

GW-114

**Schlumberger
Dowell Schlumberger
Artesia**

**Annual Report
2013**

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March 28, 2014

Mr. Edward Hansen
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Groundwater Monitoring Report, Former Dowell Schlumberger Facility, 507 East Richey Avenue, Artesia, Eddy County, New Mexico. Discharge Permit GW-114.

Dear Mr. Hansen,

Enclosed please find the Annual Groundwater Monitoring Report for the Former Dowell Schlumberger Facility in Artesia, New Mexico.

Can you kindly provide an update regarding the status of the renewal of Discharge Permit GW-114? The renewal application was submitted to NMOCD on July 15, 2013.

Should you have any questions regarding the enclosed submittal or the Discharge Permit renewal, please contact me at (281) 285-4747 or Jennifer Laggan of CH2M HILL at (720) 286-0513. I can also be reached by e-mail at cocianni-v@slb.com.

I look forward to our continued work with you.

Sincerely,



V. COCIANNI

Virgilio Cocianni
Remediation Manager



Jennifer Laggan, P.G.
Dowell New Mexico-Texas Portfolio Manager,
CH2M HILL

Enclosure

c: Jim Strunk, The Dow Chemical Company
Cathy Barnett, CH2M HILL
Jeffrey Minchak, CH2M HILL

2013 Annual Groundwater Monitoring Report Former Dowell Schlumberger Facility Artesia, New Mexico

507 East Richey Avenue
Artesia, Eddy County, New Mexico

Prepared for
Schlumberger Technology Corporation and
The Dow Chemical Company

March 2014

CH2MHILL®

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Contents

Acronyms and Abbreviations.....	vii
Introduction	1-1
Site Background.....	2-1
2.1 Site Description and History	2-1
2.2 Geology and Hydrogeology.....	2-2
2.2.1 Regional Geology and Hydrogeology.....	2-2
2.2.2 Site Geology and Hydrogeology.....	2-2
2.3 2013 Modifications to the Sitewide Activities.....	2-3
2013 Site Activities.....	3-1
3.1 Quarterly Monitoring Activities	3-1
3.1.1 Depth-to-Water Measurements and Groundwater Sampling.....	3-1
3.1.2 Groundwater Extraction and Treatment System.....	3-1
3.1.3 Former Wash Bay SVE System	3-1
3.2 Zero-Valent Iron Treatment Pilot Study	3-2
Results and Discussion	4-1
4.1 Groundwater Elevation and Gradient.....	4-1
4.2 Groundwater Analytical Results	4-1
4.3 Groundwater Extraction and Treatment System.....	4-2
4.4 SVE System at the Former Wash Bay.....	4-2
Conclusions and Recommendations.....	5-1
5.1 Conclusions	5-1
5.2 Recommendations for Future Activities	5-1
5.2.1 In Situ Groundwater Treatment	5-1
5.2.2 Groundwater Extraction and Treatment System.....	5-1
5.2.3 Decommissioning of SVE System	5-1
References.....	6-1

Appendixes

A	NMOCD Approvals of Work Plan Amendments
B	Groundwater Sampling Procedures
C	Analytical Laboratory Reports
D	Data Quality Evaluation Memorandum

Tables

1	Groundwater Elevation Data—2013
2	Summary of Groundwater Analytical Results—2013
3	Summary of Soil Vapor Analytical Results—2013

Figures

- 1 Site Location Map
- 2 Site Plan
- 3 Potentiometric Surface Map—January 2013
- 4 Potentiometric Surface Map—April 2013
- 5 Potentiometric Surface Map—July 2013
- 6 Potentiometric Surface Map—October 2013
- 7 Isoconcentration Map for 1,1-DCA—January 2013
- 8 Isoconcentration Map for 1,1-DCA—April 2013
- 9 Isoconcentration Map for 1,1-DCE—January 2013
- 10 Isoconcentration Map for 1,1-DCE—April 2013
- 11 Isoconcentration Map for 1,1-DCE—July 2013
- 12 Isoconcentration Map for 1,1-DCE—October 2013
- 13 Isoconcentration Map for PCE—January 2013
- 14 Isoconcentration Map for PCE—April 2013
- 15 Isoconcentration Map for PCE – July 2013
- 16 Isoconcentration Map for PCE—October 2013
- 17 Isoconcentration Map for Benzene—April 2013

Acronyms and Abbreviations

CVOC	chlorinated volatile organic compound
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
Dowell	a defunct joint venture between Schlumberger Technology Corporation and The Dow Chemical Company
GAC	granular activated carbon
ISCO	in situ chemical oxidation
mg/L	milligram per liter
MW	monitoring well
NMED	New Mexico Environmental Department
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
PCE	tetrachloroethene
Schlumberger	Schlumberger Technology Corporation
site	Former Dowell Schlumberger Facility, Artesia, New Mexico
SVE	soil vapor extraction
VOC	volatile organic compound
UST	underground storage tank
USTB	Underground Storage Tank Bureau
ZVI	zero-valent iron

Introduction

CH2M HILL has completed the 2013 groundwater monitoring program at the Former Dowell Schlumberger Facility located in Artesia, New Mexico (the site). The site is currently regulated by the New Mexico Oil Conservation Division (NMOCD) under Discharge Permit GW-114 and is located at 507 East Richey Avenue, Artesia, Eddy County, New Mexico. The site location is shown in Figure 1, and the site plan is shown in Figure 2.

The January and April 2013 sampling events and January through May 2013 site operations were performed by Deuell Environmental, LLC. The July and October 2013 sampling events and June through December 2013 site operations were performed by CH2M HILL.

Site Background

Section 2 gives an overview of the site background.

2.1 Site Description and History

The project site is located at 500 East Richey Avenue, Artesia, New Mexico (Figure 1) and was used as an oilfield service facility operated by Dowell Schlumberger Incorporated (Dowell; a defunct joint venture between Schlumberger Technology Corporation [Schlumberger] and The Dow Chemical Company) between 1969 and 1990 and in the early 2000s. In 1988, the New Mexico Environment Department (NMED) Underground Storage Tank Bureau (USTB) directed response actions in connection with fuel-related volatile organic compound (VOC) releases from underground storage tanks (USTs) at the site. During the early 1990s, NMOC assumed responsibility for regulatory oversight of the facility. Dowell ceased facility operations during the 1990s. For a limited time between 2000 and 2010, Dowell resumed and then ceased facility operations.

In 1988, fuel-related VOC impacts to site soil and groundwater were discovered during UST removal activities and were regulated by the NMED-USTB. In 1995, a chlorinated VOC (CVOC) groundwater plume was discovered onsite near the former Wash Bay and was determined to be migrating to an adjacent downgradient property. The NMED Groundwater Protection and Remediation Bureau began oversight of the CVOC plume response and continued to regulate the pre-1995 UST impacts. In response to the discovery of the plume, Dowell purchased the downgradient property. Following the purchase of the adjacent land, it was discovered that Eddy County, New Mexico, owns right-of-way property between numerous land parcels and, as of 2013, remains the owner of the right-of-way between the two adjacent properties.

The site is currently inactive. The USTs and acid plant have been decommissioned and removed, but the office, maintenance, and storage buildings remain at the site (Figure 2). The remaining property outside the facility fence line is undeveloped other than for limited environmental-related infrastructure.

The adjacent properties include the following:

- Artesia Alfalfa Growers Association—property to the north
- Mr. Donald Kiddy and Chase Farms—property to the east
- East Richey Avenue (NM 357) and residential—properties to the south
- Southeast Ready Mix Products—property to the west

Two prior remediation strategies, excavation and soil vapor extraction (SVE), have been implemented to remove the petroleum hydrocarbons and CVOCs from site groundwater and soil surrounding the former USTs, former Wash Bay, and former Acid Plant (Figure 2). During the early to mid-1990s, soil contaminated with fuel-related VOCs and CVOCs was excavated at these locations. Following soil excavation, in January 1994, SVE systems began operation at the location of the former USTs and at the former Wash Bay. The SVE system at the former USTs successfully removed fuel-related VOCs within that area, and the SVE system at that location was decommissioned in the early 2000s. The former Wash Bay SVE system continued to operate during part of 2013. Between 2001 and 2002, pilot-scale zero-valent iron (ZVI) injections were performed in the downgradient portions of the CVOC groundwater plume. Difficulties with the ZVI injections and subsurface distribution were encountered and resulted in no significant changes in CVOC concentrations in the groundwater.

During 2013, the following two remediation strategies were used at the site:

1. A groundwater extraction and treatment system operated in the downgradient portion of the plume located at monitoring well MW-30. Groundwater is treated using granular activated carbon (GAC), then discharged back into the ground by gravity at the infiltration gallery located approximately 230 yards upgradient, near the location of MW-31.
2. An SVE system operated in the former Wash Bay area to recover vapor-phase VOCs from the vadose zone.

2.2 Geology and Hydrogeology

2.2.1 Regional Geology and Hydrogeology

The underlying geology in the area includes the east-dipping Permian San Andres Limestone. Overlying the Permian San Andres Limestone are the Artesia Group and Quaternary alluvium (Lyford 1973).

Artesia, New Mexico, is located in the Roswell groundwater basin. The basin is bounded to the north 20 miles north of Roswell, to the south in the Seven Rivers area between Artesia and Carlsbad, to the east by the Pecos River, and to the west roughly 20 miles west of Artesia. The Roswell groundwater basin is made up of two aquifers separated by a leaky confining layer. The upper aquifer is contained in the quartzose unit of the Quaternary alluvium and the lower aquifer consists of the Permian San Andres Limestone. The upper aquifer is unconfined and is composed of Quaternary alluvial valley fill. The majority of the water-producing zones in the aquifer are located in the quartzose unit. The zones are typically sand and gravel separated by adjacent zones of silt and clay. Most zones are around 20 feet thick (Welder 1983).

The leaky confining layer between the two aquifers is formed from the lower three formations of the Artesia Group, which are mudstones. The moderately permeable layers form a leaky confining layer between the lower and upper aquifers (Hendrickson and Jones 1952). The layers vary in thickness across the basin due to erosion and solution collapse. The lower aquifer is located within the San Andres Limestone and the lower part of the Artesia Group. There are five different water-bearing zones in the deep aquifer. The thickness of the aquifer ranges from 260 to 460 feet, with water-bearing zones typically 50 feet or less in thickness. In the northern part of the basin near Roswell, the middle of the San Andres Limestone is the main water-producing zone. Near Artesia, in the middle of the basin, the main zone of production is the top of the San Andres Limestone. In the southern part of the basin, the main zone of production is the lower part of the Artesia Group (Welder 1983).

The transmissivities of the two aquifers vary due to irregular fractures, solution permeability in the deep aquifer, and erratic occurrences of sand and gravel in the shallow aquifer (Hendrickson and Jones 1952). The transmissivities range from 7,500 to 196,000 square feet per day in the deep aquifer, and 4,200 to 186,000 square feet per day in the shallow aquifer (Welder 1983). The aquifer zone yields vary greatly due to groundwater moving principally through cavities and fractures (Hendrickson and Jones 1952) at various depths. As a result, it is difficult to find specific water-bearing depth intervals in the aquifer during monitoring well installation (Welder 1983). Groundwater moves from the lower aquifer to the shallow, although Welder (1983) states that flow may reverse due to heavy pumping in the lower aquifer. The estimated net rate of upward leakage is around 12,400 acre-feet per month (Welder 1983). Several water-bearing units in the leaky confining layer exist, and wells have been advanced and completed in the zones (Welder 1983). In general in the Roswell basin, groundwater flow is to the east; however, groundwater pumping in the Artesia area has caused a depression in the potentiometric surface of nearly 90 feet.

2.2.2 Site Geology and Hydrogeology

The geology and hydrogeology beneath the site were assessed during an investigation conducted in March 1995 by Western Water Consultants, Inc. Observations made during drilling activities described the predominant lithologies to consist of light-brown to reddish-brown silt and silty clay, interbedded with clay layers and stringers of carbonate rubble. The very fine-grained sediments were deposited in an arid, alluvial overbank environment and can be expected to be more laterally continuous than coarse-grained alluvial channel deposits (Western Water Consultants, Inc. 1995). The carbonate layers are believed to be the result of the evaporation of water containing elevated concentrations of dissolved solids. The 1991 investigation arrived at the conclusion that the stringers of carbonate rubble constitute the primary water-bearing zones. The rubble layers were observed at depths ranging from 20 to 26 feet below ground surface (Western Water Consultants, Inc. 1995).

2.3 2013 Modifications to the Sitewide Activities

On July 9, 2013, Schlumberger submitted by e-mail a *Work Plan Amendment for the Schlumberger Oilfield Services Facility—Artesia* (Schlumberger 2013a) requesting that reporting frequency for the site be modified to annual and to include activities for the prior calendar year. The work plan amendment was conditionally approved by NMOCD in an e-mail dated July 15, 2013 (Appendix A). The conditional approval required that the annual report be submitted by April 1, 2014.

On August 16, 2013, the *Work Plan Amendment, Soil Investigation and Soil Vapor Extraction System Closure, Former Dowell Schlumberger Facility, Artesia, New Mexico* (Schlumberger 2013b) was submitted to NMOCD. The work plan amendment was conditionally approved by NMOCD in an e-mail dated August 22, 2013 (Appendix A). The work plan amendment included a provision for taking the former Wash Bay SVE system offline pending the results of the soils investigation. The SVE system was taken offline during the fourth quarter of 2013 and remains offline.

On August 16, 2013, the *Work Plan Amendment, Groundwater Remediation Program Modifications, Former Dowell Schlumberger Facility, Artesia, New Mexico* (Schlumberger 2013c) was submitted to NMOCD. The work plan amendment was conditionally approved by NMOCD in an e-mail dated August 22, 2013 (Appendix A). The work plan amendment included provisions for modifying the existing groundwater extraction and treatment system and for evaluating and performing in situ chemical oxidation (ISCO) to enhance the removal of VOCs in site groundwater.

On September 16, 2013, the *Work Plan Amendment, Modifications to the Groundwater Monitoring Program, Former Dowell Schlumberger Facility, Artesia, New Mexico* (Schlumberger 2013d) was submitted to the NMOCD. The work plan amendment was conditionally approved by NMOCD in an e-mail dated September 18, 2013 (Appendix A). The monitoring program modifications were implemented in October 2013; therefore, the activities conducted during the fourth-quarter annual event were modified in accordance with the provisions of the work plan amendment.

The following revisions were made to the monitoring program:

1. Sampling frequency at the site was adjusted from quarterly to semiannually. Sampling will be performed in April and October of each year, with the October event being an annual sampling event that includes sampling of more wells than the semiannual event in April.
2. Monitoring wells MW-12, MW-17C, MW-18, MW-21, MW-22, MW-25, MW-26, MW-28, MW-29, MW-30, MW-31, MW-32, and MW-33 will be sampled semiannually because the rate of change in VOC concentrations at the site is low, and minimal changes in groundwater quality are observed between quarterly sampling events.
3. Monitoring wells MW-1, MW-7, MW-8, MW-11, MW-15, and MW-20 will be sampled annually versus quarterly because VOC concentrations at the locations were below their applicable New Mexico Water Quality Control Commission (NMWQCC) standards for at least the previous eight quarterly sampling events. In addition, the wells are not located in VOC source areas, and annual monitoring is expected to be sufficient to confirm that VOC concentrations do not exceed the applicable NMWQCC standards moving forward.
4. Monitoring wells MW-6, MW-9, MW-10, MW-23, and MW-27 were removed from the monitoring program because groundwater samples from the wells have not exceeded the NMWQCC standards in the previous eight quarterly sampling events or over a longer period of time. Also, the wells are located outside or upgradient of groundwater-contaminated areas. In addition, groundwater elevations at the locations are not required to support hydrogeologic interpretation and the wells are not likely to be required for remediation activities.
5. Monitoring wells MW-2, MW-4, MW-5, MW-13, MW-14, MW-17A, MW-17B, MW-17D, MW-22A, MW-24, and MW-26A were only to be sampled annually during the fourth quarter sampling event, with

the exception of MW-13, which was sampled quarterly. However, as part of the groundwater monitoring program revisions, these wells were removed from the monitoring program and were not sampled during 2013, with the exception of MW-13, which was sampled during the first, second, and third quarterly events. The above-listed wells were subsequently abandoned during fourth quarter 2013. Monitoring well MW-3 was reportedly damaged during facility reconstruction and subsequently buried beneath gravel. Attempts were made to locate and abandon MW-3 but were unsuccessful. No further action will be taken related to MW-3.

6. Depth-to-water measurements will be collected from the remaining monitoring wells at the site during the semiannual and annual sampling events.

2013 Site Activities

Section 3 summarizes the 2013 site activities.

3.1 Quarterly Monitoring Activities

Monitoring activities at the site were conducted quarterly on the following dates:

- January 23–24
- April 16–17
- July 23–24
- October 14–16

The following subsections summarize the activities conducted during each quarterly monitoring event. Appendix B contains the groundwater sampling procedures.

3.1.1 Depth-to-Water Measurements and Groundwater Sampling

Depth to water was measured at each of the 35 site wells during the first and second quarters. However, during the third-quarter event, depth to water was measured only at the wells where groundwater samples were collected. During the first, second, and third quarterly groundwater monitoring events, groundwater samples were collected from 19 of the 35 site wells (MW-8, MW-9, MW-11, MW-12, MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, and MW-33).

During the fourth-quarter annual monitoring event, depth-to-water measurements and groundwater samples were collected from 19 monitoring wells (MW-1, MW-7, MW-8, MW-11, MW-12, MW-15, MW-17C, MW-18, MW-20, MW-21, MW-22, MW-25, MW-26, MW-28, MW-29, MW-30, MW-31, MW-32, and MW-33).

Prior to groundwater sample collection, the monitoring wells were purged with a peristaltic pump using low-flow methods. Field parameters (temperature, pH, conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential) were measured and recorded during purging activities. Groundwater samples were collected following either field-parameter stabilization or the removal of three well-casing volumes. Groundwater samples were submitted for laboratory analysis of VOCs by U.S. Environmental Protection Agency SW-846 Method 8260B. Groundwater extracted during purging activities was contained in a 55-gallon drum and transferred to the onsite evaporation basin.

3.1.2 Groundwater Extraction and Treatment System

The groundwater extraction and treatment system operated continuously during 2013, except for roughly a 1-hour period during GAC exchanges. During each monitoring event, the groundwater treatment system was inspected. The system hoses, drums, and equalization tank were examined for possible leaks or malfunctions to prevent the possibility of upset conditions or system failure.

Following the inspection, the system's four GAC drums were disconnected and replaced with new GAC vessels. On July 24, 2013, during the third-quarter monitoring event, one GAC sample was collected for characterization and disposal purposes. On November 21, 2013, 14 spent GAC drums were transported offsite for disposal.

In addition, during the first three quarterly events, two samples were collected from the system's equalization tank. One sample was collected before GAC changeout, and the second sample was collected after GAC changeout. Both samples were submitted for laboratory analysis of VOCs by U.S. Environmental Protection Agency SW-846 Method 8260B.

3.1.3 Former Wash Bay SVE System

During the January, April, and July quarterly monitoring events, field personnel conducted general operation and maintenance activities that included measurement of the system's vacuum pressures and VOC

concentrations from the north and south zones, and a visual inspection to ensure that no visible components of the system were damaged and that the system was operating properly. In addition, during each event one soil vapor sample was collected from the SVE system offgas and analyzed for VOCs by Method TO-15.

The former Wash Bay SVE system operated until the fourth quarter of 2013. The SVE system was taken offline during the November soil investigation, in accordance with the NMOCD-approved work plan amendment, as discussed in Section 2.3. The system remains offline pending the findings of the soil investigation.

3.2 Zero-Valent Iron Treatment Pilot Study

In late 2001, a ZVI injection pilot study was performed and referenced in previous annual reports. The ZVI pilot study has not had an appreciable effect on the CVOC plume concentrations. No additional data are being collected related to this study, and it will not be discussed further in subsequent reports.

Results and Discussion

4.1 Groundwater Elevation and Gradient

Higher localized groundwater elevations at the location of the gravity infiltration trench (near MW-31) and lower localized groundwater elevations (close to MW-30) were observed. Both were attributed to the influence of the groundwater extraction and treatment system. Beyond the localized variations, the overall groundwater gradient is 0.005 to 0.007 foot per foot for each of the four quarters, with the overall direction of groundwater flow to the northeast. The gradient and groundwater flow direction are consistent with previous reports.

Table 1 contains the 2013 groundwater elevation data. Please refer to previous reports for historical groundwater elevation data. Potentiometric surface maps depicting the groundwater elevation measured during each 2013 quarterly monitoring event are provided in Figures 3 through 6.

4.2 Groundwater Analytical Results

Table 2 summarizes the groundwater analytical results for 2013. Please refer to previous reports for historical groundwater analytical data. The 2013 laboratory analytical reports are in Appendix C, and the results of the data validation process are in Appendix D. The Data Quality Evaluation Memorandum in Appendix D is for the data evaluation of the July and October events which were conducted by CH2M HILL. The groundwater analytical results have been compared to the NMWQCC standards, which are shown on Table 2. Other VOCs are reported in the analytical data, but do not have NMWQCC standards. Table 2 generally follows the data format of prior annual reports. Figures 7 through 17 present VOC concentrations in groundwater for only the VOCs that exceeded NMWQCC standards during a given quarterly event. The extent of the exceedance of the NMWQCC standard is shown as an isoconcentration line on each figure. The following discussion summarizes the VOC distribution at the site.

Concentrations of 1,1-dichloroethane (1,1-DCA) exceeded the NMWQCC standard of 0.025 milligram per liter (mg/L) during the January and April sampling events (Figures 7 and 8). The exceedances were limited to MW-12, and the concentrations in other wells did not fluctuate. 1,1-DCA concentrations in MW-12 decreased during the July and October sampling events, and there were no exceedances of the NMWQCC standard during July and October.

Concentrations of 1,1-dichloroethene (1,1-DCE) exceeded the NMWQCC standard of 0.005 mg/L in multiple wells during the January, April, July, and October sampling events (Figures 9 through 12). The exceedances are limited to the downgradient plume located outside the facility proper. 1,1-DCE is being acted upon by the groundwater extraction and treatment system and is a focus of the potential system modifications and ISCO injections under evaluation.

Concentrations of tetrachloroethene (PCE) exceeded the NMWQCC standard of 0.02 mg/L during the January, April, July, and October sampling events (Figures 13, 14, 15, and 16). The exceedances are limited to the downgradient plume located outside the facility proper. The PCE is being acted upon by the groundwater extraction and treatment system and is a focus of the potential system modifications and ISCO injections under evaluation.

Concentrations of benzene exceeded the NMWQCC standard of 0.01 mg/L in a single sample from MW-12 during the April sampling event (Figure 17). Benzene detections are generally limited to MW-12 at the site, and the four benzene detections during 2013 from wells other than MW-12 were estimated concentrations. The limited benzene impacts are likely due to the fact that more than 20 years have passed since the fuel USTs were removed, soils were excavated, SVE systems operated, and natural attenuation occurred.

Based on the results of the groundwater analyses during 2013, it appears that the downgradient VOC plume is migrating beyond the current treatment system and moving further downgradient in the area of MW-28 and 29.

4.3 Groundwater Extraction and Treatment System

Samples were collected from the equalization tank associated with the groundwater extraction and treatment system during the first three quarterly monitoring events. The results of the samples collected from the system equalization tank are summarized in Table 2. Concentrations were detected below the NMWQCC standard, except January 2013 1,1-DCE concentrations, which were detected above the NMWQCC standard in the recirculation discharge.

Samples from the equalization tank before and after GAC exchange were collected to confirm that the groundwater treatment system is successfully removing VOCs using GAC. The sample results are not used to evaluate VOC concentrations in the aquifer at the extraction wells; therefore, sample collection from the equalization tank was ceased after the third-quarter event.

4.4 SVE System at the Former Wash Bay

Soil-vapor samples were collected from the former Wash Bay SVE system during the first three quarterly monitoring events. Table 3 summarizes the 2013 soil vapor analytical results. Please refer to previous reports for historical soil vapor analytical data.

Table 3 indicates that very low concentrations of benzene, ethylbenzene, total xylenes, PCE, TCE, 1,1-DCE, and 1,1-DCA were detected in the SVE offgas during July 2013. The VOC reporting limits for the July 2013 sampling event were lower than those used for prior events due to a change in laboratory performing the soil vapor analyses. However, the reported concentrations result in negligible VOC recovery by the SVE system. As discussed in Section 2.3, the former Wash Bay SVE system will remain offline, and decommissioning and abandonment is being requested in a separate report that documents the results of the soil investigation conducted during November 2013 (CH2M HILL 2014).

Conclusions and Recommendations

The following conclusions and recommendations are presented relative to groundwater conditions at the Former Dowell Schlumberger Site in Artesia, New Mexico, based on the potentiometric and analytical data obtained during the 2013 monitoring events.

5.1 Conclusions

Groundwater monitoring has been conducted at the site since 1991. Most of the groundwater concentrations reported in the 2013 annual groundwater sampling period were stable or showed decreasing concentrations compared to historical data. A review of the historical analytical data indicates that VOC concentrations onsite have significantly decreased because of the SVE system and the groundwater extraction and treatment system. Most of the VOCs that persist are just slightly above NMWQCC standards; however, it appears that the downgradient VOC plume is migrating beyond the current treatment system and moving further downgradient in the area of MW-28.

5.2 Recommendations for Future Activities

5.2.1 In Situ Groundwater Treatment

A separate evaluation is currently underway regarding the potential for injection of oxidants into portions of the VOC plume to assist in decreasing concentrations of CVOCs to below NMWQCC standards so that the groundwater condition at the site can receive a determination of no further action required.

5.2.2 Groundwater Extraction and Treatment System

The groundwater extraction and treatment system operated continuously during 2013, except during GAC exchanges. The groundwater extraction and treatment system initially was installed to prevent the migration of contaminated groundwater offsite to the adjacent properties. However, even with the GAC included in the treatment system, CVOCs are not completely controlled by the system. Additionally, the current system has no monitoring capabilities, and the GAC vessels are undersized. CH2M HILL is currently in the process of evaluating upgrades to the system, as follows:

1. Set up a larger GAC system that allows for longer GAC exchanges and provides an easier and more efficient process for exchanging spent GAC.
2. Provide remote-monitoring telemetry to allow real-time monitoring that will confirm that the system is operating correctly and that will send notifications of upset conditions.
3. Apply other improvements that serve to decrease the time to reach NMWQCC standards.

5.2.3 Decommissioning of SVE System

Nearly a decade of nondetect and very low VOC concentrations from the SVE system effluent indicate that the system is no longer removing significant VOC mass from the subsurface. Pending an NMOCD determination of no further action being required for the site soils, the SVE system will be properly decommissioned and abandoned. During decommissioning, subsurface extraction wells and piping will be either removed or abandoned in place by filling with grout. Abovegrade features, including piping and the SVE blower, will be disconnected and removed.

References

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Figures

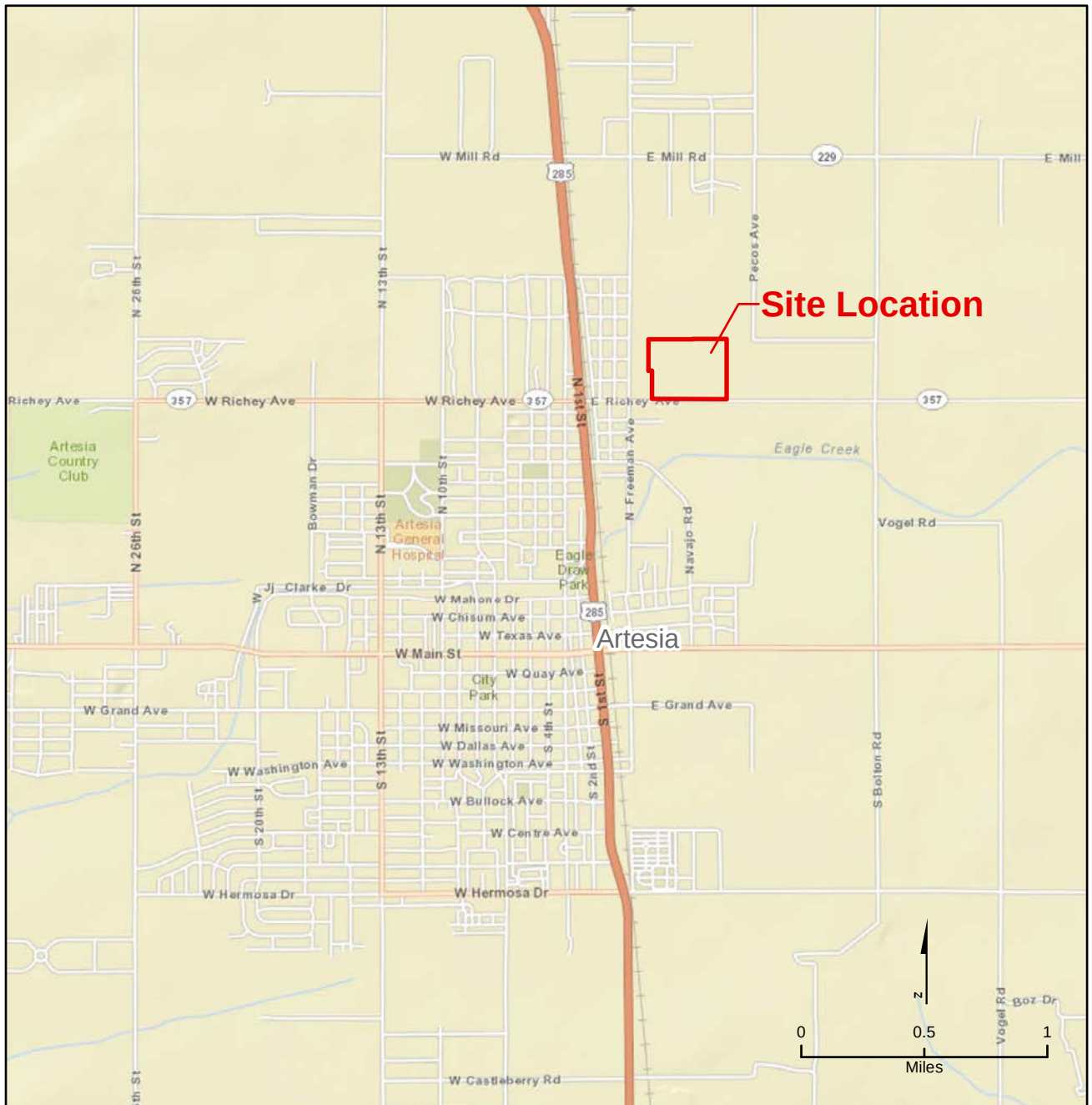
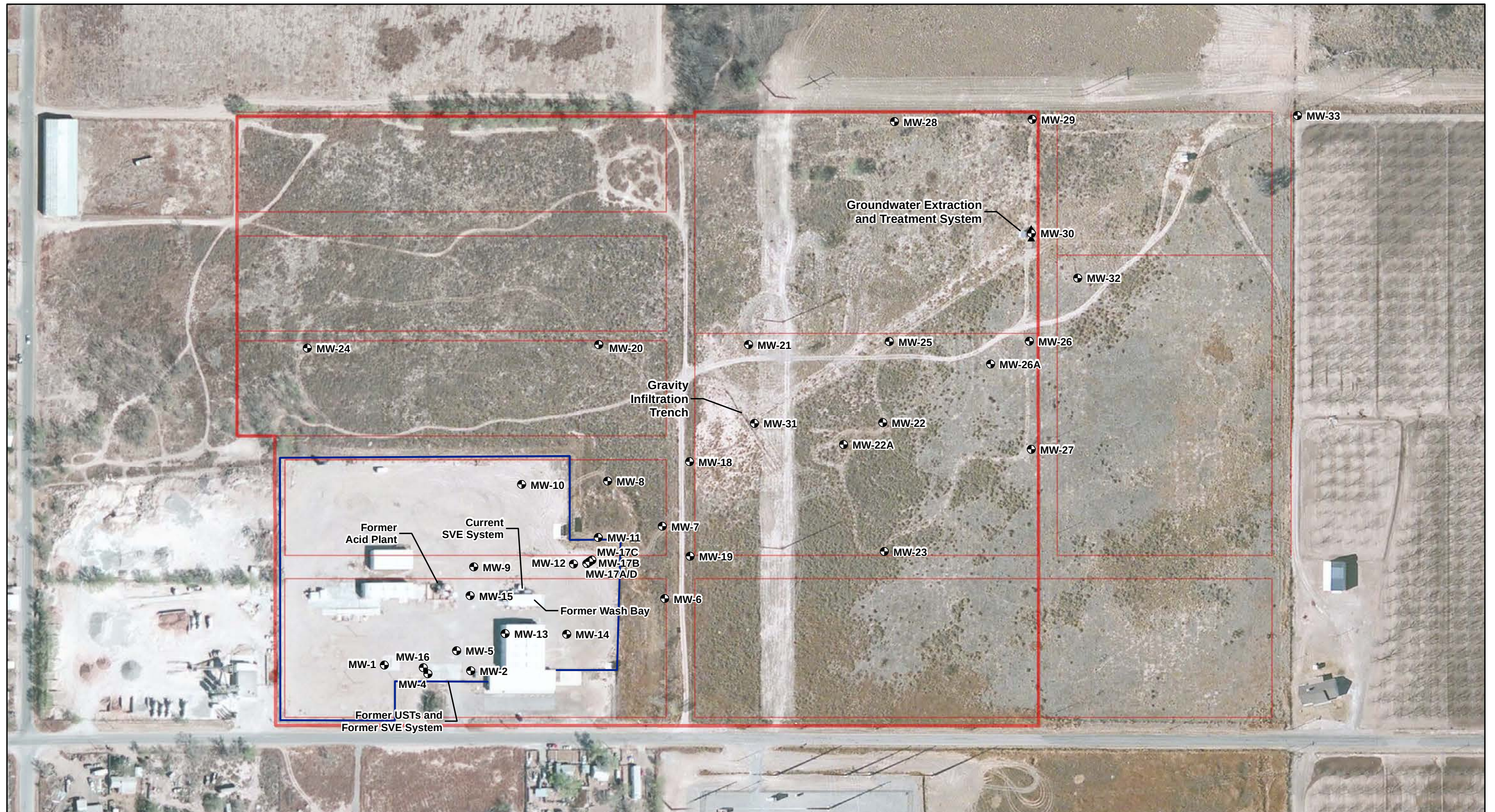


FIGURE 1
Site Location Map
 2013 Annual Groundwater Monitoring Report
 Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Monitoring Well
- Groundwater Extraction Well
- Property Line
- Right of Way Boundary
- Fence

