September 2015
Second Semiannual Sampling Report
Former Holley Automotive Facility
Water Valley, Mississippi

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1.0 Introduction

On September 14 through 16, 2015, Ecology & Environment, Inc. (E & E) performed the 2015 second semiannual sampling event at the Former Holley Automotive Facility located in Water Valley, Mississippi. This report summarizes the results of the sampling.

2.0 Groundwater Elevations and Groundwater Flow Direction

On September 14, 2014, E & E collected one set of groundwater elevations (see Table 1). Figure 1 shows the potentiometric surface, based on shallow groundwater elevations, recorded on September 14. The aquifer below the site consists of interbedded, discontinuous lenses of sandy and clayey sediments. The potentiometric surface map based on this interpretation is consistent with historical data and indicates that for the majority of the site, groundwater flow is to the north towards Otoucalofa Creek; however, in the area near the former Holley Automotive plant, a westerly component of groundwater flow is present.

As first reported in the September 2008 Sampling Report, two piezometers, PZ-1 and PZ-2, were installed on August 8, 2008, north of Otoucalofa Creek to a depth of 35 feet. These wells were initially intended to help determine the flow direction of groundwater in the area north of Otoucalofa Creek. The data indicated that the creek bottom is at a lower elevation than the groundwater north of the creek. Therefore, groundwater from the northern side of Otoucalofa Creek drains towards the creek rather than away from it. The creek thereby serves as a natural barrier to the migration of the plume farther north of the creek.

3.0 Groundwater Sampling

Twenty-six groundwater samples were collected during the September 2015 semiannual sampling event, which includes one duplicate sample. Groundwater samples were obtained in accordance with United States Environmental Protection Agency (EPA) Region 4 groundwater standard operating procedures. As with all previous events, wells were purged using low-flow sampling techniques to ensure that a representative sample was collected from each monitoring well. Water levels were recorded to reduce well drawdown, and the field parameters of temperature, pH, turbidity, conductivity, dissolved oxygen (DO), and oxidation/reduction potential (ORP) were measured and recorded. Table 2 presents the well purging data for each well that was sampled during the September 2015 semiannual sampling. Groundwater purging and sampling equipment were calibrated prior to use and decontaminated between each sampling location.

After collection, groundwater samples, including trip blanks (for quality assurance and quality control [QA/QC]) were immediately labeled, custody-sealed, and placed on ice for shipment to TestAmerica Laboratories, Inc (TestAmerica). As with our past analytical protocol, the samples were analyzed by TestAmerica for chlorinated organic compounds by EPA Method 8260B.

4.0 Groundwater Analytical Results

Groundwater analytical results for chlorinated organics from the September 2015 sampling are presented in Table 3. Figure 2 illustrates the extent of trichloroethene (TCE) concentrations measured in groundwater at the site. Shallow and deep wells are

presented on one map to illustrate the overall lateral and vertical extent of the TCE plume.

TCE was detected above the maximum concentration level (MCL) value of 5 micrograms per liter (µg/L) in the monitoring wells sampled, with exception of the following wells: MW-28S, MW-28D, MW-30S, MW-31S, MW-34, MW-38, MW-45, MW-47, and MW-48. MW-34 (2.1 µg/L) and MW-48 (2.4 ug/L) were the only wells sampled that had a concentration below the MCL but above the laboratory method detection limit (MDL). The TCE concentrations exceeding the MCL ranged from 6.8 µg/L to 2900 µg/L. Five-year trend graphs for the TCE concentration in each monitoring well over time are presented as Attachment A.

TCE was detected in MW-30D for the first time over MCL during this sampling event with a concentration of 6.8 µg/L ; the previous 3 events detected TCE below the MCL but above the lab MDL. TCE was not detected in this well prior to June 2014.

Concentrations of cis-1,2-dichloroethene (cis-1,2-DCE) were detected at or above the MCL (70 µg/L) in six of the wells sampled: MW-22S (180 µg/L), MW-22D (83 µg/L), MW-27 (220 µg/L), MW-37 (74 µg/L), MW-41 (71 µg/L), and MW-44 (74 µg/L).

The September 2015 semiannual sampling event analytical results indicate that the concentrations of 1,1-dichloroethene (1,1-DCE) , trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride were detected below MCL values of 7 µg/L, 100 µg/L, and 2 µg/L respectively. Table 3 provides analytical results for the monitoring wells sampled. TestAmerica laboratory reports are located in Appendix B.

5.0 Groundwater Natural Attenuation Results

A summary of the field-measured parameters collected during the September 2015 semiannual sampling event is provided in Table 2. An evaluation of the field-measured parameters is provided below:

Temperature: Temperature affects the solubility of dissolved gases and other geochemical species. The rate of biodegradation is accelerated in groundwater temperatures greater than 20 degrees Celsius (°C). During the September 2015 semiannual sampling event, the sample temperatures ranged from 16.49°C to 25.29°C.

pH: pH levels affect the presence and activity of microbial populations in groundwater. The optimal pH range for biodegradation is between 5 standard units (SUs) and 9 SUs. During the September 2015 semiannual sampling event, the sample pH values ranged from 4.06 SUs to 5.79 SUs.

Dissolved Oxygen: DO is the most geochemically favored electron acceptor used by microbes for aerobic biodegradation. Anaerobic bacteria become nonfunctional at concentrations that exceed 5 milligrams per liter (mg/L) (or 55% @ 20º C), causing reductive dechlorination to cease. During the September 2015 semiannual sampling event, the DO ranged from 0.1 % to 73.9%.

Oxidation-Reduction Potential: ORP is a measure of the relative tendency of a solution to accept or transfer electrons. ORP levels between 50 millivolts (mV) and -100 (mV) hold potential for reductive dechlorination, and levels between -100 mV and -400 mV are optimal for reductive dechlorination. During the September 2015 semiannual sampling event, the ORP levels ranged from 47.3 mV to 270 mV.

6.0 Surface Water Analytical Results

Three creek water samples, CS-1, CS-2, and CS-3, were collected for laboratory analysis. The samples were collected from the bank of the creek in three locations along Otoucalofa Creek (depicted in Figure 2). It should be noted that the water level in the creek was low (~2ft deep) and flowing slowly. Each creek sample was shown to be non-detect for TCE, cis-1,2-DCE, 1,1-DCE, trans-1,2-DCE, and vinyl chloride.

As seen in Table 3, TCE concentrations in the three creek samples have fluctuated over the last four years. The first detection was made in December of 2010 and since that first detection, concentrations have fluctuated from below MDLs, up to 7.5 µg/L. However, for the four most recent events, June 2014, September 2014, March 2015 and now September 2015, all contaminants of concern have been below the lab MDL and are considered absent during this time frame.

The USEPA Ambient Water Quality Criteria (AWQC) for TCE in water was updated in June 2015 from 2.5 µg/L to 0.6 µg/L. The laboratory reported all results in this associated report to the PQL, which is still 1.0 µg/L. In all future events, the laboratory will report down to the MDL which is below the updated AWQC standard for TCE.

The case narrative completed by Test America reported that all calibration, blanks, and surrogates acceptance criteria were met. Analytical or quality problems observed are detailed in the Case Narrative of the lab pack, provided as Attachment B.

7.0 Conclusions

The size of the identified dissolved TCE plume has remained relatively stable for the past five years. The analytical results of the wells that were installed to monitor plume migration (MW-28S, MW-28D, MW-34, MW-45, MW-47, and MW-48) were below the laboratory MDLs for all constituents with the exception of trace detections (below the MCL) in MW-34 and MW-48 in this event. This indicates that the TCE plume has not migrated with any significance to the east or west as previously speculated, although MW-34 and MW-48 will be closely monitored in future events for any indications of significant plume migration. A review of the past five years of quarterly sampling data indicates that the concentrations of 1,1-DCE , trans-1,2-DCE, and vinyl chloride have continuously been detected below laboratory MDLs for MW-28S, MW-28D, MW-31S, MW-34, MW-38, MW-38S and MW-45.

Though TCE concentrations in several of the monitoring wells sampled exceeded the MCL, the presence of cis-1,2-DCE indicates breakdown of the TCE through anaerobic degradation. Natural attenuation monitoring parameters indicate the aquifer is conducive

for anaerobic degradation; however, the rate of degradation may be limited in a few areas by pH, dissolved oxygen, and ORP.

Creek surface water samples have exhibited concentrations below lab MDLs for the past four samplings. E & E will continue to monitor TCE levels in the creek so that these concentrations remain below the updated AWQC of 0.6 µg/L.

Quarterly groundwater sampling events at the Former Holley Automotive facility have been conducted every quarter since May 2006, with semiannual sampling starting in 2015. An examination of these data and a review of the previously mentioned five-year trend graphs indicate that TCE trends have overwhelmingly been constant but in a few cases have increased slightly (MW-25D, MW-35, MW-46). A small, increasing trend in a few wells can be expected due to the amoebic-like nature of a groundwater plume. These noted trends will continue to be monitored to ensure that significant plume migration is not taking place.

TABLES AND FIGURES

Water Valley, Mississippi

WELL ID	MW-11	MW-12	MW-15	MW-16	MW-22S	MW-22D	MW-23D	MW-24	MW-25S	MW-25D	MW-27
WELL DEPTH FROM TOC	43.60	40.94	43.37	19.23	29.24	46.80	42.77	21.70	37.43	45.94	31.91
TOC ELEVATION	279.99	277.24	276.27	277.12	282.46	282.61	276.15	275.96	286.92	286.74	286.87

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
9/18/2006	270.88	9.11	266.22	11.02	268.50	7.77	266.94	10.18	273.32	9.14	274.73	7.88	264.25	11.90	268.22	7.74	270.57	16.35	270.58	16.16	277.73	9.14
12/182006	272.29	7.70	269.48	7.76	271.97	4.30	270.62	6.50	274.30	8.16	275.63	6.98	265.53	10.62	270.26	5.70	271.28	15.64	271.21	15.53	278.23	8.64
3/27/2007	272.00	7.99	267.17	10.07	270.59	5.68	268.96	8.16	274.31	8.15	275.59	7.02	260.94	15.21	--	--	271.45	15.47	271.45	15.29	278.31	8.56
6/19/2007	271.51	8.48	267.13	10.11	270.26	6.01	268.48	8.64	273.78	8.68	275.11	7.50	261.46	14.69	272.22	3.74	270.79	16.13	270.80	15.94	277.86	9.01
9/7/2007	270.84	9.15	266.47	10.77	268.73	7.54	267.36	9.76	273.16	9.30	274.43	8.18	263.65	12.50	271.50	4.46	270.68	16.24	270.32	16.42	277.41	9.46
12/7/2007	271.89	8.10	269.22	8.02	271.96	4.31	270.59	6.53	273.83	8.63	275.15	7.46	264.01	12.14	273.28	2.68	270.72	16.20	270.69	16.05	277.66	9.21
3/10/2008	272.85	7.14	270.27	6.97	272.41	3.86	271.19	5.93	274.71	7.75	275.90	6.71	265.70	10.45	274.51	1.45	271.88	15.04	271.63	15.11	278.33	8.54
6/16/2008	272.23	7.76	269.00	8.24	270.87	5.40	269.75	7.37	274.32	8.14	275.55	7.06	266.05	10.10	273.42	2.54	271.52	15.40	271.52	15.22	278.25	8.62
9/16/2008	274.88	5.11	267.98	9.26	271.16	5.11	268.82	8.30	273.52	8.94	274.84	7.77	265.01	11.14	272.47	3.49	270.64	16.28	270.64	16.10	278.56	8.31
12/2/2008	275.26	4.73	269.32	7.92	271.85	4.42	270.35	6.77	273.81	8.65	275.11	7.50	265.72	10.43	273.34	2.62	270.82	16.10	270.68	16.06	277.69	9.18
3/23/2009	276.32	3.67	270.21	7.03	271.99	4.28	270.91	6.21	274.70	7.76	275.84	6.77	267.22	8.93	274.33	1.63	271.72	15.20	271.69	15.05	278.34	8.53
6/15/2009	276.48	3.51	270.32	6.92	272.53	3.74	271.04	6.08	274.96	7.50	276.13	6.48	267.35	8.80	274.66	1.30	272.22	14.70	271.97	14.77	278.66	8.21
9/28/2009	275.85	4.14	270.87	6.37	272.69	3.58	271.76	5.36	274.49	7.97	275.76	6.85	267.30	8.85	274.48	1.48	271.44	15.48	271.21	15.53	278.16	8.71
12/14/2009	276.71	3.28	271.22	6.02	273.08	3.19	271.75	5.37	275.11	7.35	276.29	6.32	268.09	8.06	275.23	0.73	272.24	14.68	272.02	14.72	278.72	8.15
3/23/2010	276.83	3.16	270.93	6.31	272.74	3.53	271.52	5.60	275.45	7.01	276.59	6.02	269.85	6.30	275.23	0.73	272.56	14.36	272.39	14.35	279.11	7.76
7/27/2010	274.79	5.20	267.22	10.02	269.14	7.13	267.80	9.32	273.72	8.74	275.08	7.53	264.61	11.54	272.12	3.84	270.94	15.98	270.97	15.77	278.02	8.85
9/21/2010	0.00	0.00	267.64	9.60	268.77	7.50	267.43	9.69	273.16	9.30	274.36	8.25	263.93	12.22	271.54	4.42	270.42	16.50	270.44	16.30	277.53	9.34
12/13/2010	275.00	4.99	269.12	8.12	271.63	4.64	270.10	7.02	273.74	8.72	275.10	7.51	265.44	10.71	273.09	2.87	270.60	16.32	270.62	16.12	277.77	9.10
3/29/2011	276.15	3.84	271.16	6.08	272.89	3.38	271.79	5.33	274.77	7.69	275.92	6.69	267.91	8.24	274.93	1.03	271.76	15.16	271.60	15.14	278.34	8.53
6/14/2011	275.10	4.89	268.46	8.78	270.35	5.92	268.95	8.17	273.85	8.61	275.07	7.54	265.47	10.68	272.85	3.11	271.02	15.90	271.03	15.71	277.81	9.06
9/20/2011	274.45	5.54	267.65	9.59	270.39	5.88	268.37	8.75	273.16	9.30	274.49	8.12	264.53	11.62	272.28	3.68	270.18	16.74	270.19	16.55	276.94	9.93
12/27/2011	275.31	4.68	270.98	6.26	273.16	3.11	271.69	5.43	274.35	8.11	275.57	7.04	268.13	8.02	274.77	1.19	271.20	15.72	270.83	15.91	277.94	8.93
3/20/2012	276.05	3.94	270.02	7.22	271.79	4.48	270.77	6.35	274.49	7.97	275.63	6.98	267.10	9.05	274.25	1.71	271.38	15.54	271.57	15.17	278.04	8.83
6/19/2012	274.54	5.45	267.75	9.49	269.64	6.63	268.47	8.65	273.24	9.22	274.51	8.10	266.60	9.55	272.24	3.72	270.29	16.63	270.12	16.62	277.20	9.67
9/26/2012	274.09	5.90	266.98	10.26	269.16	7.11	267.80	9.32	272.75	9.71	274.09	8.52	264.16	11.99	271.66	4.30	270.01	16.91	270.03	16.71	276.82	10.05
12/18/2012	274.96	5.03	269.55	7.69	272.07	4.20	270.65	6.47	273.68	8.78	274.93	7.68	265.91	10.24	273.50	2.46	270.68	16.24	270.61	16.13	277.36	9.51
3/12/2013	276.25	3.74	270.29	6.95	272.30	3.97	271.00	6.12	274.60	7.86	275.72	6.89	266.67	9.48	274.64	1.32	271.75	15.17	271.70	15.04	278.02	8.85
6/25/2013	275.65	4.34	268.96	8.28	-	-	269.70	7.42	274.28	8.18	275.47	7.14	-	-	273.47	2.49	271.56	15.36	271.58	15.16	278.00	8.87
9/16/2013	274.35	5.64	267.18	10.06	-	-	-	-	273.12	9.34	274.28	8.33	266.07	10.08	271.82	4.14	270.54	16.38	270.56	16.18	277.14	9.73

Water Valley, Mississippi

WELL ID	MW-11	MW-12	MW-15	MW-16	MW-22S	MW-22D	MW-23D	MW-24	MW-25S	MW-25D	MW-27
WELL DEPTH FROM TOC	43.60	40.94	43.37	19.23	29.24	46.80	42.77	21.70	37.43	45.94	31.91
TOC ELEVATION	279.99	277.24	276.27	277.12	282.46	282.61	276.15	275.96	286.92	286.74	286.87

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
12/16/2013	275.77	4.22	270.86	6.38	-	-	271.43	5.69	274.44	8.02	275.64	6.97	269.71	6.44	274.69	1.27	271.58	15.34	271.07	15.67	277.92	8.95
3/17/2014	274.63	5.36	269.86	7.38	-	-	270.55	6.57	274.71	7.75	275.81	6.80	266.79	9.36	274.19	1.77	271.80	15.12	271.77	14.97	277.86	9.01
6/24/2014	275.84	4.15	269.46	7.78	-	-	269.96	7.16	274.41	8.05	275.56	7.05	266.62	9.53	273.78	2.18	271.42	15.50	271.64	15.10	278.11	8.76
9/9/2014	274.69	5.30	267.40	9.84	-	-	268.10	9.02	273.45	9.01	274.55	8.06	265.94	10.21	272.16	3.80	270.79	16.13	270.81	15.93	277.39	9.48
3/25/2015	274.01	5.98	270.70	6.54	-	-	269.91	7.21	275.32	7.14	276.21	6.40	267.59	8.56	272.98	2.98	275.50	11.42	276.43	10.31	277.39	9.48
9/14/2015	274.92	5.07	-	-	-	-	-	-	273.66	8.80	274.96	7.65	264.88	11.27	268.61	7.35	270.90	16.02	270.89	15.85	277.76	9.11

Key:

TOC = Top of Casing

ELEV = Water Table Elevation, NGVD

NGVD = National Geodetic Vertical Datum, 1929

DTW = Depth to water

Shaded = Shallow wells

-- = Casing damaged

- Not measured

Water Valley, Mississippi

WELL ID	MW-28S	MW-28D	MW-29S	MW-29D	MW-30S	MW-30D	MW-31S	MW-31D	MW-32	MW-33	MW-34
WELL DEPTH FROM TOC	25.03	39.77	25.04	41.81	19.81	39.95	24.84	42.04	34.91	36.94	42.20
TOC ELEVATION	272.63	274.14	275.27	274.89	272.77	274.07	276.28	274.29	276.02	274.61	277.16

