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October 14, 2010

CERTIFIED MAIL NO. 7003 0500 0003 3623 3005

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 2010

Dear Ms. Holz:

Transmitted herewith is the fall 2010 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 16, 2010, the groundwater sparge and soil vapor extraction (SVE) remediation systems at the Site have been in continuous operation, except for a brief shutdown during April 20-to-25, 2010, to repair a burned out variable frequency drive (VFD) for the SVE vacuum pump system, and during September 13-to-15, 2010, for the subject September 2010 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 14, 2010, 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 relative to the previous results from the last several semi-annual monitoring events (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 initially detected fifteen Volatile Organic Compounds (i.e. the "Compliance VOC concentration" or "VOC 15"). The Compliance VOC concentration at the Site is presently about 12.6% of the baseline concentration (about 87.4% removal). 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 and 2009-2010. 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 and 2010 monitoring events, the operation of the systems as much as possible during the winter seasons of 2007-2008, 2008-2009 and 2009-2010 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 2010 and as much as possible during the upcoming winter of 2010-2011.

The sampling results for 2010 indicate a similar pattern and comparable total Compliance VOC concentrations to those observed in 2009 (i.e. an increase in the fall concentrations relative to the spring concentrations). Evaluation of the results for individual wells indicates that the main factor in the overall increase in the total Compliance VOC concentrations for the Site was the increase at well MW-15. The total Compliance VOC concentrations also increased slightly at wells MW-4 and MW-10B but decreased slightly at wells MW-7 and 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. More operational time is likely needed before positive effects of the 2009 and 2010 adjustments to the systems are observed. 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 2011 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

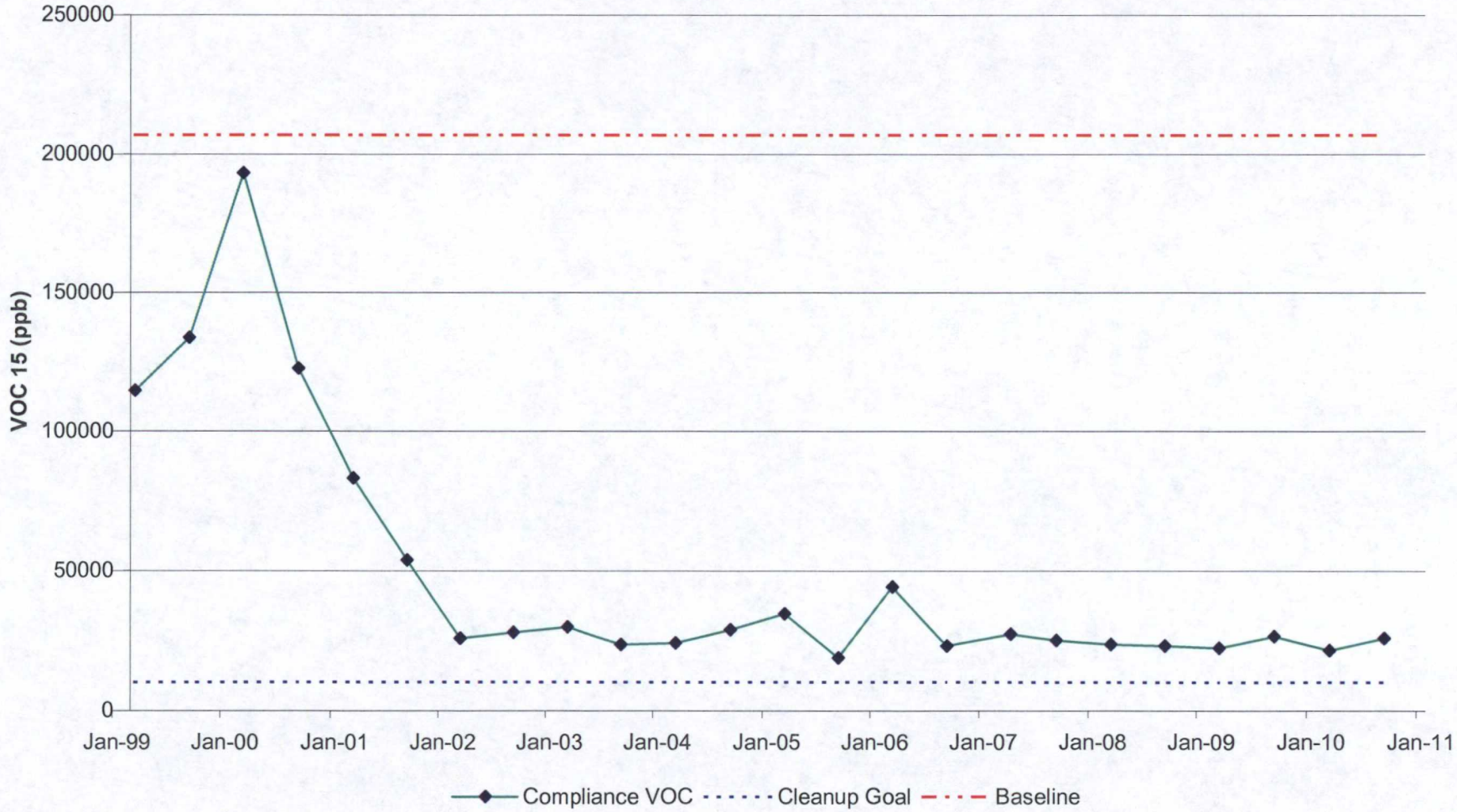
JCS:jcs
Enclosures:

- 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



1092-10-01-FIG100401JCS

SEMI-ANNUAL GROUNDWATER MONITORING REPORT

Heartland Environmental Associates, Inc.

SEMI-ANNUAL GROUNDWATER MONITORING SEPTEMBER 2010 2626 INDUSTRIAL PARKWAY ELKHART, INDIANA

OCTOBER 14, 2010

PREPARED FOR
KIK CUSTOM PRODUCTS / ACCRA PAC GROUP

PREPARED BY
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3410 MISHAWAKA AVENUE
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President

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1.0 INTRODUCTION

This report concerns the September 14, 2010, 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 14, 2010, 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 winters of 2007-2008, 2008-2009 and 2009-20010. 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 and 2010 semi-annual monitoring events, the operation of the systems during the winters of 2007-2008, 2008-2009 and 2009-2010 evidently 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 16, 2010, the groundwater sparge and SVE remediation systems at the Site were in continuous operation except for a brief shutdown during April 20-to-25, 2010, to repair a burned out variable frequency drive (VFD) for the SVE vacuum pump system, and during September 13-to-15, 2010, for the subject September 2010 groundwater monitoring event.

The total Compliance VOC concentrations increased slightly at the Site in September 2010 relative to the previous monitoring conducted in March 2010. 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. More operational time is likely needed before positive effects of the 2009 and 2010 adjustments to the systems are observed. 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 14, 2010, 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 2010 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 2010 and as much as possible during the upcoming winter season of 2010-2011 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 2011.

2.0 FIELD SAMPLING INFORMATION

Heartland collected groundwater samples on September 14, 2010, 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 overnight for morning delivery on September 15, 2010, to the TestAmerica, Inc., laboratory in Kettering, Ohio.

3.0 GROUNDWATER FLOW DIRECTIONS

On September 14, 2010, 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 slightly less than a 2-hour period of time and prior to the start of well sampling activities. The SVE and sparge systems were shut off for at least 24 hours prior to measuring the SWLs. 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 14, 2010, 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 14, 2010, 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 14, 2010

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	9:09 A.M.	11.32	755.75	744.43
MW-3	10:25 A.M.	12.24	756.41	744.17
MW-4	10:32 A.M.	11.93	756.115	744.19
MW-5	9:15 A.M.	7.36	751.74	744.38
MW-5B	9:17 A.M.	7.18	751.54	744.36
MW-6	9:12 A.M.	6.53	750.94	744.41
MW-7	9:55 A.M.	11.93	756.015	744.09
MW-8	9:14 A.M.	7.62	752.02	744.40
MW-9	9:43 A.M.	11.35	755.66	744.31 (roots on probe tip)
MW-10	10:04 A.M.	DRY	756.815	(Dry at well depth of ≈12.0 feet from TOC; roots on probe tip.)
MW-10B	10:05 A.M.	9.77	753.835	744.07
MW-11	10:51 A.M.	9.13	753.53	744.40 (some roots on probe tip)
MW-12	9:30 A.M.	9.00	753.145	744.15
MW-13	9:27 A.M.	6.69	750.915	744.23
MW-14	10:58 A.M.	12.21	756.47	744.26
MW-15	10:59 A.M.	11.47	755.75	744.28

Notes:

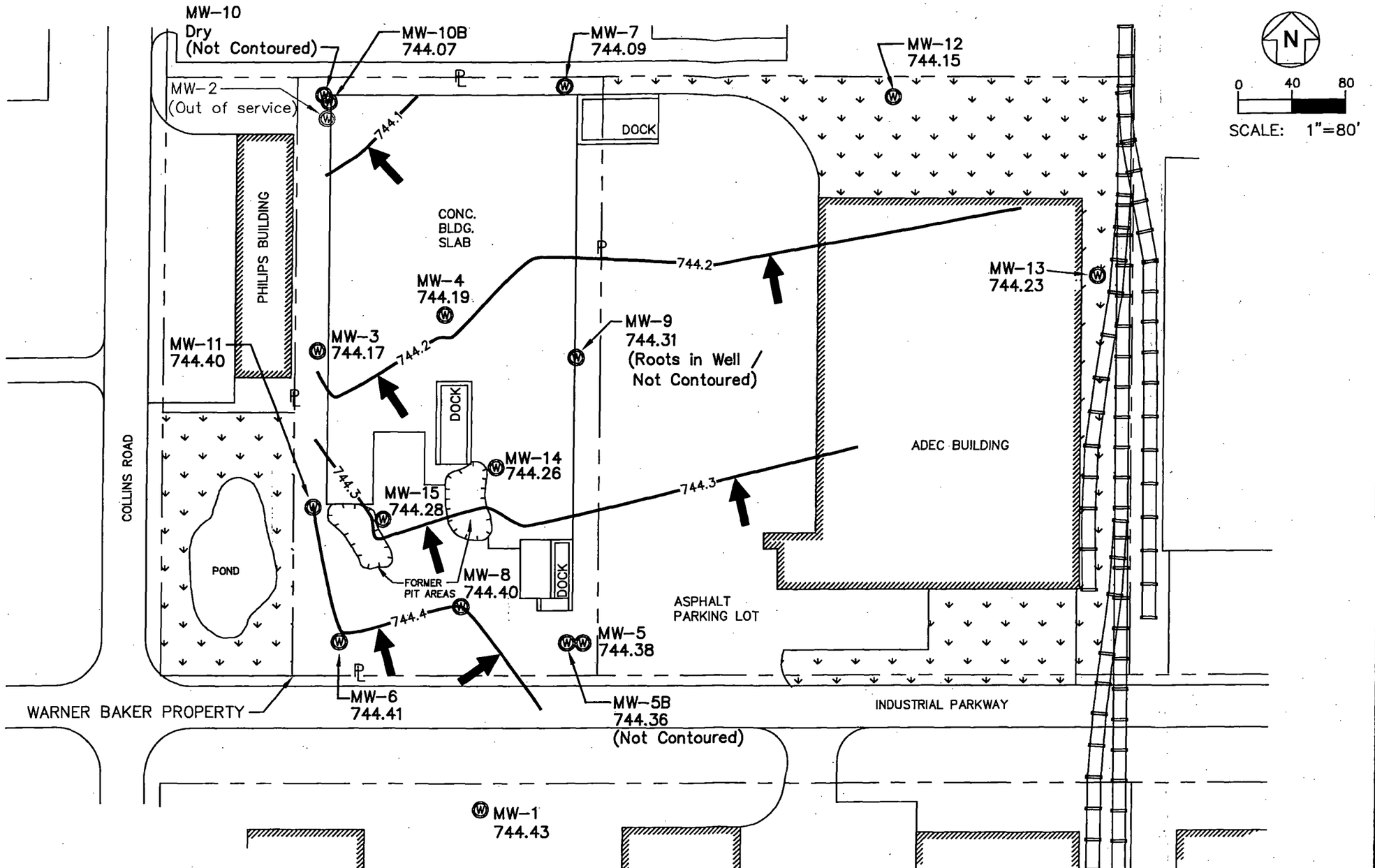
(1) SWL = Static Water Level.

(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 6:15 AM on September 13, 2010, and restarted at 7:00 AM on September 15, 2010, after the SWL checks and sampling were completed on September 14, 2010. The systems were shut off more than 24 hours prior to the static water level checks and sampling on September 14, 2010.



LEGEND

MW-1 744.43	Monitoring well location and groundwater elevation in feet (NGVD) as measured on September 14, 2010. All measurements were made in less than a two (2) hour time period.
—PL—	Property line.
	Groundwater flow direction.
744.2	Groundwater elevation contour in feet (NGVD). Contour interval is 0.1 foot.
	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	Approved	Date	Proj.No.	Sheet No.
JMS	JCS	SEPT. 2010	1092-10-01	FIGURE 3.1

FIGURE 3.1

ACCRA PAC
2626 INDUSTRIAL PARKWAY, ELKHART INDIANA
GROUNDWATER FLOW DIRECTION MAP
SEPTEMBER 14, 2010

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 14, 2010, 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 14, 2010, monitoring event. Therefore, remediation and semi-annual monitoring will continue. The next semi-annual groundwater sampling event is scheduled for March 2011.

TABLE 4.1

SUMMARY OF ANALYTICAL RESULTS
SEPTEMBER 14, 2010 (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	2.79	2.90	ND	ND	ND
1,1-Dichloroethane	42.3	177	191	152	49.1	ND
1,2-Dichloroethane	ND	ND	1.43	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
c-1,2-Dichloroethene	ND	7.58	7.91	2.21	1.90	ND
Dichlorofluoromethane	ND	ND	ND	17.9	8.39	14.2
Ethylbenzene	ND	ND	ND	ND	1.80	ND
Tetrachloroethene	1.63	5.64	6.15	122	68.3	1.39
Toluene	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.06	13.5	14.2	15.5	13.7	1.26
Trichloroethene	ND	14.6	15.5	2.47	82.6	ND
Trichlorofluoromethane	1.01	ND	ND	4.02	2.42	ND
1,1,2-Trichlorotrifluoroethane	171	7.43	12.9	2,490	71.9	22,500
Vinyl Chloride	ND	5.51	5.80	ND	1.60	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 14, 2010.

(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 14, 2010, 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]	221			234.05			257.79			2,806.1		301.71		22,516.85		
Number Non-Detects[3]	8	1	1	5	1	1	4	1	1	6	1	4	1	10	1	
EQL(ppb)[4]	1	2	5	1	2	5	1	2	5	1	2	1	2	1	2	↓
Non-Detected VOC (ppb)[5]	8	2	5	5	2	5	4	2	5	6	2	4	2	10	2	
½ Non-Detected VOC (ppb)[6]	4.0	1	2.5	2.5	1	2.5	2	1	2.5	3	1	2	1	5	1	
Compliance VOC 15 (ppb)[7]	228.5			240.05			263.29			2,810.1		304.71		22,522.85		26,129.45
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 14, 2010, 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
339.W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

October 01, 2010

Client:

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

Attn: JC Sporleder

Work Order: DTI0548
Project Name: Accra Pac
Project Number: 1092-10-01

Date Received: 09/15/10

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	DTI0548-01	09/14/10 12:40
MW-7	DTI0548-02	09/14/10 13:00
MW-10B	DTI0548-03	09/14/10 14:20
MW-14	DTI0548-04	09/14/10 14:05
MW-15	DTI0548-05	09/14/10 15:10
FD+MS/DMS	DTI0548-06	09/14/10 13:05
Trip Blank	DTI0548-07	09/14/10

Case Narrative:

Revised Report: Compound 1,1,2-Trichlorotrifluoromethane addded to sample DTI0583-03.