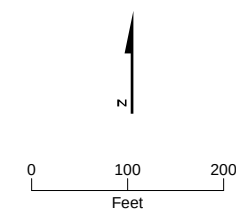
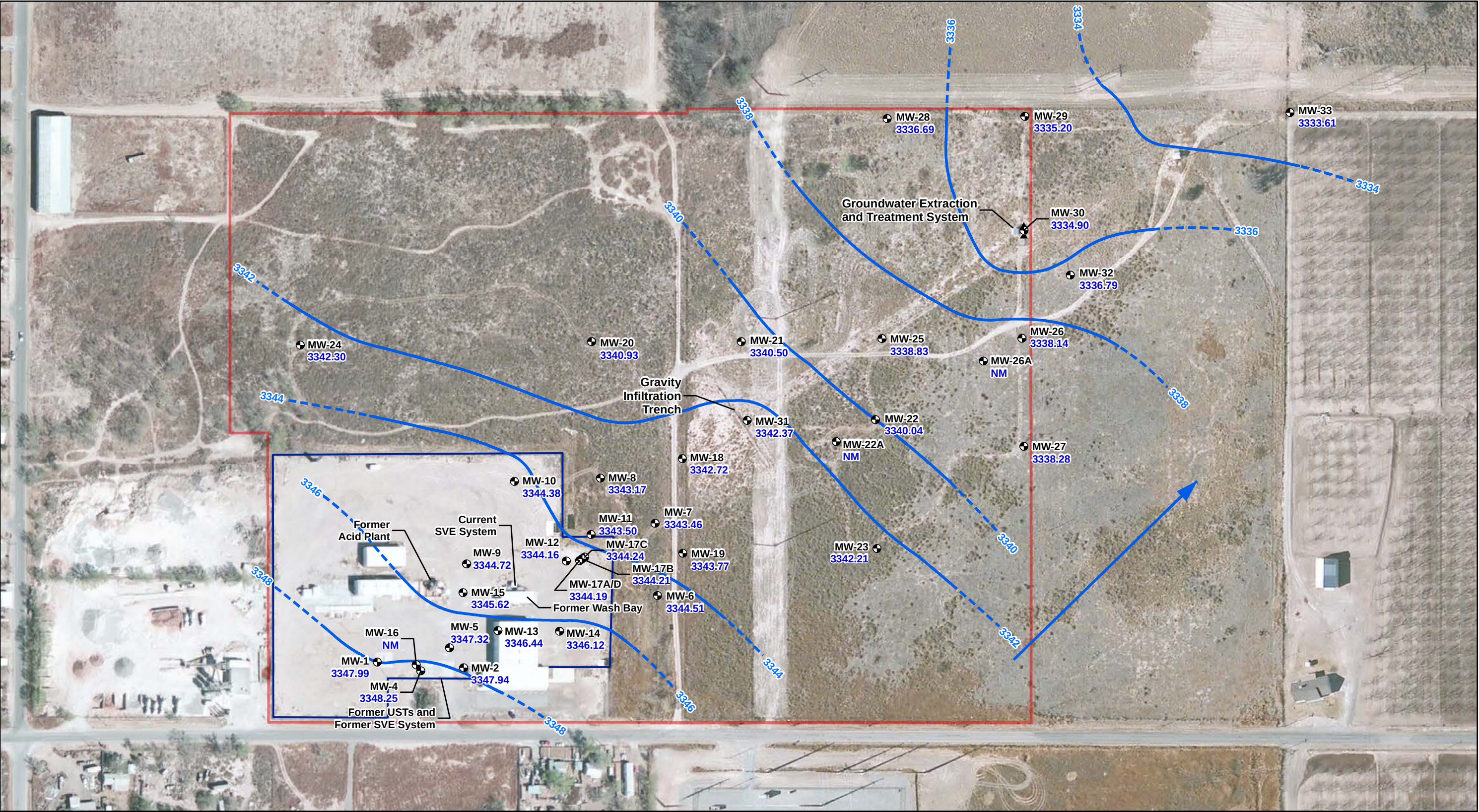


FIGURE 2
Site Plan
 2013 Annual Groundwater Monitoring Report
 Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Potentiometric Surface Contour
(Dashed Where Inferred)
- Monitoring Well
- Groundwater Extraction Well
- Groundwater Flow Direction
- Water Level
- Not Measured

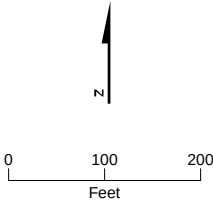
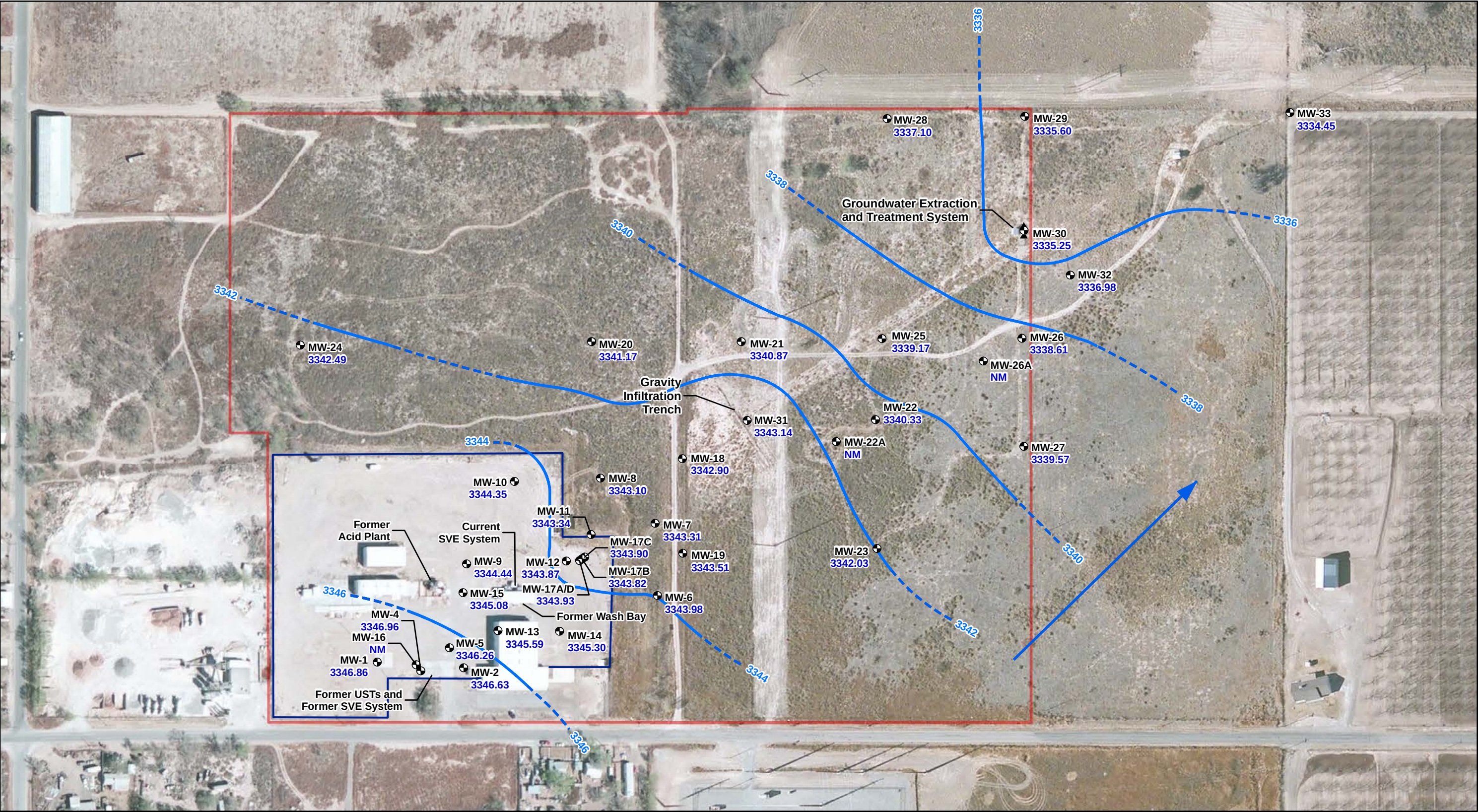


FIGURE 3
Potentiometric Surface Map – January 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Potentiometric Surface Contour (Dashed Where Inferred)
- Monitoring Well
- Groundwater Extraction Well
- Groundwater Flow Direction
- Water Level
- Not Measured

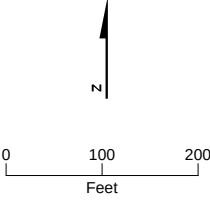
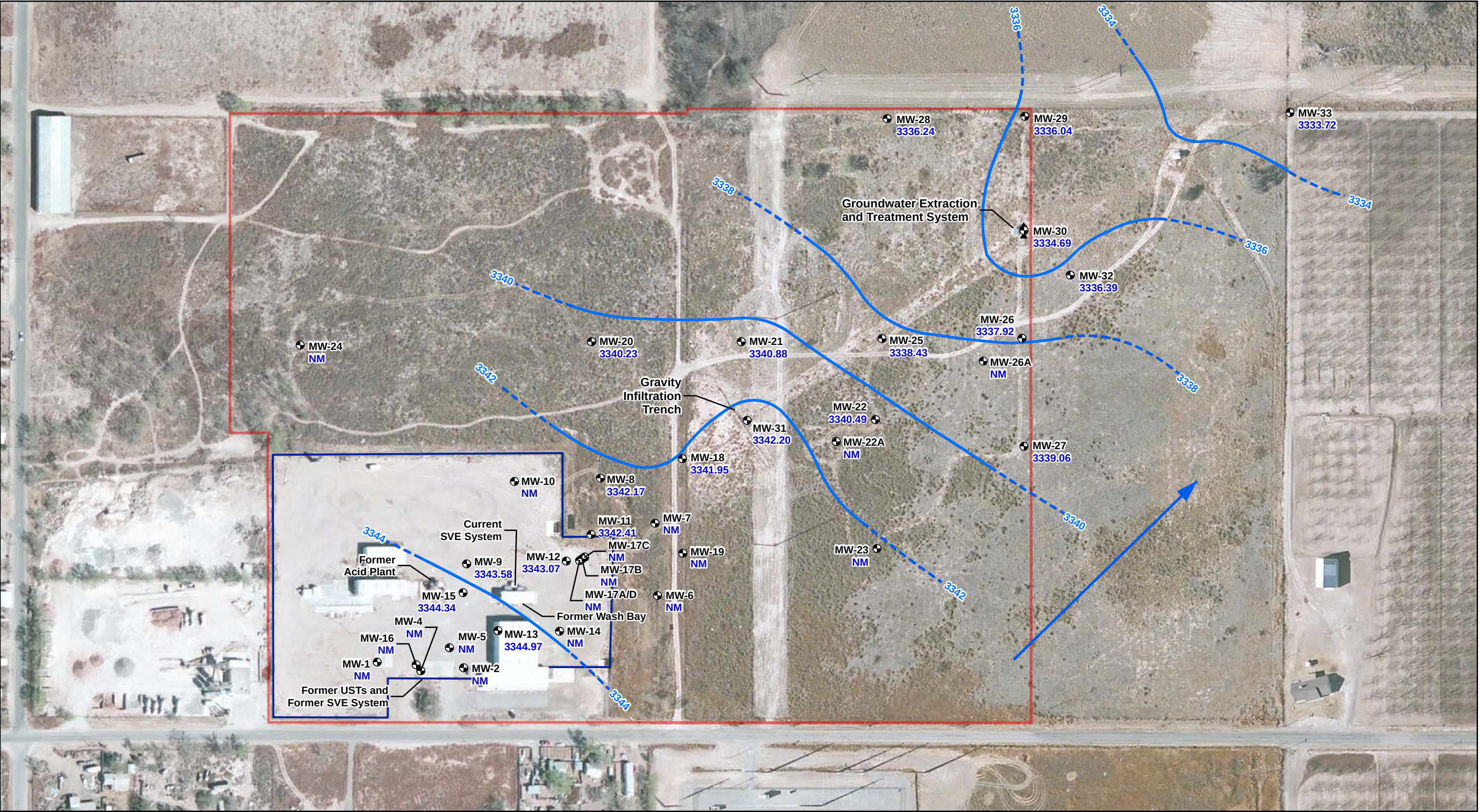


FIGURE 4
Potentiometric Surface Map – April 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Potentiometric Surface Contour (Dashed Where Inferred)
- Monitoring Well
- Groundwater Extraction Well
- Groundwater Flow Direction
- Water Level
- NM Not Measured

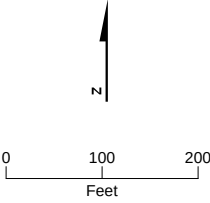
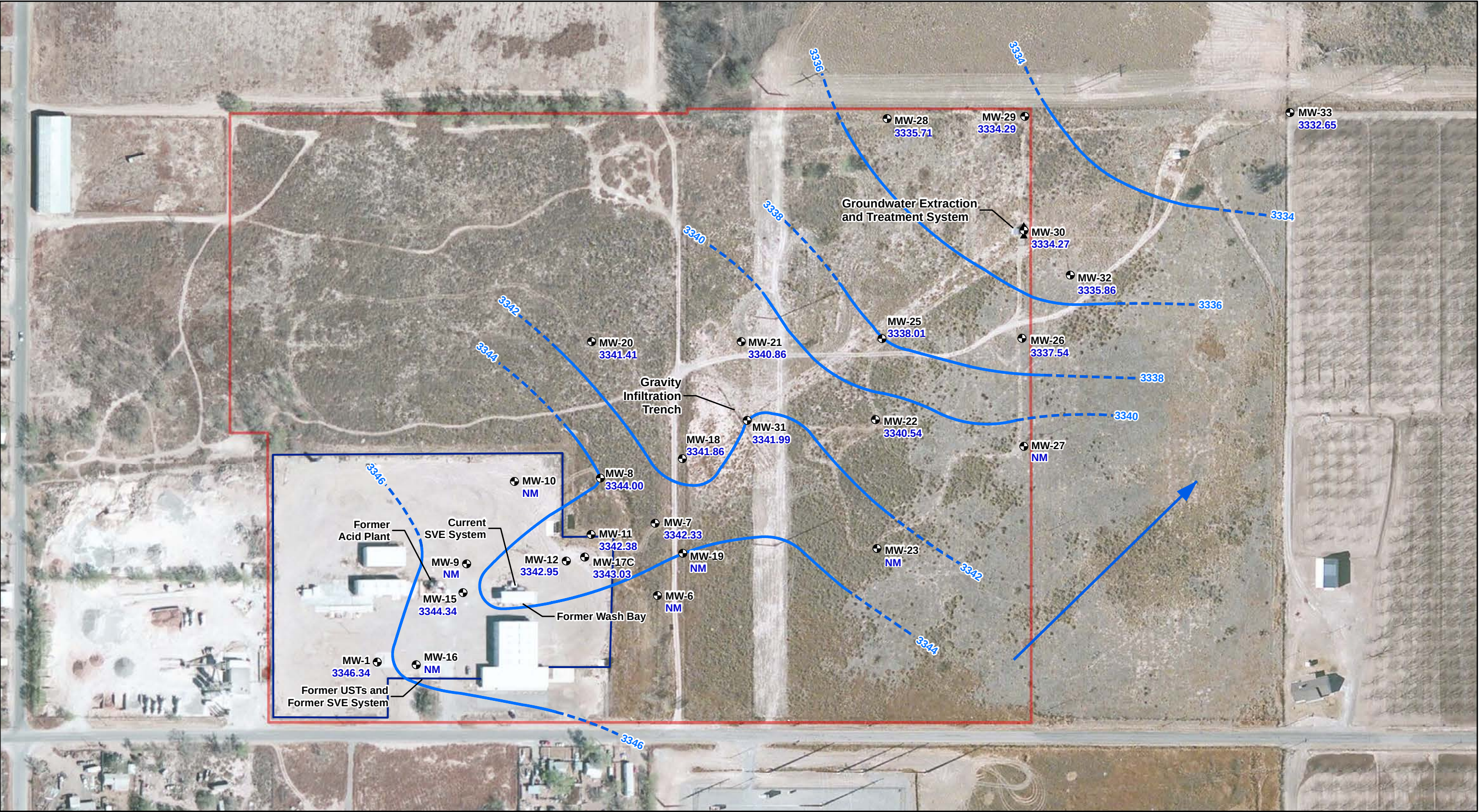


FIGURE 5
Potentiometric Surface Map – July 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Potentiometric Surface Contour (Dashed Where Inferred)
- Monitoring Well
- Groundwater Extraction Well
- Groundwater Flow Direction
- Water Level
- Not Measured

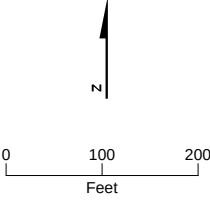
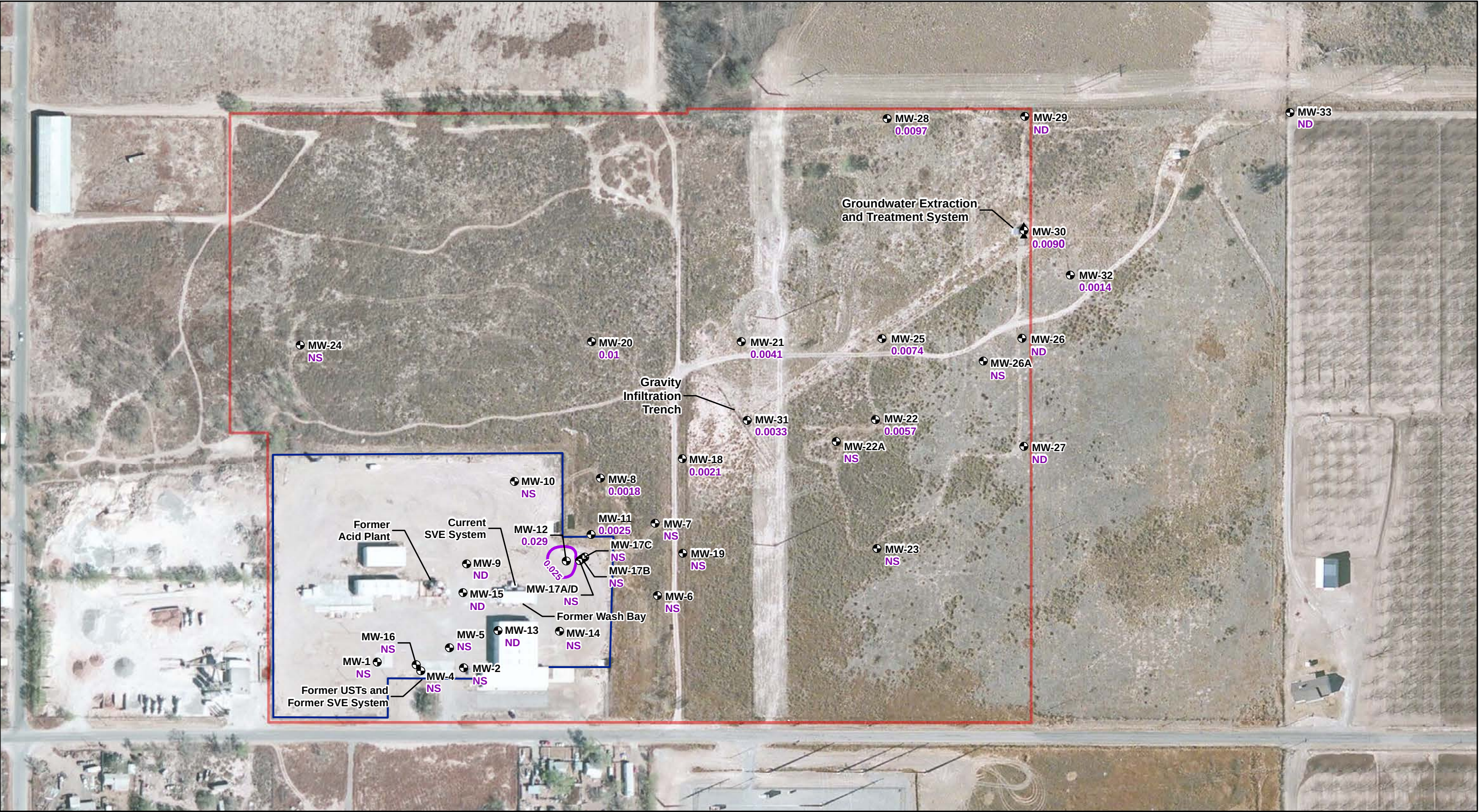


FIGURE 6
Potentiometric Surface Map – October 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Monitoring Well
- Groundwater Extraction Well

- 0.025 mg/L WQCC Standard for 1,1-DCA Isopleth
- 0.005 1,1-DCA Concentration mg/L
- ND Not Sampled
- NS Not Detected

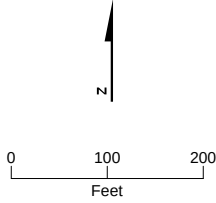
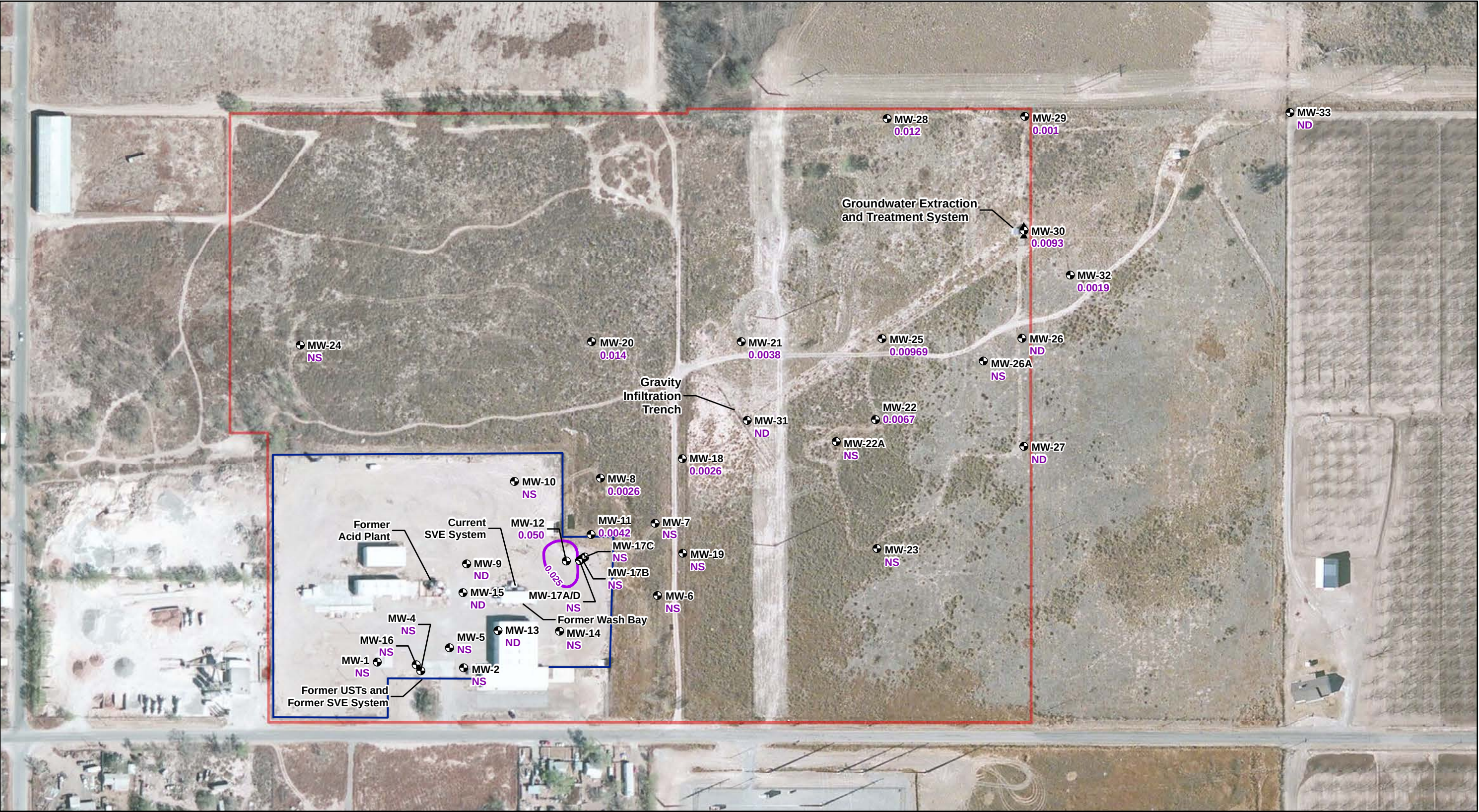


FIGURE 7
Isoconcentration Map for 1,1-DCA – January 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.025 mg/L WQCC Standard for 1,1-DCA Isopleth

0.005 1,1-DCA Concentration mg/L

NS Not Sampled

ND Not Detected

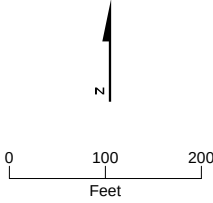
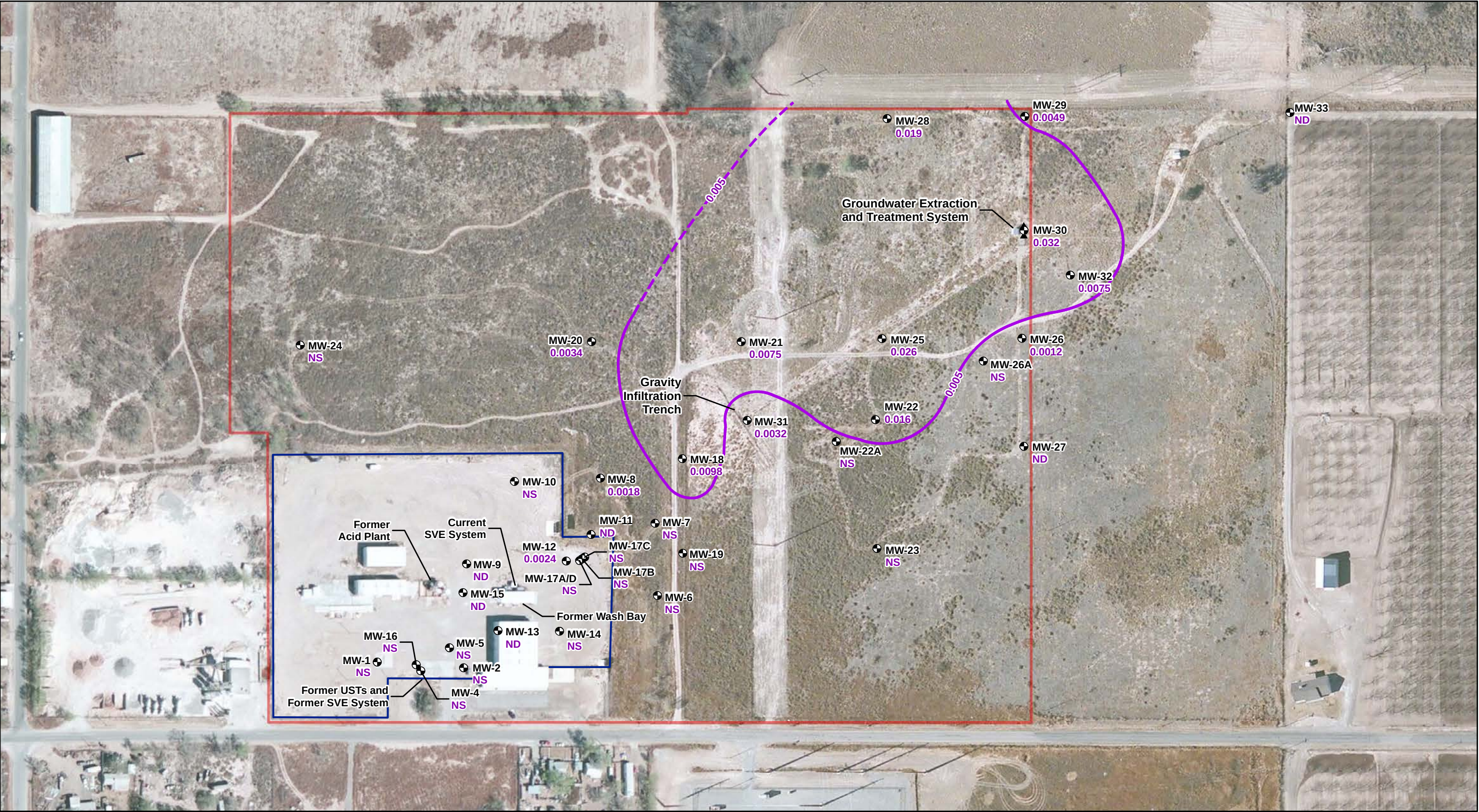


FIGURE 8
Isoconcentration Map for 1,1-DCA – April 2013
 2013 Annual Groundwater Monitoring Report
 Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.005 mg/L WQCC Standard
for 1,1-DCE Isopleth (Dashed where inferred)

0.005 1,1-DCE Concentration mg/L

NS Not Sampled

ND Not Detected

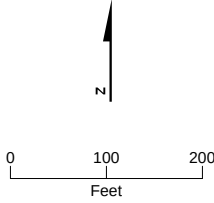
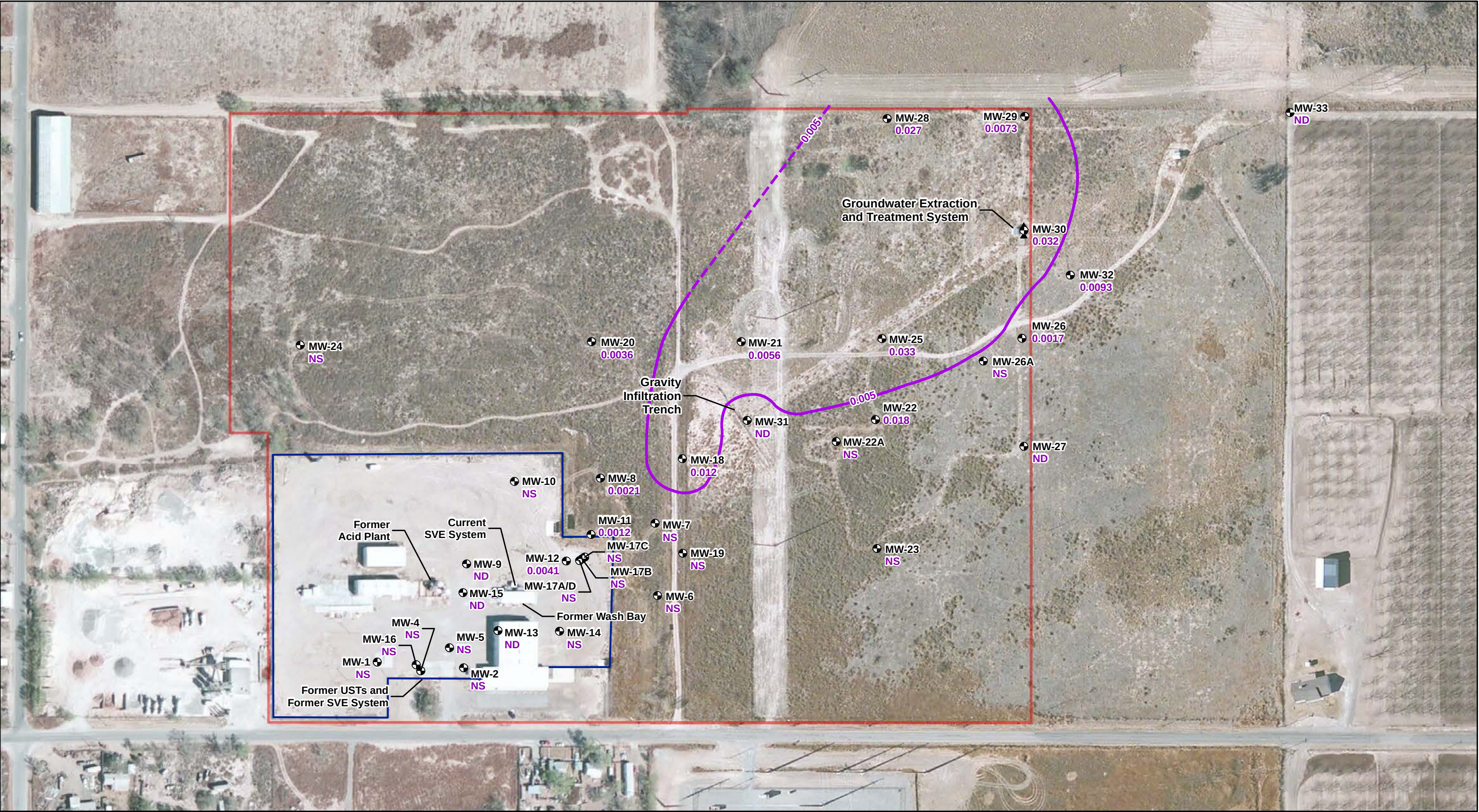


FIGURE 9
Isoconcentration Map for 1,1-DCE – January 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.005 mg/L WQCC Standard
for 1,1-DCE Isopleth (Dashed where inferred)

0.005 1,1-DCE Concentration mg/L

NS Not Sampled

ND Not Detected

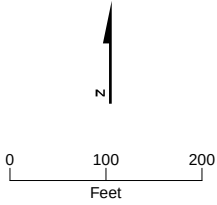
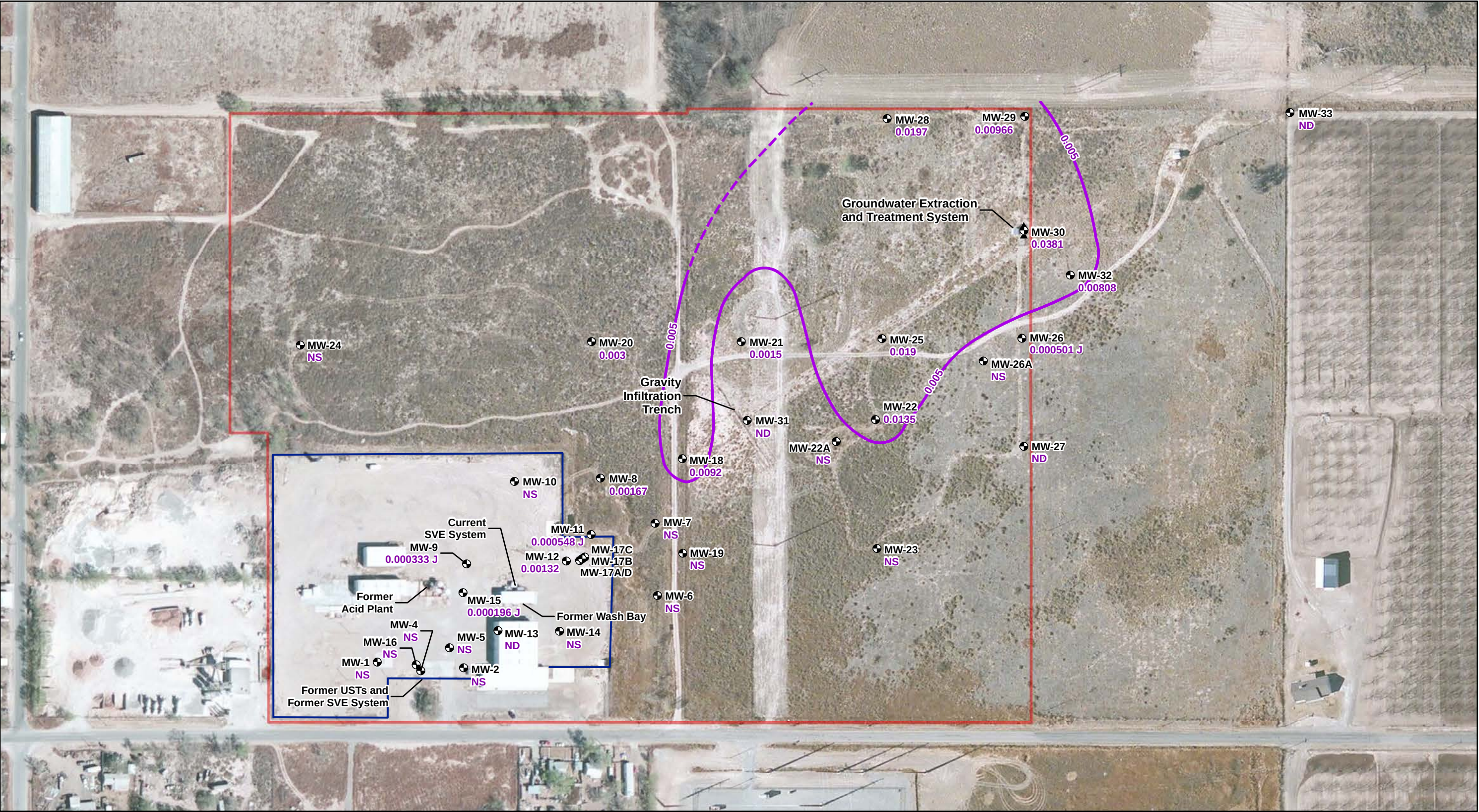


FIGURE 10
Isoconcentration Map for 1,1-DCE – April 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Monitoring Well
- Groundwater Extraction Well
- 0.005 mg/L WQCC Standard for 1,1-DCE Isopleth (Dashed where inferred)
- 0.005 1,1-DCE Concentration mg/L
- NS Not Sampled
- ND Not Detected

Note:
1. J - Chemical detected at concentration above instrument detection limit but below method detection limit.

