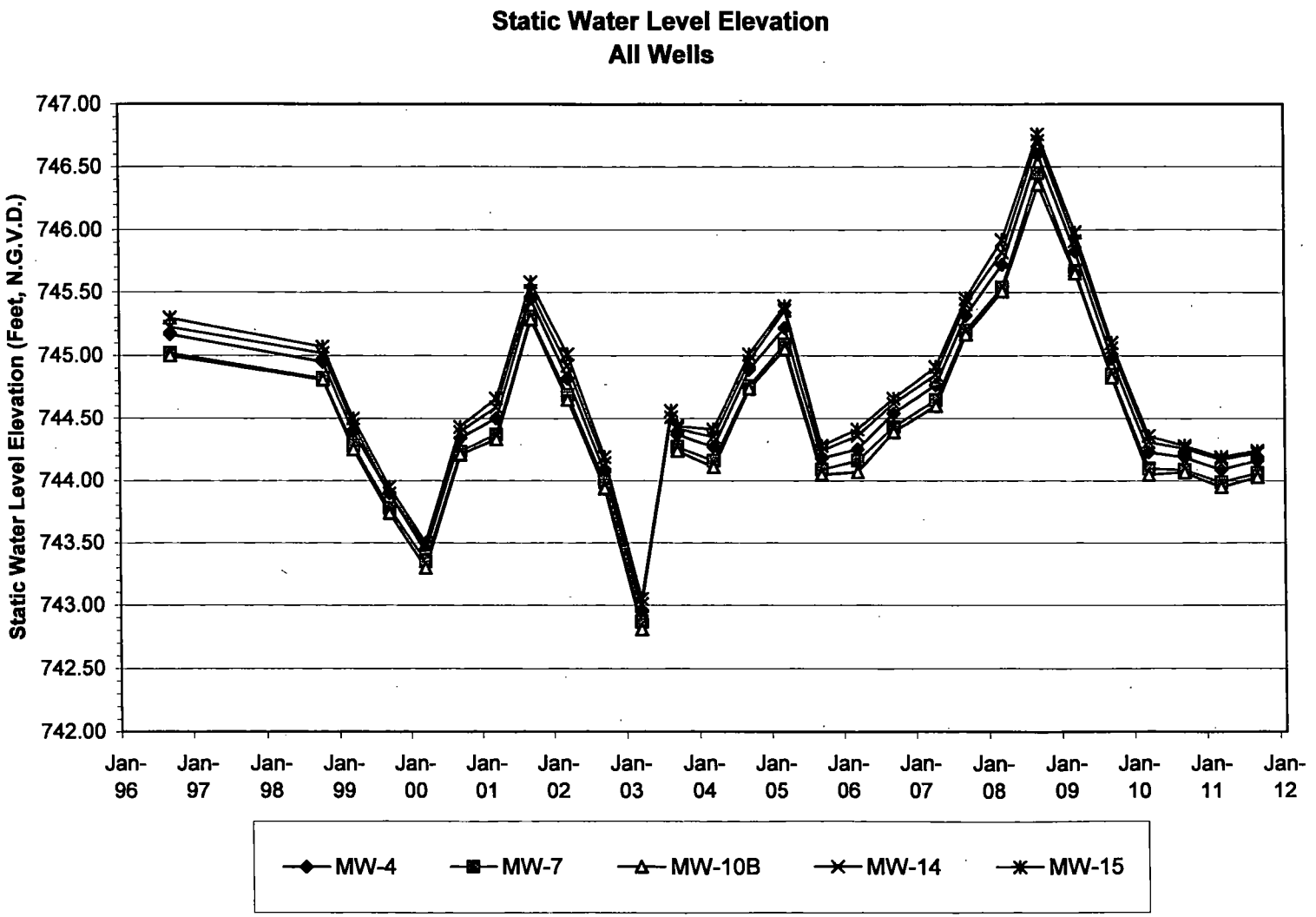
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/4/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart VOC 15 (All Wells)
Prepared by Heartland Environmental Associates, Inc.

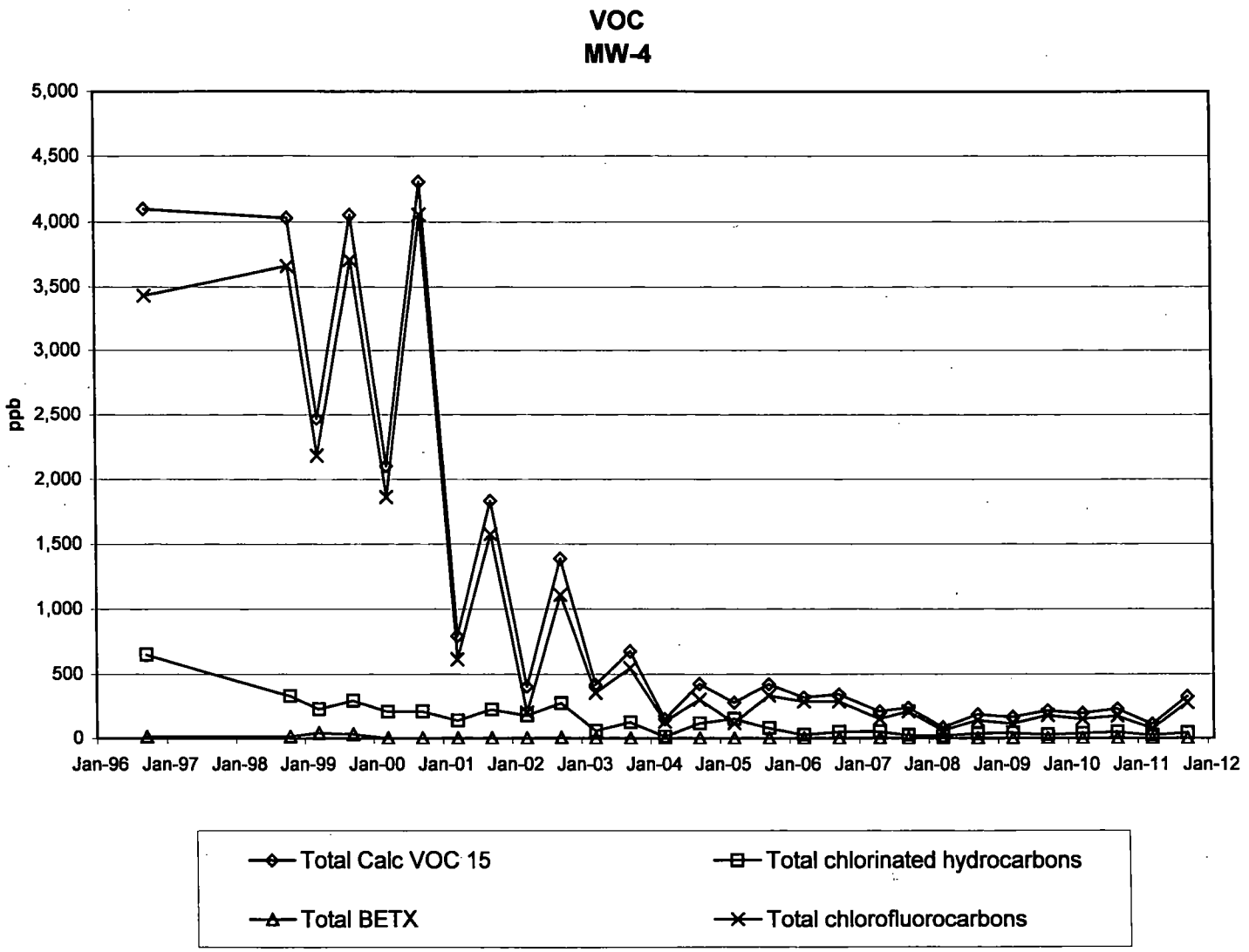
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