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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:

This report has been electronically signed.

TestAmerica Dayton
Deborah Olszowka For Shelly A. Howard
Dayton Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTI0548-01 (MW-4 - Water - NonPotable)					**Sampled: 09/14/10 12:40**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/21/10 16:49	jmt	1010806	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
1,1-Dichloroethane	**42.3**		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Tetrachloroethene	**1.63**		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
1,1,1-Trichloroethane	**5.06**		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Trichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Trichlorofluoromethane	**1.01**		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**171**		ug/L	10.0	10	09/23/10 17:59	jmt	1010913	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 16:49	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*103 %*					09/21/10 16:49	jmt	1010806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/21/10 16:49	jmt	1010806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 16:49	jmt	1010806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/21/10 16:49	jmt	1010806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*103 %*					09/21/10 16:49	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*109 %*					09/23/10 17:59	jmt	1010913	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/21/10 16:49	jmt	1010806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*					09/23/10 17:59	jmt	1010913	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 16:49	jmt	1010806	SW 8260B
Surr: Toluene-d8 (80-120%)	*106 %*					09/23/10 17:59	jmt	1010913	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/21/10 16:49	jmt	1010806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/23/10 17:59	jmt	1010913	SW 8260B
Sample ID: DTI0548-02 (MW-7 - Water - NonPotable)					**Sampled: 09/14/10 13:00**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/21/10 14:02	jmt	1010806	VOA GC/MS Screen
1,2-Dichlorobenzene	**2.79**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
1,1-Dichloroethane	**177**		ug/L	10.0	10	09/22/10 13:01	jmt	1010872	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
cis-1,2-Dichloroethene	**7.58**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Tetrachloroethene	**5.64**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
1,1,1-Trichloroethane	**13.5**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Trichloroethene	**14.6**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**7.43**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B

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Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTI0548-02 (MW-7 - Water - NonPotable) - cont.					**Sampled: 09/14/10 13:00**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS - cont.									
Vinyl chloride	**5.51**		ug/L	1.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 14:02	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 14:02	jmt	1010806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 14:02	jmt	1010806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 14:02	jmt	1010806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/21/10 14:02	jmt	1010806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 14:02	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*109 %*					09/22/10 13:01	jmt	1010872	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 14:02	jmt	1010806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*96 %*					09/22/10 13:01	jmt	1010872	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 14:02	jmt	1010806	SW 8260B
Surr: Toluene-d8 (80-120%)	*107 %*					09/22/10 13:01	jmt	1010872	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/21/10 14:02	jmt	1010806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*107 %*					09/22/10 13:01	jmt	1010872	SW 8260B
Sample ID: DTI0548-03 (MW-10B - Water - NonPotable)					**Sampled: 09/14/10 14:20**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	**17.9**		ug/L	5.00	1	09/21/10 14:30	jmt	1010806	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
1,1-Dichloroethane	**152**		ug/L	50.0	50	09/22/10 14:25	jmt	1010872	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
cis-1,2-Dichloroethene	**2.21**		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Tetrachloroethene	**122**		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
1,1,1-Trichloroethane	**15.5**		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Trichloroethene	**2.47**		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Trichlorofluoromethane	**4.02**		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**2490**	B	ug/L	50.0	50	09/22/10 14:25	jmt	1010872	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 14:30	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*99 %*					09/21/10 14:30	jmt	1010806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*97 %*					09/21/10 14:30	jmt	1010806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*98 %*					09/21/10 14:30	jmt	1010806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*					09/21/10 14:30	jmt	1010806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*99 %*					09/21/10 14:30	jmt	1010806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*110 %*					09/22/10 14:25	jmt	1010872	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*97 %*					09/21/10 14:30	jmt	1010806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*98 %*					09/22/10 14:25	jmt	1010872	SW 8260B
Surr: Toluene-d8 (80-120%)	*98 %*					09/21/10 14:30	jmt	1010806	SW 8260B
Surr: Toluene-d8 (80-120%)	*106 %*					09/22/10 14:25	jmt	1010872	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*					09/21/10 14:30	jmt	1010806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/22/10 14:25	jmt	1010872	SW 8260B

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3410 Mishawaka Ave.
South Bend, IN 46615
JC Sporleder

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTI0548-04 (MW-14 - Water - NonPotable)					**Sampled: 09/14/10 14:05**		**Recvd: 09/15/10 12:00**		
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	**8.39**		ug/L	5.00	1	09/21/10 14:58	jmt	10I0806	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
1,1-Dichloroethane	**49.1**		ug/L	1.00	1	09/23/10 16:08	jmt	10I0913	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
cis-1,2-Dichloroethene	**1.90**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Ethylbenzene	**1.80**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Tetrachloroethene	**68.3**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
1,1,1-Trichloroethane	**13.7**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Trichloroethene	**82.6**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Trichlorofluoromethane	**2.42**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**71.9**		ug/L	1.00	1	09/23/10 16:08	jmt	10I0913	SW 8260B
Vinyl chloride	**1.60**		ug/L	1.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 14:58	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 14:58	jmt	10I0806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*112 %*					09/23/10 16:08	jmt	10I0913	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*98 %*					09/23/10 16:08	jmt	10I0913	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 14:58	jmt	10I0806	SW 8260B
Surr: Toluene-d8 (80-120%)	*107 %*					09/23/10 16:08	jmt	10I0913	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/21/10 14:58	jmt	10I0806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/23/10 16:08	jmt	10I0913	SW 8260B
Sample ID: DTI0548-05 (MW-15 - Water - NonPotable)					**Sampled: 09/14/10 15:10**		**Recvd: 09/15/10 12:00**		
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	**14.2**		ug/L	5.00	1	09/21/10 15:25	jmt	10I0806	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
1,1-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Tetrachloroethene	**1.39**		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
1,1,1-Trichloroethane	**1.26**		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Trichloroethene	<1.00	M	ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**22500**		ug/L	500	500	09/23/10 19:50	jmt	10I0913	SW 8260B

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Reported: 10/01/10 14:23

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTI0548-05 (MW-15 - Water - NonPotable) - cont.					**Sampled: 09/14/10 15:10**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS - cont.									
Vinyl chloride	<1.00		ug/L	1.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 15:25	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*99 %*					09/21/10 15:25	jmt	10I0806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*95 %*					09/21/10 15:25	jmt	10I0806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*					09/21/10 15:25	jmt	10I0806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/21/10 15:25	jmt	10I0806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*99 %*					09/21/10 15:25	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*110 %*					09/23/10 19:50	jmt	10I0913	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*95 %*					09/21/10 15:25	jmt	10I0806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/23/10 19:50	jmt	10I0913	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/21/10 15:25	jmt	10I0806	SW 8260B
Surr: Toluene-d8 (80-120%)	*107 %*					09/23/10 19:50	jmt	10I0913	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*100 %*					09/21/10 15:25	jmt	10I0806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/23/10 19:50	jmt	10I0913	SW 8260B
Sample ID: DTI0548-06 (FD+MS/DMS - Water - NonPotable)					**Sampled: 09/14/10 13:05**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/21/10 15:53	jmt	10I0806	VOA GC/MS Screen
1,2-Dichlorobenzene	**2.90**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
1,1-Dichloroethane	**191**		ug/L	10.0	10	09/23/10 15:12	jmt	10I0913	SW 8260B
1,2-Dichloroethane	**1.43**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
cis-1,2-Dichloroethene	**7.91**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Tetrachloroethene	**6.15**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
1,1,1-Trichloroethane	**14.2**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Trichloroethene	**15.5**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**12.9**		ug/L	10.0	10	09/23/10 15:12	jmt	10I0913	SW 8260B
Vinyl chloride	**5.80**		ug/L	1.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 15:53	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 15:53	jmt	10I0806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 15:53	jmt	10I0806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 15:53	jmt	10I0806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*					09/21/10 15:53	jmt	10I0806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 15:53	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*113 %*					09/23/10 15:12	jmt	10I0913	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 15:53	jmt	10I0806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*100 %*					09/23/10 15:12	jmt	10I0913	SW 8260B
Surr: Toluene-d8 (80-120%)	*99 %*					09/21/10 15:53	jmt	10I0806	SW 8260B
Surr: Toluene-d8 (80-120%)	*105 %*					09/23/10 15:12	jmt	10I0913	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*102 %*					09/21/10 15:53	jmt	10I0806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/23/10 15:12	jmt	10I0913	SW 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4738 Gateway Circle Dayton, OH 45440 (800) 572-9839
339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DTI0548-07 (Trip Blank - Water - NonPotable)					**Sampled: 09/14/10**			**Recvd: 09/15/10 12:00**	
Volatile Organic Compounds by GC/MS									
Dichlorofluoromethane	<5.00		ug/L	5.00	1	09/21/10 16:21	jmt	10I0806	VOA GC/MS Screen
1,2-Dichlorobenzene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
1,1-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
1,2-Dichloroethane	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
cis-1,2-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
1,1-Dichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Ethylbenzene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Tetrachloroethene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Toluene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
1,1,1-Trichloroethane	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Trichloroethene	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Trichlorofluoromethane	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
1,1,2-Trichlorotrifluoroethane	**1.85**	B	ug/L	1.00	1	09/22/10 12:06	jmt	10I0872	SW 8260B
Vinyl chloride	<1.00		ug/L	1.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Xylenes, Total	<2.00		ug/L	2.00	1	09/21/10 16:21	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 16:21	jmt	10I0806	VOA GC/MS Screen
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 16:21	jmt	10I0806	VOA GC/MS Screen
Surr: Toluene-d8 (80-120%)	*100 %*					09/21/10 16:21	jmt	10I0806	VOA GC/MS Screen
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/21/10 16:21	jmt	10I0806	VOA GC/MS Screen
Surr: 1,2-Dichloroethane-d4 (80-120%)	*100 %*					09/21/10 16:21	jmt	10I0806	SW 8260B
Surr: 1,2-Dichloroethane-d4 (80-120%)	*109 %*					09/22/10 12:06	jmt	10I0872	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/21/10 16:21	jmt	10I0806	SW 8260B
Surr: Dibromofluoromethane (80-120%)	*99 %*					09/22/10 12:06	jmt	10I0872	SW 8260B
Surr: Toluene-d8 (80-120%)	*100 %*					09/21/10 16:21	jmt	10I0806	SW 8260B
Surr: Toluene-d8 (80-120%)	*106 %*					09/22/10 12:06	jmt	10I0872	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*101 %*					09/21/10 16:21	jmt	10I0806	SW 8260B
Surr: 4-Bromofluorobenzene (80-120%)	*99 %*					09/22/10 12:06	jmt	10I0872	SW 8260B

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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														
Dichlorofluoromethane	1010806			ug/L	N/A	5.00	<5.00							
Surrogate: 1,2-Dichloroethane-d4	*1010806*			ug/L					*100*		*80-120*			
Surrogate: Dibromofluoromethane	*1010806*			ug/L					*101*		*80-120*			
Surrogate: Toluene-d8	*1010806*			ug/L					*100*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010806*			ug/L					*100*		*80-120*			
1,2-Dichlorobenzene	1010806			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	1010806			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	1010806			ug/L	N/A	1.00	<1.00							
cis-1,2-Dichloroethene	1010806			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	1010806			ug/L	N/A	1.00	<1.00							
Ethylbenzene	1010806			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	1010806			ug/L	N/A	1.00	<1.00							
Toluene	1010806			ug/L	N/A	1.00	<1.00							
1,1,1-Trichloroethane	1010806			ug/L	N/A	1.00	<1.00							
Trichloroethene	1010806			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	1010806			ug/L	N/A	1.00	<1.00							
1,1,2-Trichlorotrifluoroethane	1010806			ug/L	N/A	1.00	<1.00							
Vinyl chloride	1010806			ug/L	N/A	1.00	<1.00							
Xylenes, Total	1010806			ug/L	N/A	2.00	<2.00							
Surrogate: 1,2-Dichloroethane-d4	*1010806*			ug/L					*100*		*80-120*			
Surrogate: Dibromofluoromethane	*1010806*			ug/L					*101*		*80-120*			
Surrogate: Toluene-d8	*1010806*			ug/L					*100*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010806*			ug/L					*100*		*80-120*			
Acetone	1010872			ug/L	N/A	20.0	<20.0							
Acrolein	1010872			ug/L	N/A	50.0	<50.0							
Acrylonitrile	1010872			ug/L	N/A	50.0	<50.0							
Allyl chloride	1010872			ug/L	N/A	5.00	<5.00							
Benzene	1010872			ug/L	N/A	1.00	<1.00							
Bromobenzene	1010872			ug/L	N/A	1.00	<1.00							
Bromochloromethane	1010872			ug/L	N/A	1.00	<1.00							
Bromodichloromethane (Dichlorobromomethane)	1010872			ug/L	N/A	1.00	<1.00							
Bromoform	1010872			ug/L	N/A	1.00	<1.00							
Bromomethane (Methyl bromide)	1010872			ug/L	N/A	5.00	<5.00							
2-Butanone (MEK)	1010872			ug/L	N/A	12.5	<12.5							
tert-Butylbenzene	1010872			ug/L	N/A	1.00	<1.00							
sec-Butylbenzene	1010872			ug/L	N/A	1.00	<1.00							
n-Butylbenzene	1010872			ug/L	N/A	1.00	<1.00							
Carbon disulfide	1010872			ug/L	N/A	1.00	<1.00							
Carbon tetrachloride	1010872			ug/L	N/A	1.00	<1.00							
Chlorobenzene	1010872			ug/L	N/A	1.00	<1.00							
Chloroethane	1010872			ug/L	N/A	5.00	<5.00							
2-Chloroethylvinyl ether	1010872			ug/L	N/A	5.00	<5.00							
Chloroform	1010872			ug/L	N/A	1.00	<1.00							
Chloromethane (Methyl chloride)	1010872			ug/L	N/A	5.00	<5.00							