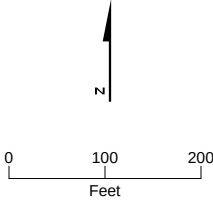
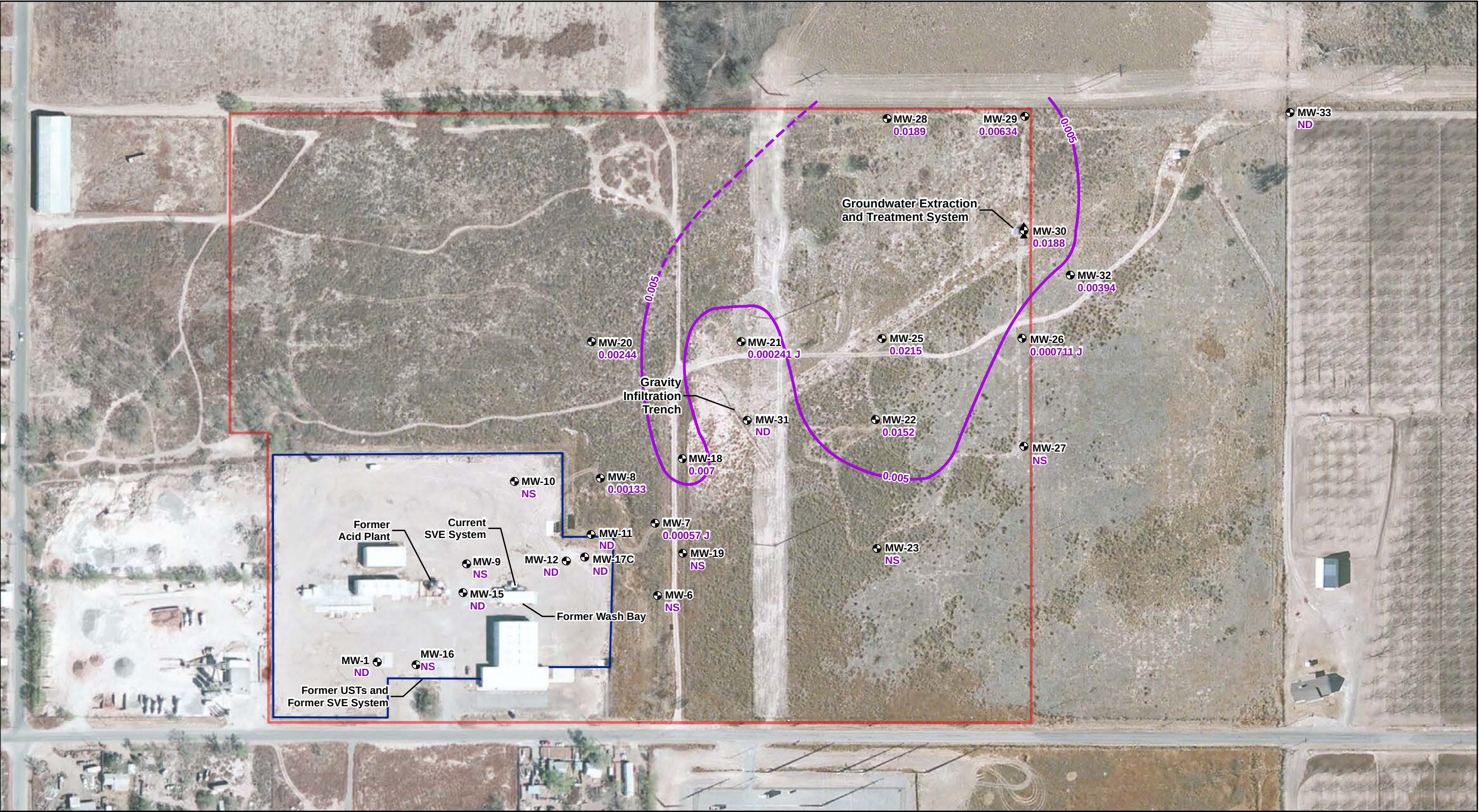


FIGURE 11
Isoconcentration Map for 1,1-DCE – July 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.005 mg/L WQCC Standard
for 1,1-DCE Isopleth (Dashed where inferred)

0.005 1,1-DCE Concentration mg/L

NS Not Sampled

ND Not Detected

Note:
1. J - Chemical detected at concentration
above instrument detection limit but
below method detection limit.

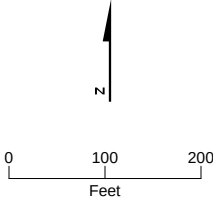
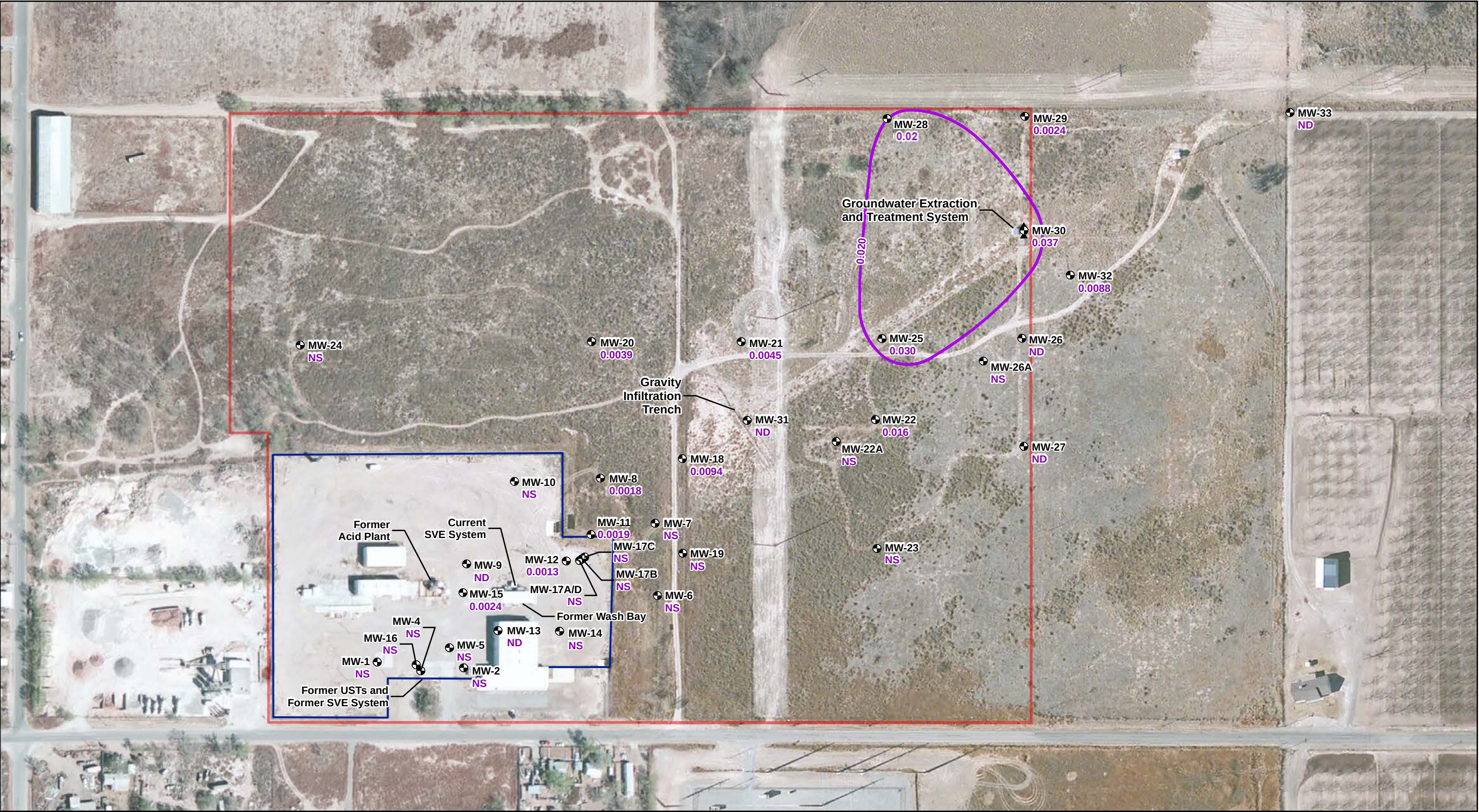


FIGURE 12
Isoconcentration Map for 1,1-DCE – October 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.020 mg/L WQCC Standard
for PCE Isopleth

0.005 PCE Concentration mg/L

NS Not Sampled

ND Not Detected

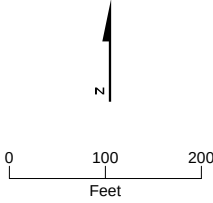
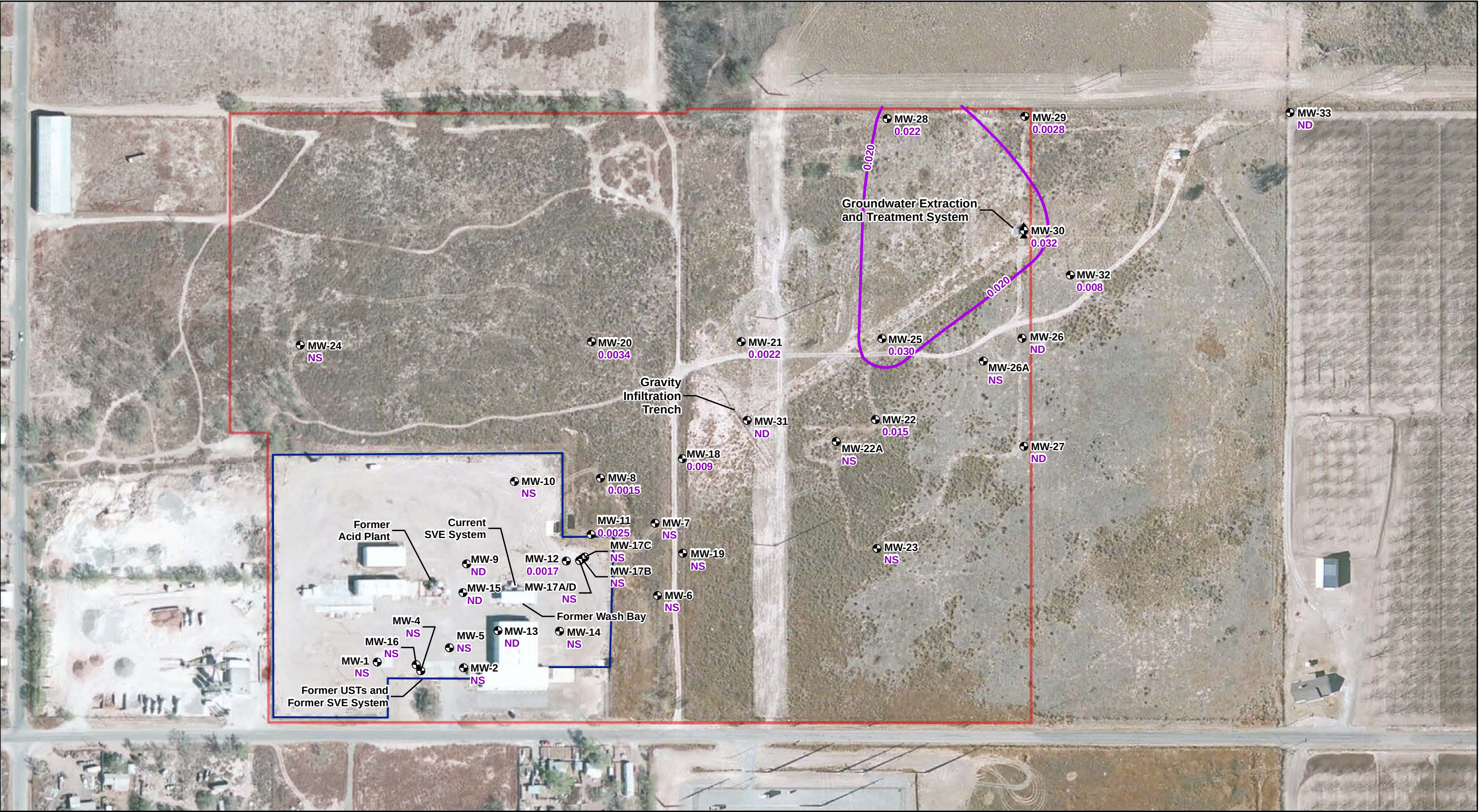


FIGURE 13
Isoconcentration Map for PCE – January 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

- Property Line
- Fence
- Monitoring Well
- ▲ Groundwater Extraction Well
- 0.020 mg/L WQCC Standard for PCE Isopleth
- 0.005 PCE Concentration mg/L
- NS Not Sampled
- ND Not Detected

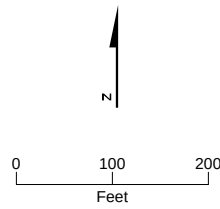
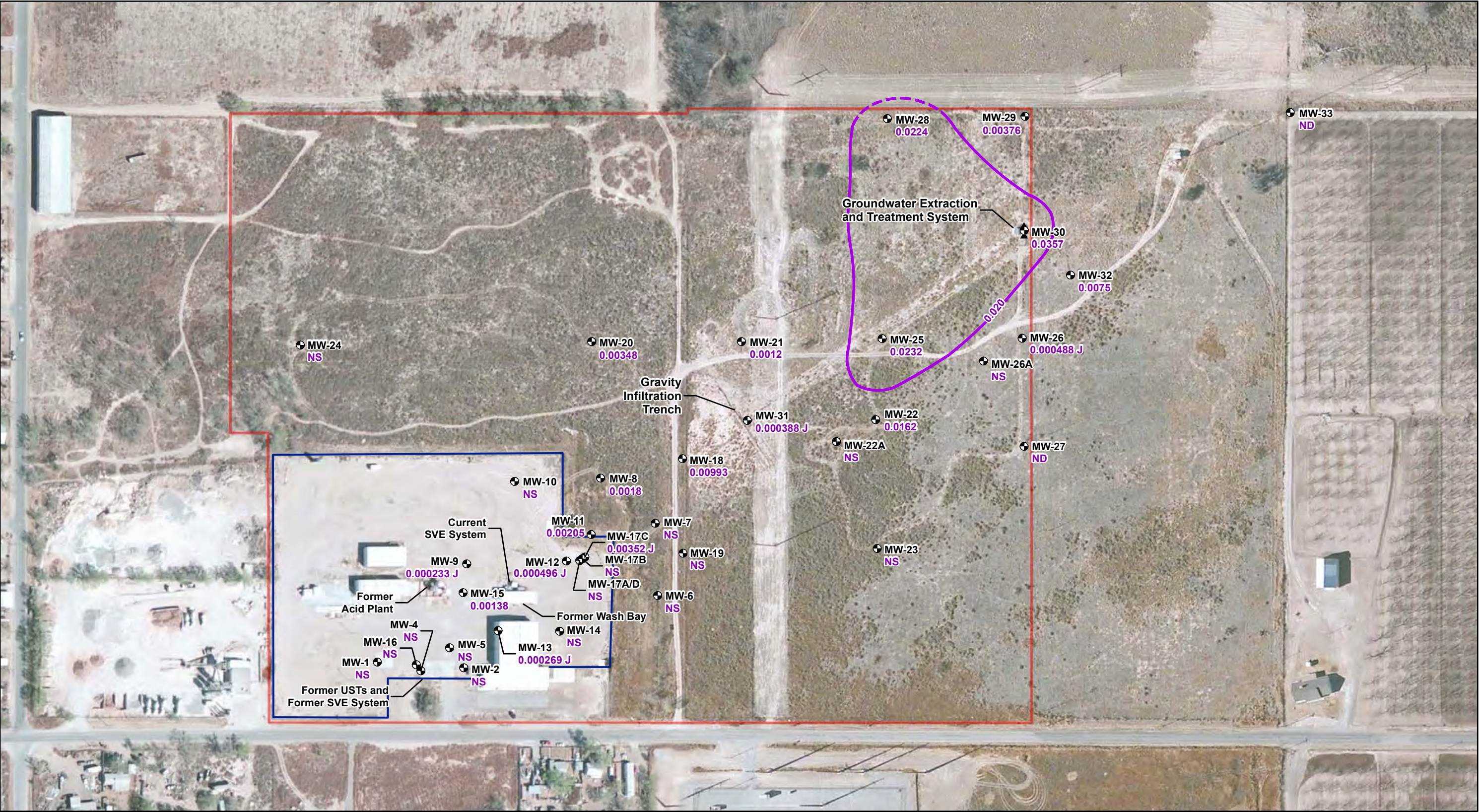


FIGURE 14
Isoconcentration Map for PCE – April 2013
 2013 Annual Groundwater Monitoring Report
 Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.020 mg/L WQCC Standard
for PCE Isopleth (Dashed where inferred)

0.005 PCE Concentration mg/L

NS Not Sampled

ND Not Detected

Note:
1. J - Chemical detected at concentration
above instrument detection limit but
below method detection limit.

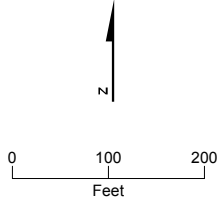
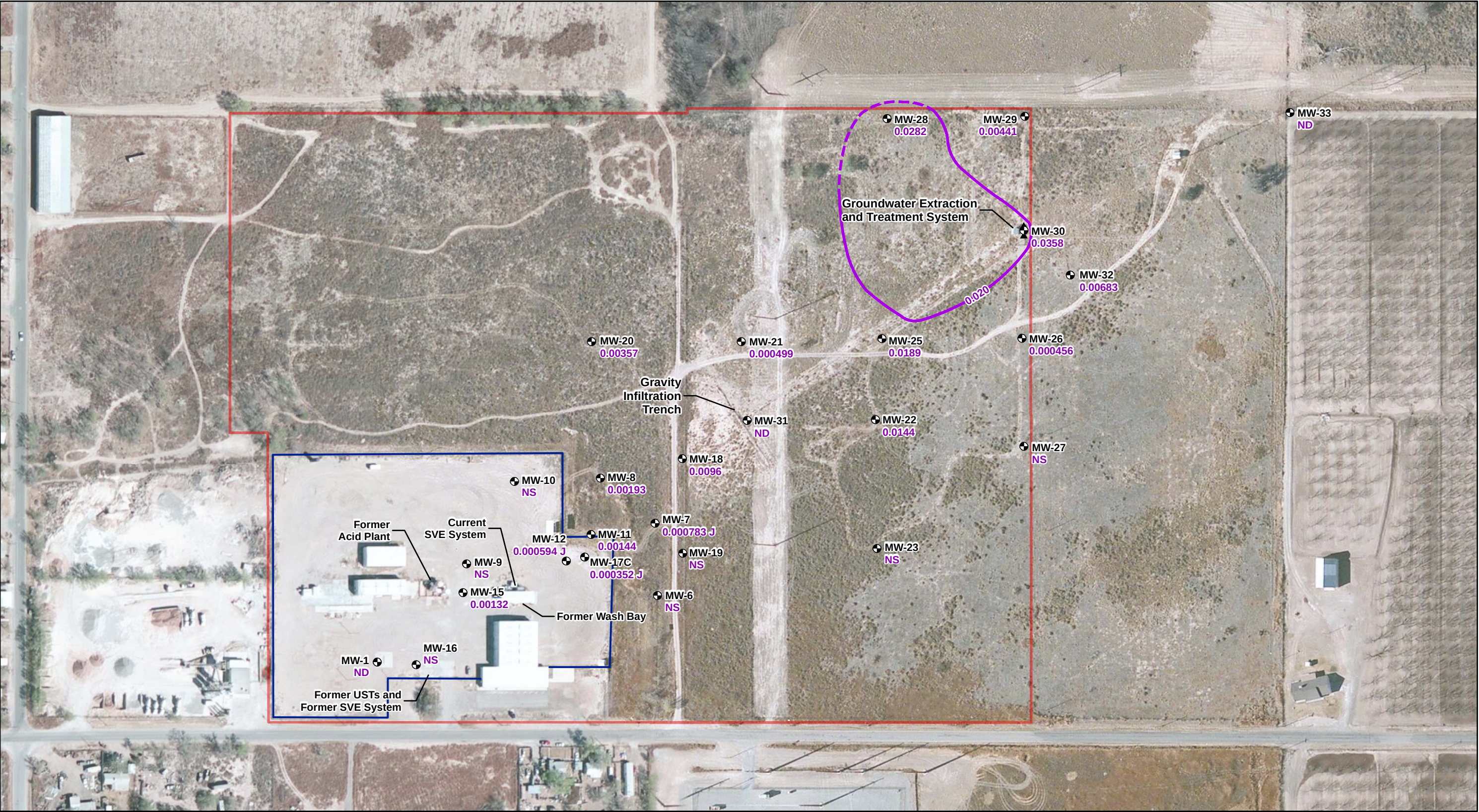


FIGURE 15
Isoconcentration Map for PCE – July 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico



LEGEND

— Property Line

— Fence

● Monitoring Well

▲ Groundwater Extraction Well

— 0.020 mg/L WQCC Standard for PCE Isoleth (Dashed where inferred)

0.005 PCE Concentration mg/L

NS Not Sampled

ND Not Detected

Note:
1. J - Chemical detected at concentration above instrument detection limit but below method detection limit.

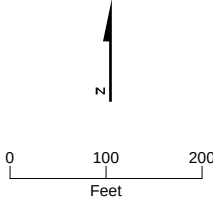


FIGURE 16
Isoconcentration Map for PCE – October 2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico

Tables

TABLE 1

Groundwater Elevation Data—2013

2013 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

Well ID	Date	Total Depth (ft btoc)	Top of Casing Elevation	Depth to Water (ft btoc)	Water Level (ft amsl)	Notes
MW-1	1/23/13	30.0	3358.52	10.53	3347.99	
	4/16/13	30.0	3358.52	11.66	3346.86	
	10/14/13	30.0	3358.52	12.18	3346.34	
MW-2	1/23/13	30.0	3357.52	9.58	3347.94	
	4/16/13	30.0	3357.52	10.89	3346.63	Abandoned on 11/13/13
MW-4	1/23/13	50.0	3357.67	9.42	3348.25	
	4/16/13	50.0	3357.67	10.71	3346.96	Abandoned on 11/13/13
MW-5	1/23/13	30.0	3357.46	10.14	3347.32	
	4/16/13	30.0	3357.46	11.20	3346.26	Abandoned on 11/13/13
MW-6	1/23/13	35.0	3358.80	14.29	3344.51	
	4/16/13	35.0	3358.80	14.82	3343.98	
MW-7	1/23/13	35.0	3358.19	14.73	3343.46	
	4/16/13	35.0	3358.19	14.88	3343.31	
	10/14/13	35.0	3358.19	15.86	3342.33	
MW-8	1/23/13	35.0	3359.43	16.26	3343.17	
	4/16/13	35.0	3359.43	16.33	3343.10	
	7/23/2013	35.0	3359.43	17.26	3342.17	
	10/14/13	35.0	3359.43	15.43	3344.00	
MW-9	1/23/13	30.0	3357.29	12.57	3344.72	
	4/16/13	30.0	3357.29	12.85	3344.44	
	7/23/13	30.0	3357.29	13.71	3343.58	
MW-10	1/23/13	30.0	3357.80	13.42	3344.38	
	4/16/13	30.0	3357.80	13.45	3344.35	
MW-11	1/23/13	30.0	3356.16	12.66	3343.50	
	4/16/13	30.0	3356.16	12.82	3343.34	
	7/23/13	30.0	3356.16	13.75	3342.41	
	10/14/13	30.0	3356.16	13.78	3342.38	
MW-12	1/23/13	34.0	3356.45	12.29	3344.16	
	4/16/13	34.0	3356.45	12.58	3343.87	
	7/23/13	34.0	3356.45	13.38	3343.07	
	10/14/13	34.0	3356.45	13.50	3342.95	
MW-13	1/23/13	45.0	3357.21	10.77	3346.44	
	4/16/13	45.0	3357.21	11.62	3345.59	
	7/23/13	45.0	3357.21	12.24	3344.97	Abandoned on 11/13/13
MW-14	1/23/13	35.0	3356.70	10.58	3346.12	
	4/16/13	35.0	3356.70	11.40	3345.30	Abandoned on 11/13/13

TABLE 1

Groundwater Elevation Data—2013

2013 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

Well ID	Date	Total Depth (ft btoc)	Top of Casing Elevation	Depth to Water (ft btoc)	Water Level (ft amsl)	Notes
MW-15	1/23/13	34.0	3357.65	12.03	3345.62	
	4/16/13	34.0	3357.65	12.57	3345.08	
	7/23/13	34.0	3357.65	13.31	3344.34	
	10/14/13	34.0	3357.65	13.31	3344.34	
MW-16	1/23/13	Not Measured	N/A	10.11	Not calculated	
	4/16/13	Not Measured	N/A	11.40	Not calculated	
MW-17A	1/23/13	26.0	3356.25	12.06	3344.19	
	4/16/13	26.0	3356.25	12.32	3343.93	Abandoned on 11/13/13
MW-17B	1/23/13	34.0	3356.50	12.29	3344.21	
	4/16/13	34.0	3356.50	12.68	3343.82	Abandoned on 11/13/13
MW-17C	1/23/13	61.0	3356.49	12.25	3344.24	
	4/16/13	61.0	3356.49	12.59	3343.90	
	10/14/13	61.0	3356.49	13.46	3343.03	
MW-17D	1/23/13	19.0	3356.42	12.22	3344.20	
	4/16/13	19.0	3356.42	12.52	3343.90	Abandoned on 11/13/13
MW-18	1/23/13	28.0	3356.65	13.93	3342.72	
	4/16/13	28.0	3356.65	13.75	3342.90	
	7/23/13	28.0	3356.65	14.70	3341.95	
	10/14/13	28.0	3356.65	14.79	3341.86	
MW-19	1/23/13	28.0	3357.02	13.25	3343.77	
	4/16/13	28.0	3357.02	13.51	3343.51	
MW-20	1/23/13	28.0	3359.05	18.12	3340.93	
	4/16/13	28.0	3359.05	17.88	3341.17	
	7/23/13	28.0	3359.05	18.82	3340.23	
	10/14/13	28.0	3359.05	17.64	3341.41	
MW-21	1/23/13	25.0	3356.83	16.33	3340.50	
	4/16/13	25.0	3356.83	15.96	3340.87	
	7/23/13	25.0	3356.83	15.95	3340.88	
	10/14/13	25.0	3356.83	15.97	3340.86	
MW-22	1/23/13	24.5	3355.11	15.07	3340.04	
	4/16/13	24.5	3355.11	14.78	3340.33	
	7/23/13	24.5	3355.11	14.62	3340.49	
	10/14/13	24.5	3355.11	14.57	3340.54	
MW-23	1/23/13	25.0	3355.26	13.05	3342.21	
	4/16/13	25.0	3355.26	13.23	3342.03	
MW-24	1/23/13	27.0	3361.37	19.07	3342.30	
	4/16/13	27.0	3361.37	18.88	3342.49	Abandoned on 11/13/13

TABLE 1

Groundwater Elevation Data—2013

2013 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

Well ID	Date	Total Depth (ft btoc)	Top of Casing Elevation	Depth to Water (ft btoc)	Water Level (ft amsl)	Notes
MW-25	1/23/13	25.0	3355.61	16.78	3338.83	
	4/16/13	25.0	3355.61	16.44	3339.17	
	7/23/13	25.0	3355.61	17.18	3338.43	
	10/14/13	25.0	3355.61	17.60	3338.01	
MW-26	1/23/13	25.0	3354.14	16.00	3338.14	
	4/16/13	25.0	3354.14	15.53	3338.61	
	7/23/13	25.0	3354.14	16.22	3337.92	
	10/14/13	25.0	3354.14	16.60	3337.54	
MW-27	1/23/13	25.0	3354.17	15.89	3338.28	
	4/16/13	25.0	3354.17	14.60	3339.57	
	7/23/13	25.0	3354.17	15.11	3339.06	
MW-28	1/23/13	25.0	3355.88	19.19	3336.69	
	4/16/13	25.0	3355.88	18.78	3337.10	
	7/23/13	25.0	3355.88	19.64	3336.24	
	10/14/13	25.0	3355.88	20.17	3335.71	
MW-29	1/23/13	25.0	3354.99	19.79	3335.20	
	4/16/13	25.0	3354.99	19.39	3335.60	
	7/23/13	25.0	3354.99	18.95	3336.04	
	10/14/13	25.0	3354.99	20.70	3334.29	
MW-30	1/23/13	25.0	3354.53	19.63	3334.90	
	4/16/13	25.0	3354.53	19.28	3335.25	
	7/23/13	25.0	3354.53	19.84	3334.69	
	10/14/13	25.0	3354.53	20.26	3334.27	
MW-31	1/23/13	30.0	3356.32	13.95	3342.37	
	4/16/13	30.0	3356.32	13.18	3343.14	
	7/23/13	30.0	3356.32	14.12	3342.20	
	10/14/13	30.0	3356.32	14.33	3341.99	
MW-32	1/23/13	38.88	3354.46	17.67	3336.79	
	4/16/13	38.88	3354.46	17.48	3336.98	
	7/23/13	38.88	3354.46	18.07	3336.39	
	10/14/13	38.88	3354.46	18.60	3335.86	
MW-33	1/23/13	35.0	3349.63	16.02	3333.61	
	4/16/13	35.0	3349.63	15.18	3334.45	
	7/23/13	35.0	3349.63	15.91	3333.72	
	10/14/13	35.0	3349.63	16.98	3332.65	

ft btoc = feet below top of casing

ft amsl = feet above mean sea level

N/A = not available

TABLE 2
Summary of Groundwater Analytical Results—2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYLBENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLOROETHANE (mg/L)
NMWQCC Standards		0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	0.025 mg/L	0.01 mg/L	0.005 mg/L	N/A	0.06 mg/L	0.1 mg/L	0.02 mg/L	N/A
MW-1	10/14/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008
MW-7	10/15/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000233 J	<0.00014	0.000570 J	<0.00006	<0.00015	<0.00018	0.000783 J	<0.00008
MW-8	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0018	<0.001	0.0018	<0.001	<0.001	0.0014	0.0018	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0026	<0.001	0.0021	<0.001	<0.001	0.0011	0.0015	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00192	<0.00014	0.00167	0.000258 J	<0.00015	0.00136	0.0018	<0.00008
	10/16/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00213	<0.00014	0.00133	0.000299 J	<0.00015	0.00146	0.00193	<0.00008
MW-9	01/23/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0025	<0.001	0.020	<0.001	<0.001
	04/17/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0022	<0.001	0.016	<0.001	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	0.000333 J	0.002538 J	<0.00015	0.0184	0.000233 J	<0.00008
MW-11	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0025	<0.001	<0.001	<0.001	<0.001	0.0013	0.0019	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0042	<0.001	0.0012	<0.001	<0.001	0.0012	0.0025	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00211	<0.00014	0.000548 J	<0.00006	<0.00015	0.000934 J	0.00205	<0.00008
	10/16/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00165	<0.00014	<0.00019	<0.00006	<0.00015	0.000658 J	0.00144	<0.00008
MW-12	01/23/13	0.0068	0.19	<0.001	0.051	0.029	<0.001	0.0024	0.038	<0.001	0.005	0.0013	<0.001
	04/17/13	0.015	0.40	<0.001	0.093	0.050	<0.001	0.0041	0.059	<0.001	0.0045	0.0017	<0.001
	07/23/13	0.00432	0.162 J	<0.00015	0.0501	0.0165	<0.00014	0.00132	0.0249	<0.00015	0.00195	0.000496 J	<0.00008
	10/14/13	0.00446	0.136	<0.00015	0.0524	0.0172	<0.00014	<0.00019	0.0216	<0.00015	0.00304	0.000594 J	<0.00008
MW-13	01/23/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	04/17/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	0.000412 J	0.000269 J	<0.00008
MW-15	01/23/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0055	<0.001	0.040	0.0024	<0.001
	04/17/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0096	<0.001	0.054	<0.001	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000378 J	<0.00014	0.000196 J	0.0055	<0.00015	0.0433	0.00138	<0.00008
	10/14/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000366 J	<0.00014	<0.00019	0.005162	<0.00015	0.0384	0.00132	<0.00008
MW-17C	10/14/13	<0.00008	0.000477 J	<0.00015	0.000221 J	0.000331 J	<0.00014	<0.00019	<0.00006	<0.00015	0.000437 J	0.000352 J	<0.00008
MW-18	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0021	<0.001	0.0098	<0.001	<0.001	0.0018	0.0094	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0026	<0.001	0.012	<0.001	<0.001	0.0012	0.009	<0.001
	07/24/13	0.000172 J	<0.00011	<0.00015	<0.00026	0.00217	<0.00014	0.0092	<0.00006	<0.00015	0.00162	0.00993	<0.00008
	10/15/13	0.000149 J	<0.00011	<0.00015	<0.00026	0.00196	<0.00014	0.00700	<0.00006	<0.00015	0.00152	0.00960	<0.00008
MW-20	01/23/13	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	0.0034	0.0024	<0.001	0.0046	0.0039	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.014	<0.001	0.0036	0.0026	<0.001	0.0036	0.0034	<0.001
	07/23/13	0.000232 J	<0.00011	<0.00015	<0.00026	0.0119	<0.00014	0.003	0.00264	<0.00015	0.00433	0.00348	<0.00008
	10/15/13	0.000242 J	<0.00011	<0.00015	<0.00026	0.0123	0.00019 J	0.00244	0.00286	<0.00015	0.00404	0.00357	<0.00008