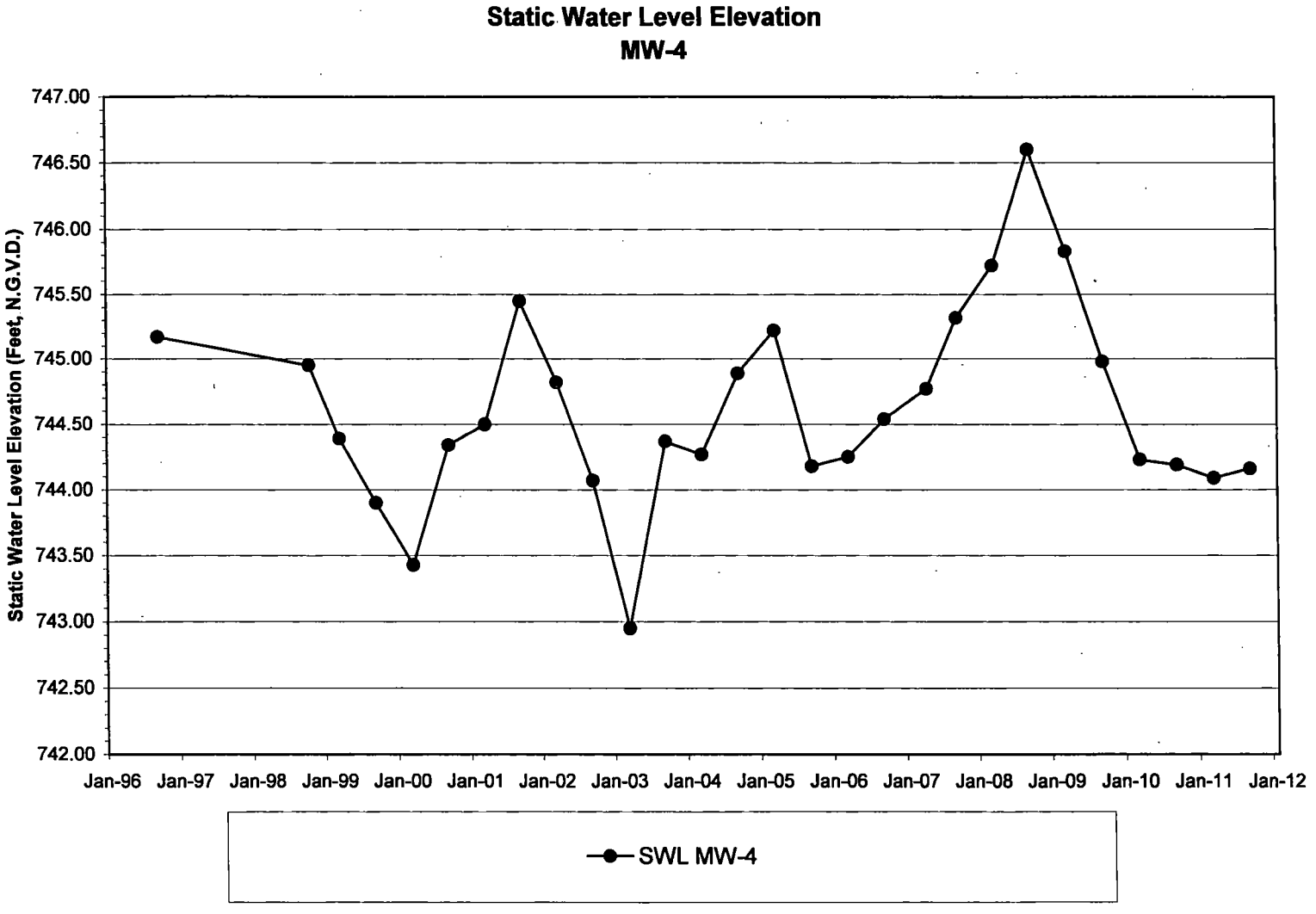
10/4/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart SWL (All Wells)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