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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														
Chloroprene	1010872			ug/L	N/A	5.00	<5.00							
4-Chlorotoluene	1010872			ug/L	N/A	1.00	<1.00							
2-Chlorotoluene	1010872			ug/L	N/A	1.00	<1.00							
Cyclohexane	1010872			ug/L	N/A	5.00	<5.00							
Dibromochloromethane (Chlorodibromomethane)	1010872			ug/L	N/A	1.00	<1.00							
1,2-Dibromo-3-chloropropane	1010872			ug/L	N/A	5.00	<5.00							
1,2-Dibromoethane (EDB)	1010872			ug/L	N/A	5.00	<5.00							
Dibromomethane	1010872			ug/L	N/A	1.00	<1.00							
trans-1,4-Dichloro-2-butene	1010872			ug/L	N/A	5.00	<5.00							
1,2-Dichlorobenzene	1010872			ug/L	N/A	1.00	<1.00							
1,4-Dichlorobenzene	1010872			ug/L	N/A	1.00	<1.00							
1,3-Dichlorobenzene	1010872			ug/L	N/A	1.00	<1.00							
Dichlorodifluoromethane	1010872			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	1010872			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	1010872			ug/L	N/A	1.00	<1.00							
cis-1,2-Dichloroethene	1010872			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethene (total)	1010872			ug/L	N/A	2.00	<2.00							
trans-1,2-Dichloroethene	1010872			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	1010872			ug/L	N/A	1.00	<1.00							
1,3-Dichloropropane	1010872			ug/L	N/A	1.00	<1.00							
2,2-Dichloropropane	1010872			ug/L	N/A	1.00	<1.00							
1,2-Dichloropropane	1010872			ug/L	N/A	1.00	<1.00							
1,3-Dichloropropene (total)	1010872			ug/L	N/A	2.00	<2.00							
1,1-Dichloropropene	1010872			ug/L	N/A	1.00	<1.00							
cis-1,3-Dichloropropene	1010872			ug/L	N/A	1.00	<1.00							
trans-1,3-Dichloropropene	1010872			ug/L	N/A	1.00	<1.00							
Diethyl ether	1010872			ug/L	N/A	2.00	<2.00							
Ethyl acetate	1010872			ug/L	N/A	5.00	<5.00							
Ethylbenzene	1010872			ug/L	N/A	1.00	<1.00							
Ethyl methacrylate	1010872			ug/L	N/A	5.00	<5.00							
Hexachlorobutadiene	1010872			ug/L	N/A	5.00	<5.00							
n-Hexane	1010872			ug/L	N/A	5.00	<5.00							
2-Hexanone	1010872			ug/L	N/A	10.0	<10.0							
Iodomethane	1010872			ug/L	N/A	5.00	<5.00							
Isopropylbenzene (Cumene)	1010872			ug/L	N/A	1.00	<1.00							
p-Isopropyltoluene	1010872			ug/L	N/A	1.00	<1.00							
Methacrylonitrile	1010872			ug/L	N/A	5.00	<5.00							
Methyl tert-butyl ether	1010872			ug/L	N/A	1.00	<1.00							
Methylene chloride	1010872			ug/L	N/A	5.00	<5.00							
Methyl methacrylate	1010872			ug/L	N/A	5.00	<5.00							
2-Methylnaphthalene	1010872			ug/L	N/A	5.00	<5.00							
4-Methyl-2-pentanone (MIBK)	1010872			ug/L	N/A	12.5	<12.5							
Naphthalene	1010872			ug/L	N/A	5.00	<5.00							
2-Nitropropane	1010872			ug/L	N/A	5.00	<5.00							
Pentachloroethane	1010872			ug/L	N/A	5.00	<5.00							

Heartland Environmental Associates
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Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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														
Propionitrile	10I0872			ug/L	N/A	50.0	<50.0							
n-Propylbenzene	10I0872			ug/L	N/A	1.00	<1.00							
Styrene	10I0872			ug/L	N/A	1.00	<1.00							
1,1,1,2-Tetrachloroethane	10I0872			ug/L	N/A	1.00	<1.00							
1,1,2,2-Tetrachloroethane	10I0872			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	10I0872			ug/L	N/A	1.00	<1.00							
Toluene	10I0872			ug/L	N/A	1.00	<1.00							
1,2,3-Trichlorobenzene	10I0872			ug/L	N/A	5.00	<5.00							
1,2,4-Trichlorobenzene	10I0872			ug/L	N/A	5.00	<5.00							
1,1,1-Trichloroethane	10I0872			ug/L	N/A	1.00	<1.00							
1,1,2-Trichloroethane	10I0872			ug/L	N/A	1.00	<1.00							
Trichloroethene	10I0872			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	10I0872			ug/L	N/A	1.00	<1.00							
1,2,3-Trichloropropane	10I0872			ug/L	N/A	5.00	<5.00							
1,1,2-Trichlorotrifluoroethane	10I0872			ug/L	N/A	1.00	1.16							
1,2,4-Trimethylbenzene	10I0872			ug/L	N/A	1.00	<1.00							
1,3,5-Trimethylbenzene	10I0872			ug/L	N/A	1.00	<1.00							
Vinyl Acetate	10I0872			ug/L	N/A	5.00	<5.00							
Vinyl chloride	10I0872			ug/L	N/A	1.00	<1.00							
m,p-Xylene	10I0872			ug/L	N/A	2.00	<2.00							
o-Xylene	10I0872			ug/L	N/A	1.00	<1.00							
Xylenes, Total	10I0872			ug/L	N/A	2.00	<2.00							
Surrogate: 1,2-Dichloroethane-d4	*10I0872*			ug/L					*106*		*80-120*			
Surrogate: Dibromofluoromethane	*10I0872*			ug/L					*95*		*80-120*			
Surrogate: Toluene-d8	*10I0872*			ug/L					*108*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10I0872*			ug/L					*99*		*80-120*			
1,2-Dichlorobenzene	10I0913			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethane	10I0913			ug/L	N/A	1.00	<1.00							
1,2-Dichloroethane	10I0913			ug/L	N/A	1.00	<1.00							
cis-1,2-Dichloroethene	10I0913			ug/L	N/A	1.00	<1.00							
1,1-Dichloroethene	10I0913			ug/L	N/A	1.00	<1.00							
Ethylbenzene	10I0913			ug/L	N/A	1.00	<1.00							
Tetrachloroethene	10I0913			ug/L	N/A	1.00	<1.00							
Toluene	10I0913			ug/L	N/A	1.00	<1.00							
1,1,1-Trichloroethane	10I0913			ug/L	N/A	1.00	<1.00							
Trichloroethene	10I0913			ug/L	N/A	1.00	<1.00							
Trichlorofluoromethane	10I0913			ug/L	N/A	1.00	<1.00							
1,1,2-Trichlorotrifluoroethane	10I0913			ug/L	N/A	1.00	<1.00							
Vinyl chloride	10I0913			ug/L	N/A	1.00	<1.00							
Xylenes, Total	10I0913			ug/L	N/A	2.00	<2.00							
Surrogate: 1,2-Dichloroethane-d4	*10I0913*			ug/L					*111*		*80-120*			
Surrogate: Dibromofluoromethane	*10I0913*			ug/L					*99*		*80-120*			
Surrogate: Toluene-d8	*10I0913*			ug/L					*106*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*10I0913*			ug/L					*99*		*80-120*			

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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														
1,2-Dichlorobenzene	1010806		20.0	ug/L	N/A	1.00	20.2		101		78-123			
1,1-Dichloroethane	1010806		20.0	ug/L	N/A	1.00	21.7		108		79-120			
1,2-Dichloroethane	1010806		20.0	ug/L	N/A	1.00	19.6		98		75-120			
cis-1,2-Dichloroethene	1010806		20.0	ug/L	N/A	1.00	17.7		89		80-120			
1,1-Dichloroethene	1010806		20.0	ug/L	N/A	1.00	19.5		98		71-121			
Ethylbenzene	1010806		20.0	ug/L	N/A	1.00	20.2		101		79-120			
Tetrachloroethene	1010806		20.0	ug/L	N/A	1.00	18.3		92		62-128			
Toluene	1010806		20.0	ug/L	N/A	1.00	21.5		107		79-120			
1,1,1-Trichloroethane	1010806		20.0	ug/L	N/A	1.00	18.6		93		74-121			
Trichloroethene	1010806		20.0	ug/L	N/A	1.00	17.8		89		77-120			
Trichlorofluoromethane	1010806		20.0	ug/L	N/A	1.00	23.1		115		71-136			
Vinyl chloride	1010806		20.0	ug/L	N/A	1.00	22.0		110		65-126			
Surrogate: 1,2-Dichloroethane-d4	*1010806*			ug/L					*109*		*80-120*			
Surrogate: Dibromofluoromethane	*1010806*			ug/L					*97*		*80-120*			
Surrogate: Toluene-d8	*1010806*			ug/L					*107*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010806*			ug/L					*99*		*80-120*			
Benzene	1010872		20.0	ug/L	N/A	1.00	19.4		97		79-120			
Bromodichloromethane (Dichlorobromomethane)	1010872		20.0	ug/L	N/A	1.00	19.0		95		76-121			
Bromoform	1010872		20.0	ug/L	N/A	1.00	17.2		86		69-120			
Bromomethane (Methyl bromide)	1010872		20.0	ug/L	N/A	5.00	20.6		103		64-120			
Carbon tetrachloride	1010872		20.0	ug/L	N/A	1.00	19.5		98		70-129			
Chlorobenzene	1010872		20.0	ug/L	N/A	1.00	21.4		107		78-120			
Chloroethane	1010872		20.0	ug/L	N/A	5.00	22.5		112		67-120			
2-Chloroethylvinyl ether	1010872		20.0	ug/L	N/A	5.00	10.9		55		10-212			
Chloroform	1010872		20.0	ug/L	N/A	1.00	18.9		94		77-120			
Chloromethane (Methyl chloride)	1010872		20.0	ug/L	N/A	5.00	21.2		106		58-120			
Dibromochloromethane (Chlorodibromomethane)	1010872		20.0	ug/L	N/A	1.00	18.4		92		76-123			
1,2-Dichlorobenzene	1010872		20.0	ug/L	N/A	1.00	22.6		113		78-123			
1,4-Dichlorobenzene	1010872		20.0	ug/L	N/A	1.00	22.5		112		74-120			
1,3-Dichlorobenzene	1010872		20.0	ug/L	N/A	1.00	22.7		114		76-121			
1,1-Dichloroethane	1010872		20.0	ug/L	N/A	1.00	21.5		108		79-120			
1,2-Dichloroethane	1010872		20.0	ug/L	N/A	1.00	19.8		99		75-120			
cis-1,2-Dichloroethene	1010872		20.0	ug/L	N/A	1.00	18.6		93		80-120			
trans-1,2-Dichloroethene	1010872		20.0	ug/L	N/A	1.00	20.0		100		79-120			
1,1-Dichloroethene	1010872		20.0	ug/L	N/A	1.00	20.6		103		71-121			
1,2-Dichloropropane	1010872		20.0	ug/L	N/A	1.00	19.6		98		80-120			
cis-1,3-Dichloropropene	1010872		20.0	ug/L	N/A	1.00	19.6		98		80-120			
trans-1,3-Dichloropropene	1010872		20.0	ug/L	N/A	1.00	20.1		100		74-120			
Ethylbenzene	1010872		20.0	ug/L	N/A	1.00	20.6		103		79-120			
n-Hexane	1010872		20.0	ug/L	N/A	5.00	38.9		194		57-180			L1
Methylene chloride	1010872		20.0	ug/L	N/A	5.00	21.6		108		76-120			
1,1,2,2-Tetrachloroethane	1010872		20.0	ug/L	N/A	1.00	21.0		105		74-120			
Tetrachloroethene	1010872		20.0	ug/L	N/A	1.00	18.6		93		62-128			
Toluene	1010872		20.0	ug/L	N/A	1.00	21.7		109		79-120			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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														
1,1,1-Trichloroethane	1010872		20.0	ug/L	N/A	1.00	19.6		98		74-121			
1,1,2-Trichloroethane	1010872		20.0	ug/L	N/A	1.00	19.9		100		75-120			
Trichloroethene	1010872		20.0	ug/L	N/A	1.00	18.8		94		77-120			
Trichlorofluoromethane	1010872		20.0	ug/L	N/A	1.00	23.5		118		71-136			
Vinyl chloride	1010872		20.0	ug/L	N/A	1.00	23.4		117		65-126			
Surrogate: 1,2-Dichloroethane-d4	*1010872*			ug/L					*108*		*80-120*			
Surrogate: Dibromofluoromethane	*1010872*			ug/L					*97*		*80-120*			
Surrogate: Toluene-d8	*1010872*			ug/L					*107*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010872*			ug/L					*98*		*80-120*			
1,2-Dichlorobenzene	1010913		20.0	ug/L	N/A	1.00	19.8		99		78-123			
1,1-Dichloroethane	1010913		20.0	ug/L	N/A	1.00	21.4		107		79-120			
1,2-Dichloroethane	1010913		20.0	ug/L	N/A	1.00	20.3		101		75-120			
cis-1,2-Dichloroethene	1010913		20.0	ug/L	N/A	1.00	18.3		91		80-120			
1,1-Dichloroethene	1010913		20.0	ug/L	N/A	1.00	19.8		99		71-121			
Ethylbenzene	1010913		20.0	ug/L	N/A	1.00	19.6		98		79-120			
Tetrachloroethene	1010913		20.0	ug/L	N/A	1.00	18.0		90		62-128			
Toluene	1010913		20.0	ug/L	N/A	1.00	20.8		104		79-120			
1,1,1-Trichloroethane	1010913		20.0	ug/L	N/A	1.00	19.2		96		74-121			
Trichloroethene	1010913		20.0	ug/L	N/A	1.00	17.8		89		77-120			
Trichlorofluoromethane	1010913		20.0	ug/L	N/A	1.00	23.6		118		71-136			
Vinyl chloride	1010913		20.0	ug/L	N/A	1.00	22.3		112		65-126			
Surrogate: 1,2-Dichloroethane-d4	*1010913*			ug/L					*109*		*80-120*			
Surrogate: Dibromofluoromethane	*1010913*			ug/L					*98*		*80-120*			
Surrogate: Toluene-d8	*1010913*			ug/L					*104*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010913*			ug/L					*95*		*80-120*			