TABLE 2
Summary of Groundwater Analytical Results—2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYLBENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLOROETHANE (mg/L)
NMWQCC Standards		0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	0.025 mg/L	0.01 mg/L	0.005 mg/L	N/A	0.06 mg/L	0.1 mg/L	0.02 mg/L	N/A
MW-21	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0041	<0.001	0.0075	<0.001	<0.001	0.0016	0.0045	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0038	<0.001	0.0056	<0.001	<0.001	<0.001	0.0022	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00193	<0.00014	0.0015	<0.00006	<0.00015	0.000261 J	0.0012	<0.00008
	10/15/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000607 J	<0.00014	0.000241 J	<0.00006	<0.00015	<0.00018	0.000499	<0.00008
MW-22	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0057	<0.001	0.016	<0.001	<0.001	0.0078	0.016	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0067	<0.001	0.018	<0.001	<0.001	0.0054	0.015	<0.001
	07/24/13	0.000108 J	<0.00011	<0.00015	<0.00026	0.0056	<0.00014	0.0135	0.000408 J	<0.00015	0.00567	0.0162	<0.00008
	10/15/13	0.0000978 J	<0.00011	<0.00015	<0.00026	0.00539	0.000157 J	0.0152	0.000273 J	<0.00015	0.00440	0.0144	<0.00008
MW-25	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0074	<0.001	0.026	<0.001	<0.001	0.0084	0.030	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.00969	<0.001	0.033	<0.001	<0.001	0.0068	0.030	<0.001
	07/24/13	0.0000882 J	<0.00011	<0.00015	<0.00026	0.00657	<0.00014	0.019	0.000173 J	<0.00015	0.00559	0.0232	<0.00008
	10/15/13	0.000108 J	<0.00011	<0.00015	<0.00026	0.00611 J	0.000153 J	0.0215	0.000177 J	<0.00015	0.00456	0.0189	<0.00008
MW-26	01/24/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	0.000501 J	<0.00006	<0.00015	0.00026 J	0.000488 J	<0.00008
	10/15/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000125 J	<0.00014	0.000711 J	<0.00006	<0.00015	0.000248	0.000456	<0.00008
MW-27	01/24/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008
MW-28	01/23/13	<0.001	<0.001	<0.001	<0.001	0.0097	<0.001	0.019	<0.001	<0.001	0.0085	0.02	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.012	<0.001	0.027	<0.001	<0.001	0.0072	0.022	<0.001
	07/23/13	0.000111 J	<0.00011	<0.00015	<0.00026	0.0092	<0.00014	0.0197	0.000627 J	<0.00015	0.00786	0.0224	<0.00008
	10/15/13	0.000110 J	<0.00011	<0.00015	<0.00026	0.00953	0.000191 J	0.0189	0.000633 J	<0.00015	0.00847	0.0282	<0.00008
MW-29	01/23/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0049	<0.001	<0.001	0.0013	0.0024	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.0073	<0.001	<0.001	<0.001	0.0028	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00097 J	<0.00014	0.00966	<0.00006	<0.00015	0.00165	0.00376	<0.00008
	10/15/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00138	<0.00014	0.00634	0.0000883 J	<0.00015	0.00198	0.00441	<0.00008
MW-30	01/23/13	<0.001	<0.001	<0.001	<0.001	0.0090	<0.001	0.032	<0.001	<0.001	0.0099	0.037	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0093	<0.001	0.032	<0.001	<0.001	0.0072	0.032	<0.001
	07/23/13	0.000106 J	<0.00011	<0.00015	<0.00026	0.00751	<0.00014	0.0381	0.000175 J	<0.00015	0.00785	0.0357	<0.00008
	10/15/13	0.000111 J	<0.00011	<0.00015	<0.00026	0.00875	0.000204 J	0.0188	0.000193 J	<0.00015	0.00834	0.0358	<0.00008
MW-31	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0033	<0.001	0.0032	<0.001	<0.001	<0.001	<0.001	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	0.000388 J	<0.00008
	10/15/13	<0.00008	<0.00011	<0.00015	<0.00026	0.00102	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008

TABLE 2
Summary of Groundwater Analytical Results—2013
2013 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility, Artesia, New Mexico

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYLBENZENE (mg/L)	TOLUENE (mg/L)	TOTAL XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	TOTAL 1,2-DCE (mg/L)	1,1,1-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	CHLOROETHANE (mg/L)
NMWQCC Standards		0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	0.025 mg/L	0.01 mg/L	0.005 mg/L	N/A	0.06 mg/L	0.1 mg/L	0.02 mg/L	N/A
MW-32	01/24/13	<0.001	<0.001	<0.001	<0.001	0.0014	<0.001	0.0075	<0.001	<0.001	0.0022	0.0088	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	0.0093	<0.001	<0.001	0.0016	0.008	<0.001
	07/23/13	0.000083 J	<0.00011	<0.00015	<0.00026	0.00124	<0.00014	0.00808	<0.00006	<0.00015	0.00159	0.0075	<0.00008
	10/15/13	0.0000874 J	<0.00011	<0.00015	<0.00026	0.00120	<0.00014	0.00394	<0.00006	<0.00015	0.00148	0.00683	<0.00008
MW-33	01/24/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008
	10/14/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008
Tank A	01/24/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	04/17/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/23/13	<0.00008	<0.00011	<0.00015	<0.00026	0.000248 J	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008
Tank B	01/23/13	<0.001	<0.001	<0.001	<0.001	0.0033	<0.001	0.0057	<0.001	<0.001	<0.001	<0.001	<0.001
	04/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	07/24/13	<0.00008	<0.00011	<0.00015	<0.00026	<0.00011	<0.00014	<0.00019	<0.00006	<0.00015	<0.00018	<0.00013	<0.00008

NOTES:

Analytical method used EPA Method 8260

NMWQCC - New Mexico Water Quality Control Commission

mg/L = milligrams per liter (equivalent to parts per million)

<0.001 = chemical not detected at concentration above detection limit shown

J = chemical detected at concentration above instrument detection limit but below method detection limit

0.0075 Bold text indicates the analyte was detected

0.0075 Highlighted and bold cells indicate concentrations exceeding NMWQCC screening levels

CHEMICAL ABBREVIATIONS:

1,1-DCA = 1,1-dichloroethane

1,2-DCA = 1,2-dichloroethane

1,1-DCE = 1,1-dichloroethene

1,1,1-TCA = 1,1,1-trichloroethane

1,1,2-TCA = 1,1,2-trichloroethane

TCE = trichloroethene

PCE = tetrachloroethene

TABLE 3

Summary of Soil Vapor Analytical Results—2013

2013 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, New Mexico

SVE Zone	Sample Date	Benzene (mg/m ³)	Ethylbenzene (mg/m ³)	Toluene (mg/m ³)	Total		1,1-DCA (mg/m ³)	1,2-DCA (mg/m ³)	1,1-DCE (mg/m ³)	1,1,1-TCA (mg/m ³)	1,1,2-TCA (mg/m ³)	TCE (mg/m ³)	PCE (mg/m ³)
					Xylenes (mg/m ³)								
WB-COMP	01/23/13	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
WB-COMP	04/16/13	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
WB-COMP	07/23/13	0.00253	0.08745	<0.00038	0.602		0.03792	<0.00037	0.00107 J	<0.00069	<0.00072	0.00688 J	0.0952

NOTES:

mg/m³ = milligrams per cubic meter

WB-COMP = composite sample from Wash Bay soil vapor extraction zones 1, 2, and 3

<0.001 = chemical not detected at concentration above detection limit shown

J = chemical detected at concentration above instrument detection limit but below method detection limit

0.08745 Bold text indicates the analyte was detected

CHEMICAL ABBREVIATIONS:

1,1-DCA = 1,1-dichloroethane

1,2-DCA = 1,2-dichloroethane

1,1-DCE = 1,1-dichloroethene

1,1,1-TCA = 1,1,1-trichloroethane

1,1,2-TCA = 1,1,2-trichloroethane

TCE = trichloroethene

PCE = tetrachloroethene

Appendix A
NMOCD Approvals of Work Plan Amendments

From: [Hansen, Edward J., EMNRD](#)
To: [Virgilio Cocianni](#)
Cc: [VonGonten, Glenn, EMNRD](#); [Strunk Jr, Jim \(JStrunkJr@dow.com\)](#); [Barnett, Cathy/STL](#); [Minchak, Jeff/ABQ](#)
Subject: Discharge Permit (GW-114) Work Plan Amendment Approval - Schlumberger Oilfield Services Facility - Artesia
Date: Monday, July 15, 2013 2:54:52 PM

**RE: Work Plan Amendment
for the Schlumberger Oilfield Services'
Schlumberger Oilfield Services Facility - Artesia
507 E. Richey Ave., Artesia, New Mexico
Discharge Permit (GW-114) Work Plan Amendment Approval**

Dear Mr. Cocianni:

The New Mexico Oil Conservation Division (OCD) has received the Work Plan Amendment for the Schlumberger Oilfield Services Facility - Artesia, dated July 9, 2013. The proposed amendment, submitted for the above-referenced site, indicates that the Schlumberger Oilfield Services (Schlumberger) is substantially complying with the requirements of 20.6.2 NMAC [Water Quality Control Commission (WQCC) Regulations]. Therefore, the OCD conditionally approves the amendment to the work plan:

Schlumberger shall continue to submit an annual report to the OCD by April 1 of the following year.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

P.S.: The OCD has reviewed the Meeting Minutes of June 18, 2013. The OCD has two amendments to the meeting minutes:

- 1) The groundwater remediation for the site (including any investigation or source control) will continue under the discharge permit; i.e., the WQCC regulations, 20.6.2 NMAC (*not NMAC 19.15.29 as stated in the minutes*).
- 2) The discharge permit fee for remediation will be \$2,600 (*not \$2,400 as stated in the minutes*).

From: Virgilio Cocianni [mailto:cocianni-v@slb.com]
Sent: Tuesday, July 09, 2013 6:44 AM

To: Hansen, Edward J., EMNRD; VonGonten, Glenn, EMNRD
Cc: Strunk Jr, Jim (JStrunkJr@dow.com); Cathy Barnett (Cathy.Barnett@CH2M.com); Jeffrey.Minchak@CH2M.com
Subject: Artesia Meeting Notes

Good morning, Ed and Glenn.

Please find attached the minutes of the meeting we held in your offices on June 18th. Forgive us for the delay in getting these minutes to you. If you have any concerns about the content, please let me know.

As we discussed during the meeting, STC and Dow formally request to cease the quarterly reporting requirement and to continue only with the annual report. With your approval, the Second Quarter Monitoring Results report that you are about to receive will be the last quarterly report.

Have a wonderful week.

Best regards,

Vic.

Vic Cocianni
Schlumberger Remediation Manager
Phone: +1-281-285-4747

" Courage doesn't always roar. Sometimes courage is the little voice at the end of the day that says I'll try again tomorrow." Mary Ann Radmacher.
(Please continue to be patient with me, She is still making me).

From: [Hansen, Edward J., EMNRD](#)
To: [Virgilio Cocianni](#)
Cc: [VonGonten, Glenn, EMNRD](#); [Strunk Jr, Jim \(JStrunkJr@dow.com\)](#); [Barnett, Cathy/STL](#); [Laggan, Jennifer/DEN](#); [Minchak, Jeff/ABQ](#)
Subject: Discharge Permit (GW-114) Work Plan (GW Monitoring Program) Amendment Approval - Schlumberger Oilfield Services Facility - Artesia
Date: Wednesday, September 18, 2013 1:53:04 PM

**RE: Work Plan Amendment
for the Schlumberger Oilfield Services'
Schlumberger Oilfield Services Facility - Artesia
507 E. Richey Ave., Artesia, New Mexico
Discharge Permit (GW-114) Work Plan (GW Monitoring Program) Amendment
Approval**

Dear Mr. Cocianni:

The Oil Conservation Division (OCD) has received the Work Plan Amendment for the Schlumberger Oilfield Services Facility - Artesia, dated September 17, 2013. The proposed amendment, submitted for the above-referenced site, indicates that the Schlumberger Oilfield Services (Schlumberger) is substantially complying with the requirements of 20.6.2 NMAC [Water Quality Control Commission (WQCC) Regulations]. Therefore, the OCD conditionally approves the amendment to the work plan:

Schlumberger shall continue to monitoring ground water at MW-1 and MW-20 at least annually.

Schlumberger may discontinue monitoring ground water at MW-19.

Schlumberger shall use a cement grout with 1% to 3% bentonite and a 3-foot cap of cement to the surface when plugging the monitoring wells.

Schlumberger shall submit to OCD a plugging report within 180 days.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: [Hansen, Edward J., EMNRD](#)
To: cocianni-v@slb.com
Cc: [VonGonten, Glenn, EMNRD](#); [Strunk Jr, Jim \(JStrunkJr@dow.com\)](mailto:JStrunkJr@dow.com); [Barnett, Cathy/STL](#); [Minchak, Jeff/ABQ](#)
Subject: Discharge Permit (GW-114) Work Plan (GW Remediation Program) Amendment Approval - Schlumberger Oilfield Services Facility - Artesia
Date: Thursday, August 22, 2013 4:44:31 PM

**RE: Work Plan Amendment
for the Schlumberger Oilfield Services'
Schlumberger Oilfield Services Facility - Artesia
507 E. Richey Ave., Artesia, New Mexico
Discharge Permit (GW-114) Work Plan (GW Remediation Program) Amendment
Approval**

Dear Mr. Cocianni:

The Oil Conservation Division (OCD) has received the Work Plan Amendment for the Schlumberger Oilfield Services Facility - Artesia, dated August 15, 2013. The proposed amendment, submitted for the above-referenced site, indicates that the Schlumberger Oilfield Services (Schlumberger) is substantially complying with the requirements of 20.6.2 NMAC [Water Quality Control Commission (WQCC) Regulations]. Therefore, the OCD conditionally approves the amendment to the work plan:

Schlumberger shall provide to the OCD for approval a demonstration that the WQCC standards for Manganese (0.2 mg/L) or Sulfate (600.0 mg/L) will not be exceeded in ground water at the site prior to initiation of the ISCO treatment. Also, Schlumberger must monitor for Manganese or Sulfate in ground water depending on the ISCO substrate used for the treatment.

If any other substrate other than permanganate or persulfate is proposed to be used, Schlumberger must obtain OCD approval prior to such use.

Please be advised that OCD approval of this amendment does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Appendix B

Groundwater Sampling Procedures

Groundwater Sampling Procedures

Depth to Groundwater and Total Well Depth Measurements

Depth to groundwater and total well depth at each monitoring well will be measured and recorded prior to sampling. The measurements are made to the nearest 0.01 foot relative to a surveyed top-of-casing elevation using an electric water probe. Water levels at monitoring wells located hydraulically upgradient of impacted groundwater will be measured first, and water levels at monitoring wells within affected areas will be measured last. At the time of water-level measurements, the total depth of each monitoring well will also be measured to the nearest 0.01 foot relative to the top-of-casing. The total depth measurements are used to evaluate whether sedimentation (silting) is occurring in the monitoring wells or whether other structural concerns may be evident.

Groundwater Sampling Procedures

Groundwater samples will be collected from the monitoring wells using low-flow sampling techniques. Monitoring wells located outside of the limits of affected groundwater are sampled first, and monitoring wells located within affected areas are sampled last. A low-flow peristaltic pump with dedicated polyethylene tubing will be used to purge each monitoring well. The groundwater pumping rate will be maintained at or less than 0.1 to 0.3 liter per minute to prevent drawdown and promote radial flow into the well bore. The technique is used to prevent stress to the aquifer and allow collection of representative groundwater samples. A calibrated water-quality meter (YSI model 556 or equivalent) is used for continuous field measurement of groundwater parameters during well purging. Samples will be collected once parameters have stabilized or three well-casing volumes of water have been purged. Groundwater parameters are considered stable after three successive readings are within the following parameters:

- ± 1 degree Celsius for temperature
- ± 0.1 pH
- ± 3 percent specific conductivity
- ± 10 millivolts oxidation reduction potential
- ± 0.3 milligram per liter dissolved oxygen
- ± 10 percent turbidity or ≤ 10 nephelometric turbidity units

Field parameters, along with the corresponding volume purged, will be recorded on purge forms. Additional field observations such as water color, clarity, odor, effervescence, sediment, and bacterial fouling will also be documented on the purge form. Final field parameters, notable observations, and sample times will also be recorded in the field logbook.

The tubing from which the water sample is being collected must not touch the sample collection container (i.e., vial, wide-mouth bottle, etc.). When sampling for volatile organic compounds, aeration of the sample is kept to a minimum. This is accomplished by pouring the sample down the inner side of the sample container (40-milliliter glass volatile organics analysis bottles with Teflon septa and hydrochloric acid preservative) until the vial is full and the water is mounding. When bottle filling is complete, each sample container is identified with a properly completed label. Labels are filled out completely with data, time, sample ID, matrix, parameters to be analyzed, method number, preservative added, and the sampler's initials. The labels are affixed to the containers prior to sampling. Groundwater samples collected are submitted to an independent laboratory for analysis of volatile organic compounds.

Decontamination Procedures

Prior to each use, the sampling equipment is cleaned using a laboratory-grade detergent wash, potable water rinse, and final distilled water rinse.

Remediation-derived Waste Management

Remediation-derived purge water from groundwater sampling activities will be contained in a 55-gallon drum. On a daily basis, purge water is transferred to the onsite evaporation basin or to the groundwater treatment system.

Appendix C

Analytical Laboratory Reports

JANUARY 2013 DATA

ANALYTICAL SUMMARY REPORT

February 12, 2013

Deuell Environmental LLC
1653 Diamond Head Ct
Laramie, WY 82072

Workorder No.: C13010779

Project Name: 90125 Artesia

Energy Laboratories, Inc. Casper WY received the following 24 samples for Deuell Environmental LLC on 1/25/2013 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C13010779-001	90125-13.1/13	01/23/13 9:00	01/25/13	Aqueous	SW8260B VOCs, Standard List
C13010779-002	90125-15.1/13	01/23/13 9:20	01/25/13	Aqueous	Same As Above
C13010779-003	90125-9.1/13	01/23/13 9:40	01/25/13	Aqueous	Same As Above
C13010779-004	90125-12.1/13	01/23/13 10:00	01/25/13	Aqueous	Same As Above
C13010779-005	90125-20.1/13	01/23/13 12:00	01/25/13	Aqueous	Same As Above
C13010779-006	90125-28.1/13	01/23/13 12:30	01/25/13	Aqueous	Same As Above
C13010779-007	90125-29.1/13	01/23/13 13:00	01/25/13	Aqueous	Same As Above
C13010779-008	90125-30.1/13	01/23/13 13:20	01/25/13	Aqueous	Same As Above
C13010779-009	90125-Tank (B).1/13	01/23/13 13:40	01/25/13	Aqueous	Same As Above
C13010779-010	90125-A.1/13	01/23/13 7:00	01/25/13	Aqueous	Same As Above
C13010779-011	90125-32.1/13	01/24/13 8:00	01/25/13	Aqueous	Same As Above
C13010779-012	90125-33.1/13	01/24/13 8:30	01/25/13	Aqueous	Same As Above
C13010779-013	90125-26.1/13	01/24/13 9:00	01/25/13	Aqueous	Same As Above
C13010779-014	90125-27.1/13	01/24/13 9:20	01/25/13	Aqueous	Same As Above
C13010779-015	90125-22.1/13	01/24/13 9:40	01/25/13	Aqueous	Same As Above
C13010779-016	90125-25.1/13	01/24/13 10:00	01/25/13	Aqueous	Same As Above
C13010779-017	90125-21.1/13	01/24/13 10:20	01/25/13	Aqueous	Same As Above
C13010779-018	90125-31.1/13	01/24/13 10:40	01/25/13	Aqueous	Same As Above
C13010779-019	90125-18.1/13	01/24/13 11:00	01/25/13	Aqueous	Same As Above
C13010779-020	90125-11.1/13	01/24/13 11:20	01/25/13	Aqueous	Same As Above
C13010779-021	90125-8.1/13	01/24/13 11:40	01/25/13	Aqueous	Same As Above
C13010779-022	90125-Tank (A).1/13	01/24/13 12:00	01/25/13	Aqueous	Same As Above
C13010779-023	90125-B.1/13	01/24/13 7:30	01/25/13	Aqueous	Same As Above
C13010779-024	Trip Blank 7228	01/24/13 0:00	01/25/13	Aqueous	Same As Above

ANALYTICAL SUMMARY REPORT

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Stephanie D Waldrop
Reporting Supervisor

Digitally signed by
Stephanie Waldrop
Date: 2013.02.12 11:46:25 -07:00



CLIENT: Deuell Environmental LLC

Project: 90125 Artesia

Sample Delivery Group: C13010779

Report Date: 02/12/13

CASE NARRATIVE

BRANCH LABORATORY SUBCONTRACT ANALYSIS

Tests associated with analyst identified as ELI-H were subcontracted to Energy Laboratories, 3161 E.Lyndale Ave., Helena, MT, EPA Number MT00945.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-001
Client Sample ID: 90125-13.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:00
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-001
Client Sample ID: 90125-13.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 13:30 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 13:30 / eli-h
Surr: 1,2-Dichloroethane-d4	88.0	%REC		70-130		SW8260B	01/31/13 13:30 / eli-h
Surr: Dibromofluoromethane	92.0	%REC		70-130		SW8260B	01/31/13 13:30 / eli-h
Surr: p-Bromofluorobenzene	99.0	%REC		70-130		SW8260B	01/31/13 13:30 / eli-h
Surr: Toluene-d8	97.0	%REC		70-130		SW8260B	01/31/13 13:30 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-002
Client Sample ID: 90125-15.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
cis-1,2-Dichloroethene	5.5	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-002
Client Sample ID: 90125-15.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 17:34 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Tetrachloroethene	2.4	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Trichloroethene	40	ug/L		2.5		SW8260B	02/01/13 11:26 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 17:34 / eli-h
Surr: 1,2-Dichloroethane-d4	84.0	%REC		70-130		SW8260B	01/31/13 17:34 / eli-h
Surr: Dibromofluoromethane	89.0	%REC		70-130		SW8260B	01/31/13 17:34 / eli-h
Surr: p-Bromofluorobenzene	89.0	%REC		70-130		SW8260B	01/31/13 17:34 / eli-h
Surr: Toluene-d8	100	%REC		70-130		SW8260B	01/31/13 17:34 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-003
Client Sample ID: 90125-9.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
cis-1,2-Dichloroethene	2.5	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-003
Client Sample ID: 90125-9.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 09:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 14:00 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Trichloroethene	20	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 14:00 / eli-h
Surr: 1,2-Dichloroethane-d4	87.0	%REC		70-130		SW8260B	01/31/13 14:00 / eli-h
Surr: Dibromofluoromethane	93.0	%REC		70-130		SW8260B	01/31/13 14:00 / eli-h
Surr: p-Bromofluorobenzene	92.0	%REC		70-130		SW8260B	01/31/13 14:00 / eli-h
Surr: Toluene-d8	102	%REC		70-130		SW8260B	01/31/13 14:00 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-004
Client Sample ID: 90125-12.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 10:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1-Dichloroethane	29	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1-Dichloroethene	2.4	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2,4-Trimethylbenzene	360	ug/L		10		SW8260B	02/01/13 18:05 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,3,5-Trimethylbenzene	140	ug/L		10		SW8260B	02/01/13 18:05 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Benzene	6.8	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
cis-1,2-Dichloroethene	38	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Ethylbenzene	190	ug/L		10		SW8260B	02/01/13 18:05 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Isopropylbenzene	140	ug/L		10		SW8260B	02/01/13 18:05 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-004
Client Sample ID: 90125-12.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 10:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	50	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Methyl ethyl ketone	ND	ug/L		40		SW8260B	02/01/13 18:36 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
n-Butylbenzene	8.1	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
n-Propylbenzene	230	ug/L		10		SW8260B	02/01/13 18:05 / eli-h
Naphthalene	48	ug/L		10		SW8260B	02/01/13 18:05 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
p-Isopropyltoluene	2.0	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
sec-Butylbenzene	12	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Tetrachloroethene	1.3	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Trichloroethene	5.0	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Xylenes, Total	51	ug/L		1.0		SW8260B	02/01/13 18:36 / eli-h
Surr: 1,2-Dichloroethane-d4	85.0	%REC		70-130		SW8260B	02/01/13 18:36 / eli-h
Surr: Dibromofluoromethane	90.0	%REC		70-130		SW8260B	02/01/13 18:36 / eli-h
Surr: p-Bromofluorobenzene	95.0	%REC		70-130		SW8260B	02/01/13 18:36 / eli-h
Surr: Toluene-d8	112	%REC		70-130		SW8260B	02/01/13 18:36 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-005
Client Sample ID: 90125-20.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 12:00
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1-Dichloroethane	10	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1-Dichloroethene	3.4	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
cis-1,2-Dichloroethene	2.4	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-005
Client Sample ID: 90125-20.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 12:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 14:31 / eli-h
Methyl tert-butyl ether (MTBE)	2.8	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Tetrachloroethene	3.9	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Trichloroethene	4.6	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 14:31 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	01/31/13 14:31 / eli-h
Surr: Dibromofluoromethane	90.0	%REC		70-130		SW8260B	01/31/13 14:31 / eli-h
Surr: p-Bromofluorobenzene	99.0	%REC		70-130		SW8260B	01/31/13 14:31 / eli-h
Surr: Toluene-d8	104	%REC		70-130		SW8260B	01/31/13 14:31 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-006
Client Sample ID: 90125-28.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 12:30
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1-Dichloroethane	9.7	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1-Dichloroethene	19	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-006
Client Sample ID: 90125-28.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 12:30
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 15:01 / eli-h
Methyl tert-butyl ether (MTBE)	1.8	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Tetrachloroethene	20	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Trichloroethene	8.5	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 15:01 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	01/31/13 15:01 / eli-h
Surr: Dibromofluoromethane	90.0	%REC		70-130		SW8260B	01/31/13 15:01 / eli-h
Surr: p-Bromofluorobenzene	94.0	%REC		70-130		SW8260B	01/31/13 15:01 / eli-h
Surr: Toluene-d8	98.0	%REC		70-130		SW8260B	01/31/13 15:01 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-007
Client Sample ID: 90125-29.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1-Dichloroethene	4.9	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-007
Client Sample ID: 90125-29.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 15:31 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Tetrachloroethene	2.4	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Trichloroethene	1.3	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 15:31 / eli-h
Surr: 1,2-Dichloroethane-d4	90.0	%REC		70-130		SW8260B	01/31/13 15:31 / eli-h
Surr: Dibromofluoromethane	95.0	%REC		70-130		SW8260B	01/31/13 15:31 / eli-h
Surr: p-Bromofluorobenzene	85.0	%REC		70-130		SW8260B	01/31/13 15:31 / eli-h
Surr: Toluene-d8	106	%REC		70-130		SW8260B	01/31/13 15:31 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-008
Client Sample ID: 90125-30.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,1-Dichloroethane	9.0	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,1-Dichloroethene	32	ug/L		2.5		SW8260B	02/01/13 11:57 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-008
Client Sample ID: 90125-30.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 18:04 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Tetrachloroethene	37	ug/L		2.5		SW8260B	02/01/13 11:57 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Trichloroethene	9.9	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 18:04 / eli-h
Surr: 1,2-Dichloroethane-d4	83.0	%REC		70-130		SW8260B	01/31/13 18:04 / eli-h
Surr: Dibromofluoromethane	88.0	%REC		70-130		SW8260B	01/31/13 18:04 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	01/31/13 18:04 / eli-h
Surr: Toluene-d8	108	%REC		70-130		SW8260B	01/31/13 18:04 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-009
Client Sample ID: 90125-Tank (B).1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:40
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1-Dichloroethane	3.3	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1-Dichloroethene	5.7	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-009
Client Sample ID: 90125-Tank (B).1/13

Report Date: 02/12/13
Collection Date: 01/23/13 13:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 16:02 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 16:02 / eli-h
Surr: 1,2-Dichloroethane-d4	87.0	%REC		70-130		SW8260B	02/01/13 16:02 / eli-h
Surr: Dibromofluoromethane	93.0	%REC		70-130		SW8260B	02/01/13 16:02 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	02/01/13 16:02 / eli-h
Surr: Toluene-d8	102	%REC		70-130		SW8260B	02/01/13 16:02 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-010
Client Sample ID: 90125-A.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 07:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1-Dichloroethane	11	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1-Dichloroethene	3.4	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
cis-1,2-Dichloroethene	2.6	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-010
Client Sample ID: 90125-A.1/13

Report Date: 02/12/13
Collection Date: 01/23/13 07:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 15:32 / eli-h
Methyl tert-butyl ether (MTBE)	2.9	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Tetrachloroethene	4.0	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Trichloroethene	4.2	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 15:32 / eli-h
Surr: 1,2-Dichloroethane-d4	88.0	%REC		70-130		SW8260B	02/01/13 15:32 / eli-h
Surr: Dibromofluoromethane	92.0	%REC		70-130		SW8260B	02/01/13 15:32 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	02/01/13 15:32 / eli-h
Surr: Toluene-d8	109	%REC		70-130		SW8260B	02/01/13 15:32 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-011
Client Sample ID: 90125-32.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 08:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1-Dichloroethane	1.4	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1-Dichloroethene	7.5	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-011
Client Sample ID: 90125-32.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 08:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 16:02 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Tetrachloroethene	8.8	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Trichloroethene	2.2	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 16:02 / eli-h
Surr: 1,2-Dichloroethane-d4	89.0	%REC		70-130		SW8260B	01/31/13 16:02 / eli-h
Surr: Dibromofluoromethane	92.0	%REC		70-130		SW8260B	01/31/13 16:02 / eli-h
Surr: p-Bromofluorobenzene	92.0	%REC		70-130		SW8260B	01/31/13 16:02 / eli-h
Surr: Toluene-d8	100	%REC		70-130		SW8260B	01/31/13 16:02 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-012
Client Sample ID: 90125-33.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 08:30
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-012
Client Sample ID: 90125-33.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 08:30
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 16:32 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 16:32 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	01/31/13 16:32 / eli-h
Surr: Dibromofluoromethane	90.0	%REC		70-130		SW8260B	01/31/13 16:32 / eli-h
Surr: p-Bromofluorobenzene	84.0	%REC		70-130		SW8260B	01/31/13 16:32 / eli-h
Surr: Toluene-d8	104	%REC		70-130		SW8260B	01/31/13 16:32 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-013
Client Sample ID: 90125-26.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:00
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1-Dichloroethene	1.2	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-013
Client Sample ID: 90125-26.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	01/31/13 17:03 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	01/31/13 17:03 / eli-h
Surr: 1,2-Dichloroethane-d4	90.0	%REC		70-130		SW8260B	01/31/13 17:03 / eli-h
Surr: Dibromofluoromethane	93.0	%REC		70-130		SW8260B	01/31/13 17:03 / eli-h
Surr: p-Bromofluorobenzene	90.0	%REC		70-130		SW8260B	01/31/13 17:03 / eli-h
Surr: Toluene-d8	102	%REC		70-130		SW8260B	01/31/13 17:03 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-014
Client Sample ID: 90125-27.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:20
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-014
Client Sample ID: 90125-27.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 12:28 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 12:28 / eli-h
Surr: 1,2-Dichloroethane-d4	88.0	%REC		70-130		SW8260B	02/01/13 12:28 / eli-h
Surr: Dibromofluoromethane	93.0	%REC		70-130		SW8260B	02/01/13 12:28 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	02/01/13 12:28 / eli-h
Surr: Toluene-d8	104	%REC		70-130		SW8260B	02/01/13 12:28 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-015
Client Sample ID: 90125-22.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:40
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1-Dichloroethane	5.7	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1-Dichloroethene	16	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-015
Client Sample ID: 90125-22.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 09:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 12:58 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Tetrachloroethene	16	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Trichloroethene	7.8	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 12:58 / eli-h
Surr: 1,2-Dichloroethane-d4	88.0	%REC		70-130		SW8260B	02/01/13 12:58 / eli-h
Surr: Dibromofluoromethane	90.0	%REC		70-130		SW8260B	02/01/13 12:58 / eli-h
Surr: p-Bromofluorobenzene	89.0	%REC		70-130		SW8260B	02/01/13 12:58 / eli-h
Surr: Toluene-d8	106	%REC		70-130		SW8260B	02/01/13 12:58 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-016
Client Sample ID: 90125-25.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,1-Dichloroethane	7.4	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,1-Dichloroethene	26	ug/L		2.5		SW8260B	02/04/13 11:43 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-016
Client Sample ID: 90125-25.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 16:33 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Tetrachloroethene	30	ug/L		2.5		SW8260B	02/04/13 11:43 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Trichloroethene	8.4	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 16:33 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	02/01/13 16:33 / eli-h
Surr: Dibromofluoromethane	95.0	%REC		70-130		SW8260B	02/01/13 16:33 / eli-h
Surr: p-Bromofluorobenzene	89.0	%REC		70-130		SW8260B	02/01/13 16:33 / eli-h
Surr: Toluene-d8	98.0	%REC		70-130		SW8260B	02/01/13 16:33 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-017
Client Sample ID: 90125-21.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1-Dichloroethane	4.1	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1-Dichloroethene	7.5	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-017
Client Sample ID: 90125-21.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 17:04 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Tetrachloroethene	4.5	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Trichloroethene	1.6	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 17:04 / eli-h
Surr: 1,2-Dichloroethane-d4	89.0	%REC		70-130		SW8260B	02/01/13 17:04 / eli-h
Surr: Dibromofluoromethane	92.0	%REC		70-130		SW8260B	02/01/13 17:04 / eli-h
Surr: p-Bromofluorobenzene	92.0	%REC		70-130		SW8260B	02/01/13 17:04 / eli-h
Surr: Toluene-d8	99.0	%REC		70-130		SW8260B	02/01/13 17:04 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-018
Client Sample ID: 90125-31.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:40
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1-Dichloroethane	3.3	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1-Dichloroethene	3.2	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-018
Client Sample ID: 90125-31.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 10:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 13:29 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 13:29 / eli-h
Surr: 1,2-Dichloroethane-d4	84.0	%REC		70-130		SW8260B	02/01/13 13:29 / eli-h
Surr: Dibromofluoromethane	96.0	%REC		70-130		SW8260B	02/01/13 13:29 / eli-h
Surr: p-Bromofluorobenzene	94.0	%REC		70-130		SW8260B	02/01/13 13:29 / eli-h
Surr: Toluene-d8	102	%REC		70-130		SW8260B	02/01/13 13:29 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-019
Client Sample ID: 90125-18.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:00
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1-Dichloroethane	2.1	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1-Dichloroethene	9.8	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-019
Client Sample ID: 90125-18.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 13:59 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Tetrachloroethene	9.4	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Trichloroethene	1.8	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 13:59 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	02/01/13 13:59 / eli-h
Surr: Dibromofluoromethane	95.0	%REC		70-130		SW8260B	02/01/13 13:59 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	02/01/13 13:59 / eli-h
Surr: Toluene-d8	104	%REC		70-130		SW8260B	02/01/13 13:59 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-020
Client Sample ID: 90125-11.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:20
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1-Dichloroethane	2.5	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-020
Client Sample ID: 90125-11.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:20
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 14:30 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Tetrachloroethene	1.9	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Trichloroethene	1.3	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 14:30 / eli-h
Surr: 1,2-Dichloroethane-d4	88.0	%REC		70-130		SW8260B	02/01/13 14:30 / eli-h
Surr: Dibromofluoromethane	96.0	%REC		70-130		SW8260B	02/01/13 14:30 / eli-h
Surr: p-Bromofluorobenzene	88.0	%REC		70-130		SW8260B	02/01/13 14:30 / eli-h
Surr: Toluene-d8	96.0	%REC		70-130		SW8260B	02/01/13 14:30 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-021
Client Sample ID: 90125-8.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1-Dichloroethane	1.8	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1-Dichloroethene	1.8	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-021
Client Sample ID: 90125-8.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 11:40
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 15:01 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Tetrachloroethene	1.8	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Trichloroethene	1.4	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 15:01 / eli-h
Surr: 1,2-Dichloroethane-d4	90.0	%REC		70-130		SW8260B	02/01/13 15:01 / eli-h
Surr: Dibromofluoromethane	93.0	%REC		70-130		SW8260B	02/01/13 15:01 / eli-h
Surr: p-Bromofluorobenzene	89.0	%REC		70-130		SW8260B	02/01/13 15:01 / eli-h
Surr: Toluene-d8	108	%REC		70-130		SW8260B	02/01/13 15:01 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-022
Client Sample ID: 90125-Tank (A).1/13