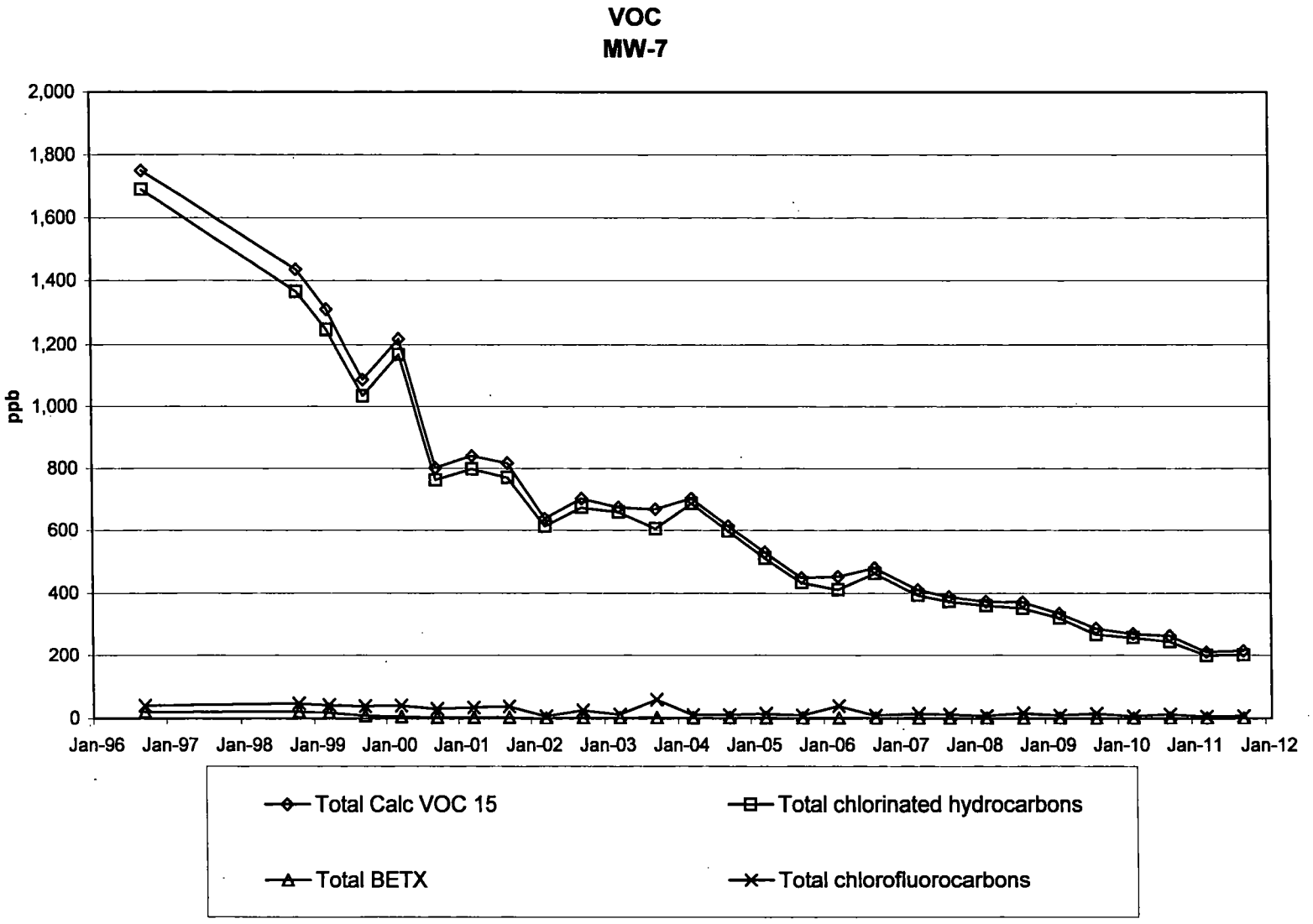


Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

MW-4	9/30/1998	10/1/1998	3/30/1999	9/30/1999	3/29/2000	9/25/2000	3/22/2001	9/19/2001	3/20/2002	9/24/2002	3/18/2003	9/25/2003	3/18/2004	9/21/2004	3/24/2005	9/1/2005	3/15/2006	9/14/2006	4/2/2007	9/17/2007	3/20/2008	9/16/2008	3/17/2009	9/15/2009	3/18/2010	9/14/2010	3/15/2011	9/13/2011
1,2-Dichlorobenzene	<1	<10	<10	<10	<10	<10	<10	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	580	220	120	190	170	160	110	170	160	211	48.9	86.8	6.6	102	145	57.7	19.6	36	48.7	18.1	14.4	30.2	37.6	20.9	32.8	42.3	21.0	31.4
1,2-Dichloroethane	<1	9.8	7	5.8	5.9	<5	<5	<5	<5	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	<1	<10	<10	<10	<10	<10	<10	<10	<5	9.5	<1	7.0	<1	<1	<1	1.8	<1	1.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
c-1,2-Dichloroethene	8.6	7.4	22	6	<5	<5	18	16	<5	5.7	<1	1.7	<1	2.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dichlorofluoromethane	43	90	74	86	63	47	36	75	<5	48.3	<1	26.2	<5	<5	<5	<5	5	<5	3.49	1.31	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	<1	<5	9.4	6.5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	7.6	15	8.2	11	7.4	<5	<5	5.5	<5	5.1	2.3	4.3	1.5	3.0	1.4	4.0	1.5	2.05	1.48	1.74	<1	1.44	1.16	1.74	1.55	1.83	<1	2.21
Toluene	<1	<5	<5	<5	<5	<5	<5	<5	<5	1.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	36	68	48	74	20	29	9.7	28	9.2	36.9	7.8	23.2	3.8	9.4	5.8	15.9	4.8	9.81	4.41	5.12	1.89	5.55	3.90	4.89	3.92	5.08	2.57	8.80
Trichloroethene	8.4	13	12	7.1	5	<5	<5	5	<5	2.8	<1	1.1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	<1	<10	<10	<10	<10	<10	<10	<10	<5	11.9	1.2	7.9	<1	1.8	<1	3.3	<1	2.19	<1	<1	<1	1.14	<1	<1	1.14	1.01	<1	<1
1,1,2-Trichlorotrifluoroethane	3390	3570	2110	3820	1800	4010	580	1500	200	1050	354	514	130	300	119	332	283	284	147	208	59.4	140	115	180	150	171	77.8	279
Vinyl chloride	14	<10	12	<10	<10	<10	<10	<10	7.1	2.2	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Xylenes	13	14	32	28	<10	<10	<10	<10	<5	1.9	<1	<1	<1	<1	<2	<2	<2	<3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	4099.1	4030.2	2470.1	4054.8	2103.8	4308	791.2	1832	403.8	1389.2	419.2	675.7	149.8	424.6	278	422.3	319.4	342.78	208.56	237.77	84.19	185.83	165.66	215.53	197.01	228.5	109.87	329.21
Total chlorinated hydrocarbons	650.6	331.2	227.1	293.9	208.3	209	137.7	225	176.3	274.3	59	125.1	12.1	116.5	152	80	25.9	49.09	52.57	22.96	16.29	37.19	42.66	27.53	38.37	48.99	23.57	42.21
Total BETX	13	14	41.4	32.5	0	0	0	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total chlorofluorocarbons	3433	3990	2184	3708	1863	4057	818	1575	200	1110.2	355	548.1	130	301.8	119	335.3	288	286.2	150.5	209.3	59.4	141.1	115	180	151.10	172.00	77.80	279.00
Static Water Level Elevation (Ft)	745.17	744.95	744.39	743.90	743.43	744.34	744.50	745.45	744.82	744.07	742.95	744.37	744.27	744.89	745.22	744.18	744.25	744.54	744.77	745.32	745.72	748.60	745.83	744.98	744.23	744.19	744.09	744.16

NOTE:
For graphing purposes, non-detect values are calculated as follows:
Total Calc. VOC 15: Non-detect values=1/2 detection limit.
Total chlorinated hydrocarbons: Non-detect values=zero.
Total BETX: Non-detect values=zero.
Total chlorofluorcarbons: Non-detect values=zero.

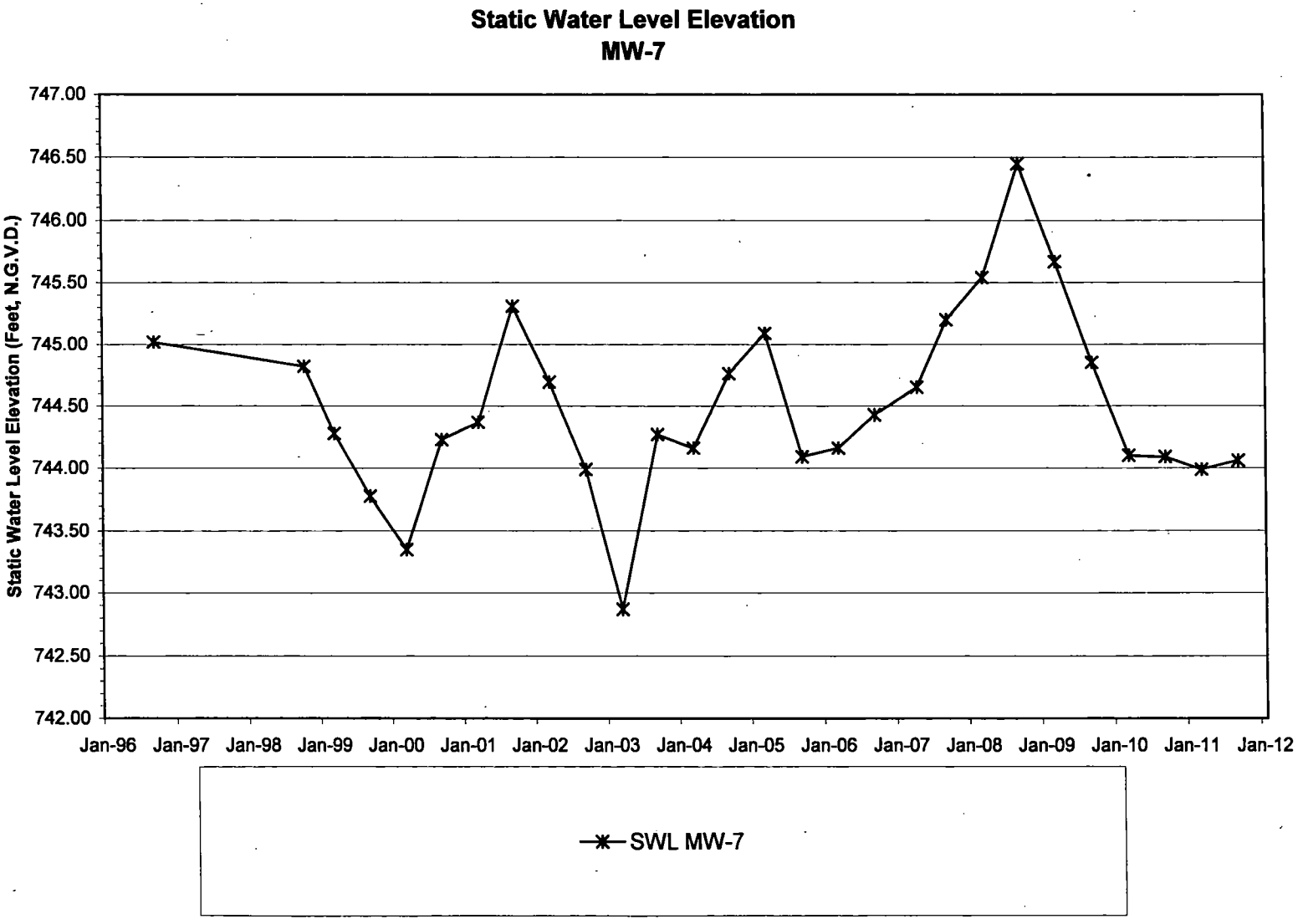
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



9/30/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-7 (VOC)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



9/30/2011

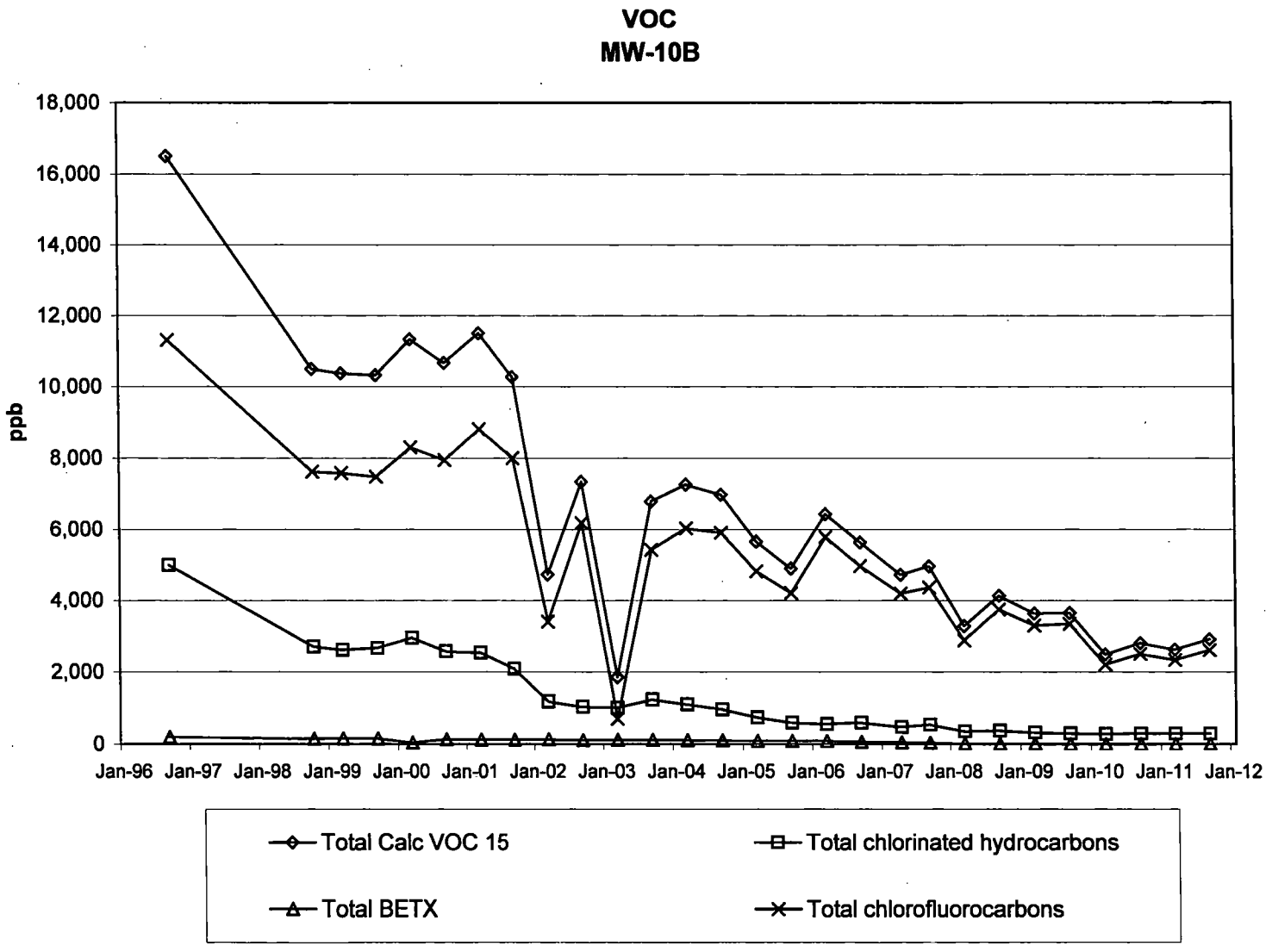
1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-7 (SWL)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