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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: DTI0548-06														
1,2-Dichlorobenzene	1010806	2.90	20.0	ug/L	N/A	1.00	23.5	23.9	103	105	78-123	2	25	
1,1-Dichloroethane	1010806	186	20.0	ug/L	N/A	1.00	198	197	61	51	79-120	1	25	M
1,2-Dichloroethane	1010806	1.43	20.0	ug/L	N/A	1.00	22.4	22.1	105	103	75-120	1	25	
cis-1,2-Dichloroethene	1010806	7.91	20.0	ug/L	N/A	1.00	26.6	27.4	94	97	80-120	3	25	
1,1-Dichloroethene	1010806	<1	20.0	ug/L	N/A	1.00	22.5	22.7	113	113	71-121	1	25	
Ethylbenzene	1010806	<1	20.0	ug/L	N/A	1.00	21.0	21.4	105	107	79-120	2	25	
Tetrachloroethene	1010806	6.15	20.0	ug/L	N/A	1.00	23.6	23.6	87	87	62-128	0	25	
Toluene	1010806	<1	20.0	ug/L	N/A	1.00	22.7	23.0	114	115	79-120	1	25	
1,1,1-Trichloroethane	1010806	14.2	20.0	ug/L	N/A	1.00	34.0	34.5	99	102	74-121	1	25	
Trichloroethene	1010806	15.5	20.0	ug/L	N/A	1.00	34.7	34.8	96	97	77-120	0	25	
Trichlorofluoromethane	1010806	<1	20.0	ug/L	N/A	1.00	25.0	24.9	125	125	71-136	0	25	
Vinyl chloride	1010806	5.80	20.0	ug/L	N/A	1.00	31.2	30.6	127	124	65-126	2	25	M
Surrogate: 1,2-Dichloroethane-d4	*1010806*			ug/L					*97*	*99*	*80-120*			
Surrogate: Dibromofluoromethane	*1010806*			ug/L					*96*	*99*	*80-120*			
Surrogate: Toluene-d8	*1010806*			ug/L					*99*	*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*1010806*			ug/L					*100*	*99*	*80-120*			
QC Source Sample: DTI0699-08														
Benzene	1010872	<1	20.0	ug/L	N/A	1.00	20.7	20.0	103	100	79-120	3	25	
Bromodichloromethane (Dichlorobromomethane)	1010872	<1	20.0	ug/L	N/A	1.00	18.9	19.6	95	98	76-121	4	25	
Bromoform	1010872	<1	20.0	ug/L	N/A	1.00	16.6	17.9	83	90	69-120	8	25	
Bromomethane (Methyl bromide)	1010872	<5	20.0	ug/L	N/A	5.00	14.8	16.5	74	82	64-120	11	25	
Carbon tetrachloride	1010872	<1	20.0	ug/L	N/A	1.00	20.7	19.8	103	99	70-129	4	25	
Chlorobenzene	1010872	<1	20.0	ug/L	N/A	1.00	21.1	21.7	105	109	78-120	3	25	
Chloroethane	1010872	<5	20.0	ug/L	N/A	5.00	24.8	23.1	124	116	67-120	7	25	M
2-Chloroethylvinyl ether	1010872	<5	20.0	ug/L	N/A	5.00	<5.00	<5.00			10-212		25	M
Chloroform	1010872	<1	20.0	ug/L	N/A	1.00	19.8	19.4	99	97	77-120	2	25	
Chloromethane (Methyl chloride)	1010872	<5	20.0	ug/L	N/A	5.00	21.6	20.7	108	103	58-120	5	25	
Dibromochloromethane (Chlorodibromomethane)	1010872	<1	20.0	ug/L	N/A	1.00	17.7	19.3	89	96	76-123	8	25	
1,2-Dichlorobenzene	1010872	<1	20.0	ug/L	N/A	1.00	21.7	22.3	109	111	78-123	2	25	
1,4-Dichlorobenzene	1010872	<1	20.0	ug/L	N/A	1.00	22.0	22.5	110	112	74-120	2	25	
1,3-Dichlorobenzene	1010872	<1	20.0	ug/L	N/A	1.00	22.1	22.8	111	114	76-121	3	25	
1,1-Dichloroethane	1010872	<1	20.0	ug/L	N/A	1.00	23.7	22.9	119	114	79-120	4	25	
1,2-Dichloroethane	1010872	<1	20.0	ug/L	N/A	1.00	21.2	21.2	106	106	75-120	0	25	
trans-1,2-Dichloroethene	1010872	<1	20.0	ug/L	N/A	1.00	21.7	21.1	109	105	79-120	3	25	
1,1-Dichloroethene	1010872	<1	20.0	ug/L	N/A	1.00	23.4	21.5	117	107	71-121	9	25	
1,2-Dichloropropane	1010872	<1	20.0	ug/L	N/A	1.00	20.0	20.5	100	102	80-120	2	25	
cis-1,3-Dichloropropene	1010872	<1	20.0	ug/L	N/A	1.00	19.5	19.7	97	99	80-120	1	25	
trans-1,3-Dichloropropene	1010872	<1	20.0	ug/L	N/A	1.00	19.8	20.6	99	103	74-120	4	25	
Ethylbenzene	1010872	<1	20.0	ug/L	N/A	1.00	21.2	21.5	106	108	79-120	1	25	
n-Hexane	1010872	<5	20.0	ug/L	N/A	5.00	26.8	27.6	134	138	57-180	3	25	
Methylene chloride	1010872	<5	20.0	ug/L	N/A	5.00	22.3	22.2	112	111	76-120	1	25	
1,1,2,2-Tetrachloroethane	1010872	<1	20.0	ug/L	N/A	1.00	21.2	23.1	106	115	74-120	8	25	
Tetrachloroethene	1010872	<1	20.0	ug/L	N/A	1.00	19.0	18.0	95	90	62-128	5	25	
Toluene	1010872	<1	20.0	ug/L	N/A	1.00	22.8	22.4	114	112	79-120	2	25	
1,1,1-Trichloroethane	1010872	<1	20.0	ug/L	N/A	1.00	21.4	20.6	107	103	74-121	4	25	

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339 W. Walton Blvd Pontiac, MI 48340 (800) 526-4951

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

Work Order: DTI0548
Project: Accra Pac
Project Number: 1092-10-01

Received: 09/15/10
Reported: 10/01/10 14:23

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: DTI0699-08														
1,1,2-Trichloroethane	10I0872	<1	20.0	ug/L	N/A	1.00	20.5	21.6	102	108	75-120	5	25	
Trichloroethene	10I0872	<1	20.0	ug/L	N/A	1.00	19.6	19.3	98	97	77-120	1	25	
Trichlorofluoromethane	10I0872	<1	20.0	ug/L	N/A	1.00	26.5	25.2	132	126	71-136	5	25	
Vinyl chloride	10I0872	<1	20.0	ug/L	N/A	1.00	25.3	24.2	127	121	65-126	5	25	M
QC Source Sample: DTI0548-05RE1														
1,2-Dichlorobenzene	10I0913	<500	1000	ug/L	N/A	50.0	491	938	49	94	78-123	63	25	M
1,1-Dichloroethane	10I0913	<500	1000	ug/L	N/A	50.0	612	960	61	96	79-120	44	25	M
1,2-Dichloroethane	10I0913	<500	1000	ug/L	N/A	50.0	702	927	70	93	75-120	28	25	M
cis-1,2-Dichloroethene	10I0913	<500	1000	ug/L	N/A	50.0	539	854	54	85	80-120	45	25	M
1,1-Dichloroethene	10I0913	<500	1000	ug/L	N/A	50.0	516	912	52	91	71-121	55	25	M
Ethylbenzene	10I0913	830	1000	ug/L	N/A	50.0	463	892	-37	6	79-120	63	25	M
Tetrachloroethene	10I0913	<500	1000	ug/L	N/A	50.0	380	788	38	79	62-128	70	25	M
Toluene	10I0913	<500	1000	ug/L	N/A	50.0	528	950	53	95	79-120	57	25	M
1,1,1-Trichloroethane	10I0913	<500	1000	ug/L	N/A	50.0	502	884	50	88	74-121	55	25	M
Trichloroethene	10I0913	<500	1000	ug/L	N/A	50.0	472	815	47	82	77-120	53	25	M
Trichlorofluoromethane	10I0913	<500	1000	ug/L	N/A	50.0	588	1050	59	105	71-136	57	25	M
Vinyl chloride	10I0913	<500	1000	ug/L	N/A	50.0	578	1020	58	102	65-126	55	25	M
Surrogate: 1,2-Dichloroethane-d4	*10I0913*			ug/L					*111*	*109*	*80-120*			
Surrogate: Dibromofluoromethane	*10I0913*			ug/L					*98*	*98*	*80-120*			
Surrogate: Toluene-d8	*10I0913*			ug/L					*106*	*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10I0913*			ug/L					*97*	*101*	*80-120*			

Heartland Environmental Associates	Work Order:	DTI0548		Received:	09/15/10
3410 Mishawaka Ave.	Project:	Accra Pac		Reported:	10/01/10 14:23
South Bend, IN 46615	Project Number:	1092-10-01			
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

B	Analyte was detected in the associated Method Blank.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M	The MS, MSD, and/or RPD are outside of acceptance limits due to matrix interference. Please see Blank Spike (LCS).

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

DTI0548

CHAIN OF CUSTODY RECORD

Heartland PROJECT NO.	Heartland CLIENT / PROJECT:
1092 – 10-01	APG (Accra Pac) Groundwater Monitoring

SAMPLERS: (Print Name & Sign)
J.C. Spoerleder / J.C. Spoerleder
David Nye / David Nye

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	9-14-10	12:40 pm	x			x		3	3										1				
MW-7	9-14-10	13:00 pm	x			x		3	3										1				
MW-10B	9-14-10	14:20 pm	x			x		3	3										1				
MW-14	9-14-10	14:05 pm	x			x		3	3										1				
MW-15	9-14-10	15:10 pm	x			x		3	3										1				
FD+MS/DMS	9-14-10	13:05 pm	x			x		9	9										1				
TRIP BLANK	9-14-10	Prep by Lab.	x			x		2	2										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. Spoerleder / David Nye	9/14/10	16:45 pm					
Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by: TA 9/15/10 1200

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

MODE OF TRANSPORTATION / SHIPMENT

Heartland Vehicle: Ford Van

Public:

COMMENTS:

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

TestAmerica

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Cooler/Sample Receipt

☐ MSDS or Known Hazard Information Supplied by Client
☐ Bottle stickers applied ☐ ELEMENT comment entered ☐ MSDS/COC scanned/emailed to EH&S
☐ Discrepancies Client ID Heartland
☐ Short Hold Work Order # DTI0548
☐ Rush ☐24hr ☐2day ☐3day ☐5day ☐other
Receipt evaluation performed by - Initials: TSD Date: 9/15/10 Time: 1230

Method of Shipment:
☐ Walk-In Client
☐ TestAmerica Field/Courier
☐ Other Client/3rd Party Courier
☒ Fed Ex Tracking # 8608 5348 5221
☐ UPS Tracking #
☐ DHL Tracking #
☐ Other

Are there any soil samples from areas requiring USDA quarantine? *(AL, AR, AZ, CA, FL, GA, HI, ID, LA MS, NC, NM, NY, OK, SC, TN, TX, VA, Puerto Rico, Virgin Islands, any other Non-Domestic area)*
☒ No ☐ Yes (If Yes, *Project Manager must be notified*).

Shipping Container Type:
☒ Cooler
☐ Box
☐ None
☐ Other

Packing Materials:
☒ Plastic Bags
☒ Bubble Wrap
☐ Foam
☐ Paper
☐ Packing Peanuts
☐ Vermiculite
☐ None
☐ Other

Custody Seals Intact:
☒ Yes
☐ No
☐ N/A (not used or required)

Cooling Materials:
☒ Ice *(solid)*
☐ Ice *(Melted)*
☐ Blue Ice
☐ Dry Ice
☐ None
☐ Other

Receipt Temperatures **Check if Additional Sheets Required** ☐

Thermometer ID	Observed (°C)	Corrected (°C)	Acceptable*	Direct from Field	Cooler ID	Note Affected Samples if temperature not acceptable
MPlus	0.5	0.4	☒Yes ☐No	☐Yes ☒No		
			☐Yes ☐No	☐Yes ☐No		
			☐Yes ☐No	☐Yes ☐No		

* Samples out of temperature, but received directly from the field with signs that the cooling process had started are considered acceptable.

Receipt Questions**	Y	N	n/a	"No" answers require additional comment
COC present & TA receipt signature, date, & time properly documented?	✓			
Containers & labels in good condition? *(unbroken, not leaking, appropriately filled, labels legible & attached)*	✓			
Appropriate containers used & adequate volume provided?	✓			
Correct preservation on the COC?	✓			
Number of sample containers match COC?	✓			
Samples received within hold time?	✓			
Samples submitted for GRO and Volatiles analyses (8260, 624, 524) received without headspace?	✓			
Was a Trip Blank received with VOA samples?	✓			
Were the samples free of any questionable physical conformities? For example, field duplicates or multiple bottles of the same sample do not significantly vary in appearance (color, proportion of solids, etc.)	✓			
Were the COC, bottle labels, and all other items free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	✓			

** May not be applicable if samples are not for compliance testing

Client Contact Record
Contact via: ☐ Phone ☐ Email ☐ Other **Person Contacted:** **Date/Time:**
☐ Discrepancy allowance agreement is on record in the client project file.
Discussion/Resolution:

Any additional documentation and clarification from client must be noted in the narrative and/or scanned into the COC directory.

[signature] 9/17/10 1001

Reviewed by PM Signature Date Page of

WI No. DT-SCA-WI-001.8

APPENDIX C

FIELD SAMPLING FORMS

Sheet 1 of 1

Project: KIK-Accra Pac/Warner Baker Compliance Monitoring

Project No: 1092 - 10-01 Date: 9-14-10

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	(All on 9-14-10) Date & Time of Check	TOC (1) to SWL (2) (feet)	TOC Elev. (3) (feet)	SWL Elev. (feet)	Comments
MW-1	9:09 AM	11.32	755.75	744.43	
MW-3	10:25 AM	12.24	756.41	744.17	
MW-4	10:32 AM	11.93	756.115	744.19	
MW-5	09:15 AM	7.36	751.74	744.38	
MW-5B	09:17 AM	7.18	751.54	744.36	
MW-6	09:12 AM	6.53	750.94	744.41	
MW-7	09:55 AM	11.93	756.015	744.085	
MW-8	09:14 AM	7.62	752.02	744.40	
MW-9	09:43 AM	11.35	755.66	744.31	root fragments on tip.
MW-10	10:04 AM	12.0*	756.815	Dry @ 744.82*	* bottom of well roots on tip.
MW-10B	10:05 AM	9.77	753.835	744.07	
MW-11	10:51 AM	9.13	753.53	744.40	some roots on tip.
MW-12	09:30 AM	9.00	753.145	744.15	
MW-13	09:27 AM	6.69	750.915	744.23	
MW-14	10:58 AM	12.21	756.47	744.26	
MW-15	10:59 AM	11.47	755.75	744.28	

Notes:

1) TOC = Top of Well Casing.
2) SWL = Static Water Level.
3) Elev. = Elevation in feet (N.G.V.D.).
4) The system was turned off 9-13-10 @ 6:15 AM (more than 24 hours prior to the SWL checks.) JCS

MONITORING WELL SAMPLING FORM

Well I.D.: MW-4
Sample I.D.: MW-4
Collector(s): David Nye
Lab No.: DTI 0548-01

Sample Date: 9/14/10 12:40 am / (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 10-01
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: 11.91 Ft 11.91 JCS
Well Depth from TOC: 20.46 Ft
Height of Water Column: 8.55 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 1.39 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈ 754.12 Ft
SWL Elevation: 744.21 Ft
TOC to Grade: ≈ 2.0 Ft
Well Depth from Grade: ≈ 18.46 Ft

PURGE

Time & Date Purged: 12:30 am / (pm) 9/14/10
Calculated Volume to Purge: 4.2 Gallons
Actual Volume Purged: 4.5 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: 12:40 am / (pm) 9/14/10
Weather Conditions: Sky: Sunny Ground: Dry Wind: >5 mph
Temp: 77°F Humidity: High / Moderate / (Low %) Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.78 Ft 11.68 JCS
Height of Water Column Prior to Sampling: 8.68 Ft 8.68 JCS
Recovery to 102 ~~98.5~~ % 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 collect 9-14-10 @ 13:05 pm

Sample Date: 9/14/10 13:00 am / pm
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 10-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

Well I.D.: MW-7
Sample I.D.: MW-7 / FD+MS/DMS
Collector(s): J.C. Sparkler
Lab No.: DTI 0548-02 / DTI 0548-06
MW-7 ↗ ↖ FD+MS/DMS

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 756.015* Ft
SWL Depth from TOC: 11.92 Ft
Well Depth from TOC: 42.15 Ft
Height of Water Column: 30.23 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 4.9 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈754.02 Ft
SWL Elevation: 744.095 Ft
TOC to Grade: ≈2.0 Ft
Well Depth from Grade: ≈40.15 Ft

PURGE

Time & Date Purged: 12:15 am / pm 9/14/10
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: 13:00 am / pm 9/14/10
Weather Conditions: Sky: Clear Ground: Dry Wind: 0-5 mph west
Temp: ≈75 °F Humidity: High / Moderate / Low %: — Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.92 Ft
Height of Water Column Prior to Sampling: 30.23 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 / —)

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) collected from well MW-7 at 13:05 pm 9-14-10.