Report Date: 02/12/13
Collection Date: 01/24/13 12:00
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-022
Client Sample ID: 90125-Tank (A).1/13

Report Date: 02/12/13
Collection Date: 01/24/13 12:00
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 17:34 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 17:34 / eli-h
Surr: 1,2-Dichloroethane-d4	84.0	%REC		70-130		SW8260B	02/01/13 17:34 / eli-h
Surr: Dibromofluoromethane	91.0	%REC		70-130		SW8260B	02/01/13 17:34 / eli-h
Surr: p-Bromofluorobenzene	82.0	%REC		70-130		SW8260B	02/01/13 17:34 / eli-h
Surr: Toluene-d8	104	%REC		70-130		SW8260B	02/01/13 17:34 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-023
Client Sample ID: 90125-B.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 07:30
DateReceived: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1-Dichloroethane	3.9	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1-Dichloroethene	7.6	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-023
Client Sample ID: 90125-B.1/13

Report Date: 02/12/13
Collection Date: 01/24/13 07:30
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/04/13 12:14 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Tetrachloroethene	5.2	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Trichloroethene	1.8	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/04/13 12:14 / eli-h
Surr: 1,2-Dichloroethane-d4	83.0	%REC		70-130		SW8260B	02/04/13 12:14 / eli-h
Surr: Dibromofluoromethane	89.0	%REC		70-130		SW8260B	02/04/13 12:14 / eli-h
Surr: p-Bromofluorobenzene	88.0	%REC		70-130		SW8260B	02/04/13 12:14 / eli-h
Surr: Toluene-d8	102	%REC		70-130		SW8260B	02/04/13 12:14 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-024
Client Sample ID: Trip Blank 7228

Report Date: 02/12/13
Collection Date: 01/24/13
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Benzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Bromobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Bromochloromethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Bromodichloromethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Bromoform	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Bromomethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Chlorobenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Chloroethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Chloroform	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Chloromethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Dibromomethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Ethylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Isopropylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010779-024
Client Sample ID: Trip Blank 7228

Report Date: 02/12/13
Collection Date: 01/24/13
Date Received: 01/25/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Methyl ethyl ketone	ND	ug/L		20		SW8260B	02/01/13 10:56 / eli-h
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Methylene chloride	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
n-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
n-Propylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Naphthalene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
o-Xylene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Styrene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Tetrachloroethene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Toluene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Trichloroethene	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Vinyl chloride	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Xylenes, Total	ND	ug/L		1.0		SW8260B	02/01/13 10:56 / eli-h
Surr: 1,2-Dichloroethane-d4	86.0	%REC		70-130		SW8260B	02/01/13 10:56 / eli-h
Surr: Dibromofluoromethane	94.0	%REC		70-130		SW8260B	02/01/13 10:56 / eli-h
Surr: p-Bromofluorobenzene	87.0	%REC		70-130		SW8260B	02/01/13 10:56 / eli-h
Surr: Toluene-d8	97.0	%REC		70-130		SW8260B	02/01/13 10:56 / eli-h

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86090		
Sample ID: CCV013113A	67 Continuing Calibration Verification Standard								01/31/13 08:29	
Benzene		4.96	ug/L	1.0	99	70	130			
Bromobenzene		4.80	ug/L	1.0	96	70	130			
Bromochloromethane		4.20	ug/L	1.0	84	70	130			
Bromodichloromethane		4.96	ug/L	1.0	99	70	130			
Bromoform		4.20	ug/L	1.0	84	70	130			
Bromomethane		4.20	ug/L	1.0	84	70	130			
n-Butylbenzene		5.48	ug/L	1.0	110	70	130			
sec-Butylbenzene		5.44	ug/L	1.0	109	70	130			
tert-Butylbenzene		5.88	ug/L	1.0	118	70	130			
Carbon tetrachloride		4.96	ug/L	1.0	99	70	130			
Chlorobenzene		5.04	ug/L	1.0	101	70	130			
Chlorodibromomethane		4.24	ug/L	1.0	85	70	130			
Chloroethane		4.44	ug/L	1.0	89	70	130			
Chloroform		4.12	ug/L	1.0	82	80	120			
Chloromethane		4.92	ug/L	1.0	98	70	130			
2-Chloroethyl vinyl ether		4.96	ug/L	1.0	99	70	130			
1,2-Dibromo-3-chloropropane		3.95	ug/L	1.0	79	70	130			
1,2-Dibromoethane		4.00	ug/L	1.0	80	70	130			
2-Chlorotoluene		5.56	ug/L	1.0	111	70	130			
Dibromomethane		4.68	ug/L	1.0	94	70	130			
1,2-Dichlorobenzene		4.88	ug/L	1.0	98	70	130			
4-Chlorotoluene		5.28	ug/L	1.0	106	70	130			
1,3-Dichlorobenzene		5.12	ug/L	1.0	102	70	130			
1,4-Dichlorobenzene		4.84	ug/L	1.0	97	70	130			
Dichlorodifluoromethane		6.48	ug/L	1.0	130	70	130			
1,1-Dichloroethane		5.12	ug/L	1.0	102	70	130			
1,2-Dichloroethane		4.08	ug/L	1.0	82	70	130			
1,1-Dichloroethene		5.00	ug/L	1.0	100	80	120			
cis-1,2-Dichloroethene		4.56	ug/L	1.0	91	70	130			
trans-1,2-Dichloroethene		5.28	ug/L	1.0	106	70	130			
1,2-Dichloropropane		4.96	ug/L	1.0	99	80	120			
1,3-Dichloropropane		4.32	ug/L	1.0	86	70	130			
2,2-Dichloropropane		5.32	ug/L	1.0	106	70	130			
1,1-Dichloropropene		4.80	ug/L	1.0	96	70	130			
cis-1,3-Dichloropropene		5.08	ug/L	1.0	102	70	130			
trans-1,3-Dichloropropene		4.84	ug/L	1.0	97	70	130			
Ethylbenzene		5.16	ug/L	1.0	103	80	120			
Hexachlorobutadiene		5.72	ug/L	1.0	114	70	130			
Isopropylbenzene		5.04	ug/L	1.0	101	70	130			
p-Isopropyltoluene		5.56	ug/L	1.0	111	70	130			
Methyl tert-butyl ether (MTBE)		4.16	ug/L	1.0	83	70	130			
Methyl ethyl ketone		36.6	ug/L	20	73	70	130			
Methylene chloride		4.16	ug/L	1.0	83	70	130			
Naphthalene		3.58	ug/L	1.0	72	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86090		
Sample ID: CCV013113A	67 Continuing Calibration Verification Standard								01/31/13 08:29	
n-Propylbenzene		5.20	ug/L	1.0	104	70	130			
Styrene		4.88	ug/L	1.0	98	70	130			
1,1,1,2-Tetrachloroethane		4.68	ug/L	1.0	94	70	130			
1,1,2,2-Tetrachloroethane		4.00	ug/L	1.0	80	70	130			
Tetrachloroethene		5.84	ug/L	1.0	117	70	130			
Toluene		5.72	ug/L	1.0	114	80	120			
1,2,3-Trichlorobenzene		4.00	ug/L	1.0	80	70	130			
1,2,4-Trichlorobenzene		4.20	ug/L	1.0	84	70	130			
1,1,1-Trichloroethane		5.00	ug/L	1.0	100	70	130			
1,1,2-Trichloroethane		4.68	ug/L	1.0	94	70	130			
Trichloroethene		5.96	ug/L	1.0	119	70	130			
Trichlorofluoromethane		5.48	ug/L	1.0	110	70	130			
1,2,3-Trichloropropane		4.88	ug/L	1.0	98	70	130			
1,2,4-Trimethylbenzene		5.32	ug/L	1.0	106	70	130			
1,3,5-Trimethylbenzene		5.40	ug/L	1.0	108	70	130			
Vinyl chloride		5.08	ug/L	1.0	102	80	120			
m+p-Xylenes		11.0	ug/L	1.0	110	70	130			
o-Xylene		5.36	ug/L	1.0	107	70	130			
Xylenes, Total		16.4	ug/L	1.0	109	70	130			
Surr: 1,2-Dichloroethane-d4				1.0	83	69.7	142			
Surr: Dibromofluoromethane				1.0	84	69.9	128			
Surr: p-Bromofluorobenzene				1.0	93	83.7	119			
Surr: Toluene-d8				1.0	106	75.5	125			

Method: SW8260B								Batch: H_R86090	
Sample ID: LCS013113A		67 Laboratory Control Sample			Run: SUB-H86090			01/31/13 09:24	
Benzene	4.84	ug/L	1.0	97	73.7	125			
Bromobenzene	4.68	ug/L	1.0	94	80.2	119			
Bromochloromethane	4.28	ug/L	1.0	86	64.6	125			
Bromodichloromethane	4.36	ug/L	1.0	87	70.9	126			
Bromoform	4.16	ug/L	1.0	83	68.7	120			
Bromomethane	4.64	ug/L	1.0	93	43.5	144			
n-Butylbenzene	5.16	ug/L	1.0	103	69.2	132			
sec-Butylbenzene	5.08	ug/L	1.0	102	69.3	132			
tert-Butylbenzene	5.28	ug/L	1.0	106	71.2	128			
Carbon tetrachloride	4.96	ug/L	1.0	99	68.8	123			
Chlorobenzene	4.64	ug/L	1.0	93	78.3	121			
Chlorodibromomethane	3.99	ug/L	1.0	80	69.7	118			
Chloroethane	5.56	ug/L	1.0	111	49.1	152			
Chloroform	4.36	ug/L	1.0	87	67.6	124			
Chloromethane	5.12	ug/L	1.0	102	67.9	134			
2-Chloroethyl vinyl ether	4.28	ug/L	1.0	86	61.3	134			
1,2-Dibromo-3-chloropropane	4.20	ug/L	1.0	84	58.2	138			
1,2-Dibromoethane	3.66	ug/L	1.0	73	70.6	114			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Batch: H_R86090		
Sample ID: LCS013113A		67 Laboratory Control Sample				Run: SUB-H86090		01/31/13 09:24		
2-Chlorotoluene		5.20	ug/L	1.0	104	75.7	124			
Dibromomethane		4.20	ug/L	1.0	84	64.2	126			
1,2-Dichlorobenzene		4.48	ug/L	1.0	90	78	125			
4-Chlorotoluene		4.80	ug/L	1.0	96	75.3	123			
1,3-Dichlorobenzene		4.76	ug/L	1.0	95	76.8	123			
1,4-Dichlorobenzene		4.52	ug/L	1.0	90	78.1	117			
Dichlorodifluoromethane		6.16	ug/L	1.0	123	65.6	148			
1,1-Dichloroethane		4.68	ug/L	1.0	94	73	130			
1,2-Dichloroethane		3.97	ug/L	1.0	79	71	137			
1,1-Dichloroethene		4.80	ug/L	1.0	96	59.3	137			
cis-1,2-Dichloroethene		4.60	ug/L	1.0	92	78.3	122			
trans-1,2-Dichloroethene		5.04	ug/L	1.0	101	69.3	128			
1,2-Dichloropropane		4.48	ug/L	1.0	90	72.3	140			
1,3-Dichloropropane		4.04	ug/L	1.0	81	75.2	127			
2,2-Dichloropropane		5.32	ug/L	1.0	106	70.4	135			
1,1-Dichloropropene		4.96	ug/L	1.0	99	66.5	130			
cis-1,3-Dichloropropene		4.28	ug/L	1.0	86	77	125			
trans-1,3-Dichloropropene		4.24	ug/L	1.0	85	74.7	123			
Ethylbenzene		4.80	ug/L	1.0	96	75.5	130			
Hexachlorobutadiene		6.00	ug/L	1.0	120	56.8	135			
Isopropylbenzene		5.12	ug/L	1.0	102	68.8	131			
p-Isopropyltoluene		5.20	ug/L	1.0	104	71.1	128			
Methyl tert-butyl ether (MTBE)		3.90	ug/L	1.0	78	72.6	125			
Methyl ethyl ketone		37.2	ug/L	20	74	57.5	140			
Methylene chloride		3.87	ug/L	1.0	77	63.1	131			
Naphthalene		3.70	ug/L	1.0	74	50.4	159			
n-Propylbenzene		5.08	ug/L	1.0	102	67.3	134			
Styrene		4.64	ug/L	1.0	93	77.2	119			
1,1,1,2-Tetrachloroethane		4.56	ug/L	1.0	91	74	119			
1,1,2,2-Tetrachloroethane		3.85	ug/L	1.0	77	77.6	120			
Tetrachloroethene		5.36	ug/L	1.0	107	72.6	127			
Toluene		4.72	ug/L	1.0	94	65.3	130			
1,2,3-Trichlorobenzene		4.12	ug/L	1.0	82	59.4	139			
1,2,4-Trichlorobenzene		4.16	ug/L	1.0	83	61.6	136			
1,1,1-Trichloroethane		5.16	ug/L	1.0	103	72.2	121			
1,1,2-Trichloroethane		3.93	ug/L	1.0	79	74.7	128			
Trichloroethene		5.16	ug/L	1.0	103	69	129			
Trichlorofluoromethane		5.60	ug/L	1.0	112	54.8	141			
1,2,3-Trichloropropane		4.36	ug/L	1.0	87	62.5	131			
1,2,4-Trimethylbenzene		4.80	ug/L	1.0	96	75.1	137			
1,3,5-Trimethylbenzene		4.96	ug/L	1.0	99	72.9	131			
Vinyl chloride		4.84	ug/L	1.0	97	77.7	132			
m+p-Xylenes		9.88	ug/L	1.0	99	76.4	125			
o-Xylene		4.80	ug/L	1.0	96	73.5	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86090
Sample ID: LCS013113A	67	Laboratory Control Sample				Run: SUB-H86090				01/31/13 09:24
Xylenes, Total		14.7	ug/L	1.0	98	37.8	157			
Surr: 1,2-Dichloroethane-d4				1.0	92	69.7	142			
Surr: Dibromofluoromethane				1.0	90	69.9	128			
Surr: p-Bromofluorobenzene				1.0	97	83.7	119			
Surr: Toluene-d8				1.0	101	75.5	125			
Sample ID: MB013113A										01/31/13 10:27
	67	Method Blank				Run: SUB-H86090				
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,4-Dichlorobenzene		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86090
Sample ID: MB013113A	67	Method Blank				Run: SUB-H86090				01/31/13 10:27
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	20						
Methylene chloride		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4				1.0	83	69.7	142			
Surr: Dibromofluoromethane				1.0	92	69.9	128			
Surr: p-Bromofluorobenzene				1.0	89	83.7	119			
Surr: Toluene-d8				1.0	98	75.5	125			
Sample ID: C13010779-001A	67	Sample Matrix Spike				Run: SUB-H86090				01/31/13 18:35
Benzene		9.20	ug/L	1.0	92	73.7	125			
Bromobenzene		9.92	ug/L	1.0	99	80.2	119			
Bromochloromethane		9.44	ug/L	1.0	94	64.6	125			
Bromodichloromethane		9.52	ug/L	1.0	95	70.9	126			
Bromoform		7.98	ug/L	1.0	80	68.7	120			
Bromomethane		9.76	ug/L	1.0	98	43.5	144			
n-Butylbenzene		10.2	ug/L	1.0	102	69.2	132			
sec-Butylbenzene		10.1	ug/L	1.0	101	69.3	132			
tert-Butylbenzene		10.2	ug/L	1.0	102	71.2	128			
Carbon tetrachloride		10.6	ug/L	1.0	106	68.8	123			
Chlorobenzene		10.2	ug/L	1.0	102	78.3	121			
Chlorodibromomethane		8.32	ug/L	1.0	83	69.7	118			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Batch: H_R86090		
Sample ID: C13010779-001A	67	Sample Matrix Spike				Run: SUB-H86090			01/31/13 18:35	
Chloroethane		10.3	ug/L	1.0	103	49.1	152			
Chloroform		9.12	ug/L	1.0	91	67.6	124			
Chloromethane		8.64	ug/L	1.0	86	67.9	134			
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134			S
1,2-Dibromo-3-chloropropane		8.16	ug/L	1.0	82	58.2	138			
1,2-Dibromoethane		7.53	ug/L	1.0	75	70.6	114			
2-Chlorotoluene		10.6	ug/L	1.0	106	75.7	124			
Dibromomethane		8.96	ug/L	1.0	90	64.2	126			
1,2-Dichlorobenzene		9.12	ug/L	1.0	91	78	125			
4-Chlorotoluene		10.0	ug/L	1.0	100	75.3	123			
1,3-Dichlorobenzene		9.76	ug/L	1.0	98	76.8	123			
1,4-Dichlorobenzene		9.28	ug/L	1.0	93	78.1	117			
Dichlorodifluoromethane		11.0	ug/L	1.0	110	65.6	148			
1,1-Dichloroethane		10.6	ug/L	1.0	106	73	130			
1,2-Dichloroethane		8.80	ug/L	1.0	88	71	137			
1,1-Dichloroethene		11.0	ug/L	1.0	110	59.3	137			
cis-1,2-Dichloroethene		9.84	ug/L	1.0	98	78.3	122			
trans-1,2-Dichloroethene		11.0	ug/L	1.0	110	69.3	128			
1,2-Dichloropropane		9.84	ug/L	1.0	98	72.3	140			
1,3-Dichloropropane		8.88	ug/L	1.0	89	75.2	127			
2,2-Dichloropropane		11.0	ug/L	1.0	110	70.4	135			
1,1-Dichloropropene		10.4	ug/L	1.0	104	66.5	130			
cis-1,3-Dichloropropene		9.52	ug/L	1.0	95	77	125			
trans-1,3-Dichloropropene		9.60	ug/L	1.0	96	74.7	123			
Ethylbenzene		10.5	ug/L	1.0	105	75.5	130			
Hexachlorobutadiene		10.1	ug/L	1.0	101	56.8	135			
Isopropylbenzene		10.1	ug/L	1.0	101	68.8	131			
p-Isopropyltoluene		10.4	ug/L	1.0	104	71.1	128			
Methyl tert-butyl ether (MTBE)		9.20	ug/L	1.0	92	72.6	125			
Methyl ethyl ketone		74.8	ug/L	40	75	57.5	140			
Methylene chloride		8.56	ug/L	1.0	86	63.1	131			
Naphthalene		7.42	ug/L	1.0	74	50.4	159			
n-Propylbenzene		9.92	ug/L	1.0	99	67.3	134			
Styrene		9.44	ug/L	1.0	94	77.2	119			
1,1,1,2-Tetrachloroethane		9.84	ug/L	1.0	98	74	119			
1,1,2,2-Tetrachloroethane		8.72	ug/L	1.0	87	77.6	120			
Tetrachloroethene		11.4	ug/L	1.0	114	72.6	127			
Toluene		10.6	ug/L	1.0	106	65.3	130			
1,2,3-Trichlorobenzene		7.74	ug/L	1.0	77	59.4	139			
1,2,4-Trichlorobenzene		7.98	ug/L	1.0	80	61.6	136			
1,1,1-Trichloroethane		11.0	ug/L	1.0	110	72.2	121			
1,1,2-Trichloroethane		8.80	ug/L	1.0	88	74.7	128			
Trichloroethene		11.0	ug/L	1.0	110	69	129			
Trichlorofluoromethane		10.6	ug/L	1.0	106	54.8	141			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Batch: H_R86090		
Sample ID: C13010779-001A	67	Sample Matrix Spike				Run: SUB-H86090			01/31/13 18:35	
1,2,3-Trichloropropane		7.89	ug/L	1.0	79	62.5	131			
1,2,4-Trimethylbenzene		9.68	ug/L	1.0	97	75.1	137			
1,3,5-Trimethylbenzene		9.68	ug/L	1.0	97	72.9	131			
Vinyl chloride		9.12	ug/L	1.0	91	77.7	132			
m+p-Xylenes		21.0	ug/L	1.0	105	76.4	125			
o-Xylene		10.6	ug/L	1.0	106	73.5	127			
Xylenes, Total		31.5	ug/L	2.0	105	37.8	157			
Surr: 1,2-Dichloroethane-d4				2.0	89	69.7	142			
Surr: Dibromofluoromethane				2.0	88	69.9	128			
Surr: p-Bromofluorobenzene				2.0	96	83.7	119			
Surr: Toluene-d8				2.0	109	75.5	125			
- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.										
Sample ID: C13010779-001A	67	Sample Matrix Spike Duplicate				Run: SUB-H86090			01/31/13 19:05	
Benzene		10.4	ug/L	1.0	104	73.7	125	12	20	
Bromobenzene		10.2	ug/L	1.0	102	80.2	119	2.4	20	
Bromochloromethane		9.28	ug/L	1.0	93	64.6	125	1.7	20	
Bromodichloromethane		10.3	ug/L	1.0	103	70.9	126	8.1	20	
Bromoform		8.16	ug/L	1.0	82	68.7	120	2.2	20	
Bromomethane		10.2	ug/L	1.0	102	43.5	144	4.8	20	
n-Butylbenzene		11.4	ug/L	1.0	114	69.2	132	10	20	
sec-Butylbenzene		11.0	ug/L	1.0	110	69.3	132	9.1	20	
tert-Butylbenzene		11.3	ug/L	1.0	113	71.2	128	10	20	
Carbon tetrachloride		10.1	ug/L	1.0	101	68.8	123	5.4	20	
Chlorobenzene		9.92	ug/L	1.0	99	78.3	121	2.4	20	
Chlorodibromomethane		8.80	ug/L	1.0	88	69.7	118	5.6	20	
Chloroethane		10.2	ug/L	1.0	102	49.1	152	1.6	20	
Chloroform		9.04	ug/L	1.0	90	67.6	124	0.9	20	
Chloromethane		8.80	ug/L	1.0	88	67.9	134	1.8	20	
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134		20	S
1,2-Dibromo-3-chloropropane		9.04	ug/L	1.0	90	58.2	138	10	20	
1,2-Dibromoethane		8.32	ug/L	1.0	83	70.6	114	10.0	20	
2-Chlorotoluene		11.5	ug/L	1.0	115	75.7	124	7.9	20	
Dibromomethane		9.76	ug/L	1.0	98	64.2	126	8.5	20	
1,2-Dichlorobenzene		10.2	ug/L	1.0	102	78	125	11	20	
4-Chlorotoluene		10.8	ug/L	1.0	108	75.3	123	7.7	20	
1,3-Dichlorobenzene		10.3	ug/L	1.0	103	76.8	123	5.6	20	
1,4-Dichlorobenzene		10.3	ug/L	1.0	103	78.1	117	11	20	
Dichlorodifluoromethane		11.2	ug/L	1.0	112	65.6	148	2.2	20	
1,1-Dichloroethane		10.2	ug/L	1.0	102	73	130	3.8	20	
1,2-Dichloroethane		8.96	ug/L	1.0	90	71	137	1.8	20	
1,1-Dichloroethene		10.3	ug/L	1.0	103	59.3	137	6.7	20	
cis-1,2-Dichloroethene		9.68	ug/L	1.0	97	78.3	122	1.6	20	
trans-1,2-Dichloroethene		10.4	ug/L	1.0	104	69.3	128	6.0	20	
1,2-Dichloropropane		11.0	ug/L	1.0	110	72.3	140	11	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: H_R86090	
Sample ID: C13010779-001A	67	Sample Matrix Spike Duplicate				Run: SUB-H86090			01/31/13 19:05	
1,3-Dichloropropane		9.12	ug/L	1.0	91	75.2	127	2.7	20	
2,2-Dichloropropane		10.4	ug/L	1.0	104	70.4	135	5.2	20	
1,1-Dichloropropene		10.8	ug/L	1.0	108	66.5	130	3.8	20	
cis-1,3-Dichloropropene		10.2	ug/L	1.0	102	77	125	6.5	20	
trans-1,3-Dichloropropene		10.2	ug/L	1.0	102	74.7	123	5.7	20	
Ethylbenzene		10.1	ug/L	1.0	101	75.5	130	3.9	20	
Hexachlorobutadiene		11.3	ug/L	1.0	113	56.8	135	11	20	
Isopropylbenzene		10.3	ug/L	1.0	103	68.8	131	2.4	20	
p-Isopropyltoluene		11.0	ug/L	1.0	110	71.1	128	6.0	20	
Methyl tert-butyl ether (MTBE)		9.12	ug/L	1.0	91	72.6	125	0.9	20	
Methyl ethyl ketone		74.1	ug/L	40	74	57.5	140	1.0	20	
Methylene chloride		8.64	ug/L	1.0	86	63.1	131	0.9	20	
Naphthalene		8.72	ug/L	1.0	87	50.4	159	16	20	
n-Propylbenzene		10.2	ug/L	1.0	102	67.3	134	3.2	20	
Styrene		9.04	ug/L	1.0	90	77.2	119	4.3	20	
1,1,1,2-Tetrachloroethane		9.68	ug/L	1.0	97	74	119	1.6	20	
1,1,2,2-Tetrachloroethane		8.64	ug/L	1.0	86	77.6	120	0.9	20	
Tetrachloroethene		11.4	ug/L	1.0	114	72.6	127	0.7	20	
Toluene		11.0	ug/L	1.0	110	65.3	130	3.7	20	
1,2,3-Trichlorobenzene		9.68	ug/L	1.0	97	59.4	139	22	20	R
1,2,4-Trichlorobenzene		9.12	ug/L	1.0	91	61.6	136	13	20	
1,1,1-Trichloroethane		10.6	ug/L	1.0	106	72.2	121	3.0	20	
1,1,2-Trichloroethane		9.60	ug/L	1.0	96	74.7	128	8.7	20	
Trichloroethene		12.0	ug/L	1.0	120	69	129	8.3	20	
Trichlorofluoromethane		10.2	ug/L	1.0	102	54.8	141	4.6	20	
1,2,3-Trichloropropane		9.44	ug/L	1.0	94	62.5	131	18	20	
1,2,4-Trimethylbenzene		10.5	ug/L	1.0	105	75.1	137	7.9	20	
1,3,5-Trimethylbenzene		10.1	ug/L	1.0	101	72.9	131	4.0	20	
Vinyl chloride		9.36	ug/L	1.0	94	77.7	132	2.6	20	
m+p-Xylenes		20.9	ug/L	1.0	104	76.4	125	0.4	20	
o-Xylene		10.7	ug/L	1.0	107	73.5	127	1.5	20	
Xylenes, Total		31.6	ug/L	2.0	105	37.8	157	0.3	20	
Surr: 1,2-Dichloroethane-d4				2.0	88	69.7	142			
Surr: Dibromofluoromethane				2.0	87	69.9	128			
Surr: p-Bromofluorobenzene				2.0	94	83.7	119			
Surr: Toluene-d8				2.0	109	75.5	125			

- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86116		
Sample ID: CCV020113A	67 Continuing Calibration Verification Standard							02/01/13 08:33		
Benzene		5.12	ug/L	1.0	102	70	130			
Bromobenzene		4.52	ug/L	1.0	90	70	130			
Bromochloromethane		4.16	ug/L	1.0	83	70	130			
Bromodichloromethane		4.28	ug/L	1.0	86	70	130			
Bromoform		4.24	ug/L	1.0	85	70	130			
Bromomethane		5.52	ug/L	1.0	110	70	130			
n-Butylbenzene		5.28	ug/L	1.0	106	70	130			
sec-Butylbenzene		5.44	ug/L	1.0	109	70	130			
tert-Butylbenzene		5.52	ug/L	1.0	110	70	130			
Carbon tetrachloride		5.12	ug/L	1.0	102	70	130			
Chlorobenzene		5.04	ug/L	1.0	101	70	130			
Chlorodibromomethane		4.08	ug/L	1.0	82	70	130			
Chloroethane		4.48	ug/L	1.0	90	70	130			
Chloroform		4.40	ug/L	1.0	88	80	120			
Chloromethane		4.72	ug/L	1.0	94	70	130			
2-Chloroethyl vinyl ether		4.20	ug/L	1.0	84	70	130			
1,2-Dibromo-3-chloropropane		4.00	ug/L	1.0	80	70	130			
1,2-Dibromoethane		3.83	ug/L	1.0	77	70	130			
2-Chlorotoluene		5.56	ug/L	1.0	111	70	130			
Dibromomethane		3.98	ug/L	1.0	80	70	130			
1,2-Dichlorobenzene		4.56	ug/L	1.0	91	70	130			
4-Chlorotoluene		5.12	ug/L	1.0	102	70	130			
1,3-Dichlorobenzene		4.80	ug/L	1.0	96	70	130			
1,4-Dichlorobenzene		4.76	ug/L	1.0	95	70	130			
Dichlorodifluoromethane		6.24	ug/L	1.0	125	70	130			
1,1-Dichloroethane		4.80	ug/L	1.0	96	70	130			
1,2-Dichloroethane		3.95	ug/L	1.0	79	70	130			
1,1-Dichloroethene		5.04	ug/L	1.0	101	80	120			
cis-1,2-Dichloroethene		4.80	ug/L	1.0	96	70	130			
trans-1,2-Dichloroethene		5.08	ug/L	1.0	102	70	130			
1,2-Dichloropropane		4.76	ug/L	1.0	95	80	120			
1,3-Dichloropropane		4.60	ug/L	1.0	92	70	130			
2,2-Dichloropropane		5.40	ug/L	1.0	108	70	130			
1,1-Dichloropropene		5.12	ug/L	1.0	102	70	130			
cis-1,3-Dichloropropene		4.40	ug/L	1.0	88	70	130			
trans-1,3-Dichloropropene		4.52	ug/L	1.0	90	70	130			
Ethylbenzene		5.04	ug/L	1.0	101	80	120			
Hexachlorobutadiene		5.28	ug/L	1.0	106	70	130			
Isopropylbenzene		5.12	ug/L	1.0	102	70	130			
p-Isopropyltoluene		5.12	ug/L	1.0	102	70	130			
Methyl tert-butyl ether (MTBE)		4.12	ug/L	1.0	82	70	130			
Methyl ethyl ketone		36.1	ug/L	20	72	70	130			
Methylene chloride		4.24	ug/L	1.0	85	70	130			
Naphthalene		3.61	ug/L	1.0	72	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86116		
Sample ID: CCV020113A	67 Continuing Calibration Verification Standard							02/01/13 08:33		
n-Propylbenzene		4.88	ug/L	1.0	98	70	130			
Styrene		4.80	ug/L	1.0	96	70	130			
1,1,1,2-Tetrachloroethane		4.56	ug/L	1.0	91	70	130			
1,1,2,2-Tetrachloroethane		4.04	ug/L	1.0	81	70	130			
Tetrachloroethene		5.48	ug/L	1.0	110	70	130			
Toluene		4.92	ug/L	1.0	98	80	120			
1,2,3-Trichlorobenzene		3.86	ug/L	1.0	77	70	130			
1,2,4-Trichlorobenzene		4.08	ug/L	1.0	82	70	130			
1,1,1-Trichloroethane		5.00	ug/L	1.0	100	70	130			
1,1,2-Trichloroethane		4.40	ug/L	1.0	88	70	130			
Trichloroethene		5.24	ug/L	1.0	105	70	130			
Trichlorofluoromethane		5.08	ug/L	1.0	102	70	130			
1,2,3-Trichloropropane		4.56	ug/L	1.0	91	70	130			
1,2,4-Trimethylbenzene		5.12	ug/L	1.0	102	70	130			
1,3,5-Trimethylbenzene		5.08	ug/L	1.0	102	70	130			
Vinyl chloride		4.84	ug/L	1.0	97	80	120			
m+p-Xylenes		10.5	ug/L	1.0	105	70	130			
o-Xylene		5.16	ug/L	1.0	103	70	130			
Xylenes, Total		15.6	ug/L	1.0	104	70	130			
Surr: 1,2-Dichloroethane-d4				1.0	83	69.7	142			
Surr: Dibromofluoromethane				1.0	89	69.9	128			
Surr: p-Bromofluorobenzene				1.0	92	83.7	119			
Surr: Toluene-d8				1.0	100	75.5	125			