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
9/18/2006	259.70	12.93	259.30	14.84	261.73	13.54	261.06	13.83	258.66	14.11	262.67	11.40	258.40	17.88	259.26	15.03	267.65	8.37	267.04	7.57	267.73	9.43
12/182006	261.77	10.86	259.87	14.27	260.44	14.83	259.37	15.52	259.63	13.14	263.04	11.03	258.78	17.50	259.45	14.84	268.21	7.81	267.77	6.84	271.69	5.47
3/27/2007	260.92	11.71	259.61	14.53	260.25	15.02	259.06	15.83	259.84	12.93	262.93	11.14	259.00	17.28	259.29	15.00	266.99	9.03	266.89	7.72	270.31	6.85
6/19/2007	260.06	12.57	262.46	11.68	260.17	15.10	259.07	15.82	258.42	14.35	263.86	10.21	258.35	17.93	264.47	9.82	-	NS	266.72	7.89	269.10	8.06
9/7/2007	259.90	12.73	259.09	15.05	260.99	14.28	260.35	14.54	258.95	13.82	262.67	11.40	258.20	18.08	258.95	15.34	-	NS	266.63	7.98	268.12	9.04
12/7/2007	262.10	10.53	259.73	14.41	262.85	12.42	261.88	13.01	259.40	13.37	263.06	11.01	258.42	17.86	259.30	14.99	268.47	7.55	268.00	6.61	271.86	5.30
3/10/2008	263.52	9.11	260.45	13.69	264.14	11.13	263.47	11.42	262.05	10.72	264.06	10.01	259.48	16.80	260.05	14.24	270.01	6.01	269.51	5.10	272.13	5.03
6/16/2008	261.59	11.04	259.72	14.42	263.07	12.20	262.43	12.46	260.97	11.80	263.16	10.91	259.27	17.01	259.45	14.84	268.76	7.26	268.64	5.97	270.43	6.73
9/16/2008	260.49	12.14	259.34	14.80	262.00	13.27	261.36	13.53	258.82	13.95	262.57	11.50	258.34	17.94	259.16	15.13	267.64	8.38	267.58	7.03	269.56	7.60
12/2/2008	260.95	11.68	259.64	14.50	262.40	12.87	261.74	13.15	258.67	14.10	262.84	11.23	258.46	17.82	259.39	14.90	268.27	7.75	268.03	6.58	271.48	5.68
3/23/2009	262.83	9.80	260.22	13.92	264.09	11.18	263.45	11.44	261.95	10.82	263.76	10.31	261.89	14.39	259.84	14.45	270.01	6.01	269.56	5.05	271.70	5.46
6/15/2009	263.57	9.06	260.40	13.74	264.30	10.97	263.64	11.25	262.20	10.57	264.04	10.03	260.02	16.26	259.97	14.32	270.24	5.78	269.75	4.86	271.98	5.18
9/28/2009	264.82	7.81	260.80	13.34	263.84	11.43	263.21	11.68	259.57	13.20	263.73	10.34	259.02	17.26	260.17	14.12	270.00	6.02	269.38	5.23	272.46	4.70
12/14/2009	265.11	7.52	261.04	13.10	264.89	10.38	264.27	10.62	262.54	10.23	264.81	9.26	260.06	16.22	260.62	13.67	270.88	5.14	270.31	4.30	272.80	4.36
3/23/2010	264.75	7.88	261.30	12.84	265.21	10.06	264.58	10.31	263.52	9.25	265.04	9.03	261.52	14.76	260.97	13.32	270.77	5.25	270.51	4.10	272.28	4.88
7/27/2010	260.23	12.40	259.38	14.76	261.95	13.32	261.35	13.54	259.27	13.50	262.89	11.18	258.50	17.78	259.27	15.02	267.27	8.75	267.47	7.14	268.40	8.76
9/21/2010	259.69	12.94	258.99	15.15	261.30	13.97	260.71	14.18	258.59	14.18	262.42	11.65	258.06	18.22	258.87	15.42	266.42	9.60	266.83	7.78	268.20	8.96
12/13/2010	260.53	12.10	259.46	14.68	262.10	13.17	261.46	13.43	258.49	14.28	262.85	11.22	258.28	18.00	259.30	14.99	267.92	8.10	267.84	6.77	271.31	5.85
3/29/2011	265.35	7.28	260.87	13.27	264.48	10.79	263.87	11.02	261.41	11.36	264.34	9.73	259.23	17.05	260.34	13.95	270.76	5.26	269.94	4.67	272.63	4.53
6/14/2011	261.34	11.29	259.56	14.58	262.47	12.80	261.85	13.04	260.13	12.64	262.98	11.09	258.73	17.55	259.29	15.00	268.15	7.87	268.06	6.55	269.97	7.19
9/20/2011	259.81	12.82	259.71	14.43	261.77	13.50	261.15	13.74	258.49	14.28	263.36	10.71	258.07	18.21	259.98	14.31	267.08	8.94	267.23	7.38	269.35	7.81
12/27/2011	265.18	7.45	262.23	11.91	264.91	10.36	264.27	10.62	260.98	11.79	265.77	8.30	258.84	17.44	262.35	11.94	271.16	4.86	269.85	4.76	272.85	4.31
3/20/2012	258.86	13.77	260.18	13.96	264.04	11.23	263.40	11.49	261.98	10.79	263.84	10.23	261.58	14.70	259.92	14.37	270.03	5.99	269.51	5.10	271.44	5.72
6/19/2012	260.60	12.03	259.28	14.86	261.95	13.32	261.32	13.57	259.12	13.65	262.55	11.52	258.41	17.87	259.14	15.15	-	NA	267.47	7.14	269.18	7.98
9/26/2012	259.96	12.67	259.12	15.02	261.43	13.84	260.80	14.09	258.54	14.23	262.36	11.71	258.02	18.26	259.05	15.24	-	NA	266.89	7.72	268.62	8.54
12/18/2012	260.91	11.72	259.85	14.29	262.65	12.62	262.01	12.88	258.99	13.78	263.21	10.86	258.54	17.74	259.75	14.54	-	NA	268.21	6.40	271.65	5.51
3/12/2013	259.70	12.93	264.86	9.28	264.53	10.74	264.41	10.48	262.67	10.10	264.98	9.09	259.95	16.33	261.09	13.20	-	5.47	270.00	4.61	271.69	5.47
6/25/2013	261.51	11.12	259.81	14.33	263.23	12.04	262.63	12.26	261.46	11.31	263.31	10.76	259.50	16.78	259.62	14.67	268.85	7.17	268.76	5.85	270.27	6.89
9/16/2013	260.32	12.31	259.26	14.88	261.68	13.59	261.06	13.83	259.15	13.62	262.51	11.56	258.34	17.94	259.11	15.18	-	-	267.18	7.43	268.37	8.79

Water Valley, Mississippi

WELL ID	MW-28S	MW-28D	MW-29S	MW-29D	MW-30S	MW-30D	MW-31S	MW-31D	MW-32	MW-33	MW-34
WELL DEPTH FROM TOC	25.03	39.77	25.04	41.81	19.81	39.95	24.84	42.04	34.91	36.94	42.20
TOC ELEVATION	272.63	274.14	275.27	274.89	272.77	274.07	276.28	274.29	276.02	274.61	277.16

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
12/16/2013	259.19	13.44	265.84	8.30	264.57	10.70	264.44	10.45	263.76	9.01	264.36	9.71	259.58	16.70	260.38	13.91	270.85	5.17	269.97	4.64	272.09	5.07
3/17/2014	258.70	13.93	263.96	10.18	263.71	11.56	263.08	11.81	261.64	11.13	263.82	10.25	259.65	16.63	259.96	14.33	269.67	6.35	269.38	5.23	271.13	6.03
6/24/2014	262.22	10.41	260.03	14.11	263.73	11.54	263.11	11.78	262.31	10.46	263.64	10.43	-	-	-	-	-	-	269.16	5.45	270.62	6.54
9/9/2014	260.25	12.38	259.29	14.85	261.93	13.34	261.33	13.56	259.60	13.17	262.77	11.30	-	-	-	-	-	-	267.48	7.13	268.73	8.43
3/25/2015	261.51	11.12	260.59	13.55	-	-	-	-	261.83	10.94	264.39	9.68	261.40	14.88	261.73	12.56	-	-	268.96	5.65	268.98	8.18
9/14/2015	260.78	11.85	259.56	14.58	-	-	-	-	259.51	13.26	262.94	11.13	258.58	17.70	258.39	15.90	267.47	8.55	267.67	6.94	269.03	8.13

Key:

TOC = Top of Casing

ELEV = Water Table Elevation, NGVD

NGVD = National Geodetic Vertical Datum, 1929

DTW = Depth to water

Shaded = Shallow wells

-- = Casing damaged

- Not measured

Water Valley, Mississippi

WELL ID	MW-35	MW-37	MW-38	MW-38S	MW-39	MW-40	MW-41	MW-42	MW-43	MW-44	MW-45	MW-46
WELL DEPTH FROM TOC	46.42	27.43	62.24	33.24	67.33	41.56	44.60	46.44	62.80	67.46	52.03	35.74
TOC ELEVATION	274.51	284.60	295.55	295.43	305.67	277.04	284.08	300.99	283.42	292.90	276.61	270.84

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
9/18/2006	259.19	15.32	275.48	9.12	270.75	24.80	270.76	24.67	270.34	35.33	266.72	10.32	276.20	7.88	270.36	30.63	269.88	13.54	270.28	22.62	269.29	7.32	262.10	8.74
12/182006	258.83	15.68	275.64	8.96	271.39	24.16	271.17	24.26	270.86	34.81	267.33	9.71	276.80	7.28	270.87	30.12	270.44	12.98	270.76	22.14	269.71	6.90	262.43	8.41
3/27/2007	258.71	15.80	275.98	8.62	271.54	24.01	271.55	23.88	271.17	34.50	267.28	9.76	276.98	7.10	271.17	29.82	270.66	12.76	271.07	21.83	269.99	6.62	262.04	8.80
6/19/2007	258.91	15.60	275.57	9.03	270.91	24.64	270.88	24.55	270.53	35.14	266.78	10.26	276.44	7.64	270.48	30.51	270.04	13.38	270.39	22.51	269.42	7.19	261.92	8.92
9/7/2007	258.77	15.74	275.19	9.41	270.65	24.90	270.66	24.77	270.27	35.40	266.51	10.53	275.93	8.15	270.28	30.71	269.78	13.64	270.18	22.72	269.16	7.45	261.64	9.20
12/7/2007	259.59	14.92	275.17	9.43	270.67	24.88	270.67	24.76	270.34	35.33	267.31	9.73	276.27	7.81	270.28	30.71	269.94	13.48	270.23	22.67	269.27	7.34	262.31	8.53
3/10/2008	260.98	13.53	276.03	8.57	271.54	24.01	271.51	23.92	271.23	34.44	268.81	8.23	277.03	7.05	271.19	29.80	270.90	12.52	271.15	21.75	270.28	6.33	264.38	6.46
6/16/2008	260.08	14.43	275.92	8.68	271.45	24.10	271.45	23.98	271.24	34.43	269.09	7.95	276.86	7.22	271.17	29.82	270.79	12.63	271.11	21.79	270.06	6.55	263.39	7.45
9/16/2008	259.20	15.31	275.40	9.20	270.81	24.74	270.79	24.64	270.35	35.32	267.01	10.03	276.13	7.95	270.36	30.63	269.94	13.48	270.27	22.63	269.22	7.39	262.22	8.62
12/2/2008	259.51	15.00	275.30	9.30	270.80	24.75	270.78	24.65	270.33	35.34	267.22	9.82	276.27	7.81	270.32	30.67	269.92	13.50	270.22	22.68	269.20	7.41	262.45	8.39
3/23/2009	260.94	13.57	276.18	8.42	271.74	23.81	271.73	23.70	-	NS	268.74	8.30	277.04	7.04	271.31	29.68	271.02	12.40	271.26	21.64	270.28	6.33	263.70	7.14
6/15/2009	260.98	13.53	276.50	8.10	270.03	25.52	271.82	23.61	-	NS	269.00	8.04	277.34	6.74	271.55	29.44	271.22	12.20	271.47	21.43	270.55	6.06	263.29	7.55
9/28/2009	260.80	13.71	276.03	8.57	271.14	24.41	271.10	24.33	-	NS	268.21	8.83	276.88	7.20	270.66	30.33	270.42	13.00	270.62	22.28	269.69	6.92	263.70	7.14
12/14/2009	261.71	12.80	276.46	8.14	272.00	23.55	271.94	23.49	-	NS	269.37	7.67	277.41	6.67	271.56	29.43	271.29	12.13	271.49	21.41	270.66	5.95	264.61	6.23
3/23/2010	262.18	12.33	276.98	7.62	272.35	23.20	272.32	23.11	-	NS	269.70	7.34	277.82	6.26	271.91	29.08	271.60	11.82	271.80	21.10	271.11	5.50	265.68	5.16
7/27/2010	259.34	15.17	275.86	8.74	271.07	24.48	271.05	24.38	-	NS	267.13	9.91	276.55	7.53	270.66	30.33	270.20	13.22	270.57	22.33	269.50	7.11	262.39	8.45
9/21/2010	257.79	16.72	275.29	9.31	270.60	24.95	270.61	24.82	-	NS	0.00	0.00	276.03	8.05	270.70	30.29	269.70	13.72	270.10	22.80	269.05	7.56	261.71	9.13
12/13/2010	259.31	15.20	275.27	9.33	270.77	24.78	270.73	24.70	-	NS	267.03	10.01	276.31	7.77	270.31	30.68	269.90	13.52	270.21	22.69	269.16	7.45	262.24	8.60
3/29/2011	260.13	14.38	276.23	8.37	271.51	24.04	271.52	23.91	-	NS	268.77	8.27	277.05	7.03	271.10	29.89	270.84	12.58	270.03	22.87	270.14	6.47	265.19	5.65
6/14/2011	259.67	14.84	275.73	8.87	271.07	24.48	271.10	24.33	-	NS	267.49	9.55	276.46	7.62	270.72	30.27	270.31	13.11	270.64	22.26	269.52	7.09	262.74	8.10
9/20/2011	259.35	15.16	274.86	9.74	270.32	25.23	270.31	25.12	-	NS	266.62	10.42	275.75	8.33	269.66	31.33	269.49	13.93	269.79	23.11	268.85	7.76	262.06	8.78
12/27/2011	260.87	13.64	275.44	9.16	271.04	24.51	271.03	24.40	-	NS	268.38	8.66	276.59	7.49	270.62	30.37	270.36	13.06	270.54	22.36	269.70	6.91	267.35	3.49
3/20/2012	259.94	14.57	275.91	8.69	271.53	24.02	271.55	23.88	-	NS	268.68	8.36	276.79	7.29	271.18	29.81	270.88	12.54	271.10	21.80	270.16	6.45	264.17	6.67
6/19/2012	258.28	16.23	275.14	9.46	270.57	24.98	270.59	24.84	-	NS	266.92	10.12	275.83	8.25	270.20	30.79	269.77	13.65	270.06	22.84	269.06	7.55	262.00	8.84
9/26/2012	257.96	16.55	274.63	9.97	270.22	25.33	270.20	25.23	-	NS	266.37	10.67	276.36	7.72	269.75	31.24	269.33	14.09	269.69	23.21	268.66	7.95	261.67	9.17
12/18/2012	258.76	15.75	275.04	9.56	270.64	24.91	270.64	24.79	-	NS	267.25	9.79	275.48	8.60	270.24	30.75	269.90	13.52	270.17	22.73	269.13	7.48	262.66	8.18
3/12/2013	260.80	13.71	275.95	8.65	271.64	23.91	271.65	23.78	-	NS	269.03	8.01	276.80	7.28	271.25	29.74	270.97	12.45	271.33	21.57	270.29	6.32	265.99	4.85
6/25/2013	259.33	15.18	276.05	8.55	271.61	23.94	271.54	23.89	-	NS	268.12	8.92	276.72	7.36	271.25	29.74	270.88	12.54	271.18	21.72	270.04	6.57	263.46	7.38
9/16/2013	258.22	16.29	275.10	9.50	270.72	24.83	270.69	24.74	-	NS	266.78	10.26	275.74	8.34	270.32	30.67	269.81	13.61	270.21	22.69	272.21	4.40	261.97	8.87

Water Valley, Mississippi

WELL ID	MW-35	MW-37	MW-38	MW-38S	MW-39	MW-40	MW-41	MW-42	MW-43	MW-44	MW-45	MW-46
WELL DEPTH FROM TOC	46.42	27.43	62.24	33.24	67.33	41.56	44.60	46.44	62.80	67.46	52.03	35.74
TOC ELEVATION	274.51	284.60	295.55	295.43	305.67	277.04	284.08	300.99	283.42	292.90	276.61	270.84

DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW
12/16/2013	260.77	13.74	275.69	8.91	271.46	24.09	271.20	24.23	-	-	268.72	8.32	276.56	7.52	270.95	30.04	270.70	12.72	270.88	22.02	270.66	5.95	264.19	6.65
3/17/2014	259.76	14.75	274.00	10.60	271.95	23.60	271.76	23.67	-	-	-	-	276.96	7.12	271.37	29.62	271.05	12.37	271.37	21.53	270.31	6.30	264.62	6.22
6/24/2014	259.87	14.64	276.20	8.40	271.64	23.91	271.63	23.80	-	-	268.50	8.54	276.84	7.24	271.31	29.68	270.91	12.51	271.22	21.68	270.13	6.48	263.78	7.06
9/9/2014	258.48	16.03	275.59	9.01	270.93	24.62	270.91	24.52	-	-	267.06	9.98	276.05	8.03	270.58	30.41	270.10	13.32	270.45	22.45	269.34	7.27	262.27	8.57
3/25/2015	262.15	12.36	277.07	7.53	274.11	21.44	274.67	20.76	-	-	269.46	7.58	275.53	8.55	271.42	29.57	271.85	11.57	272.54	20.36	-	-	-	-
9/14/2015	258.73	15.78	276.19	8.41	270.98	24.57	270.95	24.48	-	-	267.28	9.76	276.33	7.75	270.61	30.38	270.16	13.26	270.50	22.40	263.29	13.32	262.53	8.31

Key:

TOC = Top of Casing

ELEV = Water Table Elevation, NGVD

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DTW = Depth to water

Shaded = Shallow wells

-- = Casing damaged

- Not measured

Water Valley, Mississippi
September 14-16, 2015

Well Number	Time	Temp (ºC)	Conductivity (µS/cm)	Dissolved oxygen (%)	pH (Sus)	ORP (mV)	Turbidity (NTUs)	Volume Purged (gal.)
MW-11	1420	19.67	0.05	10.93	5.28	188.00	1.75	
	1425	19.46	0.05	10.90	5.10	178.40	1.97	
	1430	19.53	0.05	10.88	5.12	173.40	1.64	
	1435	Samples collected						
MW-22S	1310	19.82	0.06	10.95	5.12	170.10	10.10	
	1315	19.56	0.06	10.91	4.61	189.80	4.14	
	1320	19.34	0.06	10.74	4.51	197.00	2.35	
	1325	19.38	0.06	10.86	4.58	192.00	1.86	
	1330	Samples collected						
MW-22D	1335	19.69	0.04	10.91	4.68	186.00	1.12	
	1340	19.40	0.04	10.87	4.46	201.10	1.10	
	1345	19.21	0.04	11.14	4.50	200.30	0.64	
	1350	19.18	0.04	10.81	4.49	200.60	0.58	
	1355	Samples collected						
MW-25D	1125	19.66	0.05	10.97	5.10	189.70	9.86	
	1130	19.45	0.05	10.94	4.71	206.90	5.21	
	1135	19.38	0.05	10.87	4.65	207.20	3.52	
	1140	19.31	0.05	10.84	4.69	204.40	2.12	
	1140	Samples collected						
MW-27	1455	23.34	0.30	11.73	5.46	158.40	140.00	
	1505	23.20	0.28	11.23	5.64	148.00	38.40	
	1510	23.07	0.26	11.68	5.35	157.10	17.80	
	1515	22.97	0.20	11.67	5.26	157.40	7.60	
	1520	Samples collected						
MW-28S	930	19.58	0.16	12.25	5.71	93.70	62.40	
	935	19.54	0.16	10.91	5.57	93.50	34.20	
	940	19.41	0.15	10.48	5.57	85.90	19.30	
	945	19.37	0.16	11.11	5.58	76.40	18.60	
	950	19.42	0.16	10.77	5.63	62.50	16.00	
	955	Samples collected						
MW-28D	1015	18.72	0.16	10.48	5.53	59.40	42.30	
	1020	18.67	0.16	10.77	5.54	53.00	17.60	
	1025	18.64	0.16	10.45	5.60	46.30	8.81	
	1030	18.65	0.16	10.00	5.50	47.30	7.43	
	1035	Samples collected						
MW-30D	1335	17.88	0.06	10.54	4.11	152.90	4.57	
	1340	17369.00	0.06	10.48	4.05	150.90	2.94	
	1345	17.53	0.06	10.45	4.13	144.70	1.87	
	1400	17.52	0.06	10.51	4.36	127.80	0.98	
	1400	Samples collected-Field Dup/MS/MSD on this site						
MW-30S	1415	18.79	0.04	10.22	4.59	104.00	10.10	
	1420	18.70	0.03	11.00	4.22	125.90	10.00	
	1425	18.76	0.03	11.25	4.35	118.60	8.65	
	1430	18.77	0.03	10.67	4.37	116.70	9.22	
	1440	Samples collected						

Water Valley, Mississippi
September 14-16, 2015

Well Number	Time	Temp (ºC)	Conductivity (µS/cm)	Dissolved oxygen (%)	pH (Sus)	ORP (mV)	Turbidity (NTUs)	Volume Purged (gal.)
MW-31S	840	17.42	0.49	10.36	5.21	95.80	12.20	
	845	17.46	0.13	10.34	6.30	95.00	10.30	
	850	17.49	0.14	10.55	5.41	87.80	11.00	
	855	17.42	0.13	10.18	5.41	86.70	9.30	
	855	Samples collected						
MW-31D	800	16.41	0.18	10.40	5.75	65.40	1.59	
	805	16.49	0.18	10.24	5.81	60.70	1.83	
	810	16.50	0.17	9.76	5.81	51.00	1.72	
	815	16.49	0.18	9.53	5.79	53.00	1.69	
	825	Samples collected						
MW-34	810	19.37	0.04	10.88	3.86	285.20	2.00	
	815	19.31	0.04	10.85	4.01	275.80	2.38	
	820	19.30	0.04	10.79	4.10	269.20	0.93	
	825	19.21	0.04	10.83	4.06	271.00	0.63	
	825	Samples collected						
MW-35	1505	20.32	0.06	11.58	4.62	119.70	30.20	
	1510	20.42	0.06	10.77	4.50	114.20	13.20	
	1515	20.31	0.07	10.77	4.68	97.70	6.48	
	1520	20.34	0.07	10.71	4.73	90.70	5.23	
	1525	Samples collected, FD						
MW-37	1530	26.15	0.18	12.39	5.60	163.70	1.22	
	1535	25.86	0.18	12.30	5.53	167.20	1.88	
	1540	25.48	0.19	12.15	5.30	169.40	3.26	
	1545	25.29	0.19	11.91	5.01	173.50	2.21	
	1550	Samples collected						
MW-38S	850	19.93	0.13	11.02	5.13	223.90	28.60	
	855	20.00	0.13	10.98	5.42	242.00	18.50	
	900	19.98	0.13	10.97	4.57	242.60	13.10	
	905	19.84	0.13	10.99	4.50	241.20	11.80	
	910	19.89	0.13	10.89	4.56	231.60	9.10	
	915	Samples collected						
MW-38	920	20.70	0.05	11.24	5.20	180.30	61.80	
	925	20.65	0.05	11.22	5.07	184.30	34.80	
	930	20.72	0.05	11.16	4.88	181.40	18.20	
	935	20.67	0.05	11.21	4.98	177.60	18.80	
	940	20.61	0.05	11.33	4.97	176.30	17.20	
	945	Samples collected						
MW-41	1055	20.07	0.04	11.03	4.87	164.90	4.23	
	1100	19.97	0.04	11.01	4.47	195.40	2.92	
	1105	19.91	0.04	10.67	4.43	205.30	2.14	
	1110	19.95	0.04	11.01	4.47	206.00	2.22	
	1115	Samples collected						
MW-44	1005	19.02	0.05	10.82	4.29	288.80	7.42	
	1010	18.89	0.05	10.73	4.20	231.90	3.31	
	1015	18.80	0.05	10.75	4.33	226.30	1.99	
	1020	18.81	0.05	10.74	4.36	225.00	2.03	
	1025	Samples collected						
MW-45	1115	19.12	0.04	10.18	4.87	194.90	21.10	
	1120	19.01	0.03	10.77	4.34	223.30	7.04	

Water Valley, Mississippi
September 14-16, 2015

Well Number	Time	Temp (ºC)	Conductivity (µS/cm)	Dissolved oxygen (%)	pH (Sus)	ORP (mV)	Turbidity (NTUs)	Volume Purged (gal.)
	1125	19.01	0.04	10.77	4.37	223.40	2.06	
	1130	18.94	0.03	10.76	4.45	220.60	1.76	
	1135	Samples collected						
MW-46	1345	18.20	0.14	10.86	5.47	227.60	25.30	
	1350	17.92	0.13	10.42	5.14	244.50	17.10	
	1355	17.94	0.13	10.63	5.23	223.60	18.60	
	1400	18.00	0.13	10.55	5.28	215.20	18.60	
	1405	Samples collected, FD						
MW-47	1045	18.83	0.04	10.76	4.76	207.20	82.10	
	1050	18.72	0.04	10.71	4.55	209.30	22.40	
	1055	18.73	0.04	10.71	4.54	214.90	17.30	
	1100	18.69	0.04	10.78	4.58	209.90	8.31	
	1105	Samples collected						
MW-48	1305	19.49	0.07	10.97	4.84	235.40	8.37	
	1310	19.34	0.66	10.86	4.77	238.00	4.41	
	1315	19.22	0.07	10.82	4.74	228.00	4.56	
	1320	19.09	0.07	10.79	4.72	227.00	3.81	
	1325	Samples collected						

Key:

mV= Millivolts

ORP = Oxidation/Reduction Potential

^{o}C = degrees Celsius

µS/cm = MicroSiemens per centimeter

NTU = Nephelometric Turbidity Unit

NS= Not Sampled

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
MW-10	3/14/2013	**9.7**	<1.0	2	<1.0	<1.0
MW-11	9/20/2006	**300**	<10	<10	<10	<10
	12/19/2006	**160**	<10	<10	<10	<10
	3/27/2007	**230**	<5.0	<5.0	<5.0	<5.0
	6/20/2007	**210**	1.1	<1.0	<1.0	<1.0
	9/8/2007	**160**	<5.0	<5.0	<5.0	<5.0
	12/5/2007	**210**	1.9	<1.0	<1.0	<1.0
	3/11/2008	**740**	5.2	<1.0	<1.0	<1.0
	6/16/2008	**620**	<10	<10	<10	<10
	9/18/2008	**260**	<10	<10	<10	<10
	12/4/2008	**340**	<8.6	<8.6	<8.6	<8.6
Dup	12/4/2008	**330**	<8.6	<8.6	<8.6	<8.6
	3/25/2009	**680**	<10	<10	<10	<10
	6/16/2009	**850**	<10	<10	<10	<10
	9/29/2009	**260**	<10	<10	<10	<10
	12/15/2009	**550**	<1.0	<1.0	<1.0	<1.0
	3/24/2010	**580**	11	<1.0	<1.0	<1.0
	7/28/2010	**250**	<10	<10	<10	<10
	9/22/2010	**300**	7.9	<5.0	<5.0	<5.0
	12/14/2010	**300**	11	<5.0	<5.0	<5.0
	3/30/2011	**450**	11	<5.0	<5.0	<5.0
	6/15/2011	**270**	<10	<10	<10	<10
	9/21/2011	**270**	15	<10	<10	<10
	12/28/2011	**430**	13	<10	<10	<10
	3/21/2012	**610**	13	<10	<10	<10
	6/20/2012	**320**	12	<10	<10	<10
	9/26/2012	**250**	11	<10	<10	<10
	12/19/2012	**320**	12	<10	<10	<10
	3/13/2013	**730**	21	<10	<10	<10
	6/28/2013	**590**	20	<20	<20	<20
	9/25/2013	**310**	15	<5.0	<5.0	<5.0
	12/18/2013	**560**	19	<1.0	<1.0	<1.0
	3/18/2014	**950**	27	<1.0	<1.0	<1.0
	6/24/2014	**630**	24	<1.0	<1.0	<1.0
	9/8/2014	**330**	18	<2.0	<2.0	<2.0
	3/24/2015	**1600**	57	<20.0	<20.0	<20.0
	9/15/2015	**330**	19	<1.0	<1.0	<1.0
MW-12	3/14/2013	**40**	<1.0	<1.0	<1.0	<1.0
MW-14	3/14/2013	<1.0	<1.0	<1.0	<1.0	<1.0
MW-15	3/14/2013	3.7	<1.0	<1.0	<1.0	<1.0
MW-16	3/14/2013	**7.4**	<1.0	<1.0	<1.0	<1.0
MW-22S*	9/19/2006	**4300**	**130**	<1.0	16	<100
Dup	9/19/2006	**4100**	**130**	<100	<100	<100
	12/19/2006	**3300**	**170**	<100	<100	<100

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	3/27/2007	**3700**	**170**	<100	<100	<100
	6/20/2007	**3200**	**190**	<100	<100	<100
	9/9/2007	**2200**	**160**	<100	<100	<100
	12/5/2007	**2800**	**150**	<100	<100	<100
	3/11/2008	**3300**	**220**	<1.0	<1.0	<1.0
	6/16/2008	**4600**	**290**	<50	<50	<50
	9/18/2008	<50	<50	<50	<50	<50
	12/3/2008	<50	<50	<50	<50	<50
	3/25/2009	<50	<50	<50	<50	<50
	6/16/2009	<50	<50	<50	<50	<50
	9/29/2009	<50	<50	<50	<50	<50
	12/15/2009	**1200**	53	<50	<50	<50
	3/24/2010	**1500**	**78**	<50	<50	<50
	7/28/2010	**5200**	**180**	<50	<50	<50
	9/22/2010	**3200**	**170**	<100	<100	<100
	12/14/2010	**3300**	**220**	<100	<100	<100
	3/30/2011	**3700**	**290**	<100	<100	<100
	6/15/2011	**3000**	**190**	<100	<100	<100
	9/21/2011	**2900**	**220**	<50	<50	<50
	12/28/2011	**4300**	**330**	<50	<50	<50
	3/21/2012	**3200**	**200**	<50	<50	<50
	6/20/2012	**2400**	**170**	<50	<50	<50
	9/26/2012	**2100**	**160**	<50	<50	<50
	12/19/2012	**2800**	**180**	<50	<50	<50
	3/13/2013	**2800**	**180**	<50	<50	<50
Dup	3/13/2013	**2500**	**170**	<50	<50	<50
	6/28/2013	**2100**	**150**	<50	<50	<50
	9/25/2013	**2800**	**220**	<50	<50	<50
	12/17/2013	**1900**	**140**	<50	<50	<50
	3/18/2014	**3600**	**250**	<10	<10	<10
	6/24/2014	**2700**	**160**	<10	<10	<10
Dup	6/24/2014	**2700**	**170**	<10	<10	<10
Dup	9/8/2014	**3100**	**230**	<10	<10	<10
	3/25/2015	**2800**	**190**	<50.0	<50.0	<50.0
	9/15/2015	**2900**	**180**	<10	<10	<10
MW-22D	9/19/2006	**860**	**60**	<25	<25	<25
Dup	9/19/2006	**900**	**59**	<25	<25	<25
	12/19/2006	**490**	**58**	<25	<25	<25
	3/27/2007	**510**	**49**	<25	<25	<25
	6/20/2007	**830**	**100**	<25	<25	<25
	9/9/2007	**640**	**84**	<25	<25	<25
	12/5/2007	**590**	**75**	<25	<25	<25
	3/11/2008	**640**	**82**	<1.0	<1.0	<1.0
	6/16/2008	**1200**	**150**	<10	<10	<10

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	9/18/2008	**1200**	**130**	<10	<10	<10
	12/3/2008	**1000**	**130**	<50	<50	<10
	3/25/2009	**1900**	**250**	<50	<50	<50
	6/16/2009	**820**	**85**	<50	<50	<50
	9/29/2009	**640**	**65**	<50	<50	<50
	12/15/2009	**730**	**86**	<50	<50	<50
	3/24/2010	**700**	**73**	<50	<50	<50
	7/28/2010	**650**	**75**	<50	<50	<50
	9/22/2010	**910**	**75**	<10	<10	<10
	12/14/2010	**690**	**76**	<10	<10	<10
	3/30/2011	**940**	**100**	<10	<10	<10
	6/15/2011	**820**	**84**	<10	<10	<10
	9/21/2011	**940**	**110**	<50	<50	<50
	12/28/2011	**1300**	**120**	<50	<50	<50
	3/21/2012	**710**	**65**	<50	<50	<50
	6/20/2012	**780**	**80**	<10	<10	<10
	9/26/2012	**760**	**75**	<10	<10	<10
	12/19/2012	**880**	**79**	<10	<10	<10
	3/13/2013	**590**	**60**	<10	<10	<10
	6/28/2013	**640**	**72**	<10	<10	<10
	9/25/2013	**660**	**70**	<10	<10	<10
	12/17/2013	**730**	**73**	<10	<10	<10
	3/18/2014	**830**	**86**	<1.0	<1.0	<1.0
	6/24/2014	**650**	**67**	<1.0	<1.0	<1.0
	9/8/2014	**780**	**90**	<2.0	<2.0	<2.0
	3/25/2015	**690**	**72**	<10.0	<10.0	<10.0
	9/15/2015	**890**	**83**	<10.0	<10.0	<10.0
MW-25D	9/19/2006	**91**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2006	**71**	**1**	<1.0	<1.0	<1.0
	3/27/2007	**89**	**5.3**	<1.0	<1.05	<1.0
	6/20/2007	**93**	**1.1**	<1.0	<1.0	<1.0
	9/9/2007	**72**	**1.4**	<1.0	<1.0	<1.0
	12/5/2007	**93**	**1.3**	<1.0	<1.0	<1.0
	3/11/2008	**65**	**2.1**	<1.0	<1.0	<1.0
	6/16/2008	**130**	**2.6**	<1.0	<1.0	<1.0
	9/17/2008	**120**	**<5.0**	<1.0	<1.0	<1.0
	12/3/2008	**110**	**<5.0**	<5.0	<5.0	<5.0
	3/24/2009	**140**	**<5.0**	<5.0	<5.0	<5.0
	6/16/2009	**100**	**<5.0**	<5.0	<5.0	<5.0
	9/29/2009	**140**	**<5.0**	<5.0	<5.0	<5.0
	12/15/2009	**94**	**<5.0**	<5.0	<5.0	<5.0
	3/24/2010	**110**	**<5.0**	<5.0	<5.0	<5.0
	7/28/2010	**150**	**<5.0**	<5.0	<5.0	<5.0
	9/22/2010	**160**	**<5.0**	<5.0	<5.0	<5.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	12/14/2010	**140**	**<5.0**	<5.0	<5.0	<5.0
	3/30/2011	**150**	**6.7**	<5.0	<5.0	<5.0
	6/15/2011	**160**	**5.3**	<5.0	<5.0	<5.0
	9/21/2011	**180**	**10**	<5.0	<5.0	<5.0
	12/28/2011	**210**	**10**	<5.0	<5.0	<5.0
	3/21/2012	**170**	**7.3**	<5.0	<5.0	<5.0
	6/19/2012	**170**	**9.4**	<5.0	<5.0	<5.0
	9/26/2012	**170**	**9.4**	<5.0	<5.0	<5.0
	12/19/2012	**190**	**12**	<5.0	<5.0	<5.0
Dup	12/19/2012	**190**	**11**	<5.0	<5.0	<5.0
	3/13/2013	**180**	**11**	<5.0	<5.0	<5.0
	6/28/2013	**180**	**12**	<5.0	<5.0	<5.0
	9/25/2013	**220**	**16**	<1.0	<1.0	<1.0
	12/17/2013	**210**	**15**	<10	<10	<10
Dup	12/17/2013	**220**	**16**	<10	<10	<10
	3/18/2014	**320**	**19**	<1.0	<1.0	<1.0
	6/24/2014	**250**	**20**	<1.0	<1.0	<1.0
	9/8/2014	**270**	**24**	<1.0	<1.0	<1.0
	3/24/2015	**350**	**27**	<2.0	<2.0	<2.0
	9/15/2015	**330**	**28**	<1.0	<1.0	<1.0
MW-27*	9/20/2006	**660**	**320**	<25	<25	<25
	12/19/2006	**220**	**140**	<10	<10	<10
	3/27/2007	**700**	**490**	<10	14	<10
	6/21/2007	**520**	**440**	<10	16	14
	9/9/2007	**550**	**250**	<10	<10	<10
	12/5/2007	**350**	**190**	<10	<10	<10
	3/12/2008	**1200**	**190**	1.7	3.7	1.6
	6/16/2008	**1300**	**340**	<20	<20	<20
	9/18/2008	**1100**	**290**	<20	<20	<20
	12/4/2008	**1200**	**200**	<17	<17	<17
	3/25/2009	**940**	**380**	<50	<50	<50
	6/16/2009	**740**	**260**	<50	<50	<50
	9/29/2009	**640**	**100**	<50	<50	<50
	12/16/2009	**590**	**64**	<50	<50	<50
	3/24/2010	**600**	**170**	<50	<50	<50
	7/28/2010	**870**	**170**	<50	<50	<50
	9/22/2010	**750**	**170**	<20	<20	<20
	12/14/2010	**410**	**37**	<20	<20	<20
	3/30/2011	**450**	**83**	<1.0	2.1	1.8
	6/16/2011	**900**	**170**	1.5	4.1	1.3
	9/21/2011	**760**	**120**	<50	<50	<50
	12/28/2011	**1200**	**130**	<50	<50	<50
	3/21/2012	**720**	**160**	<50	<50	<50
	6/20/2012	**740**	**160**	<20	<20	<20