MONITORING WELL SAMPLING FORM

Sample Date: 9 / 14 / 10 14 :20 am / (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 10-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

Well I.D.: **MW-10B**
Sample I.D.: **MW-10B**
Collector(s): J.C. Spockeder
Lab No.: DTI0548-03

PRE-PURGE

Well Material: ((PVC) / Stainless / Galvanized / ----)
Elevation top of Casing (TOC): 753.835 * Ft
SWL Depth from TOC: 9.78 Ft
Well Depth from TOC: 54.20 Ft
Height of Water Column: 44.42 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: ≈7.25 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ~~744.06~~ ≈754.14 (GS) Ft
SWL Elevation: ~~≈754.14~~ 744.06 Ft (GS)
TOC to Grade: ≈-0.3 Flush Ft
Well Depth from Grade: ≈54.5 Ft

PURGE

Time & Date Purged: 13 :41 am / (pm) 9 / 14 / 10
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: 14:20 am / (pm) 9 / 14 / 10
Weather Conditions: Sky: Clear Ground: Dry Wind: 0-5 mph West
Temp: ≈75 °F Humidity: High / (Moderate) / Low %: – Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 9.80 Ft
Height of Water Column Prior to Sampling: 44.40 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 / —)

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

Sample Date: 9 / 14 / 10 14:05 am / pm
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 10-01
Location: 2626 Industrial Parkway, Elkhart, Indiana
Laboratory: TestAmerica, Inc.

Well I.D.: MW-14
Sample I.D.: MW-14
Collector(s): Dave Nye
Lab No.: DTI0548-04

PRE-PURGE

Well Material: (PVC / Stainless / Galvanized / -----)
Elevation top of Casing (TOC): 756.47 * Ft
SWL Depth from TOC: 12.18 Ft
Well Depth from TOC: 49.12 Ft
Height of Water Column: 36.94 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 6.03 Gallons

Inside Diameter: 2 Inches
Grade Elevation ≈ ~~744.29~~ 754.17 Ft (JCS)
SWL Elevation: ~~≈754.17~~ 744.29 Ft (JCS)
TOC to Grade: ≈23 Ft
Well Depth from Grade: ≈46.82 Ft

PURGE

Time & Date Purged: 13:22 am / pm 9 / 14 / 10
Calculated Volume to Purge: 18.0 Gallons
Actual Volume Purged: 18.0 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: 14:05 am / pm 9 / 14 / 10
Weather Conditions: Sky: Sunny Ground: Dry Wind: <5 mph
Temp: 77°F Humidity: High / Moderate / Low %: / — Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 12.21 Ft
Height of Water Column Prior to Sampling: 36.91 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 / ____)

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): J.C. Sporleder & Dave Nye
Lab No.: DT I 0548-06

Sample Date: 9 / 14 / 10 15:10 am / (pm)
Client: APG (Accra Pac Group) (1092)
Project No.: 1092 -- 10-01
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: 11.47 Ft
Well Depth from TOC: 47.65 Ft
Height of Water Column: 36.18 Ft
Volume/Foot Casing (d^2x0.04079): 0.1632 Gal / Ft
Volume of Water Column: 5.9 Gallons

Inside Diameter: 2 Inches
Grade Elevation: ≈753.39 Ft
SWL Elevation: 744.28 Ft
TOC to Grade: ≈2.4 Ft
Well Depth from Grade: ≈45.25 Ft

PURGE

Time & Date Purged: 14:40 am / (pm) 9 / 14 / 10
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: 15:10 am / (pm) 9 / 14 / 10
Weather Conditions: Sky: Clear Ground: dry Wind: 0-5 mph West
Temp: ≈75°F Humidity: High / (Moderate) / Low %: — Precipitation: None
SWL (Depth From TOC) Prior to Sampling: 11.54 Ft
Height of Water Column Prior to Sampling: ~~36.10~~ Ft 36.11 JCS
Recovery to ≈99.8 % 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

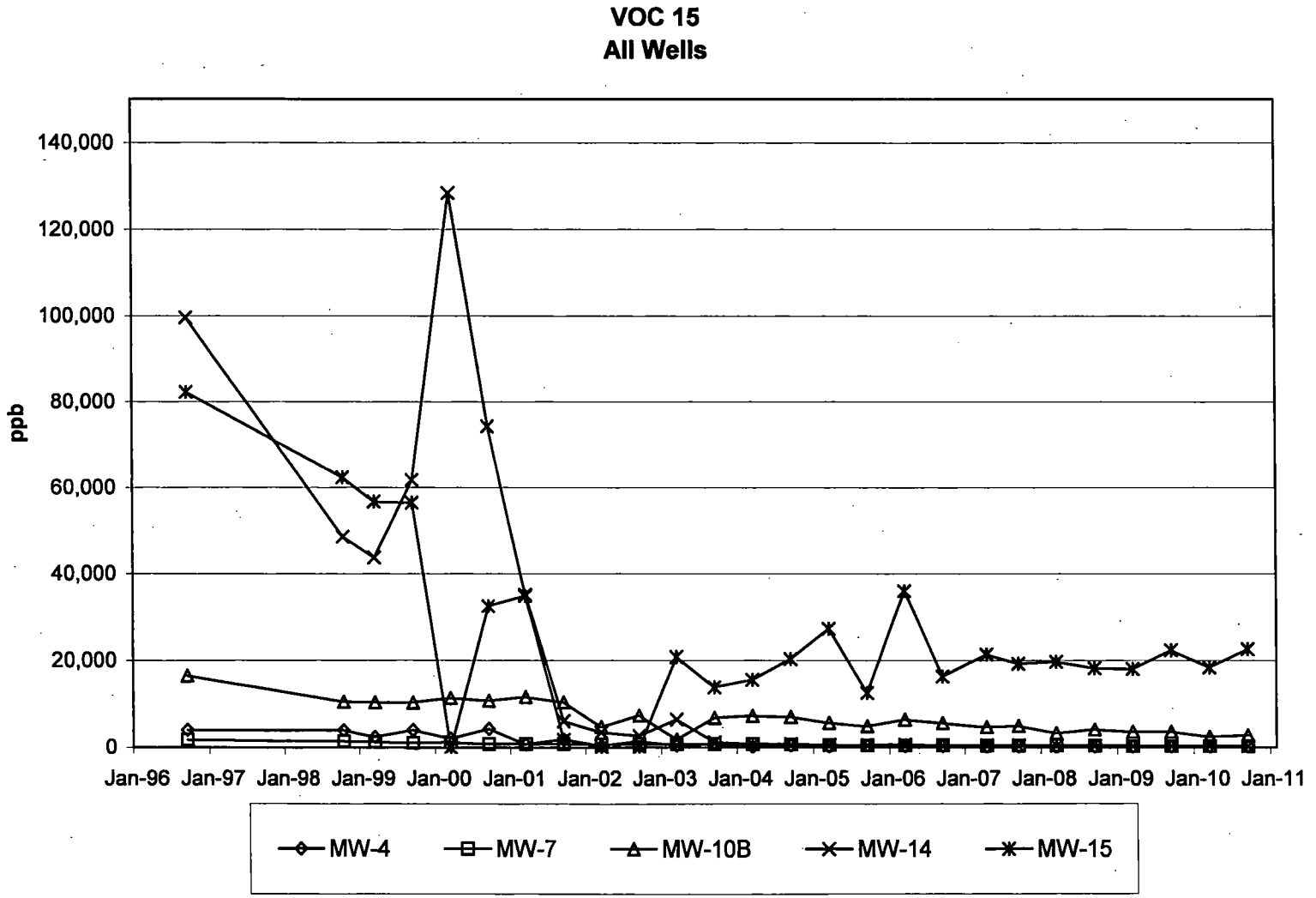
Notes: * TOC elevation data per EIS Survey of 9-25-96.