MW-7	9/30/1998	10/1/1998	3/30/1999	9/30/1999	3/29/2000	9/25/2000	3/22/2001	9/19/2001	3/20/2002	9/24/2002	3/18/2003	9/25/2003	3/18/2004	9/21/2004	3/24/2005	9/1/2005	3/15/2006	9/14/2006	4/2/2007	9/17/2007	3/20/2008	9/16/2008	3/17/2009	9/15/2009	3/16/2010	9/14/2010	3/15/2011	9/13/2011
1,2-Dichlorobenzene	25	17	17	14	6.6	10	8.9	9.5	8.1	9.3	9.5	8.6	7.3	6.3	5.7	3.4	5.9	5.65	4.14	3.61	3.32	2.71	3.54	2.22	3.90	2.90	4.00	2.11
1,1-Dichloroethene	1020	1030	940	810	910	550	570	540	430	491	512	452	535	460	398	320	303	370	293	272	273	270	244	205	197	191	145	146
1,2-Dichloroethane	5.6	11	11	7.6	7.3	3.1	3.6	3.2	5.1	5.6	4	3.7	2.3	2.2	2.6	2.3	1.8	<1	1.75	1.36	2.03	2.77	2.36	2.17	1.32	1.43	<1	1.09
1,1-Dichloroethane	24	9.2	9.1	6.9	6.7	6.6	10	5.2	<5	3.3	2.9	3.6	2.6	3.0	2.6	2.1	2.5	2.08	2.35	2.29	1.94	1.68	1.18	<1	<1	<1	<1	<1
c-1,2-Dichloroethene	110	37	34	30	45	35	51	38	35	24.6	20.2	22.4	23.1	24.2	24.4	18.8	20.8	21.1	23.9	27.5	22.1	17.9	12.8	10.7	8.28	7.91	9.05	9.20
Dichlorofluoromethane	<1	28	26	21	23	15	20	15	<5	9.9	<1	43	<5	<5	5.2	<5	7	<5	4.62	3.41	<5	7.19	<5	5.00	<5	<5	<5	<5
Ethylbenzene	8	11	9.7	7.2	3.7	3.5	3.1	3.3	<5	2.4	1.7	2.3	1.6	1.7	1.8	1.2	1.5	1.23	1.25	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	6.3	6.7	5.9	5.1	5.3	3.3	4.1	4.7	<5	4.8	4.4	5.7	4.9	4.9	4.8	4.0	5.3	4.46	5.31	5.16	5.58	5.53	6.64	5.19	8.34	6.15	4.91	5.53
Toluene	2.8	4	3.3	2.2	2	<2	<2	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	440	200	180	130	160	130	120	140	110	103	77	78	71.7	64.0	54.9	47.8	41.5	38.4	37.4	33.2	26.5	26.3	23.7	18.9	15.9	14.2	12.4	13.4
Trichloroethene	8.3	11	13	10	9.1	11	13	17	13	16.4	15.6	19.5	19.8	22.4	18	16.4	18.2	18.6	17.7	20.2	16.2	16.8	18.8	16.3	16.4	15.5	18.2	17.3
Trichlorofluoromethane	<1	<4	<4	<4	<4	<4	<4	<4	<5	2.2	1.2	1.5	1.2	1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichlorotrifluoroethane	40	19	16	16	17	15	14	23	6.7	13.8	11.3	15	9.9	10.2	10.0	10.1	32.2	9.84	10.6	9.31	7.71	9.98	9.33	10.4	7.24	12.9	5.78	7.69
Vinyl chloride	50	44	37	20	16	14	16	13	12	15.4	13.4	12.0	20.4	10.3	<1	10.6	11.9	5.24	7.39	7.08	7.10	7.09	6.04	5.68	6.05	5.80	5.24	6.62
Xylenes	9.6	6.4	5.9	<4	<4	<4	<4	<4	<5	<1	<1	<1	<1	<1	<2	<2	<2	<3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	1750.6	1436.3	1309.9	1086	1217.7	801.7	840.7	817	637.4	702.7	674.7	688.3	703.3	613.7	530.7	450.2	453.6	480.3	411.41	387.62	372.46	370.45	333.59	288.54	269.93	263.29	210.58	214.44
Total chlorinated hydrocarbons	1889.2	1385.9	1247	1033.6	1168	763.2	798.8	771	613.2	657	659	605	687.1	597.3	511.2	434.4	410.9	463.7	392.9	372.4	359.8	350.8	319.3	268.1	257.19	244.89	198.80	201.25
Total BETX	20.4	21.4	18.9	9.4	5.7	3.5	3.1	3	0	2.4	1.7	2.3	1.6	1.7	1.8	1.2	1.5	1.2	1.3	0	0	0	0	0	0	0	0	0
Total chlorofluorocarbons	40	47	42	39	40	30	34	38	6.7	25.9	12.5	59.5	11.1	11.2	527	10.1	39.2	9.8	15.2	12.7	7.7	17.2	9.3	15.4	7.24	12.90	5.78	7.69
Static Water Level Elevation (Ft)	745.02	744.83	744.28	743.78	743.35	744.23	744.37	745.31	744.69	743.99	742.87	744.27	744.16	744.76	745.09	744.09	744.16	744.43	744.65	745.20	745.54	746.45	745.67	744.85	744.10	744.09	743.99	744.06

NOTE:
For graphing purposes, non-dedect values are calculated as follows:
Total Calc. VOC 15: Non-detect values=1/2 detection limit.
Total chlorinated hydrocarbons: Non-detect values=zero.
Total BETX: Non-detect values=zero.
Total chlorofluorcarbons: Non-detect values=zero.
Field Duplicate values are listed if Field Duplicate Total Calc. VOC 15 is higher.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