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	9/26/2012	**650**	**140**	<20	<20	<20
	12/19/2012	**810**	**110**	<20	<20	<20
	3/13/2013	**470**	**130**	<20	<20	<20
	6/28/2013	**750**	**310**	<20	<20	<20
	9/25/2013	**1000**	**200**	<20	<20	<20
	12/17/2013	**850**	**100**	<20	<20	<20
	3/18/2014	**1000**	**200**	3.0	9.7	<2.0
Dup	3/18/2014	**940**	**190**	3.1	9.7	2.0
	6/24/2014	**950**	**190**	2.9	10	<2.0
	9/9/2014	**1200**	**250**	<2.0	9.9	<2.0
	3/24/2015	**720**	**130**	<10.0	<10.0	<10.0
	9/15/2015	**1100**	**220**	2.9	11	<2.0
MW-28S*	9/19/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**1.2**	**<1.0**	<1.0	<1.0	<1.0
	3/27/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/17/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/3/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/29/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/13/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/20/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/27/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/13/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	9/8/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/15/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
Dup	9/15/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-28D	9/19/2006	**5.5**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/17/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/3/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/29/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/20/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/27/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/13/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2014	**<1.**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/15/2015	**<1.0**	**<1.0**	,1.0	<1.0	<1.0
MW-30S*	9/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	3/10/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/2/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/28/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/13/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/14/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/20/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/27/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
Dup	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/14/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-30D	9/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/2/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/28/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

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WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/13/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/14/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/20/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/27/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**1.2**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2014	**2.1**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**3.1**	**<1.0**	<1.0	<1.0	<1.0
	9/14/2015	**6.8**	**<1.0**	<1.0	<1.0	<1.0
MW-31S*	9/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/3/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/28/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/13/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/14/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/20/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/27/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/15/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-31D	9/18/2006	**1.3**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**1.3**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**1.1**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**3.6**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**5.9**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2008	**5.5**	**<1.0**	<1.0	<1.0	<1.0
	12/3/2008	**6.3**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2009	**7.9**	**1.2**	<1.0	<1.0	<1.0
	6/15/2009	**8.8**	**1.3**	<1.0	<1.0	<1.0
	9/29/2009	**14**	**2.3**	<1.0	<1.0	<1.0
	12/14/2009	**12**	**2.5**	<1.0	<1.0	<1.0
	3/23/2010	**18**	**3.4**	<1.0	<1.0	<1.0
	7/27/2010	**24**	**5.2**	<1.0	<1.0	<1.0
	9/21/2010	**38**	**8.4**	<1.0	<1.0	<1.0
	12/13/2010	**43**	**6.8**	<1.0	<1.0	<1.0
	3/29/2011	**38**	**7.9**	<1.0	<1.0	<1.0
	6/14/2011	**31**	**5.8**	<1.0	<1.0	<1.0
	9/20/2011	**42**	**7.6**	<1.0	<1.0	<1.0
	12/27/2011	**75**	**16**	<1.0	<1.0	<1.0
	3/20/2012	**31**	**7.2**	<1.0	<1.0	<1.0
	6/19/2012	**38**	**9.1**	<1.0	<1.0	<1.0
	9/26/2012	**58**	**13**	<1.0	<1.0	<1.0
	12/19/2012	**72**	**14**	<1.0	<1.0	<1.0
	3/12/2013	**60**	**12**	<1.0	<1.0	<1.0
	6/28/2013	**39**	**10**	<1.0	<1.0	<1.0
	9/25/2013	**62**	**14**	<1.0	<1.0	<1.0
	12/16/2013	**92**	**19**	<1.0	<1.0	<1.0
	3/18/2014	**95**	**14**	<1.0	<1.0	<1.0
	3/23/2015	**58**	**13**	<1.0	<1.0	<1.0
	9/15/2015	**86**	**20**	<1.0	<1.0	<1.0
MW-34	9/19/2006	**90**	**4.4**	<1.0	<1.0	<1.0
	12/19/2006	**19**	**<1.0**	<1.0	<1.0	<1.0

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WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
Dup	12/19/2006	**19**	**<1.0**	<1.0	<1.0	<1.0
	3/27/2007	**7.6**	**<1.0**	<1.0	<1.0	<1.0
	6/19/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/5/2007	**22**	**1.1**	<1.0	<1.0	<1.0
	3/11/2008	**48**	**1.3**	<1.0	<1.0	<1.0
	6/16/2008	**44**	**1.6**	<1.0	<1.0	<1.0
	9/17/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/18/2008	**<1.0**	**<1.1**	<1.0	<1.0	<1.0
	3/24/2009	**<1.0**	**<1.2**	<1.0	<1.0	<1.0
	6/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/29/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2009	**1.6**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/30/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/14/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/23/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**2.1**	**<1.0**	<1.0	<1.0	<1.0
MW-35*	9/18/2006	**27**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2006	**14**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2007	**23**	**<1.0**	<1.0	<1.0	<1.1
	6/19/2007	**22**	**<1.0**	<1.0	<1.0	<1.0
	9/8/2007	**24**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2007	**25**	**<1.0**	<1.0	<1.0	<1.0
	3/10/2008	**28**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**63**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2008	**56**	**<1.0**	<1.0	<1.0	<1.0
	12/2/2008	**59**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	3/24/2009	**74**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2009	**70**	**<1.0**	<1.0	<1.0	<1.0
	9/28/2009	**83**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2009	**78**	**<5.0**	<5.0	<5.0	<5.0
	3/23/2010	**89**	**<1.0**	<1.0	<1.0	<1.0
	7/27/2010	**58**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2010	**84**	**<2.0**	<2.0	<2.0	<2.0
	12/13/2010	**88**	**<1.0**	<1.0	<1.0	<1.0
	3/29/2011	**130**	**<2.0**	<2.0	<2.0	<2.0
	6/14/2011	**98**	**<2.0**	<2.0	<2.0	<2.0
	9/20/2011	**230**	**3**	<2.0	<2.0	<2.0
	12/27/2011	**330**	**<10**	<10	<10	<10
	3/20/2012	**170**	**<10**	<10	<10	<10
	6/19/2012	**220**	**<5.0**	<5.0	<5.0	<5.0
	9/26/2012	**170**	**<5.0**	<5.0	<5.0	<5.0
	12/19/2012	**310**	**4.2**	<5.0	<5.0	<5.0
	3/12/2013	**290**	**<5.0**	>5.0	>5.0	>5.0
	6/28/2013	**260**	**<10**	<10	<10	<10
	9/25/2013	**240**	**4.7**	<1.0	<1.0	<1.0
	12/26/2013	**260**	**5.2**	<1.0	<1.0	<1.0
	3/18/2014	**320**	**4.3**	<1.0	<1.0	<1.0
	6/24/2014	**240**	**4.6**	<1.0	<1.0	<1.0
	9/8/2014	**310**	**6.1**	<1.0	<1.0	<1.0
	3/23/2015	**230**	**4.4**	<2.0	<2.0	<2.0
Dup	3/23/2015	**230**	**4.3**	<2.0	<2.0	<2.0
	9/14/2015	**270**	**5.4**	<1.0	<1.0	<1.0
MW-37*	9/20/2006	**880**	**60**	<50	<50	<50
	12/19/2006	**490**	**59**	<20	<20	<20
	3/27/2007	**440**	**44**	<20	<20	<20
	6/21/2007	**580**	**62**	<20	<20	<20
	9/8/2007	**680**	**74**	<20	<20	<20
	12/5/2007	**810**	**79**	<20	<20	<20
	3/12/2008	**940**	**96**	<1.0	<1.0	<1.0
	6/16/2008	**1100**	**110**	<20	<20	<20
	9/18/2008	**590**	**60**	<20	<20	<20
	12/4/2008	**890**	**99**	<17	<17	<17
	3/25/2009	**460**	**41**	<10	<10	<10
	6/17/2009	**820**	**89**	<10	<10	<10
	9/29/2009	**600**	**55**	<10	<10	<10
	12/16/2009	**590**	**59**	<10	<10	<10
	3/24/2010	**720**	**63**	<10	<10	<10
	7/28/2010	**690**	**64**	<10	<10	<10
	9/22/2010	**740**	**69**	<10	<10	<10
	12/14/2010	**760**	**79**	<10	<10	<10

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	3/30/2011	**980**	**100**	<10	<10	<10
	6/16/2011	**900**	**100**	<10	<10	<10
	9/21/2011	**720**	**66**	<10	<10	<10
	12/28/2011	**890**	**100**	<10	<10	<10
Dup	12/28/2011	**840**	**91**	<10	<10	<10
	3/21/2012	**830**	**88**	<10	<10	<10
	6/20/2012	**590**	**64**	<20	<20	<20
	9/26/2012	**500**	**50**	<20	<20	<20
	12/19/2012	**670**	**69**	<20	<20	<20
	3/13/2013	**960**	**100**	<20	<20	<20
	6/28/2013	**660**	**78**	<20	<20	<20
	9/25/2013	**720**	**83**	<20	<20	<20
	12/17/2013	**620**	**66**	<20	<20	<20
	3/18/2014	**790**	**99**	<2.0	2.0	<2.0
	6/25/2014	**650**	**78**	<2.0	<2.0	<2.0
	9/9/2014	**700**	**87**	<2.0	<2.0	<2.0
DUP	9/9/2014	**700**	**86**	<2.0	<2.0	<2.0
	3/24/2015	**790**	**88**	<10.0	<10.0	<10.0
	9/15/2015	**720**	**74**	<2.0	<2.0	<2.0
MW-38	9/20/2006	**1.8**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2006	**9.1**	**<10**	<1.0	<1.0	<1.0
	3/27/2007	**6.2**	**1**	<1.0	<1.0	<1.0
	6/20/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**12**	**1**	<1.0	<1.0	<1.0
	12/6/2007	**9.1**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**16**	**<1.0**	<1.0	<1.0	<1.0
	9/17/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2009	**25**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/30/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**NA**	**NA**	NA	NA	NA
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/30/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/13/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-38S*	9/20/2006	**35**	**1.5**	<1.0	<1.0	<1.0
	12/19/2006	**16**	**<1.0**	<1.0	<1.0	<1.0
	3/27/2007	**15**	**1.6**	<1.0	<1.0	<1.0
	6/20/2007	**14**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**30**	**1.8**	<1.0	<1.0	<1.0
Dup	9/9/2007	**32**	**1.8**	<1.0	<1.0	<1.0
	12/6/2007	**13**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**5.4**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**20**	**1.1**	<1.0	<1.0	<1.0
	9/16/2008	**2.7**	**1.1**	<1.0	<1.0	<1.0
	12/4/2008	**3.4**	**<1.0**	<1.0	<1.0	<1.0
	3/26/2009	**84**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**3.5**	**<1.0**	<1.0	<1.0	<1.0
	9/30/2009	**4.5**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**2.7**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**2.8**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**15**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**10**	**<1.0**	<1.0	<1.0	<1.0
	12/14/2010	**2.2**	**<1.0**	<1.0	<1.0	<1.0
	3/30/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**4.7**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**6.1**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**3.7**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**3.4**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**9.6**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**2.5**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**1.2**	**<1.0**	<1.0	<1.0	<1.0
	3/13/2013	**1.7**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**9.6**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**14**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**2.6**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**3.9**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**7.5**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**12**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	3/24/2015	**1.1**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**7.4**	**<1.0**	<1.0	<1.0	<1.0
MW-41	12/19/2006	**170**	**17**	<10	<10	<10
	3/27/2007	**250**	**16**	<5	<5	<5
	3/27/2007	**240**	**16**	<5	<5	<5
Dup	6/20/2007	**240**	**25**	<1.0	<1.0	<1.0
	9/8/2007	**200**	**20**	<5.0	<5.0	<5.0
	12/4/2007	**240**	**21**	<5.0	<5.0	<5.0
	3/11/2008	**250**	**35**	<1.0	<1.0	<1.0
	6/16/2008	**400**	**44**	<1.0	<1.0	<1.0
	9/17/2008	**460**	**38**	<1.0	<1.0	<1.0
	12/3/2008	**450**	**43**	<10	<10	<10
	3/24/2009	**620**	**75**	<10	<10	<10
	6/16/2009	**520**	**39**	<10	<10	<10
	9/29/2009	**390**	**34**	<1.0	<1.0	<1.0
	12/15/2009	**400**	**37**	<10	<10	<10
	3/24/2010	**390**	**33**	<10	<10	<10
	7/28/2010	**490**	**47**	<10	<10	<10
	9/22/2010	**570**	**64**	<10	<10	<10
	12/14/2010	**480**	**46**	<20	<20	<20
	3/30/2011	**600**	**61**	<20	<20	<20
	6/15/2011	**500**	**46**	<20	<20	<20
	9/21/2011	**560**	**51**	<10	<10	<10
	12/28/2011	**720**	**83**	<20	<20	<20
	3/21/2012	**550**	**51**	<20	<20	<20
	6/19/2012	**480**	**53**	<20	<20	<20
	9/26/2012	**450**	**45**	<20	<20	<20
	12/19/2012	**550**	**57**	<20	<20	<20
	3/3/2013	**540**	**57**	<20	<20	<20
	6/28/2013	**530**	**57**	<10	<10	<10
	9/25/2013	**630**	**65**	<20	<20	<20
	12/17/2013	**540**	**58**	<10	<10	<10
	3/18/2014	**1000**	**82**	<1.0	<1.0	<1.0
	6/24/2014	**540**	**55**	<1.0	<1.0	<1.0
	9/8/2014	**590**	**70**	<2.0	<2.0	<2.0
	3/24/2015	**620**	**66**	<10.0	<10.0	<10.0
	9/15/2015	**680**	**71**	<1.0	2.8	<1.0
MW-43	6/20/2012	**600**	**<10**	<10	<10	<10
MW-44	9/20/2006	**400**	**<10**	<10	<10	<10
	12/20/2006	**370**	**<10**	<10	<10	<10
	12/20/2006	**350**	**<10**	<10	<10	<10
Dup	3/28/2007	**350**	**<10**	<10	<10	<10
	6/20/2007	**510**	**<10**	<10	<10	<10
	9/9/2007	**410**	**<10**	<10	<10	<10

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	12/6/2007	**690**	**<10**	<10	<10	<10
	3/11/2008	**1000**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**1100**	**<20**	<20	<20	<20
	9/18/2008	**1000**	**<20**	<20	<20	<20
	12/4/2008	**1400**	**<17**	<17	<17	<17
	3/26/2009	**2100**	**<50**	<50	<50	<50
	6/17/2009	**2100**	**<50**	<50	<50	<50
	9/30/2009	**2200**	**<50**	<50	<50	<50
	12/16/2009	**3500**	**<50**	<50	<50	<50
	3/24/2010	**2600**	**<50**	<50	<50	<50
	7/28/2010	**2800**	**<50**	<50	<50	<50
	9/22/2010	**2100**	**<50**	<50	<50	<50
	12/15/2010	**2700**	**<50**	<50	<50	<50
	3/30/2011	**3200**	**<50**	<50	<50	<50
	6/16/2011	**3400**	**<50**	<50	<50	<50
	9/21/2011	**3000**	**<50**	<50	<50	<50
	12/29/2011	**4300**	**<50**	<50	<50	<50
	3/21/2012	**3500**	**<50**	<50	<50	<50
Dup	3/21/2012	**3300**	**<50**	<50	<50	<50
	6/20/2012	**3500**	**<500**	<500	<500	<500
	6/20/2012	**2700**	**<50**	<50	<50	<50
	9/26/2012	**3100**	**<100**	<100	<100	<100
Dup	9/26/2012	**3100**	**<100**	<100	<100	<100
	12/19/2012	**3500**	**<100**	<100	<100	<100
	3/13/2013	**3000**	**<100**	<100	<100	<100
	6/28/2013	**3300**	**<100**	<100	<100	<100
	9/25/2013	**3200**	**<100**	<100	<100	<100
	12/17/2013	**3300**	**<100**	<100	<100	<100
	3/18/2014	**3100**	**68**	<10	<10	<10
	6/24/2014	**2300**	**75**	<1.0	<1.0	<1.0
	9/9/2014	**2700**	**86**	<5.0	<5.0	<5.0
	3/24/2015	**2500**	**74**	<50.0	<50.0	<50.0
	9/16/2015	**2800**	**74**	<10	<10	<10
MW-45	12/20/2006	**9.1**	**<1.0**	<1.0	<1.0	<1.0
	3/28/2007	**9.6**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2007	**6.5**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**14**	**<1.0**	<1.0	<1.0	<1.0
	12/6/2007	**18**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**31**	**<1.0**	<1.0	<1.0	<1.0
	9/17/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	9/30/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/31/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/15/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/29/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/13/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/18/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2015	**NS**	**NS**	NS	NS	NS
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-46	9/21/2006	**36**	**<1.0**	<1.0	<1.0	<1.0
Dup	12/20/2006	**32**	**<1.0**	<1.0	<1.0	<1.0
	3/28/2007	**49**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2007	**39**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**39**	**<1.0**	<1.0	<1.0	<1.0
	12/6/2007	**36**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**64**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**63**	**1.4**	<1.0	<1.0	<1.0
	9/17/2008	**30**	**17**	<1.0	<1.0	<1.0
	12/4/2008	**40**	**13**	<1.0	<1.0	<1.0
	3/25/2009	**63**	**4.2**	<1.0	<1.0	<1.0
	6/17/2009	**50**	**7.7**	<1.0	<1.0	<1.0
	9/30/2009	**69**	**8.0**	<1.0	<1.0	<1.0
	12/16/2009	**64**	**2.2**	<1.0	<1.0	<1.0
	3/24/2010	**25**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**68**	**4.5**	<1.0	<1.0	<1.0
	9/22/2010	**87**	**5**	<1.0	<1.0	<1.0
	12/15/2010	**75**	**5**	<1.0	<1.0	<1.0
	3/31/2011	**3**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2011	**55**	**2.6**	<1.0	<1.0	<1.0
	9/21/2011	**44**	**2.8**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	12/29/2011	**14**	**1.6**	<1.0	<1.0	<1.0
	3/21/2012	**59**	**3.1**	<1.0	<1.0	<1.0
	6/20/2012	**86**	**8.8**	<1.0	<1.0	<1.0
	9/26/2012	**88**	**18**	<1.0	<1.0	<1.0
	12/19/2012	**96**	**16**	<1.0	<1.0	<1.0
	3/13/2013	**25**	**3.4**	<1.0	<1.0	<1.0
	6/28/2013	**62**	**30**	<1.0	<1.0	<1.0
	9/25/2013	**74**	**54**	<1.0	<1.0	<1.0
	12/18/2013	**78**	**31**	<1.0	<1.0	<1.0
	3/18/2014	**110**	**18**	<1.0	<1.0	<1.0
	6/24/2014	**130**	**13**	<1.0	<1.0	<1.0
	9/9/2014	**190**	**12**	<1.0	<1.0	<1.0
	3/24/2015	**NS**	**NS**	NS	NS	NS
	9/16/2015	**210**	**11**	<1.0	<1.0	<1.0
MW-47*	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
MW-48*	3/18/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**2.4**	**<1.0**	<1.0	<1.0	<1.0
CS-1	6/20/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/6/2007	**1.2**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/18/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/30/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2010	**4.1**	**<1.0**	<1.0	<1.0	<4.1
	3/31/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2011	**3.1**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**2.3**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
	6/20/2012	**1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**5.8**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**2.9**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**2.1**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**5.3**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
CS-2	6/20/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/6/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/18/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/30/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/31/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2011	**4.5**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**2.4**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**2.9**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**4.8**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**2.9**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**2.9**	**1.2**	<1.0	<1.0	<1.0
	12/17/2013	**1.1**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**4.9**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0