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

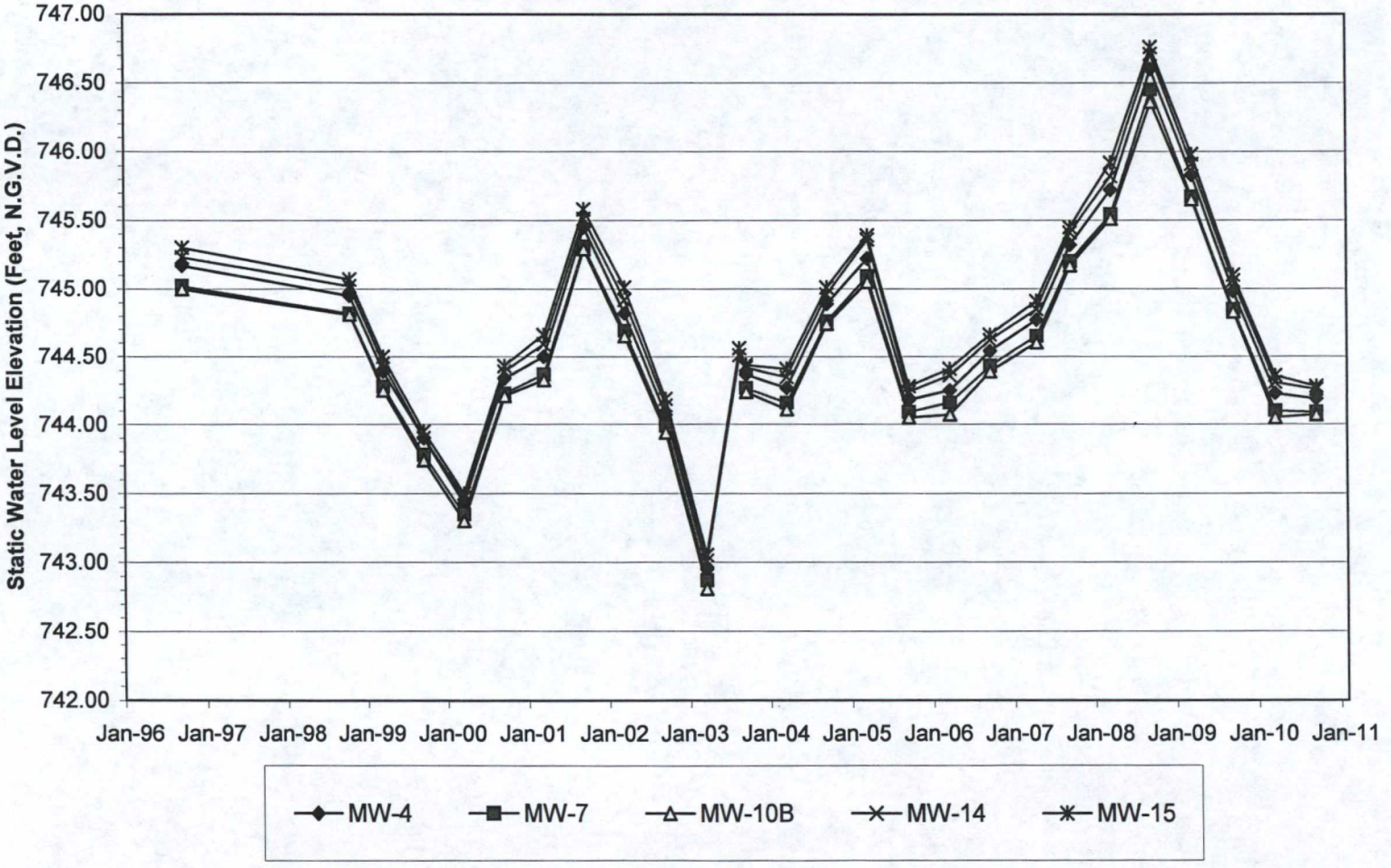


10/1/2010

1092-10-01 SEPT 2010 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

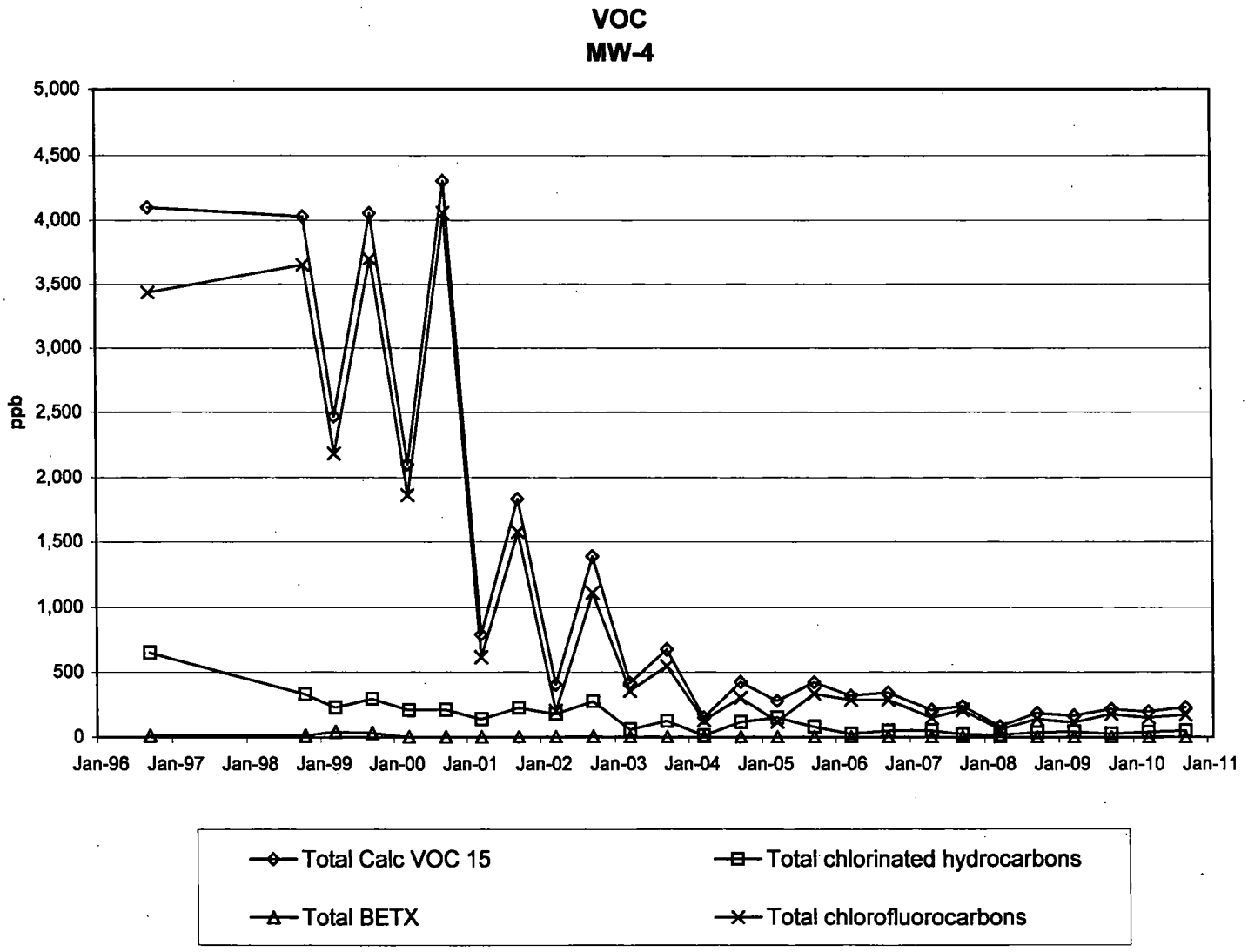
Static Water Level Elevation
All Wells



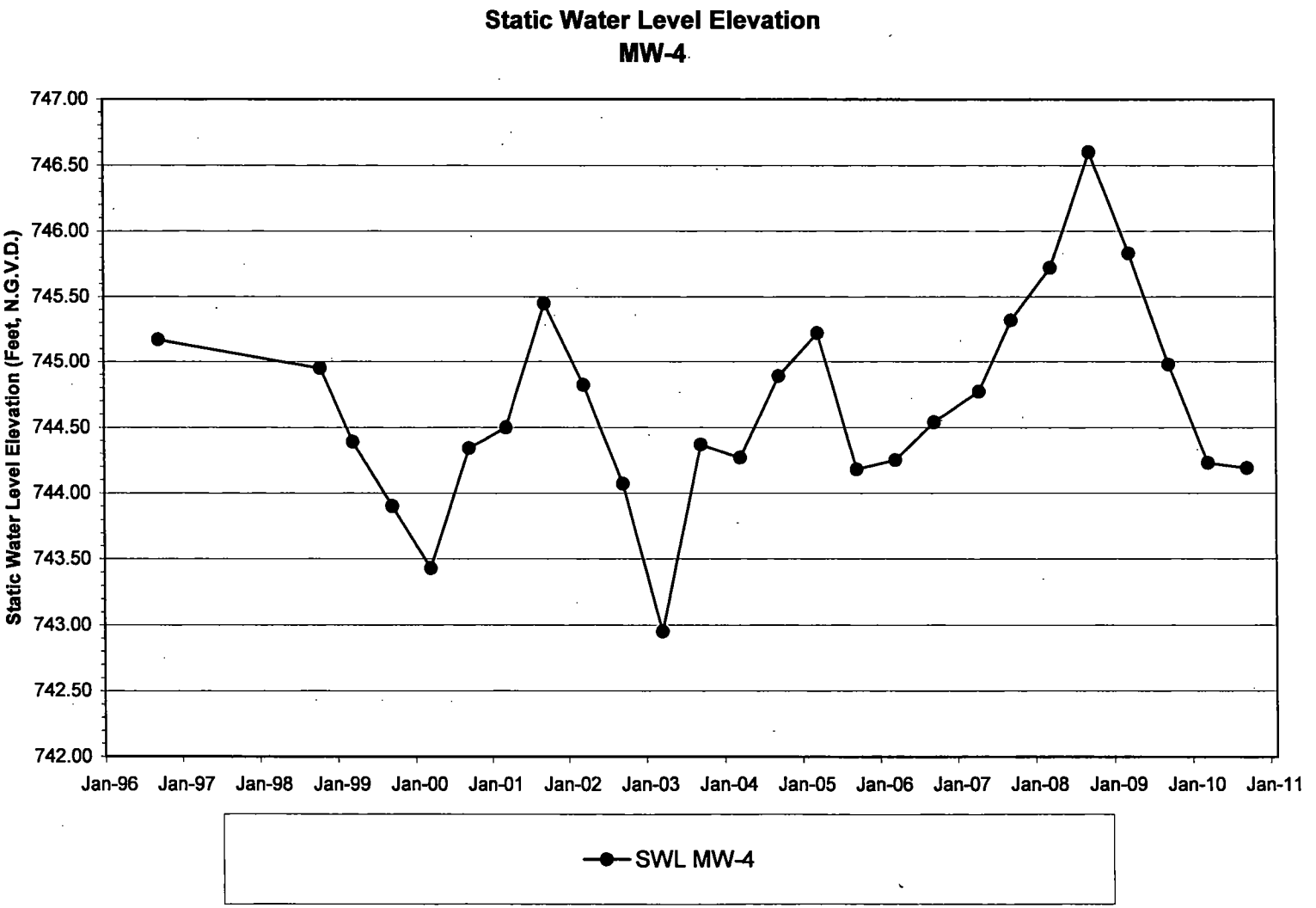
10/1/2010

1092-10-01 SEPT 2010 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

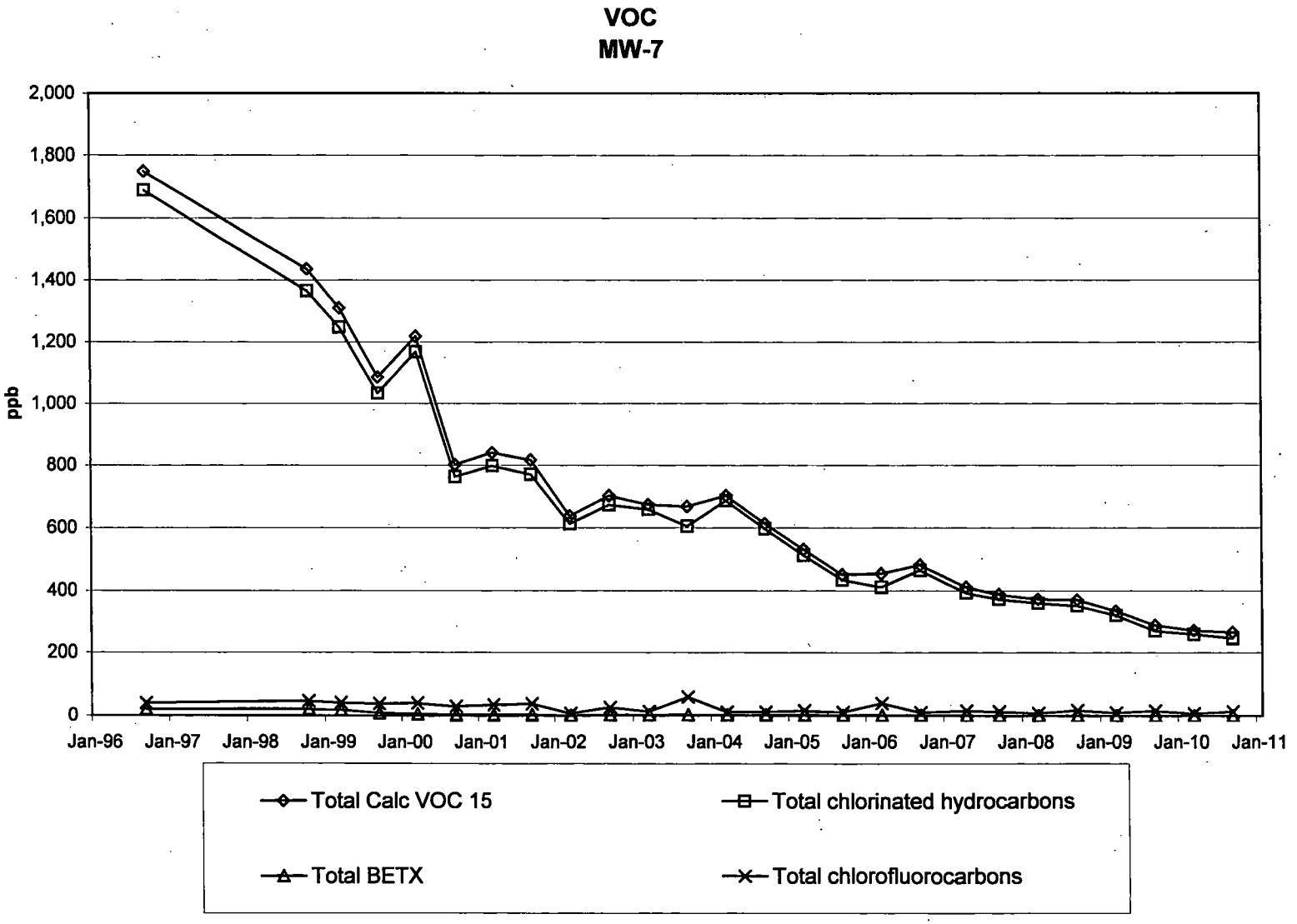


Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

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	3/16/2009	9/14/2009
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-Dichloroethane	580	220	120	190	170	180	110	170	160	211	48.9	86.6	6.8	102	145	57.7	19.6	36	46.7	16.1	14.4	30.2	37.6	20.9	32.9	42.3
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-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
c-1,2-Dichloroethene	6.6	7.4	22	6	<5	<5	18	18	<5	5.7	<1	1.7	<1	2.1	<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
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
Tetrachloroethene	7.6	15	8.2	11	7.4	<5	<5	5.6	<5	5.1	2.3	4.3	1.5	3.0	1.4	4.0	1.5	2.05	1.46	1.74	<1	1.44	1.16	1.74	1.55	1.63
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-Trichloroethane	36	66	46	74	20	29	9.7	28	9.2	36.9	7.8	23.2	3.8	9.4	5.6	15.9	4.8	9.81	4.41	5.12	1.89	5.55	3.90	4.89	3.92	5.06
Trichloroethene	6.4	13	12	7.1	5	<5	<5	5	<5	2.6	<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	1.6	<1	3.3	<1	2.19	<1	<1	<1	1.14	<1	<1	1.14	1.01
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
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
Xylenes	13	14	32	26	<10	<10	<10	<10	<5	1.9	<1	<1	<1	<1	<2	<2	<2	<3	<2	<2	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	4099.1	4030.2	2470.1	4054.9	2103.8	4308	791.2	1832	403.8	1389.2	419.2	675.7	149.6	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
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
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
Total chlorofluorocarbons	3433	3660	2184	3706	1863	4057	616	1575	200	1110.2	355	548.1	130	301.6	119	335.3	288	286.2	150.5	209.3	59.4	141.1	115	180	151.10	172.00
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	744.16	744.25	744.54	744.77	745.32	745.72	745.60	745.83	744.98	744.23	744.19

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.

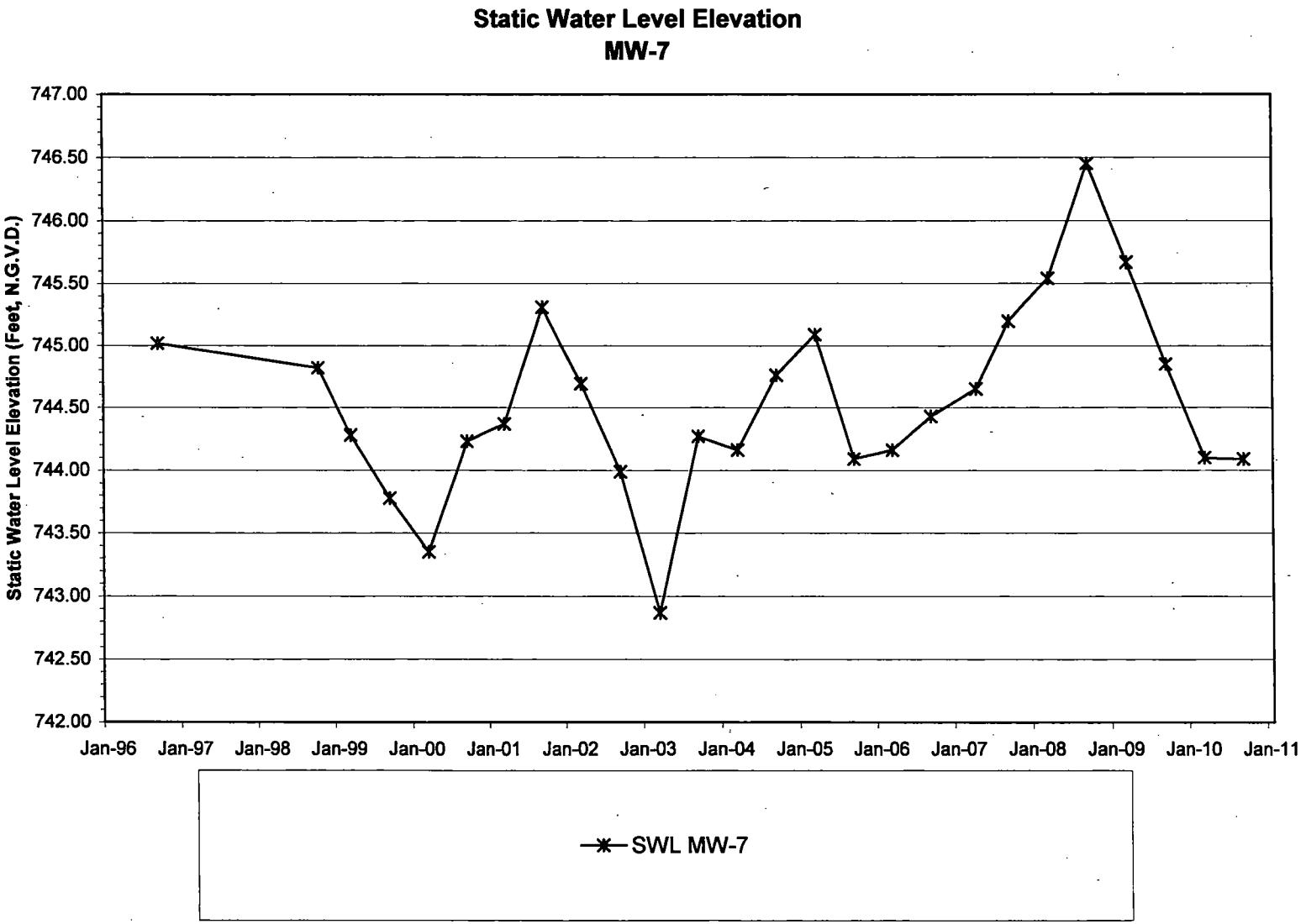
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/12/2010

1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-7 (VOC)
Prepared by Heartland Environmental Associates, Inc.

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



10/1/2010

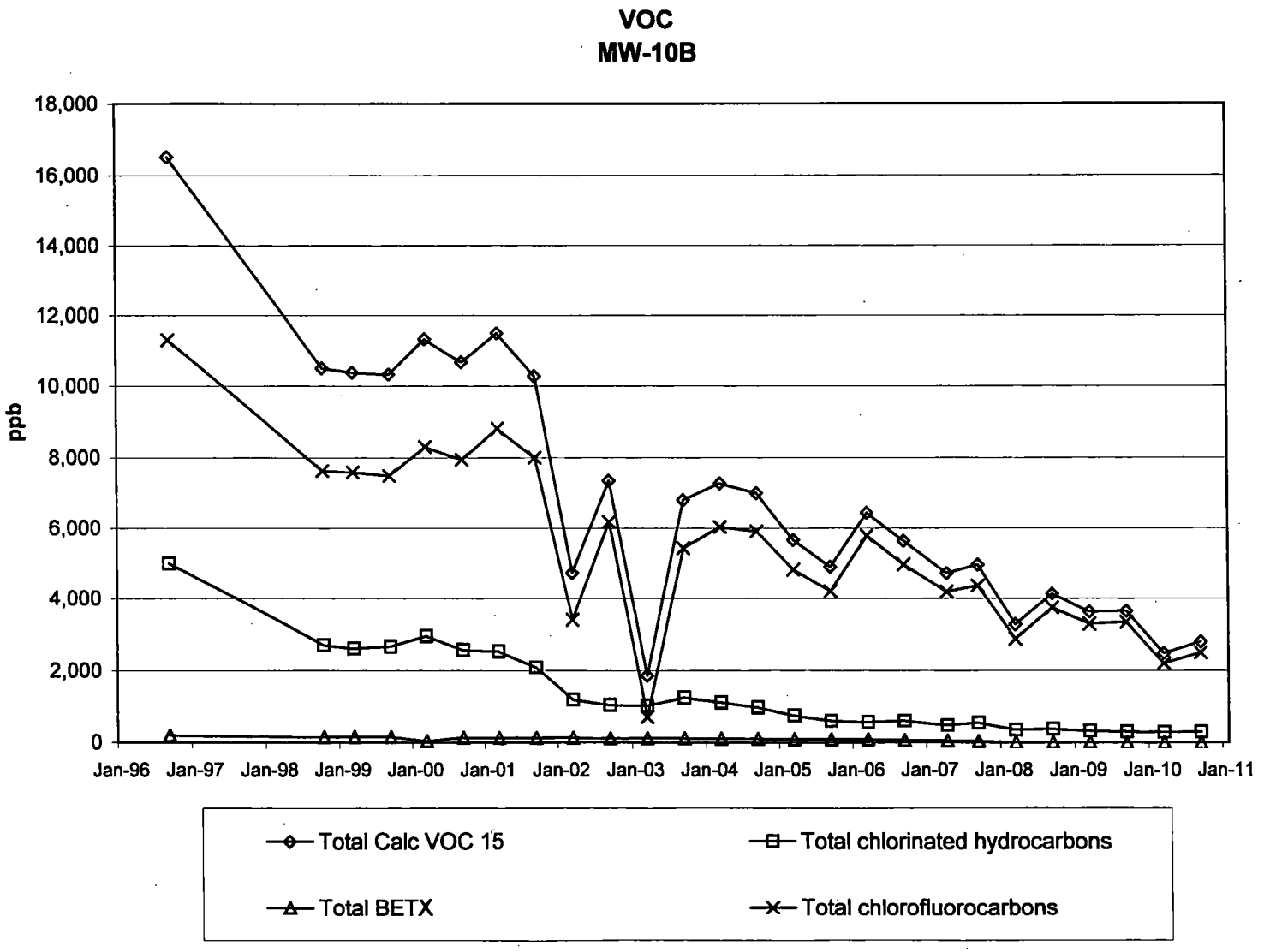
1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-7 (SWL)
Prepared by Heartland Environmental Associates, Inc.