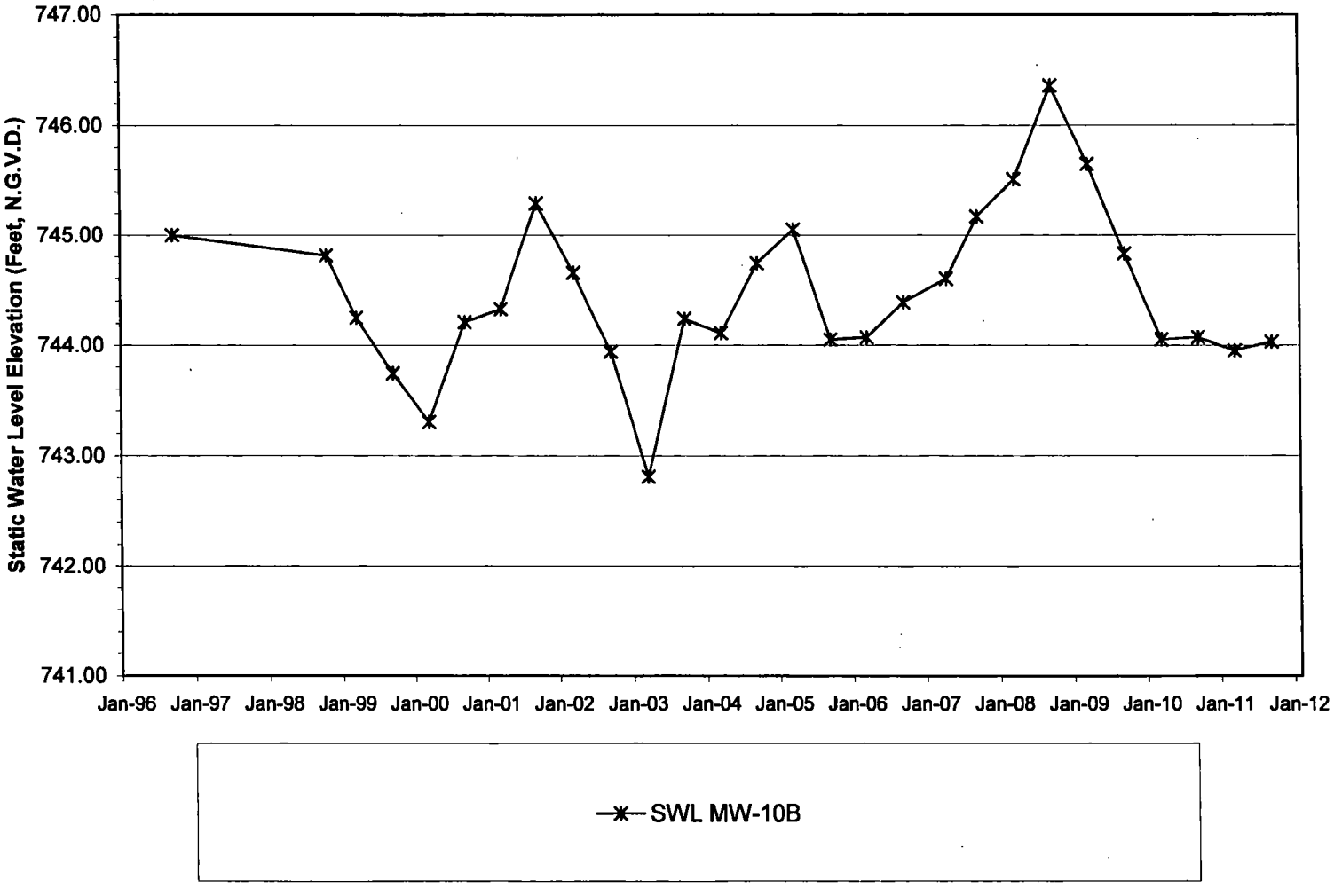


9/30/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-10B (VOC)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

Static Water Level Elevation
MW-10B



9/30/2011

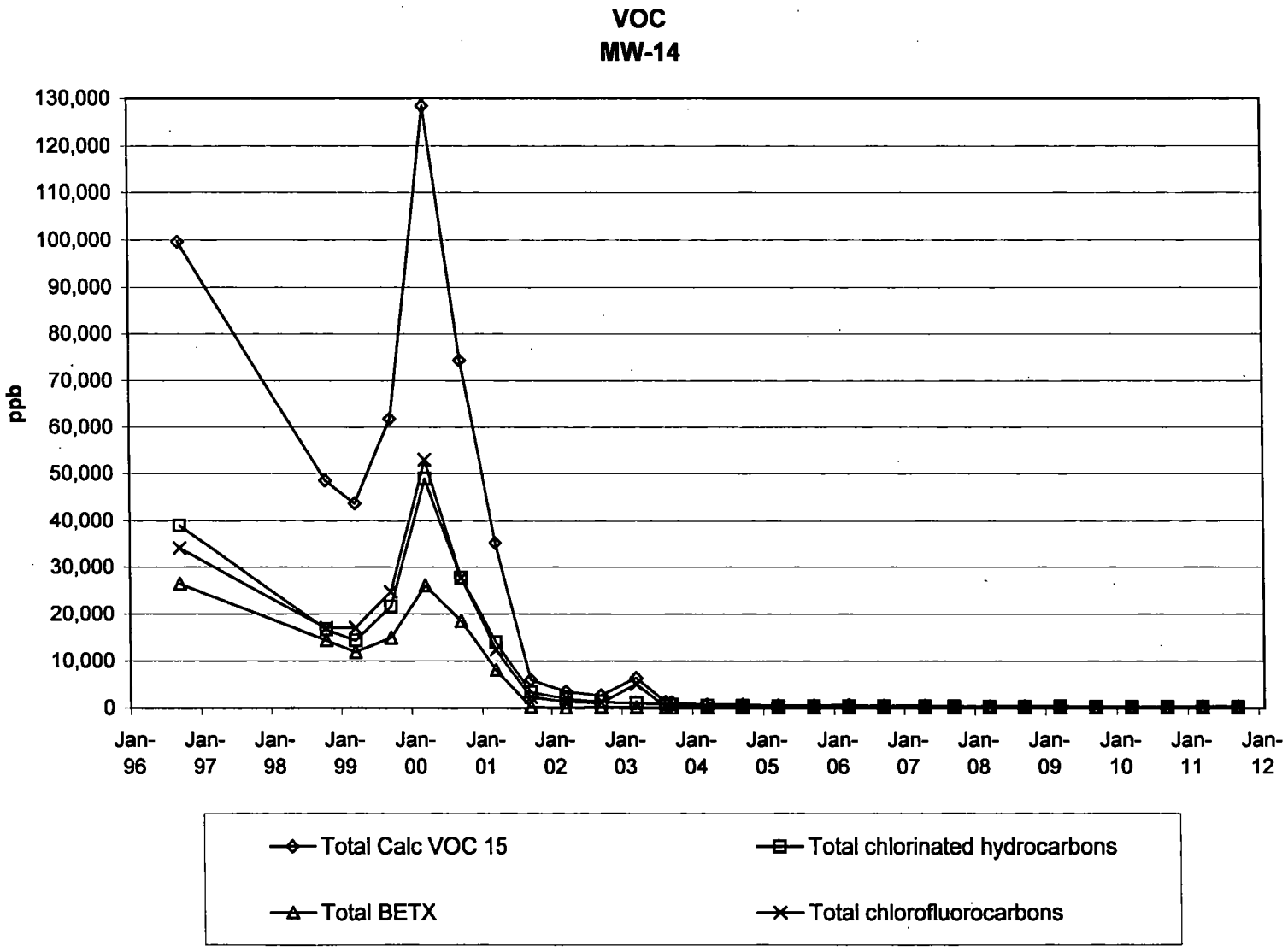
1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-10B (SWL)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