Method: SW8260B								Batch: H_R86116	
Sample ID: LCS020113A		67 Laboratory Control Sample			Run: SUB-H86116			02/01/13 09:13	
Benzene	5.32	ug/L	1.0	106	73.7	125			
Bromobenzene	4.52	ug/L	1.0	90	80.2	119			
Bromochloromethane	4.52	ug/L	1.0	90	64.6	125			
Bromodichloromethane	4.48	ug/L	1.0	90	70.9	126			
Bromoform	4.08	ug/L	1.0	82	68.7	120			
Bromomethane	6.16	ug/L	1.0	123	43.5	144			
n-Butylbenzene	5.72	ug/L	1.0	114	69.2	132			
sec-Butylbenzene	5.64	ug/L	1.0	113	69.3	132			
tert-Butylbenzene	5.60	ug/L	1.0	112	71.2	128			
Carbon tetrachloride	5.48	ug/L	1.0	110	68.8	123			
Chlorobenzene	4.72	ug/L	1.0	94	78.3	121			
Chlorodibromomethane	3.94	ug/L	1.0	79	69.7	118			
Chloroethane	5.56	ug/L	1.0	111	49.1	152			
Chloroform	4.44	ug/L	1.0	89	67.6	124			
Chloromethane	4.96	ug/L	1.0	99	67.9	134			
2-Chloroethyl vinyl ether	4.88	ug/L	1.0	98	61.3	134			
1,2-Dibromo-3-chloropropane	4.28	ug/L	1.0	86	58.2	138			
1,2-Dibromoethane	3.56	ug/L	1.0	71	70.6	114			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86116
Sample ID: LCS020113A	67	Laboratory Control Sample				Run: SUB-H86116			02/01/13 09:13	
2-Chlorotoluene		5.60	ug/L	1.0	112	75.7	124			
Dibromomethane		4.08	ug/L	1.0	82	64.2	126			
1,2-Dichlorobenzene		4.88	ug/L	1.0	98	78	125			
4-Chlorotoluene		5.12	ug/L	1.0	102	75.3	123			
1,3-Dichlorobenzene		5.04	ug/L	1.0	101	76.8	123			
1,4-Dichlorobenzene		4.84	ug/L	1.0	97	78.1	117			
Dichlorodifluoromethane		6.08	ug/L	1.0	122	65.6	148			
1,1-Dichloroethane		5.12	ug/L	1.0	102	73	130			
1,2-Dichloroethane		4.20	ug/L	1.0	84	71	137			
1,1-Dichloroethene		5.04	ug/L	1.0	101	59.3	137			
cis-1,2-Dichloroethene		5.04	ug/L	1.0	101	78.3	122			
trans-1,2-Dichloroethene		5.24	ug/L	1.0	105	69.3	128			
1,2-Dichloropropane		4.68	ug/L	1.0	94	72.3	140			
1,3-Dichloropropane		4.12	ug/L	1.0	82	75.2	127			
2,2-Dichloropropane		5.52	ug/L	1.0	110	70.4	135			
1,1-Dichloropropene		5.52	ug/L	1.0	110	66.5	130			
cis-1,3-Dichloropropene		4.44	ug/L	1.0	89	77	125			
trans-1,3-Dichloropropene		4.20	ug/L	1.0	84	74.7	123			
Ethylbenzene		4.88	ug/L	1.0	98	75.5	130			
Hexachlorobutadiene		5.60	ug/L	1.0	112	56.8	135			
Isopropylbenzene		5.24	ug/L	1.0	105	68.8	131			
p-Isopropyltoluene		5.48	ug/L	1.0	110	71.1	128			
Methyl tert-butyl ether (MTBE)		3.98	ug/L	1.0	80	72.6	125			
Methyl ethyl ketone		40.4	ug/L	20	81	57.5	140			
Methylene chloride		4.12	ug/L	1.0	82	63.1	131			
Naphthalene		3.90	ug/L	1.0	78	50.4	159			
n-Propylbenzene		5.08	ug/L	1.0	102	67.3	134			
Styrene		4.56	ug/L	1.0	91	77.2	119			
1,1,1,2-Tetrachloroethane		4.64	ug/L	1.0	93	74	119			
1,1,2,2-Tetrachloroethane		4.08	ug/L	1.0	82	77.6	120			
Tetrachloroethene		5.32	ug/L	1.0	106	72.6	127			
Toluene		4.96	ug/L	1.0	99	65.3	130			
1,2,3-Trichlorobenzene		4.40	ug/L	1.0	88	59.4	139			
1,2,4-Trichlorobenzene		4.32	ug/L	1.0	86	61.6	136			
1,1,1-Trichloroethane		5.32	ug/L	1.0	106	72.2	121			
1,1,2-Trichloroethane		4.12	ug/L	1.0	82	74.7	128			
Trichloroethene		5.32	ug/L	1.0	106	69	129			
Trichlorofluoromethane		5.64	ug/L	1.0	113	54.8	141			
1,2,3-Trichloropropane		4.20	ug/L	1.0	84	62.5	131			
1,2,4-Trimethylbenzene		5.04	ug/L	1.0	101	75.1	137			
1,3,5-Trimethylbenzene		5.08	ug/L	1.0	102	72.9	131			
Vinyl chloride		5.12	ug/L	1.0	102	77.7	132			
m+p-Xylenes		10.1	ug/L	1.0	101	76.4	125			
o-Xylene		4.96	ug/L	1.0	99	73.5	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86116
Sample ID: LCS020113A	67	Laboratory Control Sample				Run: SUB-H86116				02/01/13 09:13
Xylenes, Total		15.0	ug/L	1.0	100	37.8	157			
Surr: 1,2-Dichloroethane-d4				1.0	83	69.7	142			
Surr: Dibromofluoromethane				1.0	87	69.9	128			
Surr: p-Bromofluorobenzene				1.0	95	83.7	119			
Surr: Toluene-d8				1.0	100	75.5	125			
Sample ID: MB020113A										02/01/13 10:25
	67	Method Blank				Run: SUB-H86116				
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,4-Dichlorobenzene		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86116
Sample ID: MB020113A	67	Method Blank				Run: SUB-H86116				02/01/13 10:25
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	20						
Methylene chloride		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4				1.0	86	69.7	142			
Surr: Dibromofluoromethane				1.0	93	69.9	128			
Surr: p-Bromofluorobenzene				1.0	91	83.7	119			
Surr: Toluene-d8				1.0	98	75.5	125			
Sample ID: C13010779-015A	67	Sample Matrix Spike				Run: SUB-H86116				02/01/13 19:06
Benzene		9.92	ug/L	1.0	99	73.7	125			
Bromobenzene		9.68	ug/L	1.0	97	80.2	119			
Bromochloromethane		8.56	ug/L	1.0	86	64.6	125			
Bromodichloromethane		9.36	ug/L	1.0	94	70.9	126			
Bromoform		8.72	ug/L	1.0	87	68.7	120			
Bromomethane		9.84	ug/L	1.0	98	43.5	144			
n-Butylbenzene		10.4	ug/L	1.0	104	69.2	132			
sec-Butylbenzene		10.9	ug/L	1.0	109	69.3	132			
tert-Butylbenzene		11.0	ug/L	1.0	110	71.2	128			
Carbon tetrachloride		9.68	ug/L	1.0	97	68.8	123			
Chlorobenzene		9.76	ug/L	1.0	98	78.3	121			
Chlorodibromomethane		8.24	ug/L	1.0	82	69.7	118			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86116
Sample ID: C13010779-015A	67	Sample Matrix Spike				Run: SUB-H86116				02/01/13 19:06
Chloroethane		9.12	ug/L	1.0	91	49.1	152			
Chloroform		8.56	ug/L	1.0	86	67.6	124			
Chloromethane		8.64	ug/L	1.0	86	67.9	134			
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134			S
1,2-Dibromo-3-chloropropane		8.96	ug/L	1.0	90	58.2	138			
1,2-Dibromoethane		7.83	ug/L	1.0	78	70.6	114			
2-Chlorotoluene		11.5	ug/L	1.0	115	75.7	124			
Dibromomethane		8.64	ug/L	1.0	86	64.2	126			
1,2-Dichlorobenzene		9.68	ug/L	1.0	97	78	125			
4-Chlorotoluene		10.2	ug/L	1.0	102	75.3	123			
1,3-Dichlorobenzene		10.0	ug/L	1.0	100	76.8	123			
1,4-Dichlorobenzene		9.92	ug/L	1.0	99	78.1	117			
Dichlorodifluoromethane		10.6	ug/L	1.0	106	65.6	148			
1,1-Dichloroethane		15.7	ug/L	1.0	100	73	130			
1,2-Dichloroethane		8.80	ug/L	1.0	88	71	137			
1,1-Dichloroethene		26.4	ug/L	1.0	103	59.3	137			
cis-1,2-Dichloroethene		10.6	ug/L	1.0	101	78.3	122			
trans-1,2-Dichloroethene		10.0	ug/L	1.0	100	69.3	128			
1,2-Dichloropropane		10.5	ug/L	1.0	105	72.3	140			
1,3-Dichloropropane		8.48	ug/L	1.0	85	75.2	127			
2,2-Dichloropropane		9.44	ug/L	1.0	94	70.4	135			
1,1-Dichloropropene		10.4	ug/L	1.0	104	66.5	130			
cis-1,3-Dichloropropene		8.48	ug/L	1.0	85	77	125			
trans-1,3-Dichloropropene		8.56	ug/L	1.0	86	74.7	123			
Ethylbenzene		10.1	ug/L	1.0	101	75.5	130			
Hexachlorobutadiene		11.1	ug/L	1.0	111	56.8	135			
Isopropylbenzene		10.7	ug/L	1.0	107	68.8	131			
p-Isopropyltoluene		10.5	ug/L	1.0	105	71.1	128			
Methyl tert-butyl ether (MTBE)		8.48	ug/L	1.0	85	72.6	125			
Methyl ethyl ketone		78.2	ug/L	40	78	57.5	140			
Methylene chloride		8.00	ug/L	1.0	80	63.1	131			
Naphthalene		15.0	ug/L	1.0	150	50.4	159			
n-Propylbenzene		10.7	ug/L	1.0	107	67.3	134			
Styrene		10.0	ug/L	1.0	100	77.2	119			
1,1,1,2-Tetrachloroethane		9.92	ug/L	1.0	99	74	119			
1,1,2,2-Tetrachloroethane		8.64	ug/L	1.0	86	77.6	120			
Tetrachloroethene		27.1	ug/L	1.0	106	72.6	127			
Toluene		9.68	ug/L	1.0	97	65.3	130			
1,2,3-Trichlorobenzene		8.88	ug/L	1.0	89	59.4	139			
1,2,4-Trichlorobenzene		8.48	ug/L	1.0	85	61.6	136			
1,1,1-Trichloroethane		9.92	ug/L	1.0	99	72.2	121			
1,1,2-Trichloroethane		8.64	ug/L	1.0	86	74.7	128			
Trichloroethene		18.4	ug/L	1.0	106	69	129			
Trichlorofluoromethane		9.76	ug/L	1.0	98	54.8	141			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86116
Sample ID: C13010779-015A	67	Sample Matrix Spike		Run: SUB-H86116				02/01/13 19:06		
1,2,3-Trichloropropane		9.04	ug/L	1.0	90	62.5	131			
1,2,4-Trimethylbenzene		11.9	ug/L	1.0	119	75.1	137			
1,3,5-Trimethylbenzene		10.2	ug/L	1.0	102	72.9	131			
Vinyl chloride		8.96	ug/L	1.0	90	77.7	132			
m+p-Xylenes		20.6	ug/L	1.0	103	76.4	125			
o-Xylene		10.5	ug/L	1.0	105	73.5	127			
Xylenes, Total		31.0	ug/L	2.0	103	37.8	157			
Surr: 1,2-Dichloroethane-d4				2.0	87	69.7	142			
Surr: Dibromofluoromethane				2.0	88	69.9	128			
Surr: p-Bromofluorobenzene				2.0	94	83.7	119			
Surr: Toluene-d8				2.0	102	75.5	125			
- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.										
Sample ID: C13010779-015A	67	Sample Matrix Spike Duplicate		Run: SUB-H86116				02/01/13 19:36		
Benzene		9.52	ug/L	1.0	95	73.7	125	4.1	20	
Bromobenzene		9.36	ug/L	1.0	94	80.2	119	3.4	20	
Bromochloromethane		8.08	ug/L	1.0	81	64.6	125	5.8	20	
Bromodichloromethane		9.28	ug/L	1.0	93	70.9	126	0.9	20	
Bromoform		7.94	ug/L	1.0	79	68.7	120	9.3	20	
Bromomethane		10.3	ug/L	1.0	103	43.5	144	4.8	20	
n-Butylbenzene		9.60	ug/L	1.0	96	69.2	132	8.0	20	
sec-Butylbenzene		10.6	ug/L	1.0	106	69.3	132	2.2	20	
tert-Butylbenzene		10.1	ug/L	1.0	101	71.2	128	9.1	20	
Carbon tetrachloride		9.20	ug/L	1.0	92	68.8	123	5.1	20	
Chlorobenzene		9.92	ug/L	1.0	99	78.3	121	1.6	20	
Chlorodibromomethane		8.16	ug/L	1.0	82	69.7	118	1.0	20	
Chloroethane		9.44	ug/L	1.0	94	49.1	152	3.4	20	
Chloroform		8.24	ug/L	1.0	82	67.6	124	3.8	20	
Chloromethane		8.96	ug/L	1.0	90	67.9	134	3.6	20	
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134		20	S
1,2-Dibromo-3-chloropropane		8.32	ug/L	1.0	83	58.2	138	7.4	20	
1,2-Dibromoethane		7.50	ug/L	1.0	75	70.6	114	4.3	20	
2-Chlorotoluene		10.2	ug/L	1.0	102	75.7	124	12	20	
Dibromomethane		8.56	ug/L	1.0	86	64.2	126	0.9	20	
1,2-Dichlorobenzene		8.96	ug/L	1.0	90	78	125	7.7	20	
4-Chlorotoluene		10.0	ug/L	1.0	100	75.3	123	2.4	20	
1,3-Dichlorobenzene		9.60	ug/L	1.0	96	76.8	123	4.1	20	
1,4-Dichlorobenzene		9.12	ug/L	1.0	91	78.1	117	8.4	20	
Dichlorodifluoromethane		11.0	ug/L	1.0	110	65.6	148	4.4	20	
1,1-Dichloroethane		14.8	ug/L	1.0	91	73	130	5.8	20	
1,2-Dichloroethane		8.48	ug/L	1.0	85	71	137	3.7	20	
1,1-Dichloroethene		24.3	ug/L	1.0	82	59.3	137	8.2	20	
cis-1,2-Dichloroethene		9.52	ug/L	1.0	90	78.3	122	10	20	
trans-1,2-Dichloroethene		9.60	ug/L	1.0	96	69.3	128	4.1	20	
1,2-Dichloropropane		9.92	ug/L	1.0	99	72.3	140	5.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: H_R86116	
Sample ID: C13010779-015A		67 Sample Matrix Spike Duplicate				Run: SUB-H86116			02/01/13 19:36	
1,3-Dichloropropane		8.80	ug/L	1.0	88	75.2	127	3.7	20	
2,2-Dichloropropane		9.12	ug/L	1.0	91	70.4	135	3.4	20	
1,1-Dichloropropene		9.28	ug/L	1.0	93	66.5	130	11	20	
cis-1,3-Dichloropropene		9.12	ug/L	1.0	91	77	125	7.3	20	
trans-1,3-Dichloropropene		8.48	ug/L	1.0	85	74.7	123	0.9	20	
Ethylbenzene		10.1	ug/L	1.0	101	75.5	130	0.0	20	
Hexachlorobutadiene		10.2	ug/L	1.0	102	56.8	135	9.0	20	
Isopropylbenzene		10.2	ug/L	1.0	102	68.8	131	5.4	20	
p-Isopropyltoluene		10.2	ug/L	1.0	102	71.1	128	2.3	20	
Methyl tert-butyl ether (MTBE)		8.08	ug/L	1.0	81	72.6	125	4.8	20	
Methyl ethyl ketone		72.6	ug/L	40	73	57.5	140	7.4	20	
Methylene chloride		7.02	ug/L	1.0	70	63.1	131	13	20	
Naphthalene		8.96	ug/L	1.0	90	50.4	159	51	20	R
n-Propylbenzene		10.0	ug/L	1.0	100	67.3	134	6.9	20	
Styrene		10.2	ug/L	1.0	102	77.2	119	1.6	20	
1,1,1,2-Tetrachloroethane		9.20	ug/L	1.0	92	74	119	7.5	20	
1,1,2,2-Tetrachloroethane		8.16	ug/L	1.0	82	77.6	120	5.7	20	
Tetrachloroethene		29.0	ug/L	1.0	125	72.6	127	6.6	20	
Toluene		10.3	ug/L	1.0	103	65.3	130	6.4	20	
1,2,3-Trichlorobenzene		8.56	ug/L	1.0	86	59.4	139	3.7	20	
1,2,4-Trichlorobenzene		7.95	ug/L	1.0	80	61.6	136	6.4	20	
1,1,1-Trichloroethane		9.68	ug/L	1.0	97	72.2	121	2.4	20	
1,1,2-Trichloroethane		9.12	ug/L	1.0	91	74.7	128	5.4	20	
Trichloroethene		18.0	ug/L	1.0	102	69	129	2.2	20	
Trichlorofluoromethane		9.52	ug/L	1.0	95	54.8	141	2.5	20	
1,2,3-Trichloropropane		9.12	ug/L	1.0	91	62.5	131	0.9	20	
1,2,4-Trimethylbenzene		9.92	ug/L	1.0	99	75.1	137	18	20	
1,3,5-Trimethylbenzene		9.28	ug/L	1.0	93	72.9	131	9.8	20	
Vinyl chloride		9.76	ug/L	1.0	98	77.7	132	8.5	20	
m+p-Xylenes		21.0	ug/L	1.0	105	76.4	125	1.9	20	
o-Xylene		10.0	ug/L	1.0	100	73.5	127	4.7	20	
Xylenes, Total		31.0	ug/L	2.0	103	37.8	157	0.3	20	
Surr: 1,2-Dichloroethane-d4				2.0	85	69.7	142			
Surr: Dibromofluoromethane				2.0	84	69.9	128			
Surr: p-Bromofluorobenzene				2.0	92	83.7	119			
Surr: Toluene-d8				2.0	109	75.5	125			

- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

R - RPD exceeds advisory limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86157		
Sample ID: CCV020413A	67 Continuing Calibration Verification Standard							02/04/13 09:13		
Benzene		5.16	ug/L	1.0	103	70	130			
Bromobenzene		4.88	ug/L	1.0	98	70	130			
Bromochloromethane		4.56	ug/L	1.0	91	70	130			
Bromodichloromethane		4.68	ug/L	1.0	94	70	130			
Bromoform		4.20	ug/L	1.0	84	70	130			
Bromomethane		4.88	ug/L	1.0	98	70	130			
n-Butylbenzene		5.96	ug/L	1.0	119	70	130			
sec-Butylbenzene		5.72	ug/L	1.0	114	70	130			
tert-Butylbenzene		5.60	ug/L	1.0	112	70	130			
Carbon tetrachloride		5.28	ug/L	1.0	106	70	130			
Chlorobenzene		5.32	ug/L	1.0	106	70	130			
Chlorodibromomethane		4.24	ug/L	1.0	85	70	130			
Chloroethane		4.40	ug/L	1.0	88	70	130			
Chloroform		4.60	ug/L	1.0	92	80	120			
Chloromethane		5.12	ug/L	1.0	102	70	130			
2-Chloroethyl vinyl ether		4.44	ug/L	1.0	89	70	130			
1,2-Dibromo-3-chloropropane		3.73	ug/L	1.0	75	70	130			
1,2-Dibromoethane		4.00	ug/L	1.0	80	70	130			
2-Chlorotoluene		5.68	ug/L	1.0	114	70	130			
Dibromomethane		4.16	ug/L	1.0	83	70	130			
1,2-Dichlorobenzene		4.88	ug/L	1.0	98	70	130			
4-Chlorotoluene		5.28	ug/L	1.0	106	70	130			
1,3-Dichlorobenzene		4.92	ug/L	1.0	98	70	130			
1,4-Dichlorobenzene		4.96	ug/L	1.0	99	70	130			
Dichlorodifluoromethane		6.32	ug/L	1.0	126	70	130			
1,1-Dichloroethane		4.96	ug/L	1.0	99	70	130			
1,2-Dichloroethane		4.16	ug/L	1.0	83	70	130			
1,1-Dichloroethene		4.96	ug/L	1.0	99	80	120			
cis-1,2-Dichloroethene		4.92	ug/L	1.0	98	70	130			
trans-1,2-Dichloroethene		5.20	ug/L	1.0	104	70	130			
1,2-Dichloropropane		4.80	ug/L	1.0	96	80	120			
1,3-Dichloropropane		4.28	ug/L	1.0	86	70	130			
2,2-Dichloropropane		5.52	ug/L	1.0	110	70	130			
1,1-Dichloropropene		5.20	ug/L	1.0	104	70	130			
cis-1,3-Dichloropropene		4.52	ug/L	1.0	90	70	130			
trans-1,3-Dichloropropene		4.44	ug/L	1.0	89	70	130			
Ethylbenzene		5.36	ug/L	1.0	107	80	120			
Hexachlorobutadiene		5.48	ug/L	1.0	110	70	130			
Isopropylbenzene		5.52	ug/L	1.0	110	70	130			
p-Isopropyltoluene		5.28	ug/L	1.0	106	70	130			
Methyl tert-butyl ether (MTBE)		3.91	ug/L	1.0	78	70	130			
Methyl ethyl ketone		35.4	ug/L	20	71	70	130			
Methylene chloride		4.20	ug/L	1.0	84	70	130			
Naphthalene		3.49	ug/L	1.0	70	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Analytical Run: H_R86157		
Sample ID: CCV020413A	67 Continuing Calibration Verification Standard							02/04/13 09:13		
n-Propylbenzene		5.52	ug/L	1.0	110	70	130			
Styrene		5.00	ug/L	1.0	100	70	130			
1,1,1,2-Tetrachloroethane		4.96	ug/L	1.0	99	70	130			
1,1,2,2-Tetrachloroethane		4.12	ug/L	1.0	82	70	130			
Tetrachloroethene		5.56	ug/L	1.0	111	70	130			
Toluene		5.32	ug/L	1.0	106	80	120			
1,2,3-Trichlorobenzene		3.94	ug/L	1.0	79	70	130			
1,2,4-Trichlorobenzene		3.82	ug/L	1.0	76	70	130			
1,1,1-Trichloroethane		5.44	ug/L	1.0	109	70	130			
1,1,2-Trichloroethane		4.20	ug/L	1.0	84	70	130			
Trichloroethene		5.60	ug/L	1.0	112	70	130			
Trichlorofluoromethane		5.60	ug/L	1.0	112	70	130			
1,2,3-Trichloropropane		4.48	ug/L	1.0	90	70	130			
1,2,4-Trimethylbenzene		5.20	ug/L	1.0	104	70	130			
1,3,5-Trimethylbenzene		5.40	ug/L	1.0	108	70	130			
Vinyl chloride		5.32	ug/L	1.0	106	80	120			
m+p-Xylenes		11.2	ug/L	1.0	112	70	130			
o-Xylene		5.20	ug/L	1.0	104	70	130			
Xylenes, Total		16.4	ug/L	1.0	109	70	130			
Surr: 1,2-Dichloroethane-d4				1.0	80	69.7	142			
Surr: Dibromofluoromethane				1.0	86	69.9	128			
Surr: p-Bromofluorobenzene				1.0	90	83.7	119			
Surr: Toluene-d8				1.0	99	75.5	125			

Method: SW8260B								Batch: H_R86157	
Sample ID: LCS020413A		67 Laboratory Control Sample			Run: SUB-H86157			02/04/13 09:48	
Benzene	5.08	ug/L	1.0	102	73.7	125			
Bromobenzene	4.68	ug/L	1.0	94	80.2	119			
Bromochloromethane	4.36	ug/L	1.0	87	64.6	125			
Bromodichloromethane	4.84	ug/L	1.0	97	70.9	126			
Bromoform	4.16	ug/L	1.0	83	68.7	120			
Bromomethane	5.04	ug/L	1.0	101	43.5	144			
n-Butylbenzene	5.72	ug/L	1.0	114	69.2	132			
sec-Butylbenzene	5.64	ug/L	1.0	113	69.3	132			
tert-Butylbenzene	5.68	ug/L	1.0	114	71.2	128			
Carbon tetrachloride	5.08	ug/L	1.0	102	68.8	123			
Chlorobenzene	5.00	ug/L	1.0	100	78.3	121			
Chlorodibromomethane	4.28	ug/L	1.0	86	69.7	118			
Chloroethane	5.20	ug/L	1.0	104	49.1	152			
Chloroform	4.40	ug/L	1.0	88	67.6	124			
Chloromethane	4.88	ug/L	1.0	98	67.9	134			
2-Chloroethyl vinyl ether	4.96	ug/L	1.0	99	61.3	134			
1,2-Dibromo-3-chloropropane	4.24	ug/L	1.0	85	58.2	138			
1,2-Dibromoethane	3.87	ug/L	1.0	77	70.6	114			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86157
Sample ID: LCS020413A										02/04/13 09:48
67 Laboratory Control Sample										Run: SUB-H86157
2-Chlorotoluene		5.44	ug/L	1.0	109	75.7	124			
Dibromomethane		4.48	ug/L	1.0	90	64.2	126			
1,2-Dichlorobenzene		4.72	ug/L	1.0	94	78	125			
4-Chlorotoluene		5.04	ug/L	1.0	101	75.3	123			
1,3-Dichlorobenzene		4.84	ug/L	1.0	97	76.8	123			
1,4-Dichlorobenzene		4.68	ug/L	1.0	94	78.1	117			
Dichlorodifluoromethane		5.68	ug/L	1.0	114	65.6	148			
1,1-Dichloroethane		4.96	ug/L	1.0	99	73	130			
1,2-Dichloroethane		4.20	ug/L	1.0	84	71	137			
1,1-Dichloroethene		4.84	ug/L	1.0	97	59.3	137			
cis-1,2-Dichloroethene		4.72	ug/L	1.0	94	78.3	122			
trans-1,2-Dichloroethene		5.12	ug/L	1.0	102	69.3	128			
1,2-Dichloropropane		5.32	ug/L	1.0	106	72.3	140			
1,3-Dichloropropane		4.16	ug/L	1.0	83	75.2	127			
2,2-Dichloropropane		5.52	ug/L	1.0	110	70.4	135			
1,1-Dichloropropene		5.40	ug/L	1.0	108	66.5	130			
cis-1,3-Dichloropropene		4.76	ug/L	1.0	95	77	125			
trans-1,3-Dichloropropene		4.64	ug/L	1.0	93	74.7	123			
Ethylbenzene		5.12	ug/L	1.0	102	75.5	130			
Hexachlorobutadiene		5.84	ug/L	1.0	117	56.8	135			
Isopropylbenzene		5.48	ug/L	1.0	110	68.8	131			
p-Isopropyltoluene		5.44	ug/L	1.0	109	71.1	128			
Methyl tert-butyl ether (MTBE)		4.12	ug/L	1.0	82	72.6	125			
Methyl ethyl ketone		37.2	ug/L	20	74	57.5	140			
Methylene chloride		4.12	ug/L	1.0	82	63.1	131			
Naphthalene		3.78	ug/L	1.0	76	50.4	159			
n-Propylbenzene		5.12	ug/L	1.0	102	67.3	134			
Styrene		4.84	ug/L	1.0	97	77.2	119			
1,1,1,2-Tetrachloroethane		4.76	ug/L	1.0	95	74	119			
1,1,2,2-Tetrachloroethane		4.04	ug/L	1.0	81	77.6	120			
Tetrachloroethene		5.60	ug/L	1.0	112	72.6	127			
Toluene		5.52	ug/L	1.0	110	65.3	130			
1,2,3-Trichlorobenzene		4.32	ug/L	1.0	86	59.4	139			
1,2,4-Trichlorobenzene		4.28	ug/L	1.0	86	61.6	136			
1,1,1-Trichloroethane		5.44	ug/L	1.0	109	72.2	121			
1,1,2-Trichloroethane		4.16	ug/L	1.0	83	74.7	128			
Trichloroethene		5.80	ug/L	1.0	116	69	129			
Trichlorofluoromethane		5.28	ug/L	1.0	106	54.8	141			
1,2,3-Trichloropropane		4.24	ug/L	1.0	85	62.5	131			
1,2,4-Trimethylbenzene		5.16	ug/L	1.0	103	75.1	137			
1,3,5-Trimethylbenzene		5.08	ug/L	1.0	102	72.9	131			
Vinyl chloride		5.00	ug/L	1.0	100	77.7	132			
m+p-Xylenes		10.6	ug/L	1.0	106	76.4	125			
o-Xylene		5.40	ug/L	1.0	108	73.5	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86157
Sample ID: LCS020413A	67	Laboratory Control Sample				Run: SUB-H86157			02/04/13 09:48	
Xylenes, Total		16.0	ug/L	1.0	107	37.8	157			
Surr: 1,2-Dichloroethane-d4				1.0	87	69.7	142			
Surr: Dibromofluoromethane				1.0	86	69.9	128			
Surr: p-Bromofluorobenzene				1.0	94	83.7	119			
Surr: Toluene-d8				1.0	112	75.5	125			
Sample ID: MB020413A	67	Method Blank				Run: SUB-H86157			02/04/13 11:13	
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,4-Dichlorobenzene		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86157
Sample ID: MB020413A	67	Method Blank				Run: SUB-H86157				02/04/13 11:13
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	20						
Methylene chloride		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4				1.0	83	69.7	142			
Surr: Dibromofluoromethane				1.0	93	69.9	128			
Surr: p-Bromofluorobenzene				1.0	88	83.7	119			
Surr: Toluene-d8				1.0	102	75.5	125			
Sample ID: C13010779-023A	67	Sample Matrix Spike				Run: SUB-H86157				02/04/13 15:48
Benzene		10.2	ug/L	1.0	102	73.7	125			
Bromobenzene		10.0	ug/L	1.0	100	80.2	119			
Bromochloromethane		8.96	ug/L	1.0	90	64.6	125			
Bromodichloromethane		10.5	ug/L	1.0	105	70.9	126			
Bromoform		8.24	ug/L	1.0	82	68.7	120			
Bromomethane		9.76	ug/L	1.0	98	43.5	144			
n-Butylbenzene		10.6	ug/L	1.0	106	69.2	132			
sec-Butylbenzene		10.7	ug/L	1.0	107	69.3	132			
tert-Butylbenzene		10.6	ug/L	1.0	106	71.2	128			
Carbon tetrachloride		10.1	ug/L	1.0	101	68.8	123			
Chlorobenzene		10.2	ug/L	1.0	102	78.3	121			
Chlorodibromomethane		8.72	ug/L	1.0	87	69.7	118			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: H_R86157
Sample ID: C13010779-023A	67	Sample Matrix Spike				Run: SUB-H86157				02/04/13 15:48
Chloroethane		11.0	ug/L	1.0	110	49.1	152			
Chloroform		8.64	ug/L	1.0	86	67.6	124			
Chloromethane		9.04	ug/L	1.0	90	67.9	134			
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134			S
1,2-Dibromo-3-chloropropane		9.52	ug/L	1.0	95	58.2	138			
1,2-Dibromoethane		8.24	ug/L	1.0	82	70.6	114			
2-Chlorotoluene		11.3	ug/L	1.0	113	75.7	124			
Dibromomethane		9.12	ug/L	1.0	91	64.2	126			
1,2-Dichlorobenzene		9.52	ug/L	1.0	95	78	125			
4-Chlorotoluene		9.92	ug/L	1.0	99	75.3	123			
1,3-Dichlorobenzene		9.84	ug/L	1.0	98	76.8	123			
1,4-Dichlorobenzene		9.68	ug/L	1.0	97	78.1	117			
Dichlorodifluoromethane		12.0	ug/L	1.0	120	65.6	148			
1,1-Dichloroethane		14.8	ug/L	1.0	109	73	130			
1,2-Dichloroethane		8.32	ug/L	1.0	83	71	137			
1,1-Dichloroethene		18.6	ug/L	1.0	110	59.3	137			
cis-1,2-Dichloroethene		9.68	ug/L	1.0	97	78.3	122			
trans-1,2-Dichloroethene		10.5	ug/L	1.0	105	69.3	128			
1,2-Dichloropropane		10.0	ug/L	1.0	100	72.3	140			
1,3-Dichloropropane		9.04	ug/L	1.0	90	75.2	127			
2,2-Dichloropropane		11.1	ug/L	1.0	111	70.4	135			
1,1-Dichloropropene		9.60	ug/L	1.0	96	66.5	130			
cis-1,3-Dichloropropene		10.0	ug/L	1.0	100	77	125			
trans-1,3-Dichloropropene		9.36	ug/L	1.0	94	74.7	123			
Ethylbenzene		10.0	ug/L	1.0	100	75.5	130			
Hexachlorobutadiene		10.6	ug/L	1.0	106	56.8	135			
Isopropylbenzene		10.6	ug/L	1.0	106	68.8	131			
p-Isopropyltoluene		10.6	ug/L	1.0	106	71.1	128			
Methyl tert-butyl ether (MTBE)		8.88	ug/L	1.0	89	72.6	125			
Methyl ethyl ketone		74.1	ug/L	40	74	57.5	140			
Methylene chloride		8.32	ug/L	1.0	83	63.1	131			
Naphthalene		8.16	ug/L	1.0	82	50.4	159			
n-Propylbenzene		10.3	ug/L	1.0	103	67.3	134			
Styrene		9.68	ug/L	1.0	97	77.2	119			
1,1,1,2-Tetrachloroethane		9.44	ug/L	1.0	94	74	119			
1,1,2,2-Tetrachloroethane		8.72	ug/L	1.0	87	77.6	120			
Tetrachloroethene		15.4	ug/L	1.0	103	72.6	127			
Toluene		10.5	ug/L	1.0	105	65.3	130			
1,2,3-Trichlorobenzene		8.72	ug/L	1.0	87	59.4	139			
1,2,4-Trichlorobenzene		9.12	ug/L	1.0	91	61.6	136			
1,1,1-Trichloroethane		10.6	ug/L	1.0	106	72.2	121			
1,1,2-Trichloroethane		9.28	ug/L	1.0	93	74.7	128			
Trichloroethene		12.8	ug/L	1.0	110	69	129			
Trichlorofluoromethane		10.6	ug/L	1.0	106	54.8	141			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Batch: H_R86157		
Sample ID: C13010779-023A	67	Sample Matrix Spike				Run: SUB-H86157			02/04/13 15:48	
1,2,3-Trichloropropane		9.44	ug/L	1.0	94	62.5	131			
1,2,4-Trimethylbenzene		9.92	ug/L	1.0	99	75.1	137			
1,3,5-Trimethylbenzene		9.92	ug/L	1.0	99	72.9	131			
Vinyl chloride		9.60	ug/L	1.0	96	77.7	132			
m+p-Xylenes		20.1	ug/L	1.0	100	76.4	125			
o-Xylene		10.3	ug/L	1.0	103	73.5	127			
Xylenes, Total		30.4	ug/L	2.0	101	37.8	157			
Surr: 1,2-Dichloroethane-d4				2.0	84	69.7	142			
Surr: Dibromofluoromethane				2.0	87	69.9	128			
Surr: p-Bromofluorobenzene				2.0	94	83.7	119			
Surr: Toluene-d8				2.0	107	75.5	125			
- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.										
Sample ID: C13010779-023A	67	Sample Matrix Spike Duplicate				Run: SUB-H86157			02/04/13 16:19	
Benzene		9.68	ug/L	1.0	97	73.7	125	4.8	20	
Bromobenzene		10.0	ug/L	1.0	100	80.2	119	0.0	20	
Bromochloromethane		8.72	ug/L	1.0	87	64.6	125	2.7	20	
Bromodichloromethane		9.28	ug/L	1.0	93	70.9	126	12	20	
Bromoform		8.56	ug/L	1.0	86	68.7	120	3.8	20	
Bromomethane		9.84	ug/L	1.0	98	43.5	144	0.8	20	
n-Butylbenzene		10.7	ug/L	1.0	107	69.2	132	0.7	20	
sec-Butylbenzene		10.6	ug/L	1.0	106	69.3	132	0.7	20	
tert-Butylbenzene		10.9	ug/L	1.0	109	71.2	128	2.2	20	
Carbon tetrachloride		10.4	ug/L	1.0	104	68.8	123	3.1	20	
Chlorobenzene		9.92	ug/L	1.0	99	78.3	121	2.4	20	
Chlorodibromomethane		8.72	ug/L	1.0	87	69.7	118	0.0	20	
Chloroethane		9.76	ug/L	1.0	98	49.1	152	12	20	
Chloroform		8.72	ug/L	1.0	87	67.6	124	0.9	20	
Chloromethane		8.48	ug/L	1.0	85	67.9	134	6.4	20	
2-Chloroethyl vinyl ether		ND	ug/L	1.0		61.3	134		20	S
1,2-Dibromo-3-chloropropane		9.28	ug/L	1.0	93	58.2	138	2.6	20	
1,2-Dibromoethane		7.75	ug/L	1.0	78	70.6	114	6.1	20	
2-Chlorotoluene		11.6	ug/L	1.0	116	75.7	124	2.8	20	
Dibromomethane		8.24	ug/L	1.0	82	64.2	126	10	20	
1,2-Dichlorobenzene		9.76	ug/L	1.0	98	78	125	2.5	20	
4-Chlorotoluene		11.0	ug/L	1.0	110	75.3	123	10.0	20	
1,3-Dichlorobenzene		10.0	ug/L	1.0	100	76.8	123	1.6	20	
1,4-Dichlorobenzene		10.1	ug/L	1.0	101	78.1	117	4.0	20	
Dichlorodifluoromethane		11.3	ug/L	1.0	113	65.6	148	6.2	20	
1,1-Dichloroethane		14.2	ug/L	1.0	103	73	130	4.4	20	
1,2-Dichloroethane		7.73	ug/L	1.0	77	71	137	7.4	20	
1,1-Dichloroethene		17.8	ug/L	1.0	102	59.3	137	4.8	20	
cis-1,2-Dichloroethene		9.76	ug/L	1.0	98	78.3	122	0.8	20	
trans-1,2-Dichloroethene		10.3	ug/L	1.0	103	69.3	128	1.5	20	
1,2-Dichloropropane		9.60	ug/L	1.0	96	72.3	140	4.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 02/12/13