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

MW-7	9/30/1996	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
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
1,1-Dichloroethane	1020	1030	940	810	910	550	570	540	430	491	512	452	535	460	398	329	303	370	293	272	273	270	244	205	197	191
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	2.8	2.3	1.8	<1	1.75	1.38	2.03	2.77	2.36	2.17	1.32	1.43
1,1-Dichloroethene	24	9.2	9.1	6.9	8.7	6.8	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
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
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
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
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	4.6	4.0	5.3	4.46	5.31	5.16	5.58	5.53	6.84	5.19	8.34	6.15
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-Trichloroethane	440	200	180	130	160	130	120	140	110	103	77	76	71.7	64.0	54.9	47.8	41.5	36.4	37.4	33.2	28.5	26.3	23.7	18.9	15.9	14.2
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	18.8	17.7	20.2	16.2	16.8	18.8	18.3	16.4	15.5
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
1,1,2-Trichlorotrifluoroethane	40	19	16	18	17	15	14	23	6.7	13.6	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
Vinyl chloride	50	44	37	20	16	14	18	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	5.66	6.05	5.80
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
Total Calc VOC 15	1750.6	1436.3	1309.9	1088	1217.7	801.7	840.7	817	637.4	702.7	674.7	668.3	703.3	613.7	530.7	450.2	453.6	480.3	411.41	387.62	372.48	370.45	333.59	286.54	269.93	263.29
Total chlorinated hydrocarbons	1689.2	1365.9	1247	1033.6	1169	763.2	798.6	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
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
Total chlorofluorocarbons	40	47	42	39	40	30	34	38	6.7	25.8	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
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	744.65	744.10	744.09

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.

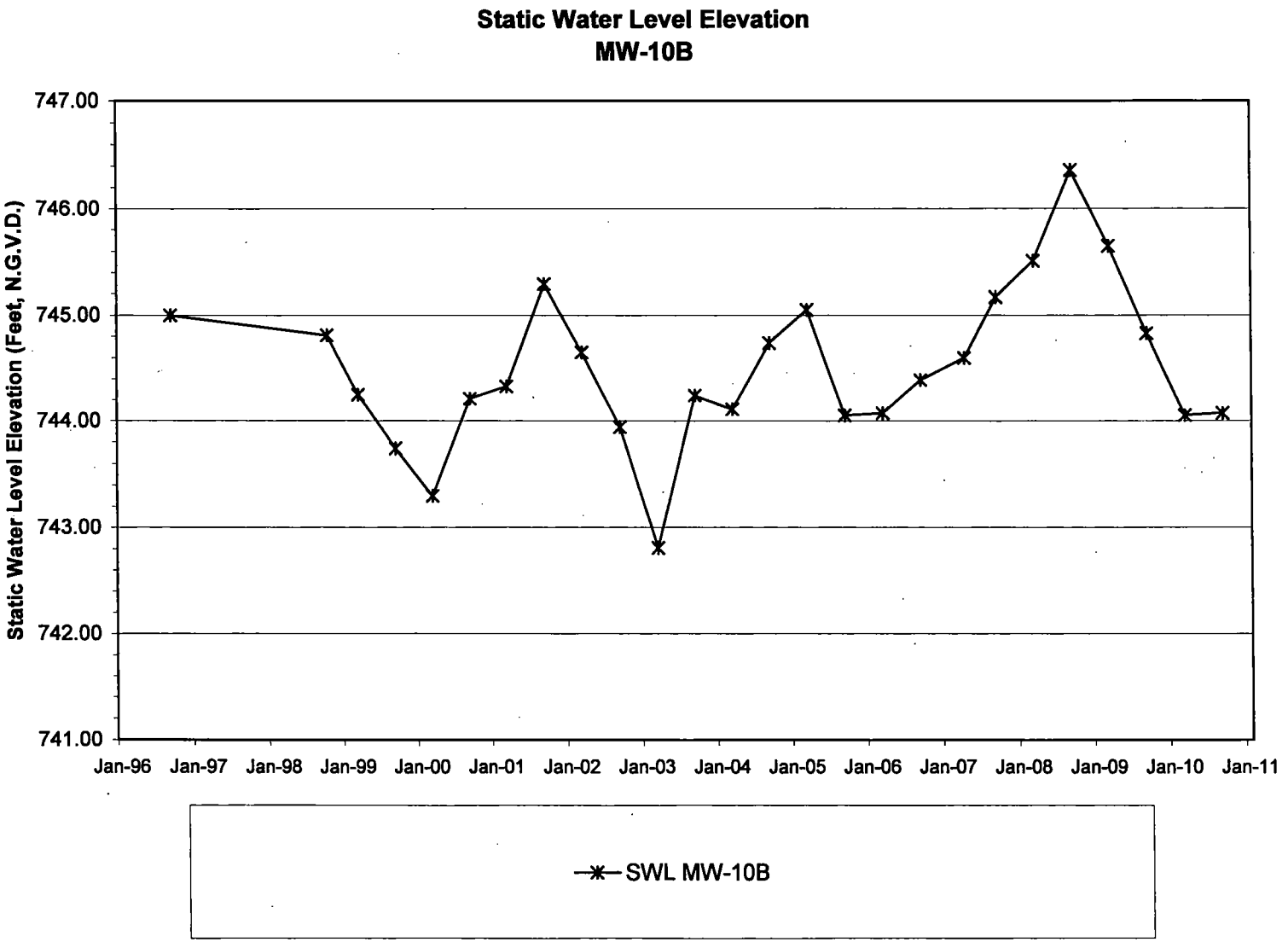
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/1/2010

1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-10B (VOC)
Prepared by Heartland Environmental Associates, Inc.

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



10/1/2010

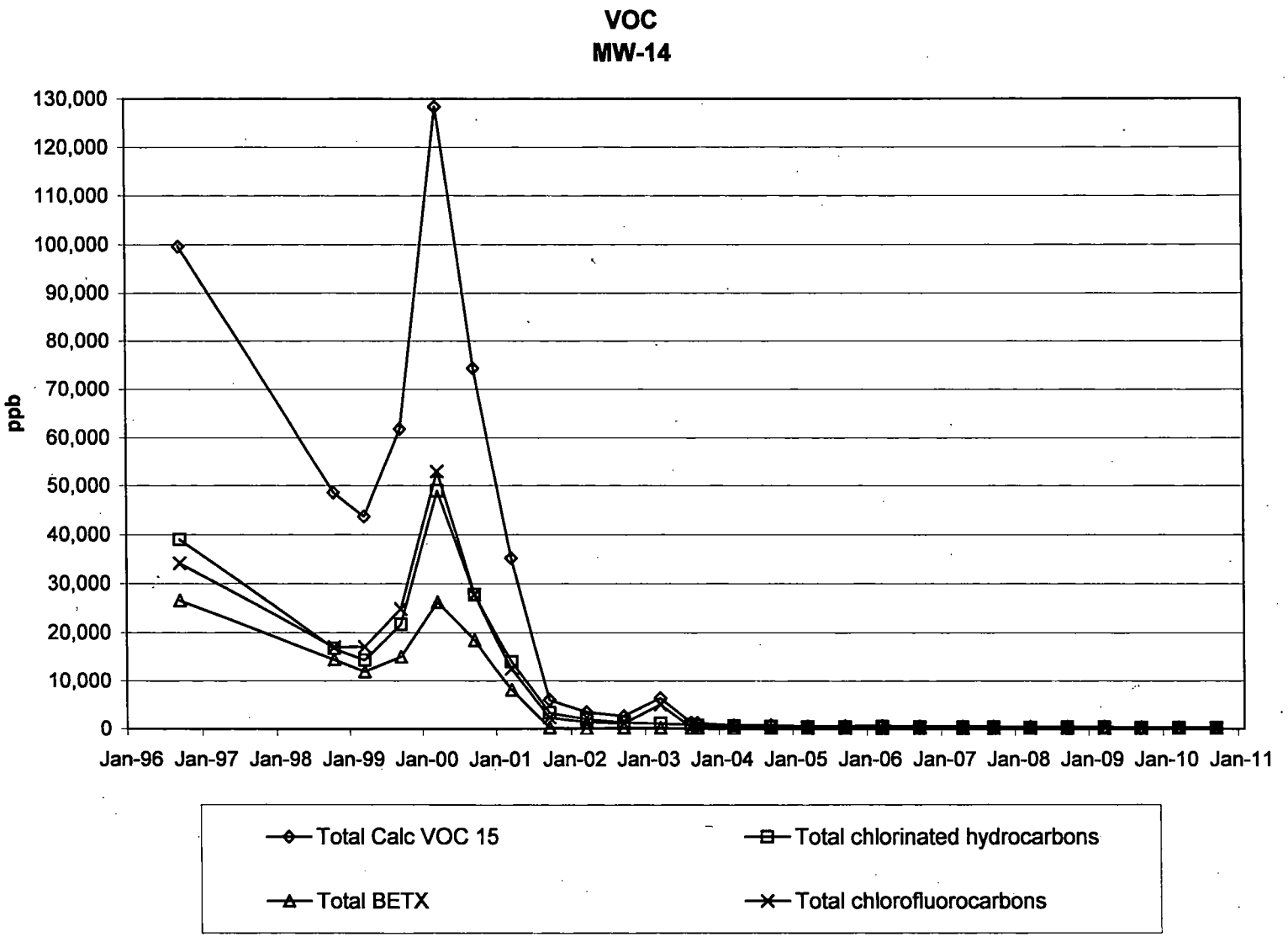
1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-10B (SWL)
Prepared by Heartland Environmental Associates, Inc.

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	9/16/2008	3/17/2009	9/15/2009	3/16/2010	9/14/2010
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-Dichloroethane	2460	1470	1430	1540	1740	1550	1570	1100	590	511	538	710	663	585	393	298	275	335	286	302	174	199	153	134	133	152
1,2-Dichloroethane	15	10	12	10	11	10	11	<10	6.3	<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-Dichloroethene	84	39	43	42	45	38	48	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
c-1,2-Dichloroethene	44	38	32	31	30	24	29	28	15	13.4	13.7	14.4	13.3	13.3	9.8	8.2	7.1	8.05	8.79	6.33	<5	2.97	3.02	2.49	2.58	2.21
Dichlorofluoromethane	<1	180	550	470	800	800	620	<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
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
Tetrachloroethene	440	280	290	350	370	320	320	390	250	223	219	248	201	218	203	183	186	167	152	184	145	137	140	135	132	122
Toluene	<1	<10	<10	10	11	<10	<10	<10	5	<5	4	3.6	3.3	2.8	2.6	2.0	2.1	1.35	1.02	<1	<5	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	1940	870	810	700	760	840	560	547	310	255	220	221	182	145	112	87.7	82.3	61.5	45.7	44.0	34.2	33.3	26.5	20.8	18.7	15.5
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	3.46	3.58	2.77	2.47
Trichlorofluoromethane	810	170	200	160	190	130	120	<20	39	33.6	21.6	26.6	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
1,1,2-Trichlorotrifluoroethane	10500	7270	6830	6830	7310	7010	8070	8000	3300	5970	677	5150	6010	5810	4760	4200	5690	4960	4100	4340	2680	3720	3270	3320	2180	2490
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
Xylenes	160	120	120	110	<20	100	100	88	100	85.8	90.8	89.7	82.4	74.4	61.0	66.1	61.7	43.7	33.0	25.9	<10	3.90	<2	<2	<2	<2
Total Calc VOC 15	16512	10507	10380	10329	11333	10877	11505	10283	4732.4	7329.6	1856.4	6789.7	7259.2	6979.9	5658.1	4901.1	6434	5636.6	4722.19	4961.54	3280.9	4134.05	3831.01	3649.42	2498.26	2810.10
Total chlorinated hydrocarbons	5001	2708	2617	2673	2956	2580	2538	2091	1191.4	1042.6	1025.5	1245.9	1117.1	971.8	748.4	601.8	585.4	601.15	479.42	551.83	353.2	378.99	325.98	301.41	289.05	294.18
Total BETX	199	149	153	151	42	132	127	122	130	109.4	118.8	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
Total chlorofluorocarbons	11310	7820	7580	7480	8300	7940	8810	8000	3406	6177.8	715.6	5425.6	6031.6	5909.1	4825.7	4211.1	5785.6	4970.1	4193.25	4369.61	2885.7	3743.61	3297.39	3341.78	2203.21	2511.92
Static Water Level Elevation (Ft)	745	744.81	744.25	743.74	743.3	744.21	744.33	745.29	744.65	743.94	742.81	744.24	744.11	744.74	745.05	744.05	744.07	744.39	744.60	745.17	745.51	746.36	745.65	744.83	744.05	744.07

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.