GROUNDWATER ANALYTICAL RESULTS SUMMARY FOR CHLORINATED ORGANICS
WATER VALLEY, MISSISSIPPI

Well No.	Date	Trichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
	MCL (µg/L)	**5**	**70**	**7**	**100**	**2**
	AWQC (µg/L)**	**0.6**	**-**	**300**	**100**	**0.022**
CS-3	6/20/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/6/2007	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/18/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/4/2008	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/17/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/30/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/16/2009	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/24/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	7/28/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/22/2010	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/15/2010	**2.8**	**<1.0**	<1.0	<1.0	<2.8
	3/31/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/16/2011	**4.9**	**<1.0**	<1.0	<1.0	<1.0
	9/21/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	12/28/2011	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/21/2012	**2.3**	**<1.0**	<1.0	<1.0	<1.0
	6/20/2012	**3.5**	**<1.0**	<1.0	<1.0	<1.0
	9/26/2012	**5.5**	**<1.0**	<1.0	<1.0	<1.0
	12/19/2012	**1**	**<1.0**	<1.0	<1.0	<1.0
	3/12/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	6/28/2013	**2.7**	**<1.0**	<1.0	<1.0	<1.0
	9/25/2013	**1.5**	**<1.0**	<1.0	<1.0	<1.0
	12/17/2013	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/18/2014	**7.5**	**<1.0**	<1.0	<1.0	<1.0
	6/24/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	9/9/2014	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
	3/25/2015	**<1.0**	**<1.0**	<1.0	2.8	<1.0
	9/16/2015	**<1.0**	**<1.0**	<1.0	<1.0	<1.0
RW-2	3/14/2013	**91**	**6.6**	<1.0	<1.0	<1.0
RW-3	3/14/2013	**1.2**	**<1.0**	<1.0	<1.0	<1.0

Note: All results in micrograms per liter (µg/L)

**= AWQC changed June 2015. Prior to June 2015 update: (in ug/L)

TCE	2.5
cis-1,2-DCE	none
trans-1,2-DCE	140
1,1-DCE	330
VC	0.025

Key:

Dup =	Duplicate sample results
NA =	Not analyzed
Bold =	Above Maximum Contaminant Level (MCL)
Italic =	Laboratory Reporting Limit above MCL
• =	Shallow wells
CS =	Creek Sample

\\bufnas7b\GISRegional\Pensacola\Water_Valley\maps\mxds\winter_2016\TCE_Concentration_Isopleth.mxd

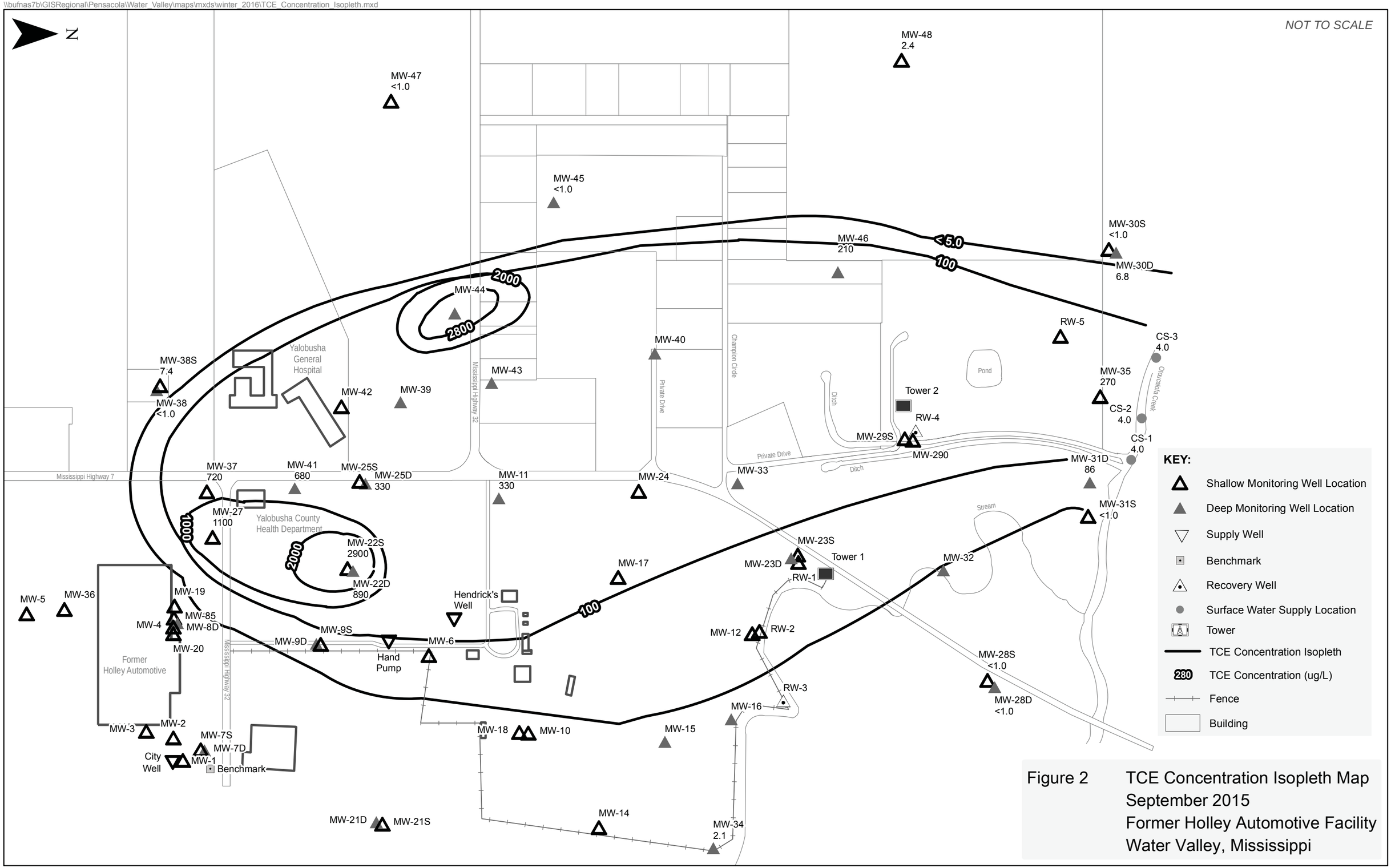


Figure 2 TCE Concentration Isopleth Map
September 2015
Former Holley Automotive Facility
Water Valley, Mississippi

\\bufnas7b\GISRegional\Pensacola\Water_Valley\maps\mxds\winter_2016\Potentiometric_Surface.mxd

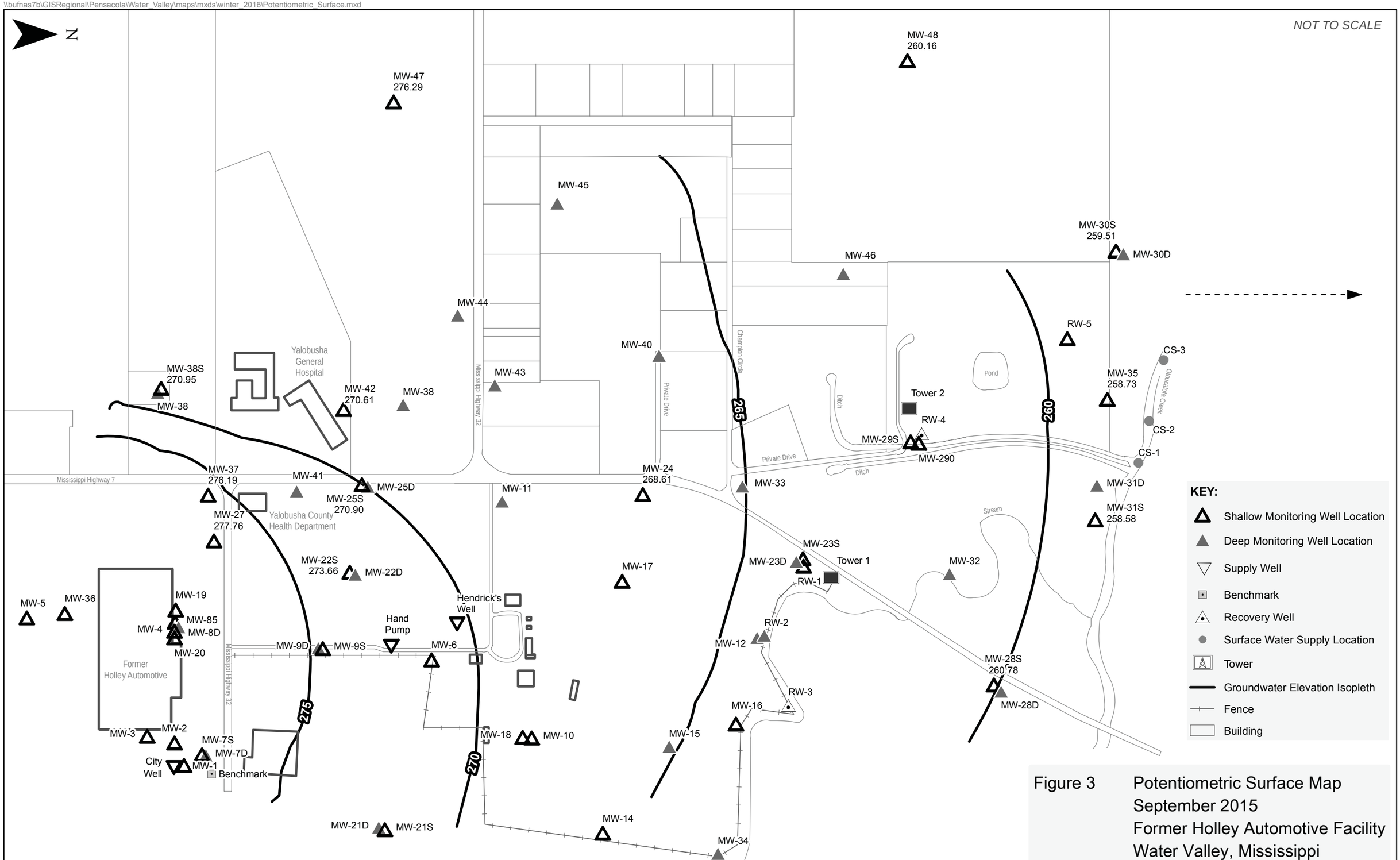
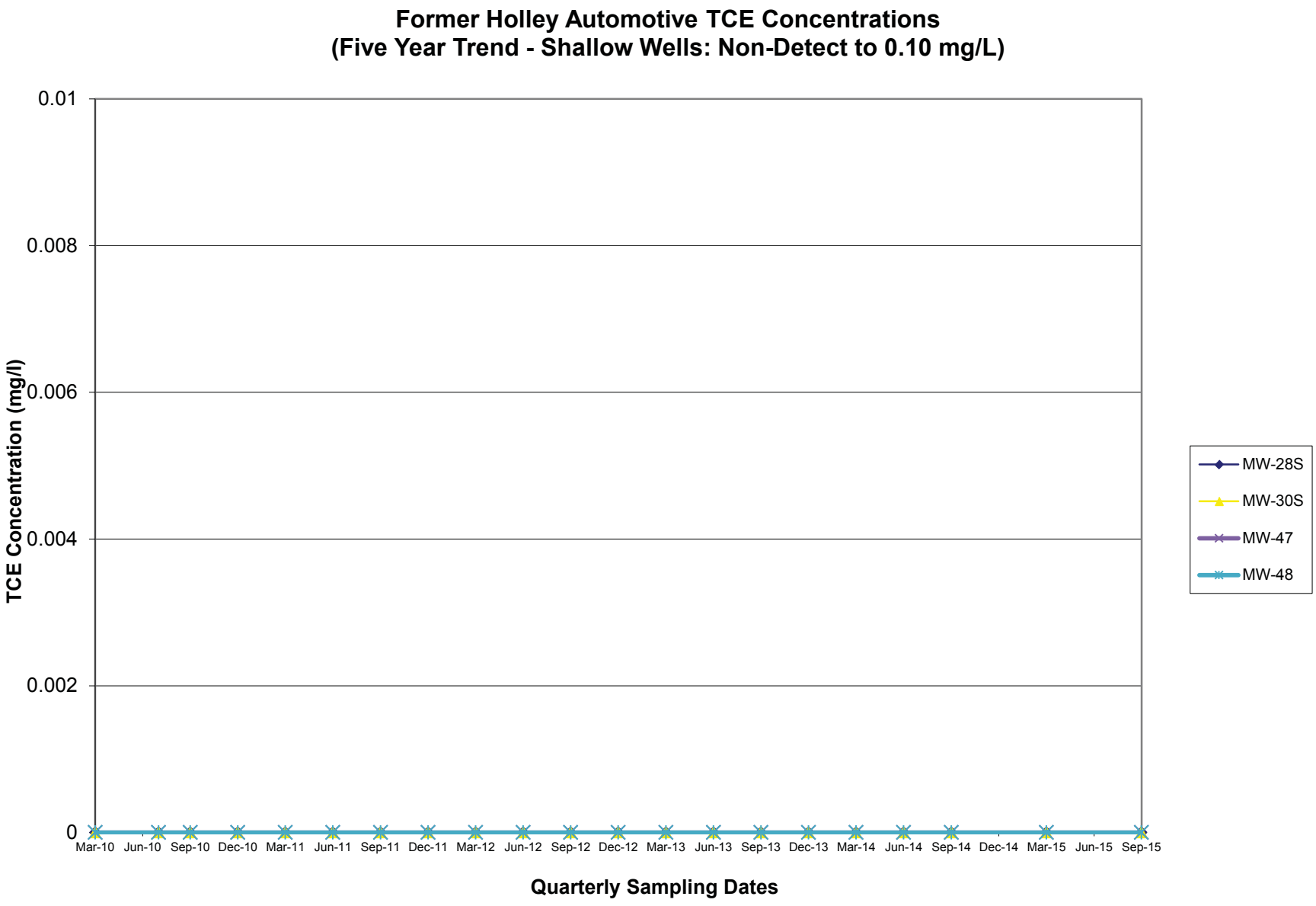
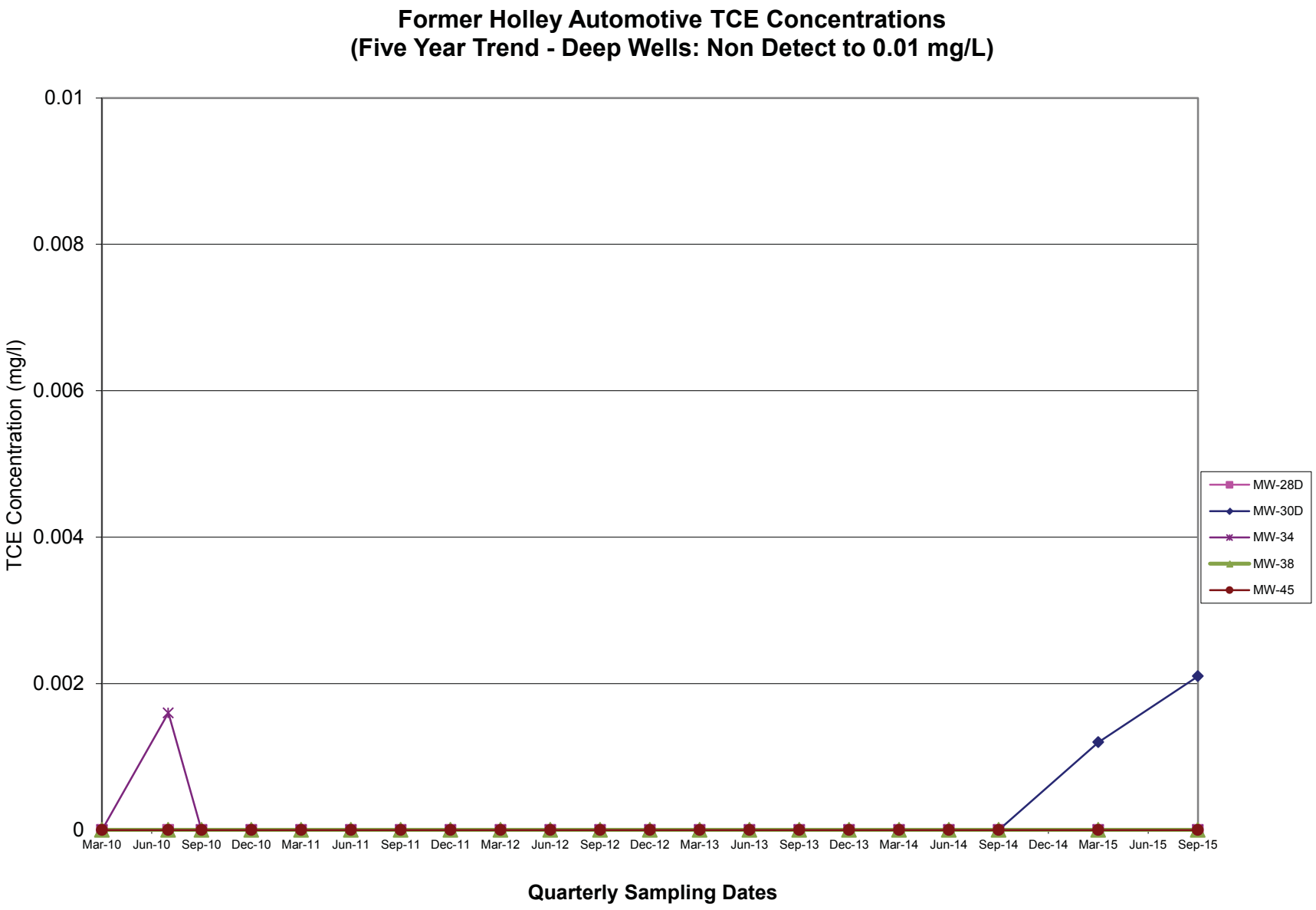
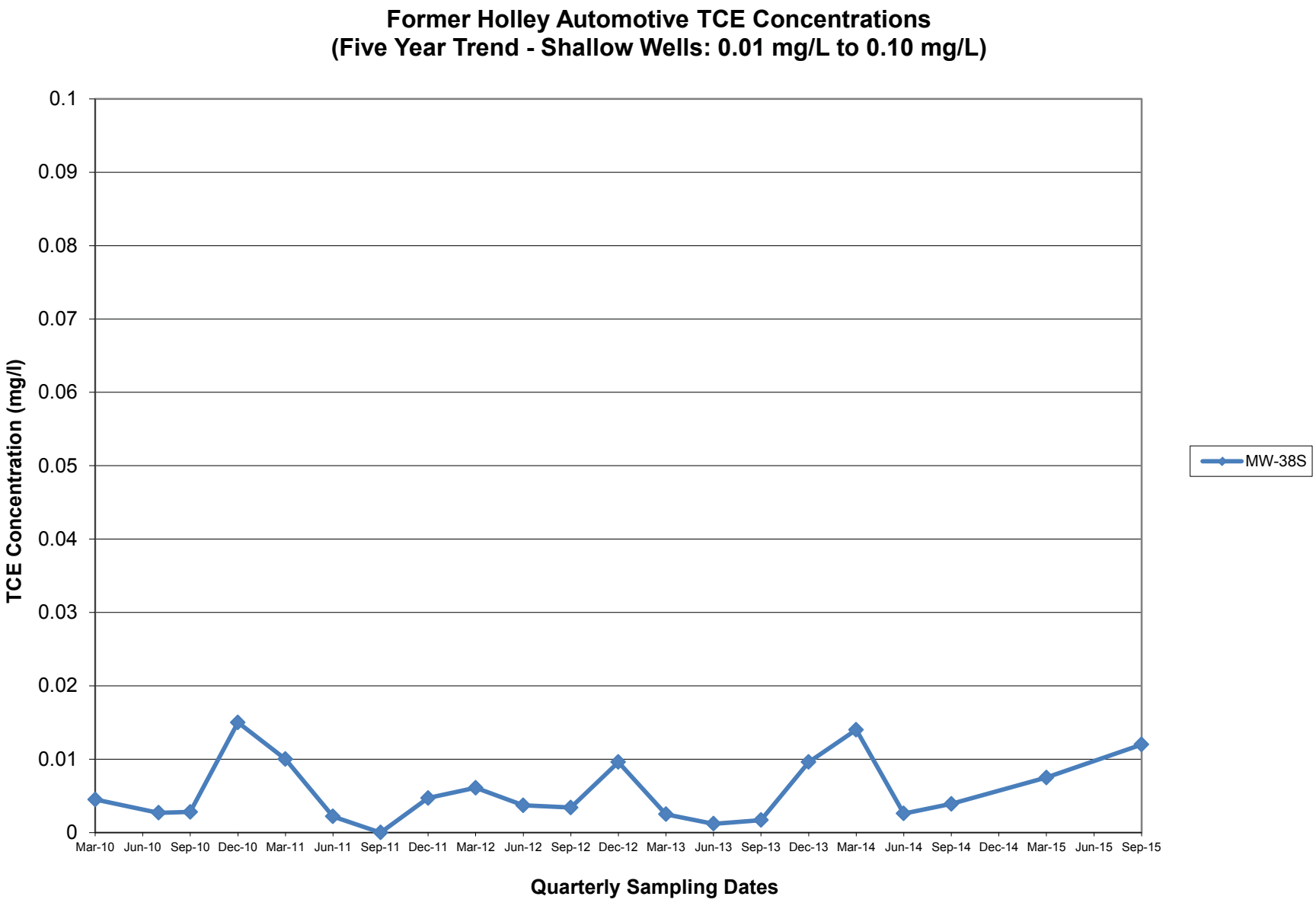