MW-10B	9/30/1998	10/1/1998	3/30/1999	9/30/1999	3/29/2000	9/25/2000	3/22/2001	9/19/2001	3/20/2002	9/24/2002	3/18/2003	9/25/2003	3/18/2004	9/21/2004	3/24/2005	9/1/2005	3/15/2006	9/14/2006	4/2/2007	9/17/2007	3/20/2008	9/18/2008	3/17/2009	9/15/2009	3/16/2010	9/14/2010	3/15/2011	9/13/2011
1,2-Dichlorobenzene	<1	<20	<20	<20	<20	<20	<20	<20	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	2460	1470	1430	1540	1740	1550	1570	1100	590	511	538	710	863	585	393	298	275	335	298	302	174	199	153	134	133	152	148	136
1,2-Dichloroethane	15	10	12	10	11	10	11	<10	8.3	<5	4.5	5.6	3.7	3.2	<1	1.8	1.4	<1	1.53	1.07	<5	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	84	39	43	42	45	38	46	28	14	40.2	21.7	37.7	21.6	<1	19.8	20.5	<1	22.2	<1	9.67	<5	2.32	<1	5.54	<1	<1	5.07	<1
c-1,2-Dichloroethene	44	39	32	31	30	24	29	28	15	13.4	13.7	14.4	13.3	13.3	9.8	6.2	7.1	6.05	5.79	6.33	<5	2.97	3.02	2.49	2.58	2.21	2.85	2.67
Dichlorofluoromethane	<1	180	590	470	800	800	820	<50	67	174	17	249	<5	78.9	65.7	<5	81.4	<5	85.0	21.0	<25	17.4	22.0	17.0	18.9	17.9	22.8	27.3
Ethylbenzene	39	29	33	31	31	22	27	34	25	23.6	22	24.4	21.8	20.8	18.9	17.1	18.2	16.8	14.5	12.9	7.00	6.05	4.14	3.23	<1	<1	<1	<1
Tetrachloroethene	440	280	290	350	370	320	320	390	250	223	219	248	201	218	203	183	166	167	152	184	145	137	140	135	132	122	123	136
Toluene	<1	<10	<10	10	11	10	<10	<10	5	<5	4	3.8	3.3	2.8	2.6	2.0	2.1	1.35	1.02	<1	<5	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	1940	870	810	700	780	640	560	547	310	255	220	221	162	145	112	87.7	82.3	61.5	45.7	44.0	34.2	33.3	26.5	20.8	18.7	15.5	14.4	14.4
Trichloroethene	<1	<10	<10	<10	<10	<10	<10	<10	<5	<5	5	5.8	4.9	4.9	5.2	4.1	4.9	4.63	4.43	4.56	<5	3.31	3.48	3.58	2.77	2.47	1.38	2.84
Trichlorofluoromethane	810	170	200	180	190	130	120	<20	39	33.6	21.6	28.6	21.6	22.2	<1	11.1	14.2	10.1	8.25	8.61	5.70	6.21	5.39	4.78	4.31	4.02	2.89	<1
1,1,2-Trichlorotrifluoroethane	10500	7270	6830	6830	7310	7010	8070	8000	3300	5970	677	5150	6010	5810	4760	4200	5090	4960	4100	4340	2680	3720	3270	3320	2180	2490	2310	2590
Vinyl chloride	18	<20	<20	<20	<20	<20	<20	<20	4.1	<5	3.6	3.4	47.6	2.4	5.6	2.5	8.7	4.77	2.97	<1	<5	1.09	<1	<1	<1	<1	<1	<1
Xylenes	180	120	120	110	<20	100	100	88	100	85.8	90.8	89.7	82.4	74.4	61.0	68.1	61.7	43.7	33.0	25.9	<10	3.90	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	18512	10507	10380	10329	11333	10677	11505	10283	4732.4	7329.8	1868.4	6769.7	7259.2	6979.9	5658.1	4901.1	6434	5838.6	4722.19	4981.54	3280.9	4134.05	3831.01	3649.42	2496.26	2810.10	2631.69	2917.71
Total chlorinated hydrocarbons	5001	2708	2617	2673	2956	2580	2536	2091	1191.4	1042.6	1025.5	1245.9	1117.1	971.6	748.4	601.6	585.4	601.15	479.42	551.63	353.2	378.99	325.98	301.41	289.05	294.18	292.5	295.91
Total BETX	199	149	153	151	42	132	127	122	130	109.4	116.8	117.7	107.5	98	82.5	85.2	82	61.85	48.52	38.8	7	9.95	4.14	3.23	0	0	0	0
Total chlorofluorocarbons	11310	7620	7580	7480	8300	7940	8810	8000	3406	6177.8	715.6	5425.8	6031.6	5809.1	4625.7	4211.1	5785.6	4970.1	4193.25	4369.61	2885.7	3743.61	3297.39	3341.78	2203.21	2511.92	2335.69	2617.3
Static Water Level Elevation (Ft)	745	744.81	744.25	743.74	743.3	744.21	744.33	745.29	744.65	743.94	742.61	744.24	744.11	744.74	745.06	744.05	744.07	744.39	744.60	745.17	745.61	746.36	745.65	744.63	744.05	744.07	743.95	744.03

NOTE:
For graphing purposes, non-detect values are calculated as follows:
Total Calc. VOC 15: Non-detect values=1/2 detection limit.
Total chlorinated hydrocarbons: Non-detect values=zero.
Total BETX: Non-detect values=zero.
Total chlorofluorocarbons: Non-detect values=zero.

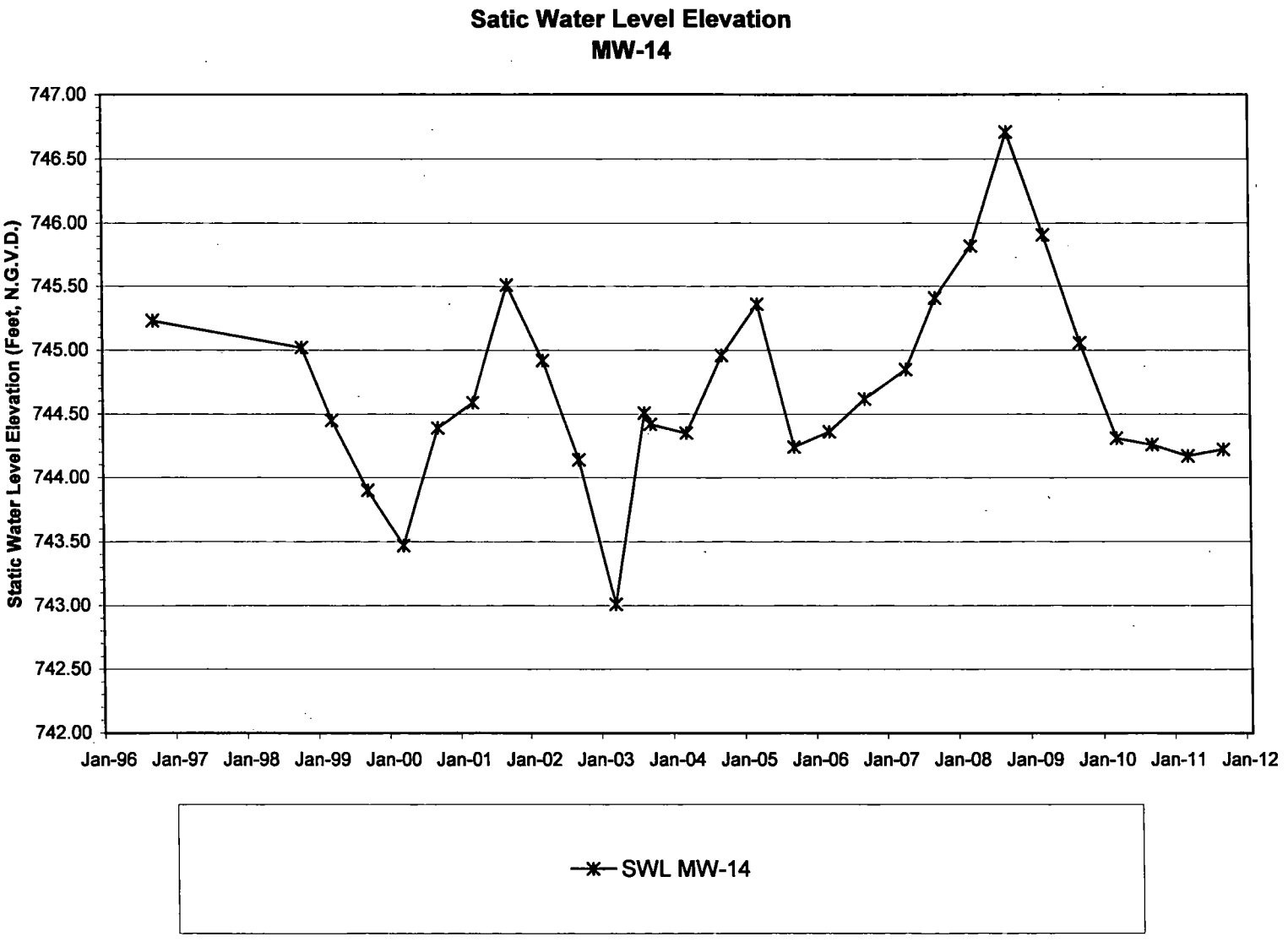
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/3/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-14 (VOC)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