Project: 90125 Artesia

Work Order: C13010779

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: H_R86157	
Sample ID: C13010779-023A	67	Sample Matrix Spike Duplicate				Run: SUB-H86157			02/04/13 16:19	
1,3-Dichloropropane		8.48	ug/L	1.0	85	75.2	127	6.4	20	
2,2-Dichloropropane		10.6	ug/L	1.0	106	70.4	135	4.4	20	
1,1-Dichloropropene		10.4	ug/L	1.0	104	66.5	130	8.0	20	
cis-1,3-Dichloropropene		9.04	ug/L	1.0	90	77	125	10	20	
trans-1,3-Dichloropropene		8.88	ug/L	1.0	89	74.7	123	5.3	20	
Ethylbenzene		9.68	ug/L	1.0	97	75.5	130	3.3	20	
Hexachlorobutadiene		10.7	ug/L	1.0	107	56.8	135	0.7	20	
Isopropylbenzene		10.6	ug/L	1.0	106	68.8	131	0.0	20	
p-Isopropyltoluene		10.2	ug/L	1.0	102	71.1	128	4.6	20	
Methyl tert-butyl ether (MTBE)		8.64	ug/L	1.0	86	72.6	125	2.7	20	
Methyl ethyl ketone		78.0	ug/L	40	78	57.5	140	5.2	20	
Methylene chloride		8.32	ug/L	1.0	83	63.1	131	0.0	20	
Naphthalene		9.04	ug/L	1.0	90	50.4	159	10	20	
n-Propylbenzene		10.3	ug/L	1.0	103	67.3	134	0.0	20	
Styrene		10.2	ug/L	1.0	102	77.2	119	4.8	20	
1,1,1,2-Tetrachloroethane		9.28	ug/L	1.0	93	74	119	1.7	20	
1,1,2,2-Tetrachloroethane		8.48	ug/L	1.0	85	77.6	120	2.8	20	
Tetrachloroethene		16.0	ug/L	1.0	108	72.6	127	3.6	20	
Toluene		9.92	ug/L	1.0	99	65.3	130	5.5	20	
1,2,3-Trichlorobenzene		9.76	ug/L	1.0	98	59.4	139	11	20	
1,2,4-Trichlorobenzene		9.44	ug/L	1.0	94	61.6	136	3.4	20	
1,1,1-Trichloroethane		10.7	ug/L	1.0	107	72.2	121	0.7	20	
1,1,2-Trichloroethane		6.97	ug/L	1.0	70	74.7	128	28	20	SR
Trichloroethene		12.2	ug/L	1.0	104	69	129	4.5	20	
Trichlorofluoromethane		10.1	ug/L	1.0	101	54.8	141	4.7	20	
1,2,3-Trichloropropane		8.80	ug/L	1.0	88	62.5	131	7.0	20	
1,2,4-Trimethylbenzene		10.1	ug/L	1.0	101	75.1	137	1.6	20	
1,3,5-Trimethylbenzene		10.2	ug/L	1.0	102	72.9	131	3.2	20	
Vinyl chloride		8.64	ug/L	1.0	86	77.7	132	11	20	
m+p-Xylenes		21.0	ug/L	1.0	105	76.4	125	4.3	20	
o-Xylene		10.7	ug/L	1.0	107	73.5	127	3.8	20	
Xylenes, Total		31.7	ug/L	2.0	106	37.8	157	4.1	20	
Surr: 1,2-Dichloroethane-d4				2.0	89	69.7	142			
Surr: Dibromofluoromethane				2.0	91	69.9	128			
Surr: p-Bromofluorobenzene				2.0	98	83.7	119			
Surr: Toluene-d8				2.0	111	75.5	125			

- 2-Chloroethyl vinyl ether will degrade in acid-preserved samples.

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Deuell Environmental LLC

C13010779

Login completed by: Tracy Judge

Date Received: 1/25/2013

Reviewed by: BL2000\kmiller

Received by: dcq

Reviewed Date: 1/28/2013

Carrier FedEx
name:

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☒	No ☐	
Temp Blank received?	Yes ☐	No ☒	Not Applicable ☐
Container/Temp Blank temperature:	7.3°C On Ice		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

Page 1 of 3

PLEASE PRINT (Provide as much information as possible.)

Company Name: <u>DEVELL ENVIRONMENTAL</u> Report Mail Address (Required): <u>1653 DIAMOND HEAD CT</u> <u>LARAMIE, WY 82072</u>		Project Name, PWS, Permit, Etc.: <u>90125 ARTESIA</u> Sample Origin: <u>NM</u> State: <u>NM</u> EPA/State Compliance: Yes ☒ No ☐ Sampler: (Please Print): _____	
Contact Name: <u>RICK DEVELL</u> Phone/Fax: <u>307 760 3277</u> Cell: _____		Quote/Bottle Order: _____ Purchase Order: <u>90125.1</u>	
Invoice Contact & Phone: _____ Invoice Contact & Phone: _____		Shipped by: <u>FE-EXP</u> Cooler ID(s): <u>3360</u> Receipt Temp: <u>7.3/10.0 °C</u> On Ice: <u>YN</u> Custody Seal: <u>YN</u> On Cooler: <u>YN</u> Intact: <u>YN</u> Signature Match: <u>YN</u>	

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	MATRIX	ANALYSIS REQUESTED	Standard Turnaround (TAT)	Contact ELI prior to RUSH sample submittal for charges and scheduling - See instruction Page	Comments:	Shipped by:
1 90125-13.1/13		1/23/13	09:00	3W	SEE ATTACHED	↑			FE-EXP
2 90125-15.1/13			09:20						
3 90125-7.1/13			09:40						
4 90125-12.1/13			10:00						
5 90125-20.1/13			12:00						
6 90125-28.1/13			12:30						
7 90125-29.1/13			13:00						
8 90125-30.1/13			13:20						
9 90125-TONK(B)-1/13			13:40						
10 90125-A.1/13			07:00						

Custody Record MUST be Signed	Relinquished by (print): <u>Rick Devel</u> Relinquished by (print): _____	Date/Time: <u>1/24/13 15:00</u> Date/Time: _____	Signature: _____ Signature: _____
	Sample Disposal: _____ Return to Client: _____ Lab Disposal: _____	Received by (print): _____ Received by (print): _____ Received by Laboratory: _____	Date/Time: <u>1/25/13 930</u> Date/Time: _____ Signature: <u>Dan Dwyer</u>

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylabs.com for additional information, downloadable fee schedule, forms, and links.



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: <u>DEUEL ENVIRONMENTAL</u>		Project Name, PWS, Permit, Etc.: <u>90125 ARTESIA</u>		EPA/State Compliance: Yes ☒ No ☐	
Report Mail Address (Required): <u>1653 DIAMOND HEAD CT</u> <u>LARKIE WY 82072</u>		Contact Name: <u>RIK DEUEL</u> Phone/Fax: <u>307 760 3277</u>		State: <u>NM</u> Sampler: (Please Print)	
☐ No Hard Copy Email:		Invoice Contact & Phone: <u>307 760 3277</u>		Purchase Order: <u>90125.1</u>	
Invoice Address (Required): <u>SAME</u>		Contact Name: <u>RIK DEUEL</u>		Quote/Bottle Order:	
☐ No Hard Copy Email:		Special Report/Formats: ☐ DW ☐ EDD/EDT (Electronic Data) ☐ POTW/WWTP ☐ Format: ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC		Shipped by: <u>FE-EXP</u> Cooler ID(s): <u>326D</u> Receipt Temp: <u>1.3 IR3 °C</u> On Ice: ☒ Y ☐ N Custody Seal: ☒ Y ☐ N On Bottle: ☒ Y ☐ N On Cooler: ☒ Y ☐ N Intact: ☒ Y ☐ N Signature Match: ☒ Y ☐ N	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time	
1 <u>90125-32.1/13</u>		<u>1/24/13</u>		<u>00:00</u>	
2 <u>90125-33.1/13</u>		<u>1/24/13</u>		<u>00:30</u>	
3 <u>90125-26.1/13</u>		<u>1/24/13</u>		<u>07:00</u>	
4 <u>90125-27.1/13</u>		<u>1/24/13</u>		<u>07:20</u>	
5 <u>90125-22.1/13</u>		<u>1/24/13</u>		<u>07:40</u>	
6 <u>90125-25.1/13</u>		<u>1/24/13</u>		<u>10:00</u>	
7 <u>90125-21.1/13</u>		<u>1/24/13</u>		<u>10:20</u>	
8 <u>90125-31.1/13</u>		<u>1/24/13</u>		<u>10:40</u>	
9 <u>90125-18.1/13</u>		<u>1/24/13</u>		<u>11:00</u>	
10 <u>90125-11.1/13</u>		<u>1/24/13</u>		<u>11:20</u>	
Relinquished by (print): <u>RIK DEUEL</u>		Date/Time: <u>1/24/13 15:00</u>		Signature: <u>[Signature]</u>	
Relinquished by (print):		Date/Time:		Signature:	
Custody Record MUST be Signed		Sample Disposal: <u>Return to Client</u>		Lab Disposal: <u>12513 930 David Dand</u>	
Received by (print):		Date/Time:		Signature:	
Received by (print):		Date/Time:		Signature:	
Received by Laboratory:		Date/Time:		Signature:	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

PLEASE PRINT (Provide as much information as possible.)

Page 79 of 79

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.



ANALYTICAL SUMMARY REPORT

January 31, 2013

Deuell Environmental LLC
1653 Diamond Head Ct
Laramie, WY 82072

Workorder No.: C13010740

Project Name: 90125 Artesia

Energy Laboratories, Inc. Casper WY received the following 1 sample for Deuell Environmental LLC on 1/24/2013 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C13010740-001	90125-WB.1/13	01/23/13 16:00	01/24/13	Air	Supplies SW8260B VOCs, Standard List

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Report Proofing Specialist

Digitally signed by
Sheri Mead
Date: 2013.01.31 15:53:21 -07:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010740-001
Client Sample ID: 90125-WB.1/13

Report Date: 01/31/13
Collection Date: 01/23/13 16:00
Date Received: 01/24/13
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1,1-Trichloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1,2,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1,2-Trichloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1-Dichloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1-Dichloroethene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,1-Dichloropropene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2,3-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2,3-Trichloropropane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2,4-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2,4-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2-Dibromo-3-chloropropane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2-Dibromoethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2-Dichloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,3,5-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,3-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,3-Dichloropropane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
1,4-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
2,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
2-Chlorotoluene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
4-Chlorotoluene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Benzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Bromobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Bromochloromethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Bromodichloromethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Bromoform	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Bromomethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Carbon tetrachloride	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Chlorobenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Chlorodibromomethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Chloroethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Chloroform	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Chloromethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
cis-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
cis-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Dibromomethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Dichlorodifluoromethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Ethylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Hexachlorobutadiene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Isopropylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
m+p-Xylenes	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13010740-001
Client Sample ID: 90125-WB.1/13

Report Date: 01/31/13
Collection Date: 01/23/13 16:00
Date Received: 01/24/13
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Methyl ethyl ketone	ND	mg/m3		20		SW8260B	01/30/13 12:12 / jk
Methylene chloride	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Naphthalene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
n-Butylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
n-Propylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
o-Xylene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
p-Isopropyltoluene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
sec-Butylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Styrene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
tert-Butylbenzene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Tetrachloroethene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Toluene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
trans-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
trans-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Trichloroethene	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Trichlorofluoromethane	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Vinyl chloride	ND	mg/m3		1.0		SW8260B	01/30/13 12:12 / jk
Surr: 1,2-Dichlorobenzene-d4	85.0	%REC		80-120		SW8260B	01/30/13 12:12 / jk
Surr: Dibromofluoromethane	90.0	%REC		80-120		SW8260B	01/30/13 12:12 / jk
Surr: p-Bromofluorobenzene	100	%REC		80-120		SW8260B	01/30/13 12:12 / jk
Surr: Toluene-d8	108	%REC		80-120		SW8260B	01/30/13 12:12 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R169715
Sample ID: 013013_LCS_4										
64 Laboratory Control Sample				Run: SATURNCA_130130A				01/30/13 10:12		
1,1,1,2-Tetrachloroethane		13.5	mg/m3	1.0	135	70	130			S
1,1,1-Trichloroethane		12.2	mg/m3	1.0	122	70	130			
1,1,2,2-Tetrachloroethane		11.0	mg/m3	1.0	110	70	130			
1,1,2-Trichloroethane		11.6	mg/m3	1.0	116	70	130			
1,1-Dichloroethane		11.3	mg/m3	1.0	113	70	130			
1,1-Dichloroethene		12.2	mg/m3	1.0	122	70	130			
1,1-Dichloropropene		12.5	mg/m3	1.0	125	70	130			
1,2,3-Trichlorobenzene		13.6	mg/m3	1.0	136	70	130			S
1,2,3-Trichloropropane		11.0	mg/m3	1.0	110	70	130			
1,2,4-Trichlorobenzene		13.9	mg/m3	1.0	139	70	130			S
1,2,4-Trimethylbenzene		11.8	mg/m3	1.0	118	70	130			
1,2-Dibromo-3-chloropropane		12.0	mg/m3	1.0	120	70	130			
1,2-Dibromoethane		13.4	mg/m3	1.0	134	70	130			S
1,2-Dichlorobenzene		11.8	mg/m3	1.0	118	70	130			
1,2-Dichloroethane		10.8	mg/m3	1.0	108	70	130			
1,2-Dichloropropane		12.1	mg/m3	1.0	121	70	130			
1,3,5-Trimethylbenzene		11.8	mg/m3	1.0	118	70	130			
1,3-Dichlorobenzene		11.5	mg/m3	1.0	115	70	130			
1,3-Dichloropropane		10.8	mg/m3	1.0	108	70	130			
1,4-Dichlorobenzene		10.8	mg/m3	1.0	108	70	130			
2,2-Dichloropropane		18.3	mg/m3	1.0	183	70	130			S
2-Chlorotoluene		10.5	mg/m3	1.0	105	70	130			
4-Chlorotoluene		12.2	mg/m3	1.0	122	70	130			
Benzene		11.4	mg/m3	1.0	114	70	130			
Bromobenzene		11.5	mg/m3	1.0	115	70	130			
Bromochloromethane		11.3	mg/m3	1.0	113	70	130			
Bromodichloromethane		10.7	mg/m3	1.0	107	70	130			
Bromoform		12.5	mg/m3	1.0	125	70	130			
Bromomethane		13.0	mg/m3	1.0	130	70	130			
Carbon tetrachloride		11.9	mg/m3	1.0	119	70	130			
Chlorobenzene		13.0	mg/m3	1.0	130	70	130			
Chlorodibromomethane		11.7	mg/m3	1.0	117	70	130			
Chloroethane		13.0	mg/m3	1.0	130	70	130			
Chloroform		12.2	mg/m3	1.0	122	70	130			
Chloromethane		12.3	mg/m3	1.0	123	70	130			
cis-1,2-Dichloroethene		11.7	mg/m3	1.0	117	70	130			
cis-1,3-Dichloropropene		12.0	mg/m3	1.0	120	70	130			
Dibromomethane		11.4	mg/m3	1.0	114	70	130			
Dichlorodifluoromethane		9.64	mg/m3	1.0	96	70	130			
Ethylbenzene		11.5	mg/m3	1.0	115	70	130			
Hexachlorobutadiene		13.5	mg/m3	1.0	135	70	130			S
Isopropylbenzene		11.7	mg/m3	1.0	117	70	130			
m+p-Xylenes		25.7	mg/m3	1.0	128	70	130			
Methyl ethyl ketone		87.2	mg/m3	20	87	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R169715
Sample ID: 013013_LCS_4	64	Laboratory Control Sample				Run: SATURNCA_130130A				01/30/13 10:12
Methylene chloride		12.7	mg/m3	1.0	127	70	130			
Naphthalene		13.4	mg/m3	1.0	134	70	130			S
n-Butylbenzene		12.4	mg/m3	1.0	124	70	130			
n-Propylbenzene		11.7	mg/m3	1.0	117	70	130			
o-Xylene		11.4	mg/m3	1.0	114	70	130			
p-Isopropyltoluene		12.5	mg/m3	1.0	125	70	130			
sec-Butylbenzene		11.4	mg/m3	1.0	114	70	130			
Styrene		12.6	mg/m3	1.0	126	70	130			
tert-Butylbenzene		11.7	mg/m3	1.0	117	70	130			
Tetrachloroethene		11.3	mg/m3	1.0	113	70	130			
Toluene		11.1	mg/m3	1.0	111	70	130			
trans-1,2-Dichloroethene		11.1	mg/m3	1.0	111	70	130			
trans-1,3-Dichloropropene		11.9	mg/m3	1.0	119	70	130			
Trichloroethene		11.4	mg/m3	1.0	114	70	130			
Trichlorofluoromethane		11.9	mg/m3	1.0	119	70	130			
Vinyl chloride		10.7	mg/m3	1.0	107	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	100	80	120			
Surr: Dibromofluoromethane				1.0	96	80	120			
Surr: p-Bromofluorobenzene				1.0	114	80	120			
Surr: Toluene-d8				1.0	100	80	120			
Sample ID: C13010740-001AMS	64	Sample Matrix Spike				Run: SATURNCA_130130A				01/30/13 12:50
1,1,1,2-Tetrachloroethane		12.6	mg/m3	1.0	126	70	130			
1,1,1-Trichloroethane		11.1	mg/m3	1.0	111	70	130			
1,1,2,2-Tetrachloroethane		10.6	mg/m3	1.0	106	70	130			
1,1,2-Trichloroethane		11.4	mg/m3	1.0	114	70	130			
1,1-Dichloroethane		12.0	mg/m3	1.0	120	70	130			
1,1-Dichloroethene		10.6	mg/m3	1.0	106	70	130			
1,1-Dichloropropene		11.8	mg/m3	1.0	118	70	130			
1,2,3-Trichlorobenzene		12.4	mg/m3	1.0	124	70	130			
1,2,3-Trichloropropane		10.0	mg/m3	1.0	100	70	130			
1,2,4-Trichlorobenzene		12.6	mg/m3	1.0	126	70	130			
1,2,4-Trimethylbenzene		11.2	mg/m3	1.0	112	70	130			
1,2-Dibromo-3-chloropropane		10.6	mg/m3	1.0	106	70	130			
1,2-Dibromoethane		13.7	mg/m3	1.0	137	70	130			S
1,2-Dichlorobenzene		10.4	mg/m3	1.0	104	70	130			
1,2-Dichloroethane		11.6	mg/m3	1.0	116	70	130			
1,2-Dichloropropane		12.0	mg/m3	1.0	120	70	130			
1,3,5-Trimethylbenzene		11.3	mg/m3	1.0	113	70	130			
1,3-Dichlorobenzene		11.4	mg/m3	1.0	114	70	130			
1,3-Dichloropropane		10.4	mg/m3	1.0	104	70	130			
1,4-Dichlorobenzene		11.4	mg/m3	1.0	114	70	130			
2,2-Dichloropropane		16.7	mg/m3	1.0	167	70	130			S
2-Chlorotoluene		10.9	mg/m3	1.0	109	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R169715	
Sample ID: C13010740-001AMS 64 Sample Matrix Spike									Run: SATURNCA_130130A	
									01/30/13 12:50	
4-Chlorotoluene		11.0	mg/m3	1.0	110	70	130			
Benzene		11.6	mg/m3	1.0	116	70	130			
Bromobenzene		11.1	mg/m3	1.0	111	70	130			
Bromochloromethane		10.6	mg/m3	1.0	106	70	130			
Bromodichloromethane		11.2	mg/m3	1.0	112	70	130			
Bromoform		12.4	mg/m3	1.0	124	70	130			
Bromomethane		12.1	mg/m3	1.0	121	70	130			
Carbon tetrachloride		11.1	mg/m3	1.0	111	70	130			
Chlorobenzene		12.2	mg/m3	1.0	122	70	130			
Chlorodibromomethane		11.0	mg/m3	1.0	110	70	130			
Chloroethane		11.2	mg/m3	1.0	112	70	130			
Chloroform		11.3	mg/m3	1.0	113	70	130			
Chloromethane		11.0	mg/m3	1.0	110	70	130			
cis-1,2-Dichloroethene		11.2	mg/m3	1.0	112	70	130			
cis-1,3-Dichloropropene		12.5	mg/m3	1.0	125	70	130			
Dibromomethane		11.5	mg/m3	1.0	115	70	130			
Dichlorodifluoromethane		8.52	mg/m3	1.0	85	70	130			
Ethylbenzene		11.0	mg/m3	1.0	110	70	130			
Hexachlorobutadiene		12.4	mg/m3	1.0	124	70	130			
Isopropylbenzene		10.7	mg/m3	1.0	107	70	130			
m+p-Xylenes		25.0	mg/m3	1.0	125	70	130			
Methyl ethyl ketone		94.0	mg/m3	20	94	70	130			
Methylene chloride		12.6	mg/m3	1.0	126	70	130			
Naphthalene		11.8	mg/m3	1.0	118	70	130			
n-Butylbenzene		11.8	mg/m3	1.0	118	70	130			
n-Propylbenzene		10.5	mg/m3	1.0	105	70	130			
o-Xylene		11.0	mg/m3	1.0	110	70	130			
p-Isopropyltoluene		12.8	mg/m3	1.0	128	70	130			
sec-Butylbenzene		11.9	mg/m3	1.0	119	70	130			
Styrene		11.7	mg/m3	1.0	117	70	130			
tert-Butylbenzene		11.8	mg/m3	1.0	118	70	130			
Tetrachloroethene		11.1	mg/m3	1.0	111	70	130			
Toluene		11.9	mg/m3	1.0	119	70	130			
trans-1,2-Dichloroethene		10.7	mg/m3	1.0	107	70	130			
trans-1,3-Dichloropropene		12.6	mg/m3	1.0	126	70	130			
Trichloroethene		11.6	mg/m3	1.0	116	70	130			
Trichlorofluoromethane		10.6	mg/m3	1.0	106	70	130			
Vinyl chloride		9.80	mg/m3	1.0	98	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	93	80	120			
Surr: Dibromofluoromethane				1.0	90	80	120			
Surr: p-Bromofluorobenzene				1.0	110	80	120			
Surr: Toluene-d8				1.0	102	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R169715
Sample ID: 013013_MBLK_6	64	Method Blank		Run: SATURNCA_130130A				01/30/13 11:25		
1,1,1,2-Tetrachloroethane		ND	mg/m3	1.0						
1,1,1-Trichloroethane		ND	mg/m3	1.0						
1,1,2,2-Tetrachloroethane		ND	mg/m3	1.0						
1,1,2-Trichloroethane		ND	mg/m3	1.0						
1,1-Dichloroethane		ND	mg/m3	1.0						
1,1-Dichloroethene		ND	mg/m3	1.0						
1,1-Dichloropropene		ND	mg/m3	1.0						
1,2,3-Trichlorobenzene		ND	mg/m3	1.0						
1,2,3-Trichloropropane		ND	mg/m3	1.0						
1,2,4-Trichlorobenzene		ND	mg/m3	1.0						
1,2,4-Trimethylbenzene		ND	mg/m3	1.0						
1,2-Dibromo-3-chloropropane		ND	mg/m3	1.0						
1,2-Dibromoethane		ND	mg/m3	1.0						
1,2-Dichlorobenzene		ND	mg/m3	1.0						
1,2-Dichloroethane		ND	mg/m3	1.0						
1,2-Dichloropropane		ND	mg/m3	1.0						
1,3,5-Trimethylbenzene		ND	mg/m3	1.0						
1,3-Dichlorobenzene		ND	mg/m3	1.0						
1,3-Dichloropropane		ND	mg/m3	1.0						
1,4-Dichlorobenzene		ND	mg/m3	1.0						
2,2-Dichloropropane		ND	mg/m3	1.0						
2-Chlorotoluene		ND	mg/m3	1.0						
4-Chlorotoluene		ND	mg/m3	1.0						
Benzene		ND	mg/m3	1.0						
Bromobenzene		ND	mg/m3	1.0						
Bromochloromethane		ND	mg/m3	1.0						
Bromodichloromethane		ND	mg/m3	1.0						
Bromoform		ND	mg/m3	1.0						
Bromomethane		ND	mg/m3	1.0						
Carbon tetrachloride		ND	mg/m3	1.0						
Chlorobenzene		ND	mg/m3	1.0						
Chlorodibromomethane		ND	mg/m3	1.0						
Chloroethane		ND	mg/m3	1.0						
Chloroform		ND	mg/m3	1.0						
Chloromethane		ND	mg/m3	1.0						
cis-1,2-Dichloroethene		ND	mg/m3	1.0						
cis-1,3-Dichloropropene		ND	mg/m3	1.0						
Dibromomethane		ND	mg/m3	1.0						
Dichlorodifluoromethane		ND	mg/m3	1.0						
Ethylbenzene		ND	mg/m3	1.0						
Hexachlorobutadiene		ND	mg/m3	1.0						
Isopropylbenzene		ND	mg/m3	1.0						
m+p-Xylenes		ND	mg/m3	1.0						
Methyl ethyl ketone		ND	mg/m3	20						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R169715
Sample ID: 013013_MBLK_6	64	Method Blank		Run: SATURNCA_130130A				01/30/13 11:25		
Methylene chloride		ND	mg/m3	1.0						
Naphthalene		ND	mg/m3	1.0						
n-Butylbenzene		ND	mg/m3	1.0						
n-Propylbenzene		ND	mg/m3	1.0						
o-Xylene		ND	mg/m3	1.0						
p-Isopropyltoluene		ND	mg/m3	1.0						
sec-Butylbenzene		ND	mg/m3	1.0						
Styrene		ND	mg/m3	1.0						
tert-Butylbenzene		ND	mg/m3	1.0						
Tetrachloroethene		ND	mg/m3	1.0						
Toluene		ND	mg/m3	1.0						
trans-1,2-Dichloroethene		ND	mg/m3	1.0						
trans-1,3-Dichloropropene		ND	mg/m3	1.0						
Trichloroethene		ND	mg/m3	1.0						
Trichlorofluoromethane		ND	mg/m3	1.0						
Vinyl chloride		ND	mg/m3	1.0						
Surr: 1,2-Dichlorobenzene-d4				1.0	93	80	120			
Surr: Dibromofluoromethane				1.0	90	80	120			
Surr: p-Bromofluorobenzene				1.0	100	80	120			
Surr: Toluene-d8				1.0	109	80	120			
Sample ID: C13010740-001AMSD	64	Sample Matrix Spike Duplicate		Run: SATURNCA_130130A				01/30/13 13:27		
1,1,1,2-Tetrachloroethane		13.6	mg/m3	1.0	136	70	130	8.0	20	S
1,1,1-Trichloroethane		10.6	mg/m3	1.0	106	70	130	4.4	20	
1,1,2,2-Tetrachloroethane		11.2	mg/m3	1.0	112	70	130	5.9	20	
1,1,2-Trichloroethane		11.7	mg/m3	1.0	117	70	130	2.8	20	
1,1-Dichloroethane		12.7	mg/m3	1.0	127	70	130	5.5	20	
1,1-Dichloroethene		10.2	mg/m3	1.0	102	70	130	3.8	20	
1,1-Dichloropropene		10.8	mg/m3	1.0	108	70	130	8.8	20	
1,2,3-Trichlorobenzene		13.4	mg/m3	1.0	134	70	130	7.8	20	S
1,2,3-Trichloropropane		10.9	mg/m3	1.0	109	70	130	8.8	20	
1,2,4-Trichlorobenzene		13.7	mg/m3	1.0	137	70	130	8.8	20	S
1,2,4-Trimethylbenzene		11.7	mg/m3	1.0	117	70	130	4.5	20	
1,2-Dibromo-3-chloropropane		11.9	mg/m3	1.0	119	70	130	11	20	
1,2-Dibromoethane		13.7	mg/m3	1.0	137	70	130	0.0	20	S
1,2-Dichlorobenzene		11.3	mg/m3	1.0	113	70	130	8.1	20	
1,2-Dichloroethane		10.4	mg/m3	1.0	104	70	130	12	20	
1,2-Dichloropropane		12.1	mg/m3	1.0	121	70	130	0.3	20	
1,3,5-Trimethylbenzene		11.9	mg/m3	1.0	119	70	130	5.2	20	
1,3-Dichlorobenzene		11.0	mg/m3	1.0	110	70	130	3.2	20	
1,3-Dichloropropane		11.4	mg/m3	1.0	114	70	130	8.8	20	
1,4-Dichlorobenzene		10.8	mg/m3	1.0	108	70	130	4.7	20	
2,2-Dichloropropane		17.1	mg/m3	1.0	171	70	130	2.6	20	S
2-Chlorotoluene		11.6	mg/m3	1.0	116	70	130	6.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 01/31/13

Project: 90125 Artesia

Work Order: C13010740

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R169715
Sample ID: C13010740-001AMSD 64 Sample Matrix Spike Duplicate										Run: SATURNCA_130130A 01/30/13 13:27
4-Chlorotoluene		10.8	mg/m3	1.0	108	70	130	1.5	20	
Benzene		12.2	mg/m3	1.0	122	70	130	5.0	20	
Bromobenzene		12.0	mg/m3	1.0	120	70	130	7.6	20	
Bromochloromethane		9.96	mg/m3	1.0	100	70	130	5.8	20	
Bromodichloromethane		11.6	mg/m3	1.0	116	70	130	2.8	20	
Bromoform		12.9	mg/m3	1.0	129	70	130	3.8	20	
Bromomethane		10.6	mg/m3	1.0	106	70	130	13	20	
Carbon tetrachloride		10.6	mg/m3	1.0	106	70	130	4.8	20	
Chlorobenzene		13.0	mg/m3	1.0	130	70	130	6.7	20	
Chlorodibromomethane		11.4	mg/m3	1.0	114	70	130	3.6	20	
Chloroethane		11.2	mg/m3	1.0	112	70	130	0.0	20	
Chloroform		10.6	mg/m3	1.0	106	70	130	6.6	20	
Chloromethane		10.9	mg/m3	1.0	109	70	130	0.7	20	
cis-1,2-Dichloroethene		9.96	mg/m3	1.0	100	70	130	12	20	
cis-1,3-Dichloropropene		12.8	mg/m3	1.0	128	70	130	2.8	20	
Dibromomethane		12.2	mg/m3	1.0	122	70	130	6.1	20	
Dichlorodifluoromethane		8.00	mg/m3	1.0	80	70	130	6.3	20	
Ethylbenzene		12.2	mg/m3	1.0	122	70	130	10	20	
Hexachlorobutadiene		13.0	mg/m3	1.0	130	70	130	4.7	20	
Isopropylbenzene		12.1	mg/m3	1.0	121	70	130	13	20	
m+p-Xylenes		27.2	mg/m3	1.0	136	70	130	8.4	20	S
Methyl ethyl ketone		88.8	mg/m3	20	89	70	130	5.7	20	
Methylene chloride		12.2	mg/m3	1.0	122	70	130	3.2	20	
Naphthalene		13.0	mg/m3	1.0	130	70	130	10.0	20	
n-Butylbenzene		12.9	mg/m3	1.0	129	70	130	9.1	20	
n-Propylbenzene		11.4	mg/m3	1.0	114	70	130	8.1	20	
o-Xylene		11.7	mg/m3	1.0	117	70	130	6.0	20	
p-Isopropyltoluene		13.1	mg/m3	1.0	131	70	130	2.8	20	S
sec-Butylbenzene		11.5	mg/m3	1.0	115	70	130	3.4	20	
Styrene		12.6	mg/m3	1.0	126	70	130	7.9	20	
tert-Butylbenzene		11.8	mg/m3	1.0	118	70	130	0.7	20	
Tetrachloroethene		11.3	mg/m3	1.0	113	70	130	1.8	20	
Toluene		12.2	mg/m3	1.0	122	70	130	3.0	20	
trans-1,2-Dichloroethene		10.3	mg/m3	1.0	103	70	130	4.2	20	
trans-1,3-Dichloropropene		14.4	mg/m3	1.0	144	70	130	13	20	S
Trichloroethene		11.9	mg/m3	1.0	119	70	130	2.4	20	
Trichlorofluoromethane		10.3	mg/m3	1.0	103	70	130	2.3	20	
Vinyl chloride		9.48	mg/m3	1.0	95	70	130	3.3	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	98	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	83	80	120	0.0	10	
Surr: p-Bromofluorobenzene				1.0	112	80	120	0.0	10	
Surr: Toluene-d8				1.0	110	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Deuell Environmental LLC

C13010740

Login completed by: Debra Williams

Date Received: 1/24/2013

Reviewed by: BL2000\cwagner

Received by: dw

Reviewed Date: 1/25/2013

Carrier FedEx
name:

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☒	No ☐	
Temp Blank received?	Yes ☐	No ☐	Not Applicable ☒
Container/Temp Blank temperature:	NA °C	NA	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT (Provide as much information as possible.)