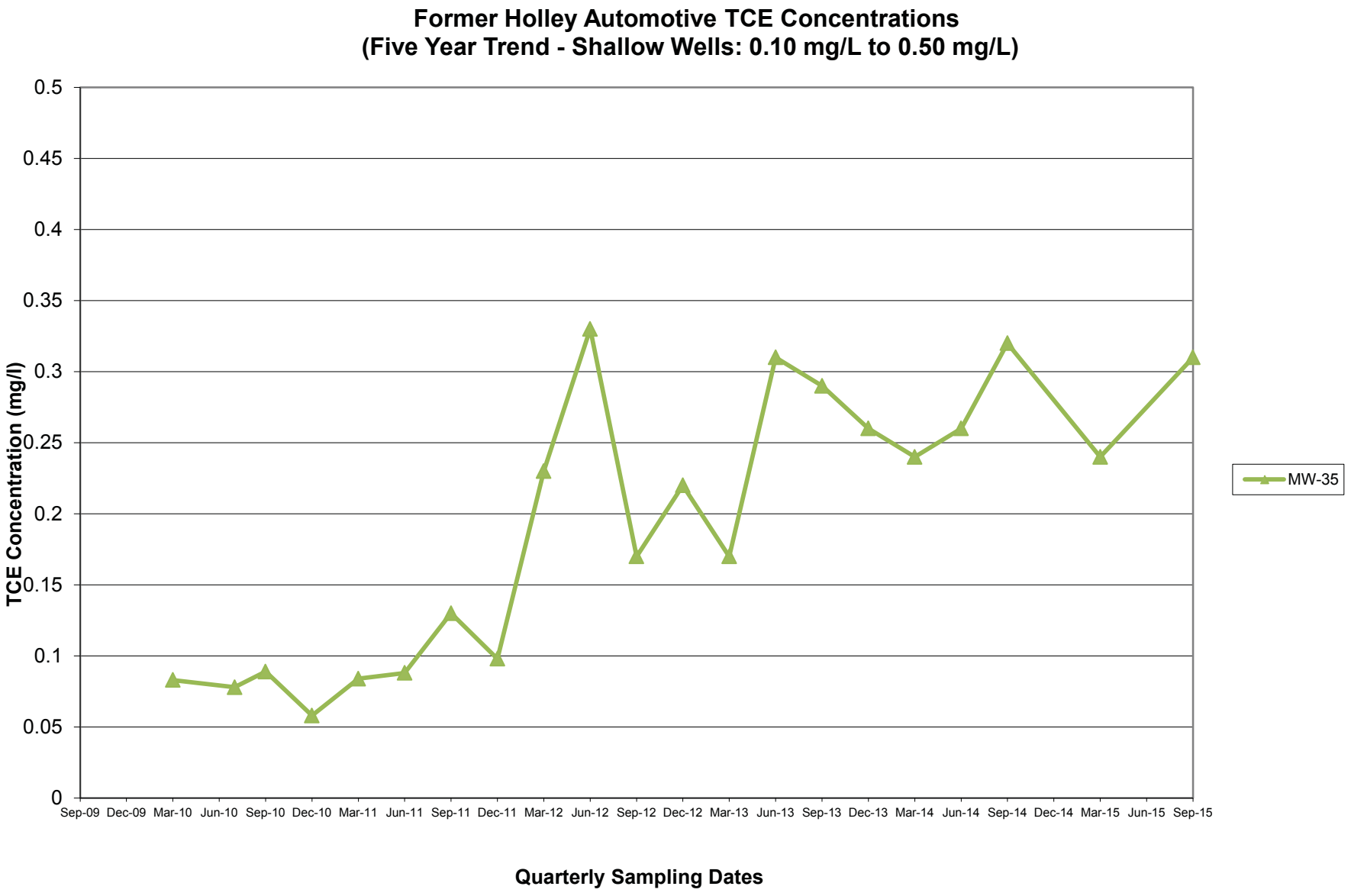
Figure 3 Potentiometric Surface Map
September 2015
Former Holley Automotive Facility
Water Valley, Mississippi

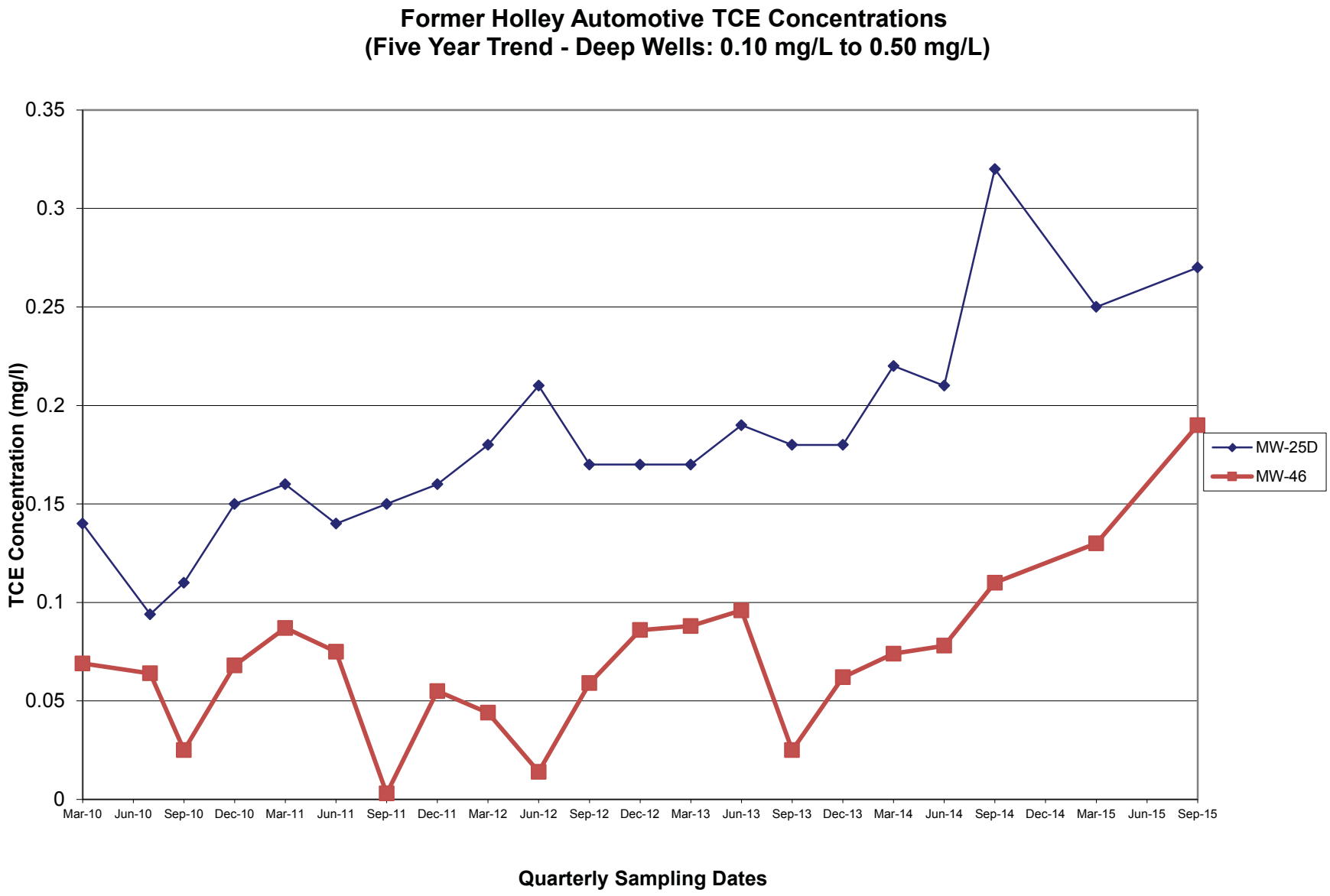
ATTACHMENT A

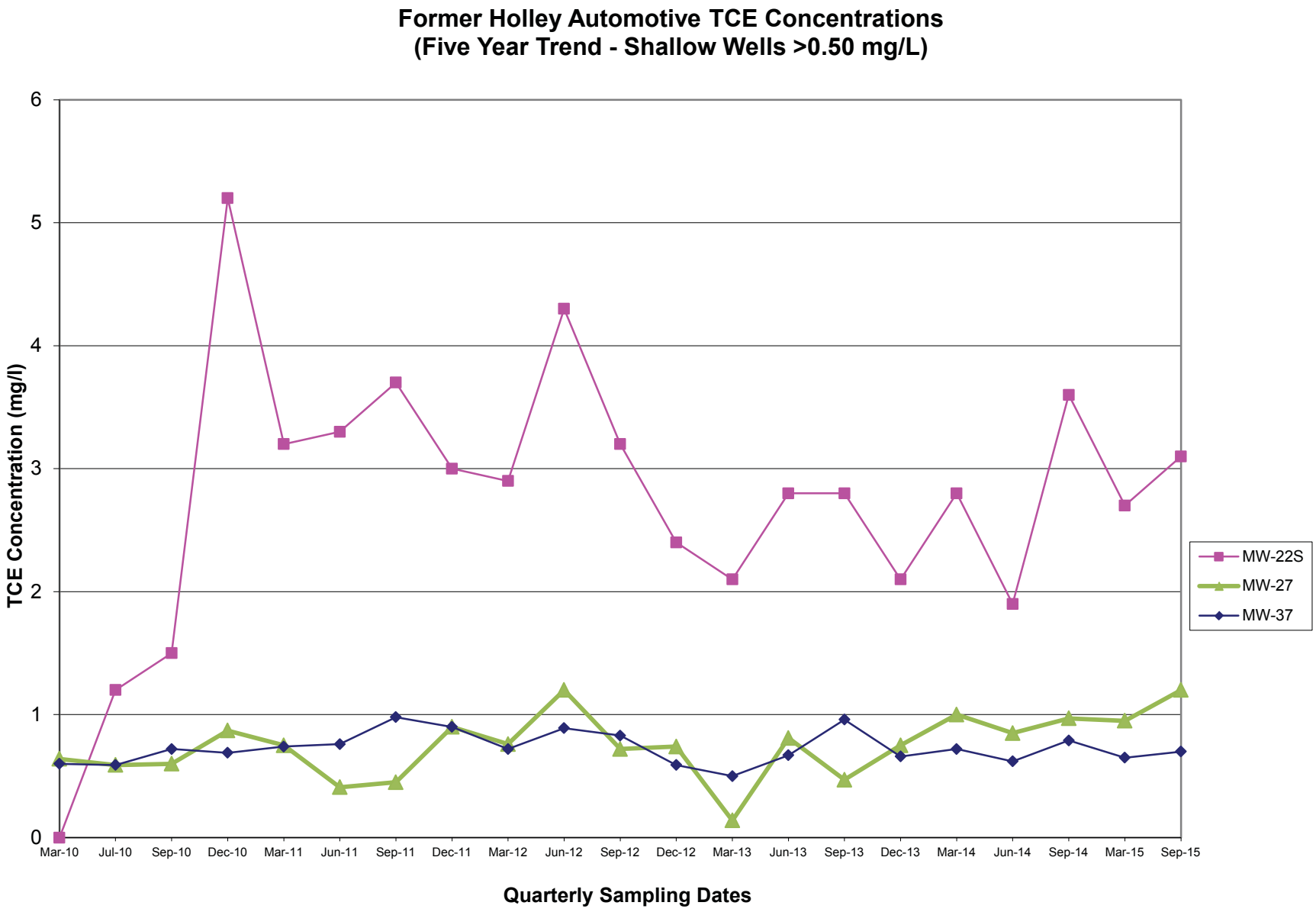

Former Holley Automotive TCE Concentrations
(Five Year Trend - Shallow Wells: Non-Detect to 0.10 mg/L)
TCE Concentration (mg/l)
0.01
0.008
0.006
0.004
0.002
0
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Sep-15
Quarterly Sampling Dates
MW-28S
MW-30S
MW-47
MW-48

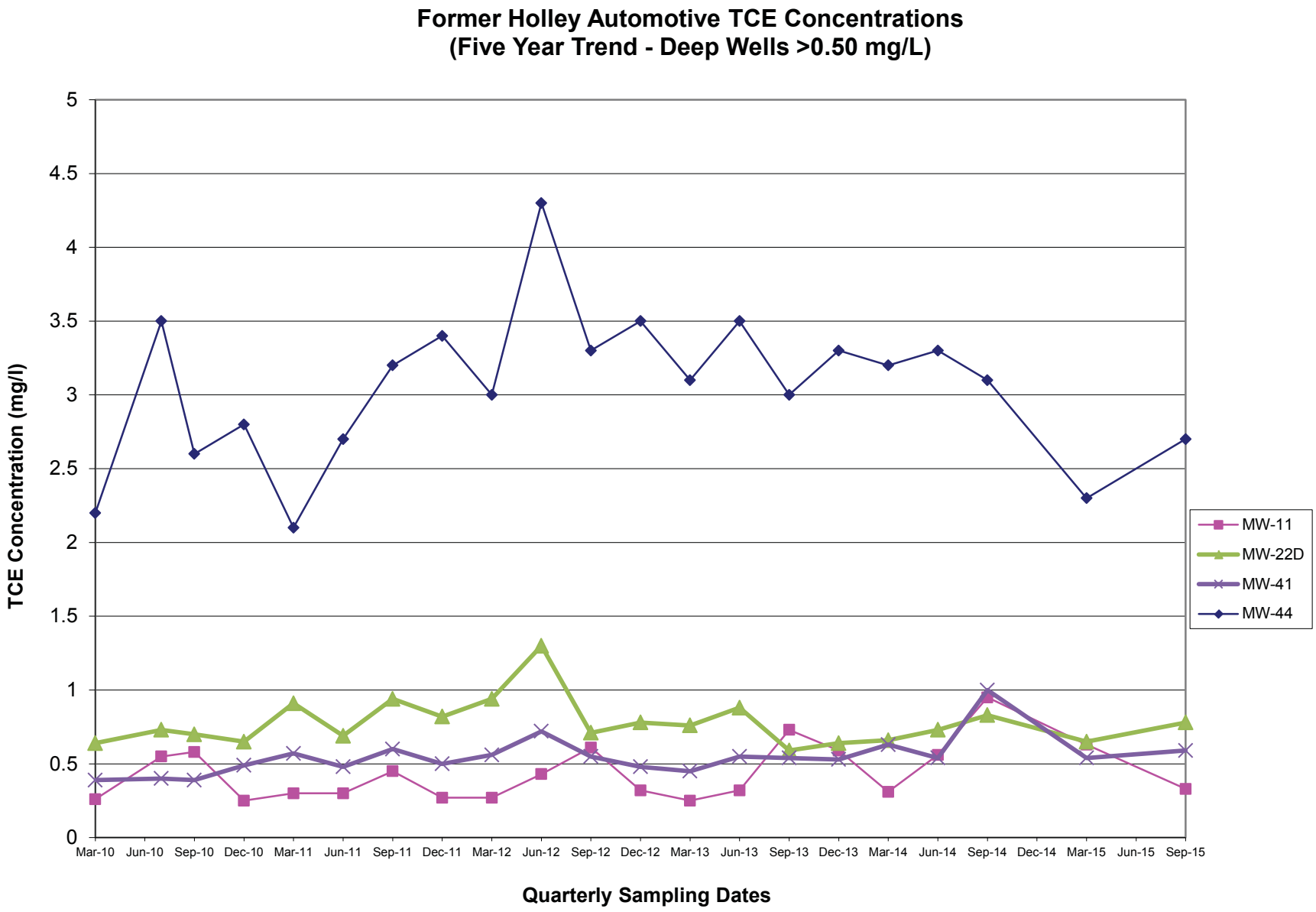

Former Holley Automotive TCE Concentrations
(Five Year Trend - Deep Wells: Non Detect to 0.01 mg/L)
TCE Concentration (mg/l)
0.01
0.008
0.006
0.004
0.002
0
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Sep-15
Quarterly Sampling Dates
MW-28D
MW-30D
MW-34
MW-38
MW-45


Former Holley Automotive TCE Concentrations
(Five Year Trend - Shallow Wells: 0.01 mg/L to 0.10 mg/L)
TCE Concentration (mg/l)
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Sep-15
Quarterly Sampling Dates
MW-38S


Former Holley Automotive TCE Concentrations
(Five Year Trend - Shallow Wells: 0.10 mg/L to 0.50 mg/L)
TCE Concentration (mg/l)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Sep-09 Dec-09 Mar-10 Jun-10 Sep-10 Dec-10 Mar-11 Jun-11 Sep-11 Dec-11 Mar-12 Jun-12 Sep-12 Dec-12 Mar-13 Jun-13 Sep-13 Dec-13 Mar-14 Jun-14 Sep-14 Dec-14 Mar-15 Jun-15 Sep-15
Quarterly Sampling Dates
MW-35


Former Holley Automotive TCE Concentrations
(Five Year Trend - Deep Wells: 0.10 mg/L to 0.50 mg/L)
TCE Concentration (mg/l)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Sep-15
MW-25D
MW-46
Quarterly Sampling Dates


Former Holley Automotive TCE Concentrations
(Five Year Trend - Shallow Wells >0.50 mg/L)
TCE Concentration (mg/l)
0
1
2
3
4
5
6
Mar-10
Jul-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Mar-15
Sep-15
Quarterly Sampling Dates
MW-22S
MW-27
MW-37


Former Holley Automotive TCE Concentrations
(Five Year Trend - Deep Wells >0.50 mg/L)
TCE Concentration (mg/l)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Sep-15
Quarterly Sampling Dates
MW-11
MW-22D
MW-41
MW-44

ATTACHMENT B

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-110980-1
Client Project/Site: Water Valley Mississippi, Former Holley

For:
Ecology and Environment, Inc.
700 South Palafox
Suite 100
Pensacola, Florida 32502

Attn: Mr. Andrew M Hill

Authorized for release by:
9/30/2015 2:55:19 PM

Matt Jones, Project Management Assistant I
(850)878-3994
matt.jones@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client Sample Results 6
QC Sample Results 18
Chronicle 23
Method Summary 28
Chain of Custody 29

Definitions/Glossary

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Job ID: 400-110980-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-110980-1

Comments
No additional comments.