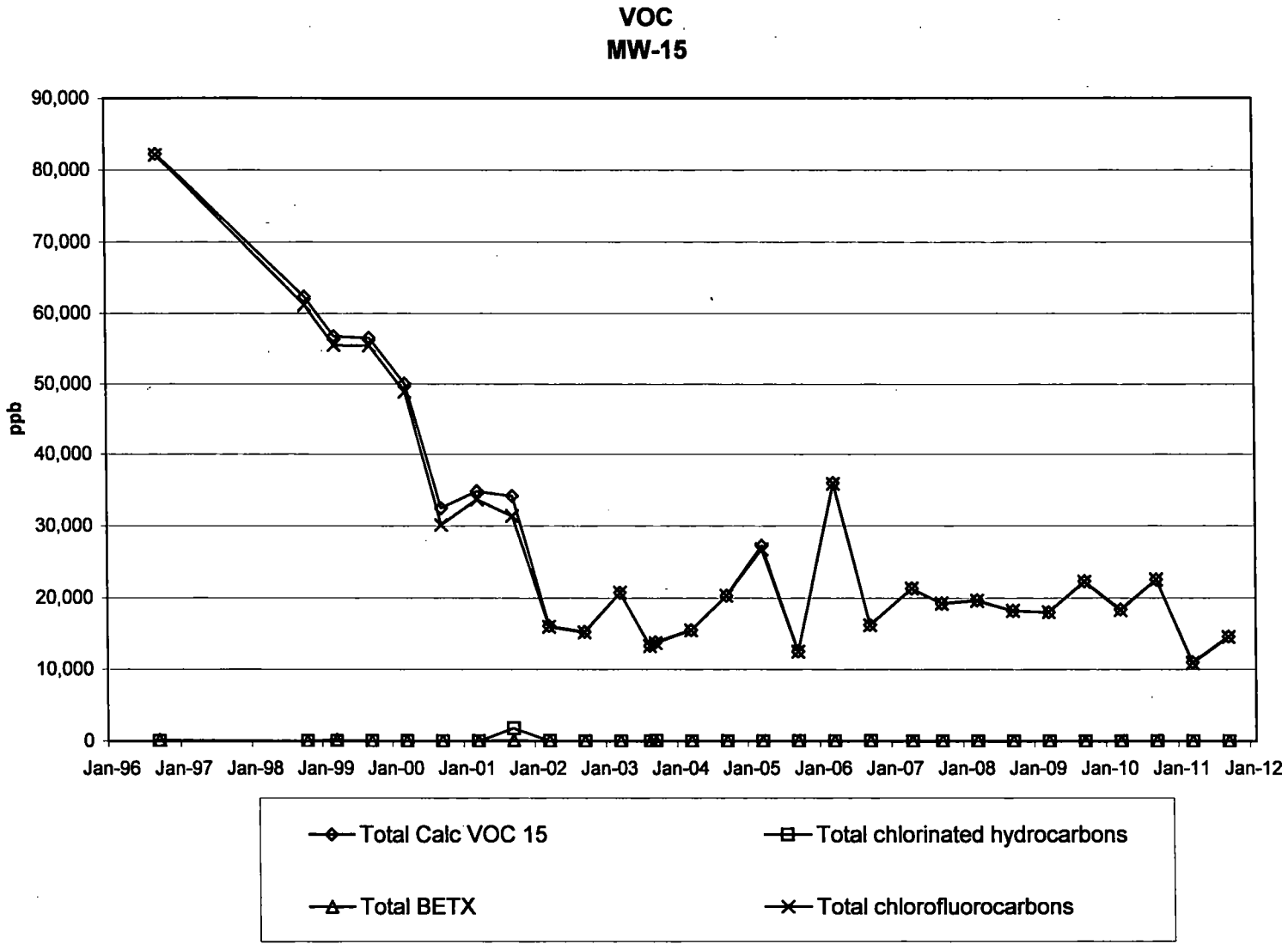


Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

MW-14	9/30/1998	10/1/1998	3/30/1999	9/30/1999	3/29/2000	9/25/2000	3/22/2001	9/19/2001	3/20/2002	9/24/2002	3/18/2003	8/12/2003	9/25/2003	3/18/2004	9/21/2004	3/24/2005	9/1/2005	3/15/2006	9/14/2006	4/2/2007	9/17/2007	3/20/2008	9/16/2008	3/17/2009	9/15/2009	3/16/2010	9/14/2010	3/15/2011	9/13/2011
1,2-Dichlorobenzene	<1	<200	<200	<200	<200	<200	<200	8.2	6.4	<1	5.2	4.1	<1	1.4	1.5	1.6	1.4	1.8	1.38	1.58	1.39	1.23	<1	1.07	1.04	<1	<1	<1	<1
1,1-Dichloroethene	4370	2020	1770	2280	3340	1760	1060	685	330	258	261	182	117	69.3	57.7	49.9	75.0	62.0	60.1	69.3	63.6	48.7	73.5	60.5	55.0	47.5	49.1	97.8	80.7
1,2-Dichloroethane	<1	<100	<100	<100	<100	<100	<100	5.4	<5	2	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1030	550	550	710	1980	810	600	25	10	<1	7.3	2.7	5.3	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.05	<1
c-1,2-Dichloroethene	<1	<100	<100	<100	<100	<100	<100	19	12	8.8	7.3	4.8	3.9	2.3	2.1	2.4	4.2	4.5	3.68	3.67	2.87	2.29	3.05	3.60	2.32	2.14	1.90	3.64	2.86
Dichlorofluoromethane	820	680	690	860	1960	750	<500	<5	16	51	<1	<1	<10	<5	<5	9.3	<5	17.7	<5	11.9	6.05	5.80	15.0	6.52	<5	<5	8.39	19.8	27.1
Ethylbenzene	630	350	380	480	770	390	220	87	62	48	48.2	27.7	24.9	4.4	3.4	3.8	3.2	4	3.72	3.84	3.83	3.15	2.68	3.21	2.15	1.81	1.80	2.24	2.19
Tetrachloroethene	3290	2080	1850	2540	4520	3300	1720	595	440	401	343	314	283	210	207	155	130	136	106	120	121	120	104	98.3	78.7	88.1	68.3	73.6	85.6
Toluene	23300	12700	10100	12800	22300	16100	8870	8.4	<5	2.8	1.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	30300	12100	10200	16100	38600	21900	10600	2030	940	600	436	304	242	157	115	73.4	86.5	57.4	48.4	41.1	37.5	30.2	25.6	24.0	14.3	15.1	13.7	30.0	26.3
Trichloroethene	<1	<100	<100	<100	<100	<100	<100	3.6	7.9	52.5	53	61.5	70.8	101	93.2	88.9	117	144	141	125	115	103	109	118	118	98.1	82.6	106	110
Trichlorofluoromethane	18600	8170	8690	13700	32600	15800	7010	1035	320	113	69.7	33.2	42.8	20.7	13.8	<1	8.1	8	8.36	7.16	5.89	4.04	3.47	2.85	1.81	2.38	2.42	20.4	15.1
1,1,2-Trichlorotrifluoroethane	14700	8210	7890	10200	18600	11400	5490	1300	1100	951	5000	251	350	155	271	170	126	208	142	123	120	105	104	99.8	80.3	70.1	71.9	66.3	60.5
Vinyl chloride	<1	<200	<200	<200	<200	<200	<200	2.1	250	2.8	1.9	<1	<1	1.5	<1	<1	1.1	2.8	1.4	1.90	1.00	<1	<1	1.35	<1	<1	1.60	5.15	10.10
Xylenes	2580	1390	1450	1720	3100	2000	1000	210	<5	176	187	93.7	75.8	11	1.1	<2	<2	<2	<3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	99622.5	46580	43720	61780	128400	74360	35190	6014	3501.8	2867.5	6400	1280.7	1222.3	737.5	770.3	565.8	538.1	670.7	540.8	510.95	480.43	427.38	439.80	441.80	358.92	329.23	304.71	428.68	412.45
Total chlorinated hydrocarbons	38990	15750	14370	21840	48920	27770	14000	3373	1996.3	1272.4	1115	873.1	722	542.4	476.5	389.2	398.3	430.5	381.2	352.8	342.4	308.4	311.2	328.8	267.4	248.94	217.20	317.44	295.56
Total BETX	26510	4440	11930	15000	26170	16490	8090	303	62	226.6	215	121.4	100.7	15.4	4.5	3.8	3.2	4	3.7	3.8	3.83	3.15	2.68	3.21	2.15	1.81	1.8	2.24	2.19
Total chlorofluorocarbons	34120	17040	17070	24780	52980	27750	12500	2335	1436	1115	5070	284.2	392.8	175.7	284.6	179.3	132.1	233.7	150.4	142.1	131.7	114.8	122.5	109.3	81.9	72.48	82.71	108.50	111.70
Static Water Level Elevation (Ft)	745.23	745.02	744.45	743.9	743.47	744.39	744.59	745.51	744.92	744.14	743.01	744.51	744.42	744.35	744.95	745.36	744.24	744.36	744.82	744.85	745.41	745.62	746.71	745.91	745.06	744.31	744.26	744.17	744.22

NOTE:
For graphing purposes, non-detect values are calculated as follows:
Total Calc. VOC 15: Non-detect values=1/2 detection limit.
Total chlorinated hydrocarbons: Non-detect values=zero.
Total BETX: Non-detect values=zero.
Total chlorofluorocarbons: Non-detect values=zero.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