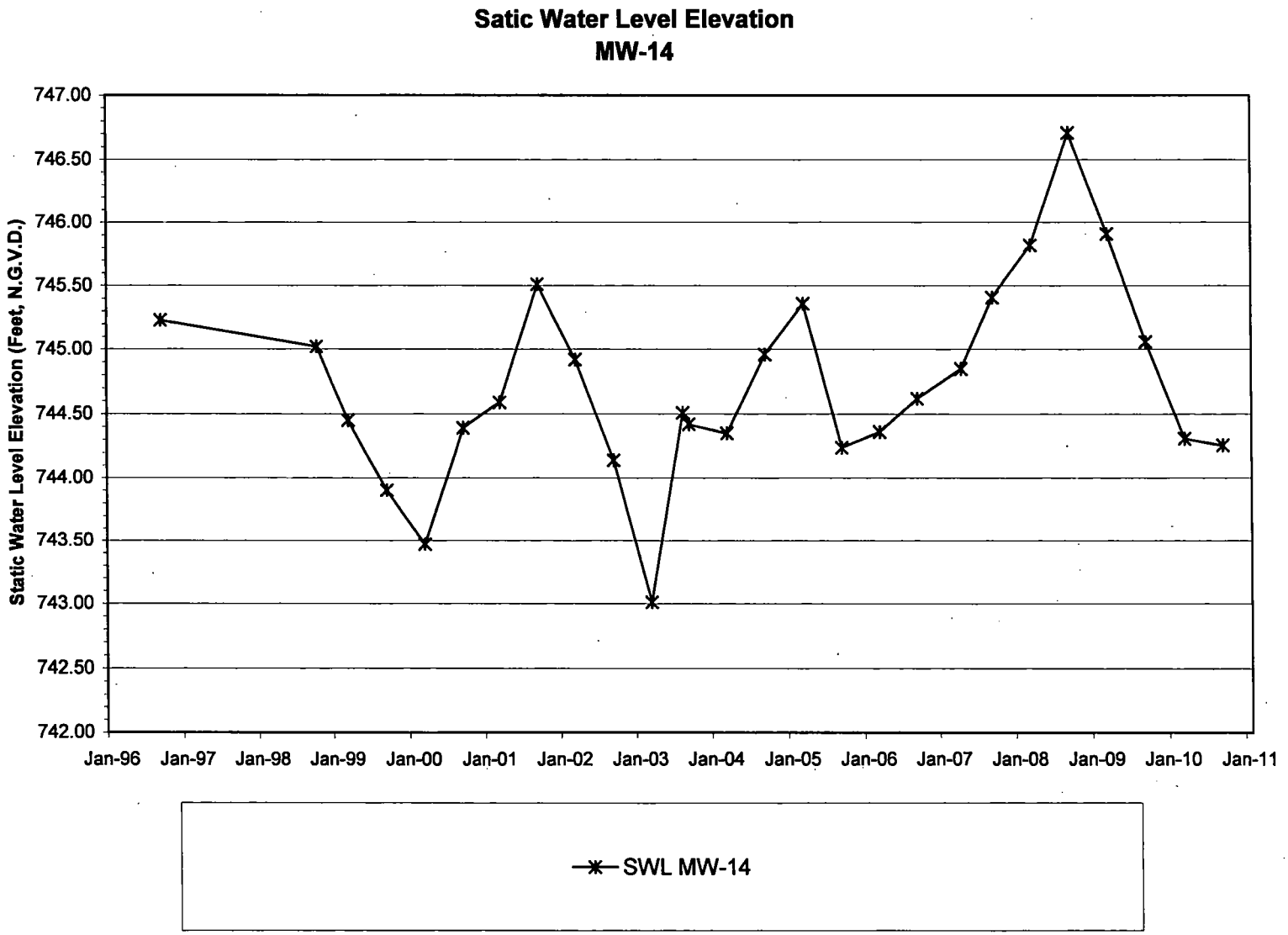
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/1/2010

1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-14 (VOC)
Prepared by Heartland Environmental Associates, Inc.

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

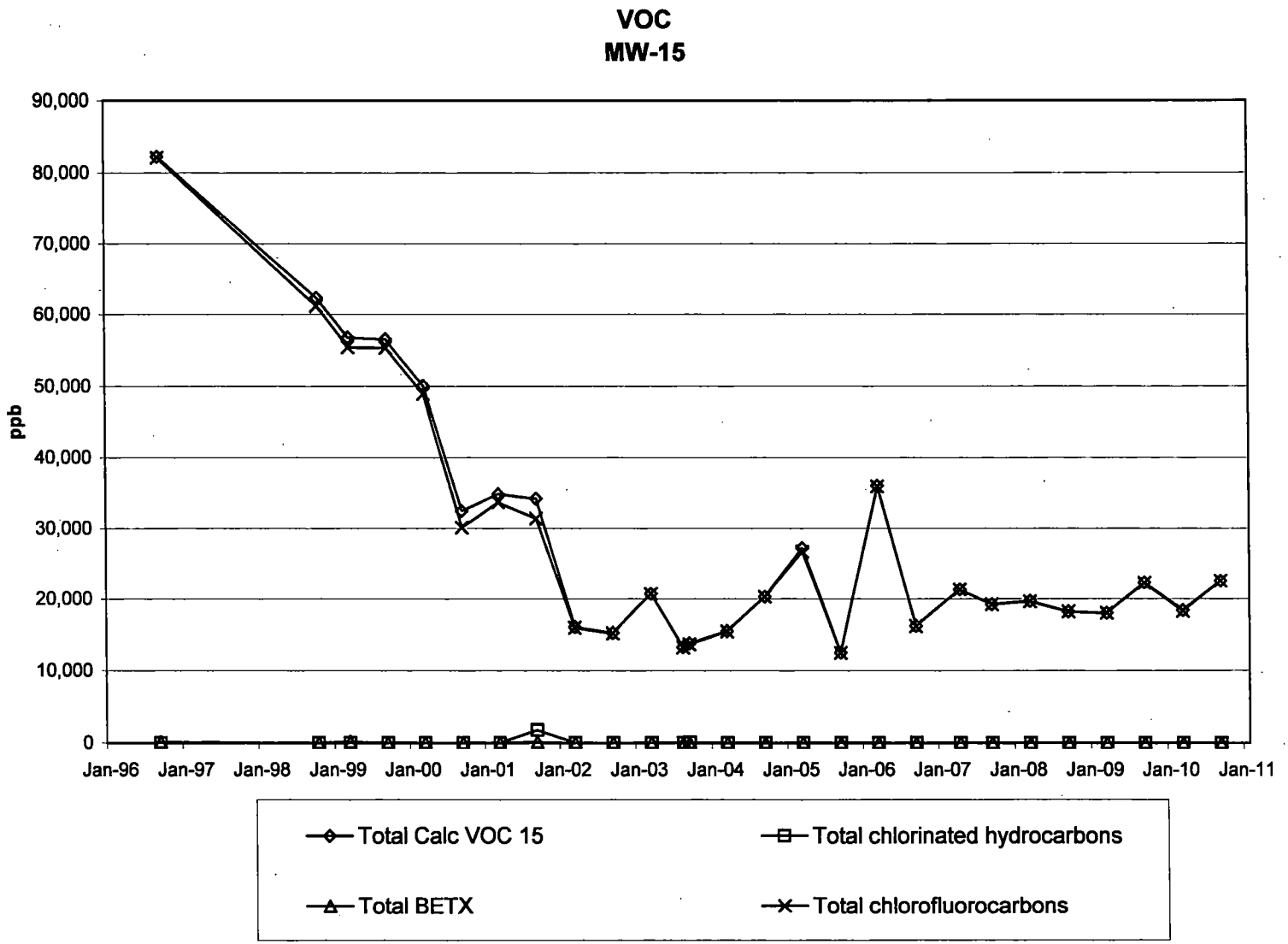


Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana
Groundwater Monitoring Data

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	3/16/2004	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
1,2-Dichlorobenzene	<1	<200	<200	<200	<200	<200	<200	6.2	6.4	<1	5.2	4.1	<1	1.4	1.5	1.6	1.4	1.8	1.36	1.58	1.39	1.23	<1	1.07	1.04	<1	<1
1,1-Dichloroethane	4370	2020	1770	2250	3340	1760	1080	685	330	258	261	162	117	69.2	57.7	49.9	75.0	82.0	80.1	69.3	63.6	49.7	73.5	80.5	55.0	47.5	49.1
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-Dichloroethene	1030	550	550	710	1560	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
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	3.96	3.67	2.67	2.28	3.05	3.60	2.32	2.14	1.90
Dichlorofluoromethane	820	660	690	690	1560	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
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
Tetrachloroethene	3290	2080	1850	2540	4520	3300	1720	595	440	401	343	314	283	210	207	155	130	138	105	120	121	120	104	98.3	76.7	86.1	68.3
Toluene	23300	12700	10100	12800	22300	16100	6870	6.4	<5	2.8	1.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	30300	12100	10200	16100	38500	21900	10600	2030	940	600	435	304	242	157	115	73.4	66.5	57.4	48.4	41.1	37.5	30.2	25.6	24.0	14.3	15.1	13.7
Trichloroethene	<1	<100	<100	<100	<100	<100	<100	3.6	7.9	52.5	53	81.5	70.8	101	93.2	86.9	117	144	141	125	115	103	105	119	118	98.1	82.6
Trichlorofluoromethane	18600	8170	8690	13700	32800	15600	7010	1035	320	113	69.7	33.2	42.6	20.7	13.8	<1	6.1	8	8.35	7.16	5.69	4.04	3.47	2.95	1.61	2.38	2.42
1,1,2-Trichlorotrifluoroethane	14700	8210	7690	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
Vinyl chloride	<1	<200	<200	<200	<200	<200	<200	2.1	250	2.6	1.9	<1	<1	1.5	<1	<1	1.1	2.8	1.4	1.80	1.00	<1	<1	1.35	<1	<1	1.60
Xylenes	2560	1390	1450	1720	3100	2000	1000	210	<5	178	167	93.7	75.8	11	1.1	<2	<2	<2	<3	<2	<2	<2	<2	<2	<2	<2	<2
Total Calc VOC 15	99622.5	48580	43720	61780	128400	74360	35190	6014	3501.8	2667.5	6400	1280.7	1222.3	737.5	770.3	555.8	536.1	670.7	540.8	510.95	480.43	427.38	439.80	441.80	356.92	329.23	304.71
Total chlorinated hydrocarbons	38990	16750	14370	21640	48920	27770	14000	3373	1996.3	1272.4	1115	673.1	722	542.4	476.5	369.2	398.3	430.5	381.2	362.6	342.4	308.4	311.2	326.8	287.4	248.94	217.20
Total BETX	26510	4440	11930	15000	26170	18490	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
Total chlorofluorocarbons	34120	17040	17070	24790	52960	27750	12500	2335	1436	1115	5070	284.2	392.6	175.7	284.8	179.3	132.1	233.7	150.4	142.1	131.7	114.8	122.5	109.3	81.9	72.48	82.71
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	744.96	745.36	744.24	744.36	744.62	744.85	745.41	745.82	748.71	745.91	745.06	744.31	744.26

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.

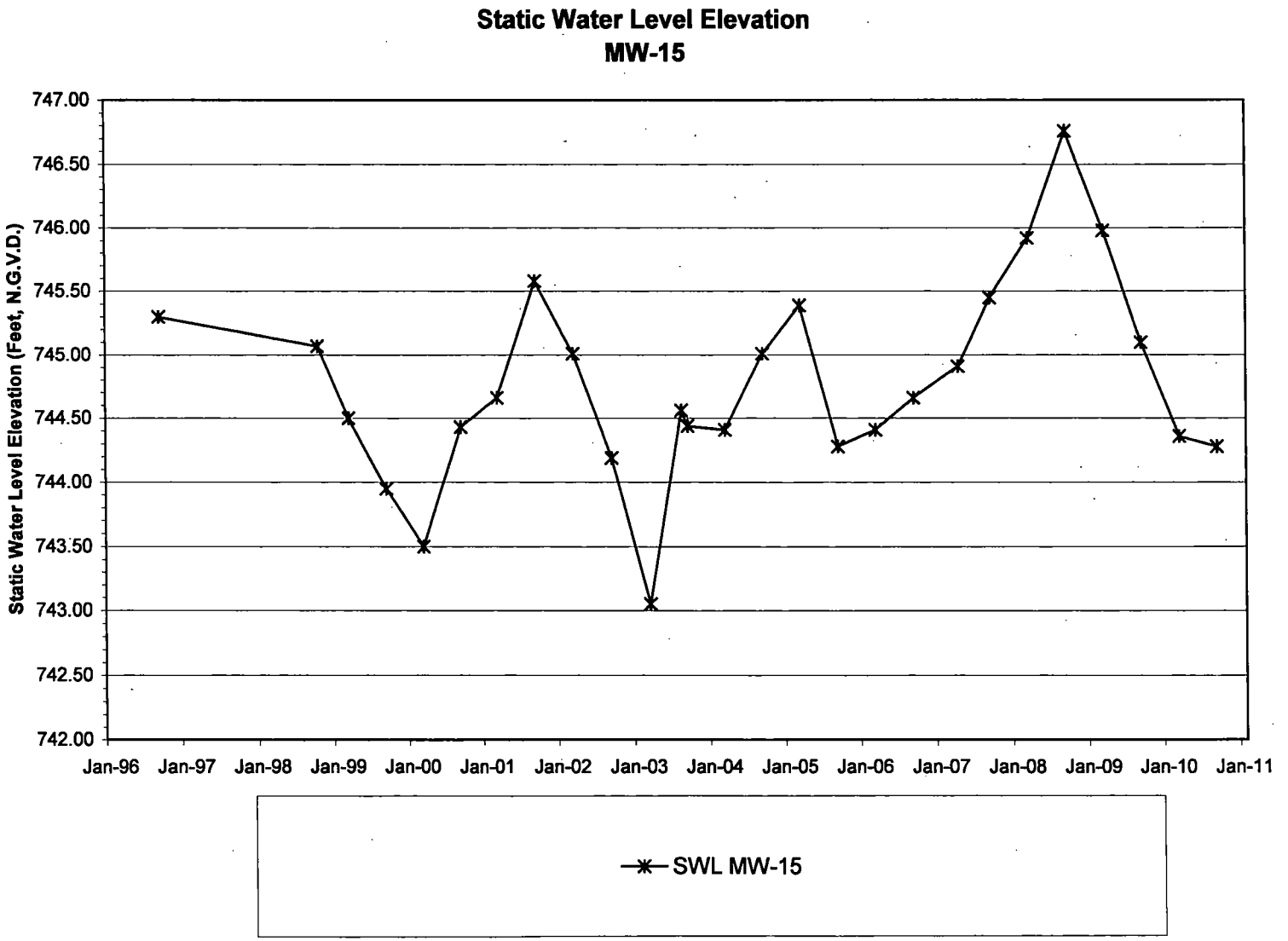
Accra Pac - Warner Baker Site
2626 Industrial Parkway
Elkhart, Indiana



10/1/2010

1092-10-01 SEPT 2010 GW TREND GRAPHS.xls Chart MW-15 (VOC)
Prepared by Heartland Environmental Associates, Inc.

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



10/1/2010

1092-10-01 SEPT 2010 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	9/30/1996	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	9/12/2003	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	3/18/2010	9/14/2010
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
1,1-Dichloroethane	<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
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
1,1-Dichloroethene	<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
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
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
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
Tetrachloroethene	<1	<100	<100	<100	<100	<100	<100	980	<5	<10	1	<1	1.2	<1	<1	<50	<5	<10	1.65	1.76	1.87	<10	<1	<1	<10	<10	1.39
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
1,1,1-Trichloroethane	<1	<100	<100	<100	<100	<100	<100	730	36	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	1.26
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
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
1,1,2-Trichlorotrifluoroethane	62000	61200	55500	55400	48900	30100	33700	30400	16000	15200	20700	13300	13700	15500	20300	26700	12500	35900	16200	21300	19200	19600	18200	18000	22200	18300	22500
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
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
Total Calc VOC 15	62256	62350	56750	56550	50050	32450	34850	34198	16081.5	15280.6	20730.1	13330.9	13823.3	15521.4	20309	27175	12542.2	36003.6	16265.38	21315.15	19217.04	19595	18313.07	18020.49	22284.2	18395	22522.85
Total chlorinated hydrocarbons	0	0	0	0	0	0	0	1810	36	15.6	12	10	61.8	10.2	0	0	0	13.6	56.88	9.15	7.79	0	4.07	2.89	0	0	2.65
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
Total chlorofluorocarbons	62110	61200	55500	55400	48900	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
Static Water Level Elevation (Ft)	745.30	745.07	744.50	743.85	743.50	744.43	744.68	745.58	745.01	744.19	743.05	744.51	744.44	744.41	745.01	745.39	744.28	744.41	744.88	744.91	745.45	745.92	746.76	745.98	745.10	744.36	744.28

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.