Receipt
The samples were received on 9/15/2015 at 9:31 AM, 9/16/2015 at 9:26 AM and 9/17/2015 at 8:56 AM. The samples arrived in good condition, properly preserved, and on ice. The temperatures of the 3 coolers at receipt time were 2.7º C, 2.7º C and 3.6º C.

GC/MS VOA
Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-37 (400-111034-3), MW-22S (400-111034-6), MW-25D (400-111034-7), MW-27 (400-111034-9), and MW-44 (400-111097-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-110980-1	TRIP BLANK 091415	Water	09/14/15 12:00	09/15/15 09:31
400-110980-2	MW-30D	Water	09/14/15 14:00	09/15/15 09:31
400-110980-3	MW-30S	Water	09/14/15 14:40	09/15/15 09:31
400-110980-4	MW-35	Water	09/14/15 15:25	09/15/15 09:31
400-111034-1	MW-28S	Water	09/15/15 09:55	09/16/15 09:26
400-111034-2	MW-28S-DUP	Water	09/15/15 09:55	09/16/15 09:26
400-111034-3	MW-37	Water	09/15/15 15:50	09/16/15 09:26
400-111034-4	MW-11	Water	09/15/15 14:35	09/16/15 09:26
400-111034-5	MW-41	Water	09/15/15 11:15	09/16/15 09:26
400-111034-6	MW-22S	Water	09/15/15 13:30	09/16/15 09:26
400-111034-7	MW-25D	Water	09/15/15 13:55	09/16/15 09:26
400-111034-8	MW-31S	Water	09/15/15 08:55	09/16/15 09:26
400-111034-9	MW-27	Water	09/15/15 15:20	09/16/15 09:26
400-111034-10	MW-28D	Water	09/15/15 10:35	09/16/15 09:26
400-111034-11	MW-25D	Water	09/15/15 11:45	09/16/15 09:26
400-111034-12	MW-31D	Water	09/15/15 08:25	09/16/15 09:26
400-111034-13	TRIP BLANK 091515	Water	09/15/15 08:00	09/16/15 09:26
400-111097-1	MW-34	Water	09/16/15 08:25	09/17/15 08:56
400-111097-2	MW-38S	Water	09/16/15 09:15	09/17/15 08:56
400-111097-3	MW-38	Water	09/16/15 09:45	09/17/15 08:56
400-111097-4	MW-44	Water	09/16/15 10:25	09/17/15 08:56
400-111097-5	MW-47	Water	09/16/15 11:05	09/17/15 08:56
400-111097-6	MW-45	Water	09/16/15 11:35	09/17/15 08:56
400-111097-7	MW-48	Water	09/16/15 13:25	09/17/15 08:56
400-111097-8	MW-46	Water	09/16/15 14:05	09/17/15 08:56
400-111097-9	CS-1	Water	09/16/15 14:45	09/17/15 08:56
400-111097-10	CS-2	Water	09/16/15 14:50	09/17/15 08:56
400-111097-11	CS-3	Water	09/16/15 14:55	09/17/15 08:56
400-111097-12	Trip Blank	Water	09/16/15 00:00	09/17/15 08:56

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: TRIP BLANK 091415

Lab Sample ID: 400-110980-1
Date Collected: 09/14/15 12:00
Matrix: Water
Date Received: 09/15/15 09:31

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:16	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:16	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/15 16:16	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:16	1
Trichloroethene	<1.0		1.0		ug/L			09/17/15 16:16	1
Vinyl chloride	<1.0		1.0		ug/L			09/17/15 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/17/15 16:16*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/17/15 16:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/17/15 16:16*	*1*

Client Sample ID: MW-30D

Lab Sample ID: 400-110980-2
Date Collected: 09/14/15 14:00
Matrix: Water
Date Received: 09/15/15 09:31

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:35	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:35	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/15 16:35	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:35	1
Trichloroethene	**6.8**		1.0		ug/L			09/17/15 16:35	1
Vinyl chloride	<1.0		1.0		ug/L			09/17/15 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/17/15 16:35*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/17/15 16:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/17/15 16:35*	*1*

Client Sample ID: MW-30S

Lab Sample ID: 400-110980-3
Date Collected: 09/14/15 14:40
Matrix: Water
Date Received: 09/15/15 09:31

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:53	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:53	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/15 16:53	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 16:53	1
Trichloroethene	<1.0		1.0		ug/L			09/17/15 16:53	1
Vinyl chloride	<1.0		1.0		ug/L			09/17/15 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/17/15 16:53*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*09/17/15 16:53*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/17/15 16:53*	*1*

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-35

Lab Sample ID: 400-110980-4
Date Collected: 09/14/15 15:25
Matrix: Water
Date Received: 09/15/15 09:31

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.4		1.0		ug/L			09/17/15 17:12	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/15 17:12	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/15 17:12	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 17:12	1
Vinyl chloride	<1.0		1.0		ug/L			09/17/15 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/17/15 17:12*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/17/15 17:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/17/15 17:12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	270		10		ug/L			09/17/15 17:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/17/15 17:31*	*10*
Dibromofluoromethane	*102*		*70 - 130*		*09/17/15 17:31*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/17/15 17:31*	*10*

Client Sample ID: MW-28S

Lab Sample ID: 400-111034-1
Date Collected: 09/15/15 09:55
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:49	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:49	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 10:49	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:49	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 10:49	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/28/15 10:49*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/28/15 10:49*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/28/15 10:49*	*1*

Client Sample ID: MW-28S-DUP

Lab Sample ID: 400-111034-2
Date Collected: 09/15/15 09:55
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:14	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:14	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 14:14	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:14	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 14:14	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 14:14	1

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-28S-DUP

Lab Sample ID: 400-111034-2
Date Collected: 09/15/15 09:55
Matrix: Water
Date Received: 09/16/15 09:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/28/15 14:14*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/28/15 14:14*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/28/15 14:14*	*1*

Client Sample ID: MW-37

Lab Sample ID: 400-111034-3
Date Collected: 09/15/15 15:50
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**74**		2.0		ug/L			09/28/15 16:14	2
1,1-Dichloroethene	<2.0		2.0		ug/L			09/28/15 16:14	2
Tetrachloroethene	<2.0		2.0		ug/L			09/28/15 16:14	2
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			09/28/15 16:14	2
Vinyl chloride	<2.0		2.0		ug/L			09/28/15 16:14	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 16:14*	*2*
Dibromofluoromethane	*104*		*70 - 130*		*09/28/15 16:14*	*2*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/28/15 16:14*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**720**		20		ug/L			09/28/15 11:06	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/28/15 11:06*	*20*
Dibromofluoromethane	*104*		*70 - 130*		*09/28/15 11:06*	*20*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/28/15 11:06*	*20*

Client Sample ID: MW-11

Lab Sample ID: 400-111034-4
Date Collected: 09/15/15 14:35
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**19**		1.0		ug/L			09/28/15 15:57	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 15:57	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 15:57	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 15:57	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/28/15 15:57*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 15:57*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/28/15 15:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**330**		10		ug/L			09/28/15 15:05	10

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-11

Lab Sample ID: 400-111034-4
Date Collected: 09/15/15 14:35
Matrix: Water
Date Received: 09/16/15 09:26

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130		09/28/15 15:05	10
Dibromofluoromethane	111		70 - 130		09/28/15 15:05	10
Toluene-d8 (Surr)	106		70 - 130		09/28/15 15:05	10

Client Sample ID: MW-41

Lab Sample ID: 400-111034-5
Date Collected: 09/15/15 11:15
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	71		1.0		ug/L			09/28/15 16:31	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 16:31	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 16:31	1
trans-1,2-Dichloroethene	2.8		1.0		ug/L			09/28/15 16:31	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		09/28/15 16:31	1
Dibromofluoromethane	103		70 - 130		09/28/15 16:31	1
Toluene-d8 (Surr)	100		70 - 130		09/28/15 16:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	680		10		ug/L			09/28/15 11:08	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		09/28/15 11:08	10
Dibromofluoromethane	99		70 - 130		09/28/15 11:08	10
Toluene-d8 (Surr)	96		70 - 130		09/28/15 11:08	10

Client Sample ID: MW-22S

Lab Sample ID: 400-111034-6
Date Collected: 09/15/15 13:30
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	180		10		ug/L			09/28/15 15:23	10
1,1-Dichloroethene	<10		10		ug/L			09/28/15 15:23	10
Tetrachloroethene	<10		10		ug/L			09/28/15 15:23	10
trans-1,2-Dichloroethene	<10		10		ug/L			09/28/15 15:23	10
Vinyl chloride	<10		10		ug/L			09/28/15 15:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		09/28/15 15:23	10
Dibromofluoromethane	105		70 - 130		09/28/15 15:23	10
Toluene-d8 (Surr)	102		70 - 130		09/28/15 15:23	10

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2900		100		ug/L			09/28/15 11:27	100

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-22S

Lab Sample ID: 400-111034-6
Date Collected: 09/15/15 13:30
Matrix: Water
Date Received: 09/16/15 09:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/28/15 11:27*	*100*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 11:27*	*100*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/28/15 11:27*	*100*

Client Sample ID: MW-25D

Lab Sample ID: 400-111034-7
Date Collected: 09/15/15 13:55
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**83**		2.0		ug/L			09/28/15 16:49	2
1,1-Dichloroethene	<2.0		2.0		ug/L			09/28/15 16:49	2
Tetrachloroethene	<2.0		2.0		ug/L			09/28/15 16:49	2
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			09/28/15 16:49	2
Vinyl chloride	<2.0		2.0		ug/L			09/28/15 16:49	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 16:49*	*2*
Dibromofluoromethane	*103*		*70 - 130*		*09/28/15 16:49*	*2*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/28/15 16:49*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**890**		10		ug/L			09/28/15 11:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*09/28/15 11:40*	*10*
Dibromofluoromethane	*104*		*70 - 130*		*09/28/15 11:40*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/28/15 11:40*	*10*

Client Sample ID: MW-31S

Lab Sample ID: 400-111034-8
Date Collected: 09/15/15 08:55
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:50	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:50	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 10:50	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:50	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 10:50	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/28/15 10:50*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 10:50*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/28/15 10:50*	*1*

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-27

Lab Sample ID: 400-111034-9
Date Collected: 09/15/15 15:20
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	2.9		2.0		ug/L			09/28/15 17:06	2
Tetrachloroethene	<2.0		2.0		ug/L			09/28/15 17:06	2
trans-1,2-Dichloroethene	11		2.0		ug/L			09/28/15 17:06	2
Vinyl chloride	<2.0		2.0		ug/L			09/28/15 17:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 17:06*	*2*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 17:06*	*2*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/28/15 17:06*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	220		20		ug/L			09/28/15 11:58	20
Trichloroethene	1100		20		ug/L			09/28/15 11:58	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 11:58*	*20*
Dibromofluoromethane	*106*		*70 - 130*		*09/28/15 11:58*	*20*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/28/15 11:58*	*20*

Client Sample ID: MW-28D

Lab Sample ID: 400-111034-10
Date Collected: 09/15/15 10:35
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:31	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:31	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 14:31	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 14:31	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 14:31	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 14:31*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 14:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/28/15 14:31*	*1*

Client Sample ID: MW-25D

Lab Sample ID: 400-111034-11
Date Collected: 09/15/15 11:45
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	28		1.0		ug/L			09/28/15 15:40	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 15:40	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 15:40	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 15:40	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 15:40	1

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-25D

Lab Sample ID: 400-111034-11
Date Collected: 09/15/15 11:45
Matrix: Water
Date Received: 09/16/15 09:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/28/15 15:40*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 15:40*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/28/15 15:40*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**330**		10		ug/L			09/28/15 11:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/28/15 11:46*	*10*
Dibromofluoromethane	*102*		*70 - 130*		*09/28/15 11:46*	*10*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/28/15 11:46*	*10*

Client Sample ID: MW-31D

Lab Sample ID: 400-111034-12
Date Collected: 09/15/15 08:25
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**20**		1.0		ug/L			09/28/15 12:15	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 12:15	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 12:15	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 12:15	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/28/15 12:15*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*09/28/15 12:15*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/28/15 12:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**86**		5.0		ug/L			09/28/15 14:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/28/15 14:48*	*5*
Dibromofluoromethane	*108*		*70 - 130*		*09/28/15 14:48*	*5*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/28/15 14:48*	*5*

Client Sample ID: TRIP BLANK 091515

Lab Sample ID: 400-111034-13
Date Collected: 09/15/15 08:00
Matrix: Water
Date Received: 09/16/15 09:26

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 13:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 13:56	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 13:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 13:56	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 13:56	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 13:56	1

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: TRIP BLANK 091515

Lab Sample ID: 400-111034-13
Date Collected: 09/15/15 08:00
Matrix: Water
Date Received: 09/16/15 09:26

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/28/15 13:56*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/28/15 13:56*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*09/28/15 13:56*	*1*

Client Sample ID: MW-34

Lab Sample ID: 400-111097-1
Date Collected: 09/16/15 08:25
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:52	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 09:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:52	1
Trichloroethene	**2.1**		1.0		ug/L			09/29/15 09:52	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*09/29/15 09:52*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/29/15 09:52*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/29/15 09:52*	*1*

Client Sample ID: MW-38S

Lab Sample ID: 400-111097-2
Date Collected: 09/16/15 09:15
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:09	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:09	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 10:09	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:09	1
Trichloroethene	**7.4**		1.0		ug/L			09/29/15 10:09	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/29/15 10:09*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/29/15 10:09*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/29/15 10:09*	*1*

Client Sample ID: MW-38

Lab Sample ID: 400-111097-3
Date Collected: 09/16/15 09:45
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:26	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:26	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 10:26	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:26	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 10:26	1

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-38

Lab Sample ID: 400-111097-3
Date Collected: 09/16/15 09:45
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/29/15 10:26*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/29/15 10:26*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/29/15 10:26*	*1*

Client Sample ID: MW-44

Lab Sample ID: 400-111097-4
Date Collected: 09/16/15 10:25
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**74**		10		ug/L			09/29/15 15:46	10
1,1-Dichloroethene	<10		10		ug/L			09/29/15 15:46	10
Tetrachloroethene	<10		10		ug/L			09/29/15 15:46	10
trans-1,2-Dichloroethene	<10		10		ug/L			09/29/15 15:46	10
Vinyl chloride	<10		10		ug/L			09/29/15 15:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/29/15 15:46*	*10*
Dibromofluoromethane	*105*		*70 - 130*		*09/29/15 15:46*	*10*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 15:46*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**2800**		100		ug/L			09/29/15 14:55	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/29/15 14:55*	*100*
Dibromofluoromethane	*100*		*70 - 130*		*09/29/15 14:55*	*100*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 14:55*	*100*

Client Sample ID: MW-47

Lab Sample ID: 400-111097-5
Date Collected: 09/16/15 11:05
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:43	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:43	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 10:43	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 10:43	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 10:43	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/29/15 10:43*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/29/15 10:43*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 10:43*	*1*

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-45

Lab Sample ID: 400-111097-6
Date Collected: 09/16/15 11:35
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:01	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:01	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 11:01	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:01	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 11:01	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/29/15 11:01*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/29/15 11:01*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*09/29/15 11:01*	*1*

Client Sample ID: MW-48

Lab Sample ID: 400-111097-7
Date Collected: 09/16/15 13:25
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:18	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:18	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 11:18	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:18	1
Trichloroethene	**2.4**		1.0		ug/L			09/29/15 11:18	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*09/29/15 11:18*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/29/15 11:18*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 11:18*	*1*

Client Sample ID: MW-46

Lab Sample ID: 400-111097-8
Date Collected: 09/16/15 14:05
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**11**		1.0		ug/L			09/29/15 15:29	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 15:29	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 15:29	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 15:29	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*09/29/15 15:29*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*09/29/15 15:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 15:29*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**210**		5.0		ug/L			09/29/15 15:12	5

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-46

Lab Sample ID: 400-111097-8
Date Collected: 09/16/15 14:05
Matrix: Water
Date Received: 09/17/15 08:56

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/29/15 15:12*	*5*
Dibromofluoromethane	*100*		*70 - 130*		*09/29/15 15:12*	*5*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 15:12*	*5*

Client Sample ID: CS-1

Lab Sample ID: 400-111097-9
Date Collected: 09/16/15 14:45
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:35	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:35	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 11:35	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:35	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 11:35	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/29/15 11:35*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/29/15 11:35*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*09/29/15 11:35*	*1*

Client Sample ID: CS-2

Lab Sample ID: 400-111097-10
Date Collected: 09/16/15 14:50
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:52	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 11:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 11:52	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 11:52	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*09/29/15 11:52*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*09/29/15 11:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/29/15 11:52*	*1*

Client Sample ID: CS-3

Lab Sample ID: 400-111097-11
Date Collected: 09/16/15 14:55
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 12:10	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 12:10	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 12:10	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 12:10	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 12:10	1

Client Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: CS-3

Lab Sample ID: 400-111097-11
Date Collected: 09/16/15 14:55
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/29/15 12:10*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/29/15 12:10*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/29/15 12:10*	*1*