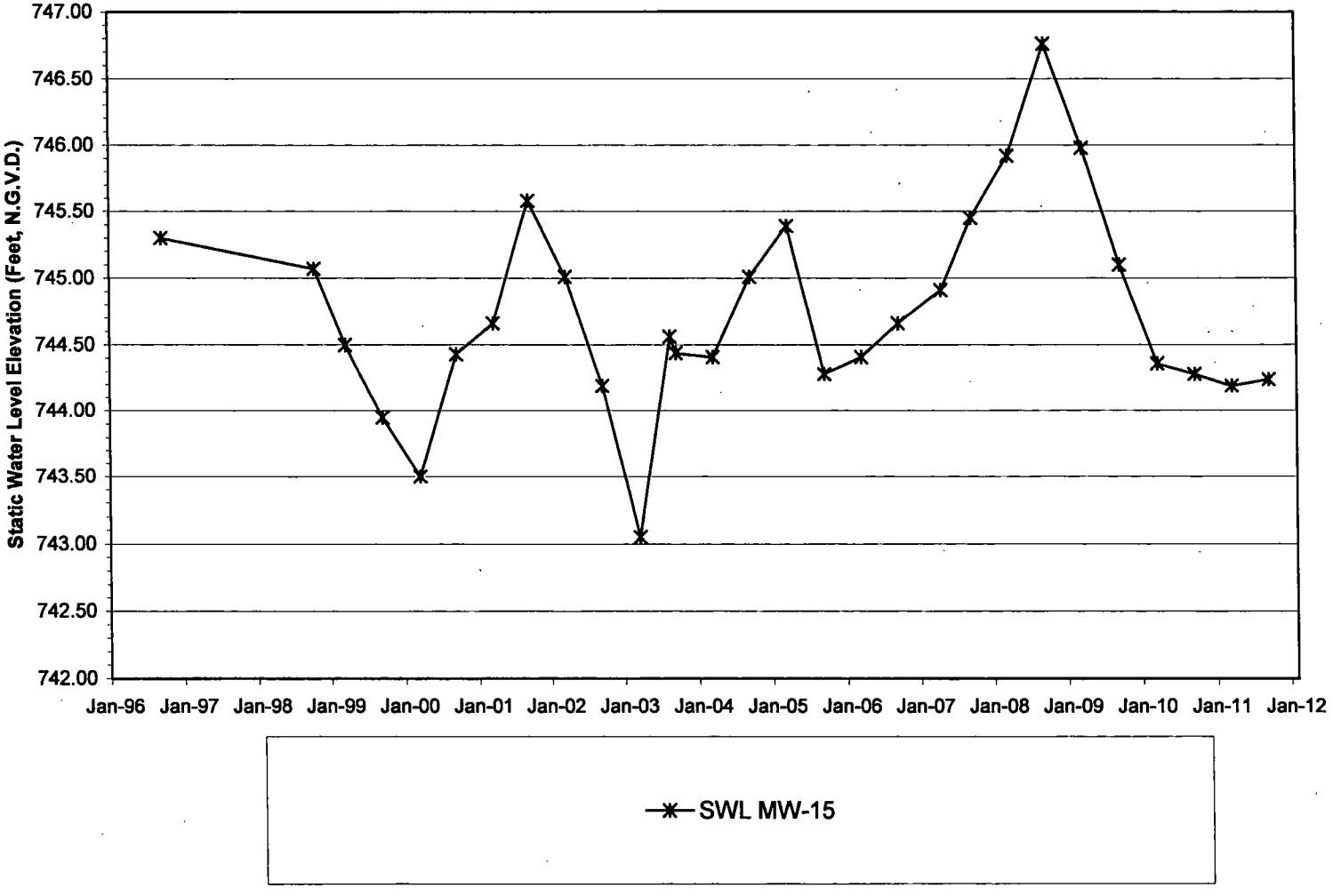


10/3/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-15 (VOC)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana

Static Water Level Elevation
MW-15



10/3/2011

1092-11-01 SEPT 2011 GW TREND GRAPHS.xls Chart MW-15 (SWL)
Prepared by Heartland Environmental Associates, Inc.

Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

MW-15	9/30/1998	10/1/1998	3/30/1999	9/30/1999	3/29/2000	9/25/2000	3/22/2001	9/19/2001	3/20/2002	9/24/2002	3/18/2003	8/12/2003	9/25/2003	3/18/2004	9/21/2004	3/24/2005	9/1/2005	3/15/2006	9/14/2006	4/2/2007	9/17/2007	3/20/2008	9/16/2008	3/17/2009	9/15/2009	3/16/2010	9/14/2010	3/15/2011	9/13/2011
1,2-Dichlorobenzene	<1	<200	<200	<200	<200	<200	<200	<200	<5	<10	<1	4.2	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
1,1-Dichloroethene	<1	<100	<100	<100	<100	<100	<100	100	<5	<10	<1	<1	1.2	1	1	<50	<5	<10	<1	1.02	<1	<10	<1	<1	<10	<10	<1	<10	<10
1,2-Dichloroethane	<1	<100	<100	<100	<100	<100	<100	<100	<5	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
1,1-Dichloroethane	<1	<200	<200	<200	<200	<200	<200	<200	<5	<10	<1	<1	50.6	<1	<1	<50	<5	<10	50.3	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
c-1,2-Dichloroethene	<1	<100	<100	<100	<100	<100	<100	<100	<5	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
Dichlorofluoromethane	110	<500	<500	<500	<500	<500	<500	<500	<5	<10	2.5	<1	<100	<5	<5	<250	<5	<50	<5	<1	<1	<50	<5	11.1	14.2	<50	14.2	<50	<50
Ethylbenzene	<1	<100	<100	<100	<100	<100	<100	158	<5	<10	1.7	2.7	1.4	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
Tetrachloroethene	<1	<100	<100	<100	<100	<100	<100	980	<5	<10	1	<1	1.2	<1	<1	<50	<5	<10	1.85	1.78	1.87	<10	<1	<1	<10	<10	1.39	<10	<10
Toluene	<1	<100	<100	<100	<100	<100	<100	<100	<5	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
1,1,1-Trichloroethane	<1	<100	<100	<100	<100	<100	<100	730	35	15.6	11	5.8	8.8	9.2	<1	<50	7.2	13.6	4.93	6.37	5.92	<10	4.07	2.89	<10	<10	1.28	<10	<10
Trichloroethene	<1	<100	<100	<100	<100	<100	<100	<100	<5	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
Trichlorofluoromethane	<1	<200	<200	<200	<200	<200	<200	980	<5	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
1,1,2-Trichlorotrifluoroethane	62000	61200	55500	55400	46900	30100	33700	30400	16000	15200	20700	13300	13700	15600	20300	26700	12500	35900	16200	21300	19200	19600	18200	18000	22200	18300	22500	10900	14500
Vinyl chloride	<1	<200	<200	<200	<200	<200	<200	<200	<2	<10	<1	<1	<1	<1	<1	<50	<5	<10	<1	<1	<1	<10	<1	<1	<10	<10	<1	<10	<10
Xylenes	140	<200	200	<200	<200	<200	<200	<200	18	<10	9.4	13.2	6.6	3.7	<1	<100	<10	<20	<3	<2	3.75	<20	<2	<2	<20	<20	<2	<20	<20
Total Calc VOC 15	62256	62360	56750	56650	50050	32450	34850	34198	16081.5	15280.6	20730.1	13330.9	13823.3	15521.4	20309	27175	12542.2	36003.6	16205.38	21315.15	19217.04	19695	18313.07	18020.49	22284.2	18395	22522.85	10995.00	14595.00
Total chlorinated hydrocarbons	0	0	0	0	0	0	0	1810	35	15.6	12	10	61.6	10.2	0	0	0	13.6	56.86	9.15	7.79	0	4.07	2.89	0	0	2.65	0	0
Total BETX	140	0	200	0	0	0	0	158	18	0	1.7	15.9	8	3.7	0	0	0	0	0	0	3.75	0	0	0	0	0	0	0	0
Total chlorofluorocarbons	62110	61200	55500	55400	46900	30100	33700	31380	16000	15200	20702.5	13300	13700	15500	20300	26700	12500	35900	16200	21300	19200	19600	18200	18011.1	22214.2	18300.00	22514.2	10900.0	14500.0
Static Water Level Elevation (Ft)	745.30	745.07	744.50	743.95	743.50	744.43	744.88	745.58	745.01	744.19	743.05	744.51	744.44	744.41	745.01	745.39	744.28	744.41	744.66	744.91	745.45	745.92	746.76	745.98	745.10	744.38	744.28	744.19	744.24

NOTE:
For graphing purposes, non-detect values are calculated as follows:
Total Calc. VOC 15: Non-detect values=1/2 detection limit.
Total chlorinated hydrocarbons: Non-detect values=zero.
Total BETX: Non-detect values=zero.
Total chlorofluorocarbons: Non-detect values=zero.