Client Sample ID: Trip Blank

Lab Sample ID: 400-111097-12
Date Collected: 09/16/15 00:00
Matrix: Water
Date Received: 09/17/15 08:56

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 14:38	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 14:38	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 14:38	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 14:38	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 14:38	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*09/29/15 14:38*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/29/15 14:38*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*09/29/15 14:38*	*1*

QC Sample Results

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-161398/6
Matrix: Water
Analysis Batch: 161398

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 11:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/15 11:19	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/15 11:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/15 11:19	1
Trichloroethene	<1.0		1.0		ug/L			09/17/15 11:19	1
Vinyl chloride	<1.0		1.0		ug/L			09/17/15 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/17/15 116/19*	*1*
Dibromofluoromethane	*10:*		*70 - 130*		*09/17/15 116/19*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/17/15 116/19*	*1*

Lab Sample ID: LCS 660-161398/4
Matrix: Water
Analysis Batch: 161398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150
Tetrachloroethene	10.0	11.1		ug/L		111	50 - 143
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	62 - 139
Trichloroethene	10.0	10.4		ug/L		104	63 - 139
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 660-161703/6
Matrix: Water
Analysis Batch: 161703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:16	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:16	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 10:16	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:16	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 10:16	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/: 8/15 106/12*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*09/: 8/15 106/12*	*1*
Toluene-d8 (Surr)	*10:*		*70 - 130*		*09/: 8/15 106/12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161703/4
Matrix: Water
Analysis Batch: 161703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
1,1-Dichloroethene	10.0	10.4		ug/L		104	51 - 150
Tetrachloroethene	10.0	10.0		ug/L		100	50 - 143
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	62 - 139
Trichloroethene	10.0	10.8		ug/L		108	63 - 139
Vinyl chloride	10.0	9.63		ug/L		96	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 400-111034-1 MS
Matrix: Water
Analysis Batch: 161703

Client Sample ID: MW-28S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	<1.0		10.0	8.85		ug/L		88	66 - 130
1,1-Dichloroethene	<1.0		10.0	8.43		ug/L		84	51 - 150
Tetrachloroethene	<1.0		10.0	7.70		ug/L		77	50 - 143
trans-1,2-Dichloroethene	<1.0		10.0	8.25		ug/L		82	62 - 139
Trichloroethene	<1.0		10.0	9.53		ug/L		95	63 - 139
Vinyl chloride	<1.0		10.0	8.53		ug/L		85	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*10:*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 400-111034-1 MSD
Matrix: Water
Analysis Batch: 161703

Client Sample ID: MW-28S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	<1.0		10.0	10.1		ug/L		101	66 - 130	13	30
1,1-Dichloroethene	<1.0		10.0	10.0		ug/L		100	51 - 150	18	30
Tetrachloroethene	<1.0		10.0	9.33		ug/L		93	50 - 143	19	30
trans-1,2-Dichloroethene	<1.0		10.0	10.4		ug/L		104	62 - 139	23	30
Trichloroethene	<1.0		10.0	10.2		ug/L		102	63 - 139	6	30
Vinyl chloride	<1.0		10.0	9.99		ug/L		100	48 - 147	16	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-161707/6
Matrix: Water
Analysis Batch: 161707

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:18	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:18	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/15 10:18	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/15 10:18	1
Trichloroethene	<1.0		1.0		ug/L			09/28/15 10:18	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/15 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/: 8/15 106/18*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*09/: 8/15 106/18*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*09/: 8/15 106/18*	*1*

Lab Sample ID: LCS 660-161707/4
Matrix: Water
Analysis Batch: 161707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	66 - 130
1,1-Dichloroethene	10.0	9.21		ug/L		92	51 - 150
Tetrachloroethene	10.0	11.1		ug/L		111	50 - 143
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	62 - 139
Trichloroethene	10.0	10.5		ug/L		105	63 - 139
Vinyl chloride	10.0	7.33		ug/L		73	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*10:*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Lab Sample ID: 400-111034-11 MS
Matrix: Water
Analysis Batch: 161707

Client Sample ID: MW-25D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20		100	128		ug/L		108	66 - 130
1,1-Dichloroethene	<10		100	97.3		ug/L		97	51 - 150
Tetrachloroethene	<10		100	116		ug/L		116	50 - 143
trans-1,2-Dichloroethene	<10		100	113		ug/L		113	62 - 139
Trichloroethene	330		100	417		ug/L		89	63 - 139
Vinyl chloride	<10		100	81.7		ug/L		82	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-111034-11 MSD
Matrix: Water
Analysis Batch: 161707

Client Sample ID: MW-25D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	20		100	118		ug/L		98	66 - 130	8	30
1,1-Dichloroethene	<10		100	85.1		ug/L		85	51 - 150	13	30
Tetrachloroethene	<10		100	106		ug/L		106	50 - 143	9	30
trans-1,2-Dichloroethene	<10		100	103		ug/L		103	62 - 139	9	30
Trichloroethene	330		100	404		ug/L		75	63 - 139	3	30
Vinyl chloride	<10		100	74.3		ug/L		74	48 - 147	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 660-161738/7
Matrix: Water
Analysis Batch: 161738

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:23	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:23	1
Tetrachloroethene	<1.0		1.0		ug/L			09/29/15 09:23	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/29/15 09:23	1
Trichloroethene	<1.0		1.0		ug/L			09/29/15 09:23	1
Vinyl chloride	<1.0		1.0		ug/L			09/29/15 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/: 9/15 096 3*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/: 9/15 096 3*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/: 9/15 096 3*	*1*

Lab Sample ID: LCS 660-161738/5
Matrix: Water
Analysis Batch: 161738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	10.0	11.1		ug/L		111	66 - 130
1,1-Dichloroethene	10.0	11.1		ug/L		111	51 - 150
Tetrachloroethene	10.0	10.4		ug/L		104	50 - 143
trans-1,2-Dichloroethene	10.0	11.4		ug/L		114	62 - 139
Trichloroethene	10.0	11.3		ug/L		113	63 - 139
Vinyl chloride	10.0	11.2		ug/L		112	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-111097-1 MS
Matrix: Water
Analysis Batch: 161738

Client Sample ID: MW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	<1.0		10.0	8.74		ug/L		87	66 - 130
1,1-Dichloroethene	<1.0		10.0	8.02		ug/L		80	51 - 150
Tetrachloroethene	<1.0		10.0	7.95		ug/L		79	50 - 143
trans-1,2-Dichloroethene	<1.0		10.0	8.97		ug/L		90	62 - 139
Trichloroethene	2.1		10.0	10.6		ug/L		84	63 - 139
Vinyl chloride	<1.0		10.0	8.62		ug/L		86	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 400-111097-1 MSD
Matrix: Water
Analysis Batch: 161738

Client Sample ID: MW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	<1.0		10.0	9.46		ug/L		95	66 - 130	8	30
1,1-Dichloroethene	<1.0		10.0	9.15		ug/L		92	51 - 150	13	30
Tetrachloroethene	<1.0		10.0	9.03		ug/L		90	50 - 143	13	30
trans-1,2-Dichloroethene	<1.0		10.0	10.4		ug/L		104	62 - 139	15	30
Trichloroethene	2.1		10.0	12.2		ug/L		100	63 - 139	14	30
Vinyl chloride	<1.0		10.0	9.19		ug/L		92	48 - 147	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Chronicle

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: TRIP BLANK 091415 — Lab Sample ID: 400-110980-1

Date Collected: 09/14/15 12:00 — **Matrix: Water**
Date Received: 09/15/15 09:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161398	09/17/15 16:16	TGP	TAL TAM

Client Sample ID: MW-30D — Lab Sample ID: 400-110980-2

Date Collected: 09/14/15 14:00 — **Matrix: Water**
Date Received: 09/15/15 09:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161398	09/17/15 16:35	TGP	TAL TAM

Client Sample ID: MW-30S — Lab Sample ID: 400-110980-3

Date Collected: 09/14/15 14:40 — **Matrix: Water**
Date Received: 09/15/15 09:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161398	09/17/15 16:53	TGP	TAL TAM

Client Sample ID: MW-35 — Lab Sample ID: 400-110980-4

Date Collected: 09/14/15 15:25 — **Matrix: Water**
Date Received: 09/15/15 09:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161398	09/17/15 17:12	TGP	TAL TAM
Total/NA	Analysis	8260B	DL	10	161398	09/17/15 17:31	TGP	TAL TAM

Client Sample ID: MW-28S — Lab Sample ID: 400-111034-1

Date Collected: 09/15/15 09:55 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 10:49	ECC	TAL TAM

Client Sample ID: MW-28S-DUP — Lab Sample ID: 400-111034-2

Date Collected: 09/15/15 09:55 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 14:14	ECC	TAL TAM

Lab Chronicle

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-37 — Lab Sample ID: 400-111034-3

Date Collected: 09/15/15 15:50 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	161703	09/28/15 11:06	ECC	TAL TAM
Total/NA	Analysis	8260B		2	161703	09/28/15 16:14	ECC	TAL TAM

Client Sample ID: MW-11 — Lab Sample ID: 400-111034-4

Date Collected: 09/15/15 14:35 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	161703	09/28/15 15:05	ECC	TAL TAM
Total/NA	Analysis	8260B		1	161703	09/28/15 15:57	ECC	TAL TAM

Client Sample ID: MW-41 — Lab Sample ID: 400-111034-5

Date Collected: 09/15/15 11:15 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 16:31	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	10	161707	09/28/15 11:08	ECC	TAL TAM

Client Sample ID: MW-22S — Lab Sample ID: 400-111034-6

Date Collected: 09/15/15 13:30 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	161703	09/28/15 15:23	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	100	161707	09/28/15 11:27	ECC	TAL TAM

Client Sample ID: MW-25D — Lab Sample ID: 400-111034-7

Date Collected: 09/15/15 13:55 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	161703	09/28/15 11:40	ECC	TAL TAM
Total/NA	Analysis	8260B		2	161703	09/28/15 16:49	ECC	TAL TAM

Client Sample ID: MW-31S — Lab Sample ID: 400-111034-8

Date Collected: 09/15/15 08:55 — **Matrix: Water**
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161707	09/28/15 10:50	ECC	TAL TAM

Lab Chronicle

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-27
Lab Sample ID: 400-111034-9
Date Collected: 09/15/15 15:20
Matrix: Water
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	161703	09/28/15 11:58	ECC	TAL TAM
Total/NA	Analysis	8260B		2	161703	09/28/15 17:06	ECC	TAL TAM

Client Sample ID: MW-28D
Lab Sample ID: 400-111034-10
Date Collected: 09/15/15 10:35
Matrix: Water
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 14:31	ECC	TAL TAM

Client Sample ID: MW-25D
Lab Sample ID: 400-111034-11
Date Collected: 09/15/15 11:45
Matrix: Water
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 15:40	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	10	161707	09/28/15 11:46	ECC	TAL TAM

Client Sample ID: MW-31D
Lab Sample ID: 400-111034-12
Date Collected: 09/15/15 08:25
Matrix: Water
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 12:15	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	5	161703	09/28/15 14:48	ECC	TAL TAM

Client Sample ID: TRIP BLANK 091515
Lab Sample ID: 400-111034-13
Date Collected: 09/15/15 08:00
Matrix: Water
Date Received: 09/16/15 09:26

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161703	09/28/15 13:56	ECC	TAL TAM

Client Sample ID: MW-34
Lab Sample ID: 400-111097-1
Date Collected: 09/16/15 08:25
Matrix: Water
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 09:52	ECC	TAL TAM

Lab Chronicle

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-38S — Lab Sample ID: 400-111097-2

Date Collected: 09/16/15 09:15 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 10:09	ECC	TAL TAM

Client Sample ID: MW-38 — Lab Sample ID: 400-111097-3

Date Collected: 09/16/15 09:45 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 10:26	ECC	TAL TAM

Client Sample ID: MW-44 — Lab Sample ID: 400-111097-4

Date Collected: 09/16/15 10:25 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	100	161738	09/29/15 14:55	ECC	TAL TAM
Total/NA	Analysis	8260B		10	161738	09/29/15 15:46	ECC	TAL TAM

Client Sample ID: MW-47 — Lab Sample ID: 400-111097-5

Date Collected: 09/16/15 11:05 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 10:43	ECC	TAL TAM

Client Sample ID: MW-45 — Lab Sample ID: 400-111097-6

Date Collected: 09/16/15 11:35 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 11:01	ECC	TAL TAM

Client Sample ID: MW-48 — Lab Sample ID: 400-111097-7

Date Collected: 09/16/15 13:25 — **Matrix: Water**
Date Received: 09/17/15 08:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 11:18	ECC	TAL TAM

Lab Chronicle

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Client Sample ID: MW-46
Date Collected: 09/16/15 14:05
Date Received: 09/17/15 08:56

Lab Sample ID: 400-111097-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	161738	09/29/15 15:12	ECC	TAL TAM
Total/NA	Analysis	8260B		1	161738	09/29/15 15:29	ECC	TAL TAM

Client Sample ID: CS-1
Date Collected: 09/16/15 14:45
Date Received: 09/17/15 08:56

Lab Sample ID: 400-111097-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 11:35	ECC	TAL TAM

Client Sample ID: CS-2
Date Collected: 09/16/15 14:50
Date Received: 09/17/15 08:56

Lab Sample ID: 400-111097-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 11:52	ECC	TAL TAM

Client Sample ID: CS-3
Date Collected: 09/16/15 14:55
Date Received: 09/17/15 08:56

Lab Sample ID: 400-111097-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 12:10	ECC	TAL TAM

Client Sample ID: Trip Blank
Date Collected: 09/16/15 00:00
Date Received: 09/17/15 08:56

Lab Sample ID: 400-111097-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161738	09/29/15 14:38	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: Ecology and Environment, Inc.
Project/Site: Water Valley Mississippi, Former Holley

TestAmerica Job ID: 400-110980-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: SElliott	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No: 640-52017-7296.1
Client Contact: ~~Amy Mixon~~ Steven Elliott	Phone: 850 288 0546	E-Mail: matt.jones@testamericainc.com		Page: Page 1 of 5
Company: Ecology and Environment, Inc.				Job #:
Address: 700 South Palafox Suite 100	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32502				
Phone: 850-435-8925(Tel)	PO #: 001525.EN05.08			
Email: amixon@ene.com	WO #: 001525.EN05.08			
Project Name: Water Valley Mississippi, Former Holley	Project #: 64001574			
Site:	SSOW#:			

Analysis Requested

400-110980 COC

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Total Filtered Sample (Yes or No)	8260B - Short list	Total Number of containers	Special Instructions/Note:
				Preservation Code:				
Trip Blank 091415	9/14/15	1200				X		2 bottles
MW-30D	↓	1400				X		3 bottles
MW-30S		1440				X		↓
MW-35	↓	1525				X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
SE	9/14/15 1700	E&E		9/15/15 931	TAPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.6°C IR

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No: 640-52017-7296.2
Client Contact: ~~Amy Mixon~~ Steve Elliott	Phone: 850 288 0546	E-Mail: matt.jones@testamericainc.com		Page: Page 2 of 5
Company: Ecology and Environment, Inc.				Job #:
Address: 700 South Palafox Suite 100	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32502				
Phone: 850-435-8925(Tel)	PO #: 001525.EN05.08			
Email: amixon@ene.com	WO #: 001525.EN05.08			
Project Name: Water Valley Mississippi, Former Holley	Project #: 64001574			
Site:	SSOW#:			

Analysis Requested

400-111034 COC

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6260B - Short list	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A		
MW-28S	9/15	0955	G	GW	X	X		6 bottles
MW-28S-DUP		0955	G	GW		X		3 bottles
MW-37		1550	G	GW		X		
MW-11		1435	G	GW		X		
MW-41		1115	G	GW		X		
MW-22S		1330	G	GW		X		
MW-25D		1355	G	GW		X		
MW-31S		0855	G	GW		X		
MW-27		1520	G	GW		X		
MW-28D		1035	G	GW		X		
MW-25D		1145	G	GW		X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	9/15/15 1730		[signature]	9/16/15 926	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.7°C IR-2

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

111034

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No: 640-52017-7296.5
Client Contact: ~~Amy Mixon~~ Steve Elliott	Phone: 850-288-0546	E-Mail: matt.jones@testamericainc.com		Page: Page 5 of 5
Company: Ecology and Environment, Inc.				Job #:
Address: 700 South Palafox Suite 100	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32502				
Phone: 850-435-8925(Tel)	PO #: 001525.EN05.08			
Email: amixon@ene.com	WO #: 001525.EN05.08			
Project Name: Water Valley Mississippi, Former Holley	Project #: 64001574			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Short list	Total Number of containers	Special Instructions/Note:
				Preservation Code:					
MW-31D	9/15/15 ~~0825~~	0825	G	GW			X		
Trip Blank 091515	9/15/15	0800	G	AQ			X		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	9/15/15 1730		[signature]	9-16-15 926	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 27°C IP-2

TestAmerica Tallahassee
2846 Industrial Plaza Drive
Tallahassee, FL 32301
Phone (850) 878-3994 Fax (850) 878-9504

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No: 640-52017-7296.4
Client Contact: ~~Amy Mixon~~ Steven Elliott	Phone: 850 288 0546	E-Mail: matt.jones@testamericainc.com		Page: Page 4 of 5
Company: Ecology and Environment, Inc.				Job #:
Address: 700 South Palafox Suite 100	Due Date Requested:			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32502				
Phone: 850-435-8925(Tel)	PO #: 001525.EN05.08			
Email: amixon@ene.com	WO #: 001525.EN05.08			
Project Name: Water Valley Mississippi, Former Holley	Project #: 64001574			
Site:	SSOW#:			

Analysis Requested

400-111097 COC

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Short list												Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
MW-34	9/16/15	0825	G	GW			X													
MW-38S		0915					X													
MW-38		0945					X													
MW-44		1025					X													
MW-47		1105					X													
MW-45		1135					X													
MW-48		1325					X													
MW-46		1405					X													
CS-1		1445		SW			X													
CS-2		1450		SW			X													
CS-3		1455		SW			X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9/16/15 1730	Company	Received by:	Date/Time: 9-17-15 856	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.7°C #26

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/30/2015

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Jones, Matt	Carrier Tracking No(s):	COC No. 400-92164.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: matt.jones@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		**Analysis Requested**		Job #: 400-110980-1
Address: 6712 Benjamin Road, Suite 100,	Due Date Requested: 9/25/2015			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33634				
Phone: 813-885-7427(Tel) 813-885-7049(Fax)	PO #:			
Email:	WO #:			
Project Name: Water Valley Mississippi, Former Holley	Project #: 64001574			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B Short list	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TRIP BLANK 091415 (400-110980-1)	9/14/15	12:00 Central		Water			X	2	
MW-30D (400-110980-2)	9/14/15	14:00 Central		Water			X	3	
MW-30D (400-110980-3)	9/14/15	14:40 Central		Water			X	3	
MW-35 (400-110980-4)	9/14/15	15:25 Central		Water			X	3	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 9-15-15 1600	Company	Received by:	Date/Time: 9-16-15 0940	Company TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No..		Cooler Temperature(s) °C and Other Remarks: 3.4/3.0 CN-09		