Company Name: Deuel Environmental		Project Name, PWS, Permit, Etc. 90125 ARTESIA		Sample Origin State: NM		EPA/State Compliance: Yes ☒ No ☐	
Report Mail Address (Required): 1653 DIAMOND HEAD CT LARAMIE, WY 82072		Contact Name: Rick Deuel		Cell: 307 760 3277		Sampler: (Please Print)	
☐ No Hard Copy Email:		Invoice Contact & Phone: 307 760 3277		Purchase Order: 90125.S		Quote/Bottle Order:	
Invoice Address (Required): SAME		ANALYSIS REQUESTED SEE ATTACHED		Contact ELI prior to RUSH for charges and scheduling - See Instruction Page		Shipped by: Fedex	
☐ No Hard Copy Email:		Sample Type: A W S V B O DW Vegetation Bioassay Other DW - Drinking Water		Comments: R U S H		Cooler ID(s): 2995	
Special Report/Formats: ☐ DW ☐ POTWW/WTP ☐ State: ☐ Other:		MATRIX 1A		Receipt Temp N/A °C		On Ice: ☒ Y ☐ N	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time		Custody Seal On Bottle On Cooler Intact Signature Match	
1 90125-WB.1/13		1/23/13		16:00		Y	
2						N	
3						N	
4						N	
5						N	
6						N	
7						N	
8						N	
9						N	
10						N	
Custody Record MUST be Signed		Relinquished by (print): Rick Deuel		Date/Time: 1/23/13 16:00		Signature: [Signature]	
Sample Disposal:		Return to Client:		Received by (print): [Signature]		Date/Time: 1-24-13 9:36	
Lab Disposal:		Return to Client:		Received by (print): [Signature]		Date/Time: 1-24-13 9:36	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.enervlab.com for additional information, downloadable fee schedule, forms, and links.

APRIL 2013 DATA

ANALYTICAL SUMMARY REPORT

April 29, 2013

Deuell Environmental LLC
1653 Diamond Head Ct
Laramie, WY 82072

Workorder No.: C13040638

Project Name: 90125 Artesia

Energy Laboratories, Inc. Casper WY received the following 26 samples for Deuell Environmental LLC on 4/19/2013 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C13040638-001	90125-20.4/13	04/16/13 7:00	04/19/13	Aqueous	SW8260B VOCs, Standard List
C13040638-002	90125-28.4/13	04/16/13 7:30	04/19/13	Aqueous	Same As Above
C13040638-003	90125-29.4/13	04/16/13 8:00	04/19/13	Aqueous	Same As Above
C13040638-004	90125-30.4/13	04/16/13 8:30	04/19/13	Aqueous	Same As Above
C13040638-005	90125-Tank B.4/13	04/16/13 8:45	04/19/13	Aqueous	Same As Above
C13040638-006	90125-32.4/13	04/16/13 9:00	04/19/13	Aqueous	Same As Above
C13040638-007	90125-33.4/13	04/16/13 9:30	04/19/13	Aqueous	Same As Above
C13040638-008	90125-26. 4/13	04/16/13 10:00	04/19/13	Aqueous	Same As Above
C13040638-009	90125-27.4/13	04/16/13 10:30	04/19/13	Aqueous	Same As Above
C13040638-010	90125-22.4/13	04/16/13 11:00	04/19/13	Aqueous	Same As Above
C13040638-011	90125-25.4/13	04/16/13 11:30	04/19/13	Aqueous	Same As Above
C13040638-012	90125-21.4/13	04/16/13 12:00	04/19/13	Aqueous	Same As Above
C13040638-013	90125-31.4/13	04/16/13 12:30	04/19/13	Aqueous	Same As Above
C13040638-014	90125-18.4/13	04/16/13 13:00	04/19/13	Aqueous	Same As Above
C13040638-015	90125-11.4/13	04/16/13 13:30	04/19/13	Aqueous	Same As Above
C13040638-016	90125-8.4/13	04/16/13 14:00	04/19/13	Aqueous	Same As Above
C13040638-017	90125-Tank A.4/14	04/17/13 7:00	04/19/13	Aqueous	Same As Above
C13040638-018	90125-13.4/13	04/17/13 8:30	04/19/13	Aqueous	Same As Above
C13040638-019	90125-15.4/13	04/17/13 9:00	04/19/13	Aqueous	Same As Above
C13040638-020	90125-9.4/13	04/17/13 9:30	04/19/13	Aqueous	Same As Above
C13040638-021	90125-12.4/13	04/17/13 10:00	04/19/13	Aqueous	Same As Above
C13040638-022	90125-A.4/13	04/16/13 6:30	04/19/13	Aqueous	Same As Above
C13040638-023	90125-B.4/13	04/16/13 6:00	04/19/13	Aqueous	Same As Above
C13040638-024	90125-6.4/13	04/17/13 6:30	04/19/13	Aqueous	Same As Above
C13040638-025	Trip Blank 7305	04/17/13 0:00	04/19/13	Aqueous	Same As Above
C13040638-026	Temp Blank		04/19/13	Aqueous	Temperature

ANALYTICAL SUMMARY REPORT

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:


Report Proofing Specialist

Digitally signed by
Sheri M. Mead
Date: 2013.04.29 14:46:48 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-001
Client Sample ID 90125-20.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 07:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1-Dichloroethane	14	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1-Dichloroethene	3.6	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
cis-1,2-Dichloroethene	2.6	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-001
Client Sample ID 90125-20.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 07:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 15:22 / jk
Methyl tert-butyl ether (MTBE)	3.8	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Tetrachloroethene	3.4	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Trichloroethene	3.6	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 15:22 / jk
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	04/19/13 15:22 / jk
Surr: Dibromofluoromethane	109	%REC		70-130		SW8260B	04/19/13 15:22 / jk
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	04/19/13 15:22 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/19/13 15:22 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-002
Client Sample ID 90125-28.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 07:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1-Dichloroethane	12	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1-Dichloroethene	27	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-002
Client Sample ID 90125-28.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 07:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 15:57 / jk
Methyl tert-butyl ether (MTBE)	2.1	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Tetrachloroethene	22	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Trichloroethene	7.2	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 15:57 / jk
Surr: 1,2-Dichlorobenzene-d4	113	%REC		80-120		SW8260B	04/19/13 15:57 / jk
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	04/19/13 15:57 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/19/13 15:57 / jk
Surr: Toluene-d8	109	%REC		80-120		SW8260B	04/19/13 15:57 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-003
Client Sample ID 90125-29.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1-Dichloroethane	1.0	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1-Dichloroethene	7.3	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-003
Client Sample ID 90125-29.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Methyl ethyl ketone	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Tetrachloroethene	2.8	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 16:32 / jk
Surr: 1,2-Dichlorobenzene-d4	115	%REC		80-120		SW8260B	04/19/13 16:32 / jk
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	04/19/13 16:32 / jk
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	04/19/13 16:32 / jk
Surr: Toluene-d8	108	%REC		80-120		SW8260B	04/19/13 16:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-004
Client Sample ID 90125-30.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1-Dichloroethane	9.3	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1-Dichloroethene	32	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-004
Client Sample ID 90125-30.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 17:07 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Tetrachloroethene	32	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Trichloroethene	7.2	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 17:07 / jk
Surr: 1,2-Dichlorobenzene-d4	109	%REC		80-120		SW8260B	04/19/13 17:07 / jk
Surr: Dibromofluoromethane	103	%REC		70-130		SW8260B	04/19/13 17:07 / jk
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	04/19/13 17:07 / jk
Surr: Toluene-d8	111	%REC		80-120		SW8260B	04/19/13 17:07 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-005
Client Sample ID 90125-Tank B.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:45
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-005
Client Sample ID 90125-Tank B.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 08:45
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Methyl ethyl ketone	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 21:51 / jk
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	04/19/13 21:51 / jk
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	04/19/13 21:51 / jk
Surr: p-Bromofluorobenzene	116	%REC		80-120		SW8260B	04/19/13 21:51 / jk
Surr: Toluene-d8	109	%REC		80-120		SW8260B	04/19/13 21:51 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-006
Client Sample ID 90125-32.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 09:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1-Dichloroethane	1.9	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1-Dichloroethene	9.3	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-006
Client Sample ID 90125-32.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 09:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 22:26 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Tetrachloroethene	8.0	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Trichloroethene	1.6	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 22:26 / jk
Surr: 1,2-Dichlorobenzene-d4	113	%REC		80-120		SW8260B	04/19/13 22:26 / jk
Surr: Dibromofluoromethane	113	%REC		70-130		SW8260B	04/19/13 22:26 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/19/13 22:26 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/19/13 22:26 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-007
Client Sample ID 90125-33.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 09:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-007
Client Sample ID 90125-33.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 09:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 23:02 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 23:02 / jk
Surr: 1,2-Dichlorobenzene-d4	116	%REC		80-120		SW8260B	04/19/13 23:02 / jk
Surr: Dibromofluoromethane	113	%REC		70-130		SW8260B	04/19/13 23:02 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/19/13 23:02 / jk
Surr: Toluene-d8	111	%REC		80-120		SW8260B	04/19/13 23:02 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-008
Client Sample ID 90125-26. 4/13

Report Date: 04/29/13
Collection Date: 04/16/13 10:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1-Dichloroethene	1.7	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-008
Client Sample ID 90125-26. 4/13

Report Date: 04/29/13
Collection Date: 04/16/13 10:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/19/13 23:37 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 23:37 / jk
Surr: 1,2-Dichlorobenzene-d4	116	%REC		80-120		SW8260B	04/19/13 23:37 / jk
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	04/19/13 23:37 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/19/13 23:37 / jk
Surr: Toluene-d8	109	%REC		80-120		SW8260B	04/19/13 23:37 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-009
Client Sample ID 90125-27.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 10:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-009
Client Sample ID 90125-27.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 10:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/20/13 00:13 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/20/13 00:13 / jk
Surr: 1,2-Dichlorobenzene-d4	115	%REC		80-120		SW8260B	04/20/13 00:13 / jk
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	04/20/13 00:13 / jk
Surr: p-Bromofluorobenzene	116	%REC		80-120		SW8260B	04/20/13 00:13 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/20/13 00:13 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-010
Client Sample ID 90125-22.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 11:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1-Dichloroethane	6.7	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1-Dichloroethene	18	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-010
Client Sample ID 90125-22.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 11:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/20/13 00:49 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Tetrachloroethene	15	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Trichloroethene	5.4	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/20/13 00:49 / jk
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	04/20/13 00:49 / jk
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	04/20/13 00:49 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/20/13 00:49 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/20/13 00:49 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-011
Client Sample ID 90125-25.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 11:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1-Dichloroethane	9.6	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1-Dichloroethene	33	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-011
Client Sample ID 90125-25.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 11:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/20/13 01:24 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Tetrachloroethene	30	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Trichloroethene	6.8	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/20/13 01:24 / jk
Surr: 1,2-Dichlorobenzene-d4	116	%REC		80-120		SW8260B	04/20/13 01:24 / jk
Surr: Dibromofluoromethane	117	%REC		70-130		SW8260B	04/20/13 01:24 / jk
Surr: p-Bromofluorobenzene	118	%REC		80-120		SW8260B	04/20/13 01:24 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/20/13 01:24 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-012
Client Sample ID 90125-21.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 12:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1-Dichloroethane	3.8	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1-Dichloroethene	5.6	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-012
Client Sample ID 90125-21.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 12:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Methyl ethyl ketone	ND	ug/L		20		SW8260B	04/19/13 17:43 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Tetrachloroethene	2.2	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/19/13 17:43 / jk
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	04/19/13 17:43 / jk
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	04/19/13 17:43 / jk
Surr: p-Bromofluorobenzene	117	%REC		80-120		SW8260B	04/19/13 17:43 / jk
Surr: Toluene-d8	109	%REC		80-120		SW8260B	04/19/13 17:43 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-013
Client Sample ID 90125-31.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 12:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-013
Client Sample ID 90125-31.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 12:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/22/13 22:32 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/22/13 22:32 / jk
Surr: 1,2-Dichlorobenzene-d4	118	%REC		80-120		SW8260B	04/22/13 22:32 / jk
Surr: Dibromofluoromethane	123	%REC		70-130		SW8260B	04/22/13 22:32 / jk
Surr: p-Bromofluorobenzene	115	%REC		80-120		SW8260B	04/22/13 22:32 / jk
Surr: Toluene-d8	106	%REC		80-120		SW8260B	04/22/13 22:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-014
Client Sample ID 90125-18.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 13:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1-Dichloroethane	2.6	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1-Dichloroethene	12	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-014
Client Sample ID 90125-18.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 13:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/22/13 23:08 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Tetrachloroethene	9.0	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Trichloroethene	1.2	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/22/13 23:08 / jk
Surr: 1,2-Dichlorobenzene-d4	116	%REC		80-120		SW8260B	04/22/13 23:08 / jk
Surr: Dibromofluoromethane	114	%REC		70-130		SW8260B	04/22/13 23:08 / jk
Surr: p-Bromofluorobenzene	115	%REC		80-120		SW8260B	04/22/13 23:08 / jk
Surr: Toluene-d8	109	%REC		80-120		SW8260B	04/22/13 23:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-015
Client Sample ID 90125-11.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 13:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1-Dichloroethane	4.2	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1-Dichloroethene	1.2	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-015
Client Sample ID 90125-11.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 13:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/22/13 23:43 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Tetrachloroethene	2.5	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Trichloroethene	1.2	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/22/13 23:43 / jk
Surr: 1,2-Dichlorobenzene-d4	116	%REC		80-120		SW8260B	04/22/13 23:43 / jk
Surr: Dibromofluoromethane	118	%REC		70-130		SW8260B	04/22/13 23:43 / jk
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	04/22/13 23:43 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/22/13 23:43 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-016
Client Sample ID 90125-8.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 14:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1-Dichloroethane	2.6	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1-Dichloroethene	2.1	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-016
Client Sample ID 90125-8.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 14:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Methyl ethyl ketone	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Tetrachloroethene	1.5	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Trichloroethene	1.1	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 00:19 / jk
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	04/23/13 00:19 / jk
Surr: Dibromofluoromethane	115	%REC		70-130		SW8260B	04/23/13 00:19 / jk
Surr: p-Bromofluorobenzene	116	%REC		80-120		SW8260B	04/23/13 00:19 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/23/13 00:19 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-017
Client Sample ID 90125-Tank A.4/14

Report Date: 04/29/13
Collection Date: 04/17/13 07:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-017
Client Sample ID 90125-Tank A.4/14

Report Date: 04/29/13
Collection Date: 04/17/13 07:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Methyl ethyl ketone	ND	ug/L		20		SW8260B	04/23/13 05:08 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 05:08 / jk
Surr: 1,2-Dichlorobenzene-d4	111	%REC		80-120		SW8260B	04/23/13 05:08 / jk
Surr: Dibromofluoromethane	103	%REC		70-130		SW8260B	04/23/13 05:08 / jk
Surr: p-Bromofluorobenzene	108	%REC		80-120		SW8260B	04/23/13 05:08 / jk
Surr: Toluene-d8	108	%REC		80-120		SW8260B	04/23/13 05:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-018
Client Sample ID 90125-13.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 08:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-018
Client Sample ID 90125-13.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 08:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/23/13 00:56 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 00:56 / jk
Surr: 1,2-Dichlorobenzene-d4	115	%REC		80-120		SW8260B	04/23/13 00:56 / jk
Surr: Dibromofluoromethane	116	%REC		70-130		SW8260B	04/23/13 00:56 / jk
Surr: p-Bromofluorobenzene	115	%REC		80-120		SW8260B	04/23/13 00:56 / jk
Surr: Toluene-d8	112	%REC		80-120		SW8260B	04/23/13 00:56 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-019
Client Sample ID 90125-15.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 09:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
cis-1,2-Dichloroethene	9.6	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-019
Client Sample ID 90125-15.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 09:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/23/13 01:32 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Trichloroethene	54	ug/L		2.5		SW8260B	04/23/13 20:56 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 01:32 / jk
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	04/23/13 01:32 / jk
Surr: Dibromofluoromethane	115	%REC		70-130		SW8260B	04/23/13 01:32 / jk
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	04/23/13 01:32 / jk
Surr: Toluene-d8	112	%REC		80-120		SW8260B	04/23/13 01:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-020
Client Sample ID 90125-9.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 09:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
cis-1,2-Dichloroethene	2.2	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-020
Client Sample ID 90125-9.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 09:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/23/13 02:08 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Trichloroethene	16	ug/L		1.0		SW8260B	04/23/13 15:01 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 02:08 / jk
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	04/23/13 02:08 / jk
Surr: Dibromofluoromethane	118	%REC		70-130		SW8260B	04/23/13 02:08 / jk
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	04/23/13 02:08 / jk
Surr: Toluene-d8	111	%REC		80-120		SW8260B	04/23/13 02:08 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-021
Client Sample ID 90125-12.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 10:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,1-Dichloroethane	50	ug/L		5.0		SW8260B	04/25/13 05:04 / jk
1,1-Dichloroethene	4.1	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2,4-Trimethylbenzene	410	ug/L		5.0		SW8260B	04/25/13 05:04 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Benzene	15	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
cis-1,2-Dichloroethene	59	ug/L		50		SW8260B	04/23/13 19:44 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Ethylbenzene	400	ug/L		50		SW8260B	04/23/13 19:44 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Isopropylbenzene	190	ug/L		50		SW8260B	04/23/13 19:44 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-021
Client Sample ID 90125-12.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 10:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	93	ug/L		5.0		SW8260B	04/25/13 05:04 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/23/13 02:44 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
n-Propylbenzene	270	ug/L		50		SW8260B	04/23/13 19:44 / jk
Naphthalene	120	ug/L		50		SW8260B	04/23/13 19:44 / jk
o-Xylene	1.9	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
p-Isopropyltoluene	2.3	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
sec-Butylbenzene	12	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Tetrachloroethene	1.7	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Trichloroethene	4.5	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Xylenes, Total	93	ug/L		1.0		SW8260B	04/23/13 02:44 / jk
Surr: 1,2-Dichlorobenzene-d4	136	%REC	S	80-120		SW8260B	04/23/13 02:44 / jk
Surr: Dibromofluoromethane	110	%REC		70-130		SW8260B	04/23/13 02:44 / jk
Surr: p-Bromofluorobenzene	100	%REC		80-120		SW8260B	04/23/13 02:44 / jk
Surr: Toluene-d8	119	%REC		80-120		SW8260B	04/23/13 02:44 / jk

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-022
Client Sample ID 90125-A.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 06:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1-Dichloroethane	1.7	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1-Dichloroethene	8.1	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-022
Client Sample ID 90125-A.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 06:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Methyl ethyl ketone	ND	ug/L		20		SW8260B	04/23/13 14:26 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Tetrachloroethene	7.3	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Trichloroethene	1.3	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 14:26 / jk
Surr: 1,2-Dichlorobenzene-d4	115	%REC		80-120		SW8260B	04/23/13 14:26 / jk
Surr: Dibromofluoromethane	108	%REC		70-130		SW8260B	04/23/13 14:26 / jk
Surr: p-Bromofluorobenzene	116	%REC		80-120		SW8260B	04/23/13 14:26 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/23/13 14:26 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-023
Client Sample ID 90125-B.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 06:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1-Dichloroethane	3.9	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1-Dichloroethene	5.5	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-023
Client Sample ID 90125-B.4/13

Report Date: 04/29/13
Collection Date: 04/16/13 06:00
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Methyl ethyl ketone	ND	ug/L		20		SW8260B	04/23/13 13:50 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Tetrachloroethene	1.9	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 13:50 / jk
Surr: 1,2-Dichlorobenzene-d4	114	%REC		80-120		SW8260B	04/23/13 13:50 / jk
Surr: Dibromofluoromethane	112	%REC		70-130		SW8260B	04/23/13 13:50 / jk
Surr: p-Bromofluorobenzene	115	%REC		80-120		SW8260B	04/23/13 13:50 / jk
Surr: Toluene-d8	108	%REC		80-120		SW8260B	04/23/13 13:50 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-024
Client Sample ID 90125-6.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 06:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
cis-1,2-Dichloroethene	9.4	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-024
Client Sample ID 90125-6.4/13

Report Date: 04/29/13
Collection Date: 04/17/13 06:30
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/23/13 04:32 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Trichloroethene	54	ug/L		2.5		SW8260B	04/23/13 20:20 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/23/13 04:32 / jk
Surr: 1,2-Dichlorobenzene-d4	110	%REC		80-120		SW8260B	04/23/13 04:32 / jk
Surr: Dibromofluoromethane	111	%REC		70-130		SW8260B	04/23/13 04:32 / jk
Surr: p-Bromofluorobenzene	107	%REC		80-120		SW8260B	04/23/13 04:32 / jk
Surr: Toluene-d8	110	%REC		80-120		SW8260B	04/23/13 04:32 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-025
Client Sample ID Trip Blank 7305

Report Date: 04/29/13
Collection Date: 04/17/13
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,1-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2,3-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2,4-Trichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,3-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,3-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
2,2-Dichloropropane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
2-Chloroethyl vinyl ether	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
2-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
4-Chlorotoluene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Benzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Bromobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Bromochloromethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Bromodichloromethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Bromoform	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Bromomethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Chlorobenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Chloroethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Chloroform	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Chloromethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Dibromomethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Ethylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Hexachlorobutadiene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Isopropylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-025
Client Sample ID Trip Blank 7305

Report Date: 04/29/13
Collection Date: 04/17/13
Date Received: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Methyl ethyl ketone	ND	ug/L		10		SW8260B	04/22/13 14:50 / jk
Methyl tert-butyl ether (MTBE)	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Methylene chloride	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
n-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
n-Propylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Naphthalene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
o-Xylene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
p-Isopropyltoluene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
sec-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Styrene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
tert-Butylbenzene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Tetrachloroethene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Toluene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Trichloroethene	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Vinyl chloride	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Xylenes, Total	ND	ug/L		1.0		SW8260B	04/22/13 14:50 / jk
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	04/22/13 14:50 / jk
Surr: Dibromofluoromethane	101	%REC		70-130		SW8260B	04/22/13 14:50 / jk
Surr: p-Bromofluorobenzene	113	%REC		80-120		SW8260B	04/22/13 14:50 / jk
Surr: Toluene-d8	106	%REC		80-120		SW8260B	04/22/13 14:50 / jk

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040638-026
Client Sample ID Temp Blank

Report Date: 04/29/13
Collection Date: Not Provided
DateReceived: 04/19/13
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Temperature	2.7	°C				E170.1	04/24/13 09:53 / smm

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172698	
Sample ID: 19-Apr-13 LCS_4			67 Laboratory Control Sample			Run: 5975VOC1_130419A			04/19/13 09:45	
1,1,1,2-Tetrachloroethane		9.9	ug/L	1.0	99	70	130			
1,1,1-Trichloroethane		9.0	ug/L	1.0	90	70	130			
1,1,2,2-Tetrachloroethane		10	ug/L	1.0	102	70	130			
1,1,2-Trichloroethane		10	ug/L	1.0	104	70	130			
1,1-Dichloroethane		11	ug/L	1.0	106	70	130			
1,1-Dichloroethene		8.4	ug/L	1.0	84	70	130			
1,1-Dichloropropene		10	ug/L	1.0	102	70	130			
1,2,3-Trichlorobenzene		11	ug/L	1.0	109	70	130			
1,2,3-Trichloropropane		10	ug/L	1.0	101	70	130			
1,2,4-Trichlorobenzene		11	ug/L	1.0	112	70	130			
1,2,4-Trimethylbenzene		10	ug/L	1.0	103	70	130			
1,2-Dibromo-3-chloropropane		9.1	ug/L	1.0	91	70	130			
1,2-Dibromoethane		10	ug/L	1.0	102	70	130			
1,2-Dichlorobenzene		10.0	ug/L	1.0	100	70	130			
1,2-Dichloroethane		8.6	ug/L	1.0	86	70	130			
1,2-Dichloropropane		11	ug/L	1.0	106	70	130			
1,3,5-Trimethylbenzene		10	ug/L	1.0	104	70	130			
1,3-Dichlorobenzene		10	ug/L	1.0	101	70	130			
1,3-Dichloropropane		10	ug/L	1.0	104	70	130			
1,4-Dichlorobenzene		10	ug/L	1.0	102	70	130			
2,2-Dichloropropane		10	ug/L	1.0	102	60	140			
2-Chloroethyl vinyl ether		11	ug/L	1.0	108	70	130			
2-Chlorotoluene		9.9	ug/L	1.0	99	70	130			
4-Chlorotoluene		10	ug/L	1.0	102	70	130			
Benzene		11	ug/L	1.0	106	70	130			
Bromobenzene		11	ug/L	1.0	105	70	130			
Bromochloromethane		10	ug/L	1.0	104	70	130			
Bromodichloromethane		8.8	ug/L	1.0	88	70	130			
Bromoform		9.8	ug/L	1.0	98	70	130			
Bromomethane		14	ug/L	1.0	144	70	130			S
Carbon tetrachloride		8.8	ug/L	1.0	88	70	130			
Chlorobenzene		9.9	ug/L	1.0	99	70	130			
Chlorodibromomethane		9.4	ug/L	1.0	94	70	130			
Chloroethane		9.7	ug/L	1.0	97	70	130			
Chloroform		9.2	ug/L	1.0	92	70	130			
Chloromethane		11	ug/L	1.0	105	70	130			
cis-1,2-Dichloroethene		10.0	ug/L	1.0	100	70	130			
cis-1,3-Dichloropropene		10	ug/L	1.0	104	70	130			
Dibromomethane		9.7	ug/L	1.0	97	70	130			
Dichlorodifluoromethane		6.0	ug/L	1.0	60	70	130			S
Ethylbenzene		10	ug/L	1.0	100	70	130			
Hexachlorobutadiene		11	ug/L	1.0	106	70	130			
Isopropylbenzene		10	ug/L	1.0	100	70	130			
m+p-Xylenes		20	ug/L	1.0	98	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: 19-Apr-13_LCS_4	67	Laboratory Control Sample				Run: 5975VOC1_130419A				04/19/13 09:45
Methyl ethyl ketone		99	ug/L	10	99	70	130			
Methyl tert-butyl ether (MTBE)		10	ug/L	1.0	102	70	130			
Methylene chloride		8.6	ug/L	1.0	86	70	130			
n-Butylbenzene		11	ug/L	1.0	105	70	130			
n-Propylbenzene		9.8	ug/L	1.0	98	70	130			
Naphthalene		12	ug/L	1.0	119	70	130			
o-Xylene		9.6	ug/L	1.0	96	70	130			
p-Isopropyltoluene		11	ug/L	1.0	115	70	130			
sec-Butylbenzene		9.8	ug/L	1.0	98	70	130			
Styrene		11	ug/L	1.0	107	70	130			
tert-Butylbenzene		10	ug/L	1.0	104	70	130			
Tetrachloroethene		10	ug/L	1.0	103	70	130			
Toluene		10	ug/L	1.0	100	70	130			
trans-1,2-Dichloroethene		11	ug/L	1.0	110	70	130			
trans-1,3-Dichloropropene		11	ug/L	1.0	108	70	130			
Trichloroethene		10	ug/L	1.0	100	70	130			
Trichlorofluoromethane		7.4	ug/L	1.0	74	70	130			
Vinyl chloride		8.1	ug/L	1.0	81	70	130			
Xylenes, Total		29	ug/L	1.0	98	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120			
Surr: Dibromofluoromethane				1.0	91	70	130			
Surr: p-Bromofluorobenzene				1.0	103	80	130			
Surr: Toluene-d8				1.0	112	80	120			
Sample ID: 19-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130419A				04/19/13 10:56
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: 19-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130419A				04/19/13 10:56
1,4-Dichlorobenzene		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	10						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methylene chloride		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: 19-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130419A				04/19/13 10:56
Surr: 1,2-Dichlorobenzene-d4				1.0	112	80	120			
Surr: Dibromofluoromethane				1.0	96	70	130			
Surr: p-Bromofluorobenzene				1.0	111	80	120			
Surr: Toluene-d8				1.0	106	80	120			
Sample ID: C13040638-012AMS	67	Sample Matrix Spike				Run: 5975VOC1_130419A				04/19/13 18:54
1,1,1,2-Tetrachloroethane		210	ug/L	10	106	70	130			
1,1,1-Trichloroethane		230	ug/L	10	115	70	130			
1,1,2,2-Tetrachloroethane		210	ug/L	10	106	70	130			
1,1,2-Trichloroethane		210	ug/L	10	103	70	130			
1,1-Dichloroethane		240	ug/L	10	122	70	130			
1,1-Dichloroethene		220	ug/L	10	108	70	130			
1,1-Dichloropropene		220	ug/L	10	112	70	130			
1,2,3-Trichlorobenzene		200	ug/L	10	102	70	130			
1,2,3-Trichloropropane		210	ug/L	10	107	70	130			
1,2,4-Trichlorobenzene		190	ug/L	10	96	70	130			
1,2,4-Trimethylbenzene		210	ug/L	10	105	70	130			
1,2-Dibromo-3-chloropropane		210	ug/L	10	105	70	130			
1,2-Dibromoethane		210	ug/L	10	103	70	130			
1,2-Dichlorobenzene		210	ug/L	10	103	70	130			
1,2-Dichloroethane		220	ug/L	10	110	70	130			
1,2-Dichloropropane		220	ug/L	10	109	70	130			
1,3,5-Trimethylbenzene		210	ug/L	10	105	70	130			
1,3-Dichlorobenzene		200	ug/L	10	100	70	130			
1,3-Dichloropropane		220	ug/L	10	108	70	130			
1,4-Dichlorobenzene		210	ug/L	10	103	70	130			
2,2-Dichloropropane		240	ug/L	10	120	70	130			
2-Chloroethyl vinyl ether		26	ug/L	10	13	70	130			S
2-Chlorotoluene		190	ug/L	10	96	70	130			
4-Chlorotoluene		200	ug/L	10	98	70	130			
Benzene		220	ug/L	10	108	70	130			
Bromobenzene		210	ug/L	10	103	70	130			
Bromochloromethane		240	ug/L	10	118	70	130			
Bromodichloromethane		220	ug/L	10	108	70	130			
Bromoform		210	ug/L	10	104	70	130			
Bromomethane		280	ug/L	10	142	70	130			S
Carbon tetrachloride		230	ug/L	10	115	70	130			
Chlorobenzene		200	ug/L	10	98	70	130			
Chlorodibromomethane		210	ug/L	10	104	70	130			
Chloroethane		230	ug/L	10	117	70	130			
Chloroform		240	ug/L	10	120	70	130			
Chloromethane		180	ug/L	10	90	70	130			
cis-1,2-Dichloroethene		220	ug/L	10	112	70	130			
cis-1,3-Dichloropropene		220	ug/L	10	108	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: C13040638-012AMS 67 Sample Matrix Spike										Run: 5975VOC1_130419A 04/19/13 18:54
Dibromomethane		230	ug/L	10	113	70	130			
Dichlorodifluoromethane		120	ug/L	10	60	70	130			S
Ethylbenzene		200	ug/L	10	99	70	130			
Hexachlorobutadiene		210	ug/L	10	105	70	130			
Isopropylbenzene		200	ug/L	10	98	70	130			
m+p-Xylenes		390	ug/L	10	97	70	130			
Methyl ethyl ketone		2000	ug/L	200	100	70	130			
Methyl tert-butyl ether (MTBE)		230	ug/L	10	114	70	130			
Methylene chloride		220	ug/L	10	111	70	130			
n-Butylbenzene		210	ug/L	10	106	70	130			
n-Propylbenzene		190	ug/L	10	96	70	130			
Naphthalene		210	ug/L	10	103	70	130			
o-Xylene		200	ug/L	10	98	70	130			
p-Isopropyltoluene		230	ug/L	10	114	70	130			
sec-Butylbenzene		190	ug/L	10	97	70	130			
Styrene		210	ug/L	10	106	70	130			
tert-Butylbenzene		210	ug/L	10	103	70	130			
Tetrachloroethene		200	ug/L	10	100	70	130			
Toluene		200	ug/L	10	98	70	130			
trans-1,2-Dichloroethene		220	ug/L	10	108	70	130			
trans-1,3-Dichloropropene		230	ug/L	10	117	70	130			
Trichloroethene		200	ug/L	10	101	70	130			
Trichlorofluoromethane		200	ug/L	10	98	70	130			
Vinyl chloride		180	ug/L	10	91	70	130			
Xylenes, Total		590	ug/L	10	98	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	108	80	120			
Surr: Dibromofluoromethane				1.0	112	70	130			
Surr: p-Bromofluorobenzene				1.0	106	80	120			
Surr: Toluene-d8				1.0	117	80	120			
Sample ID: C13040638-012AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130419A 04/19/13 19:29
1,1,1,2-Tetrachloroethane		190	ug/L	10	93	70	130	14	20	
1,1,1-Trichloroethane		190	ug/L	10	97	70	130	17	20	
1,1,2,2-Tetrachloroethane		180	ug/L	10	88	70	130	18	20	
1,1,2-Trichloroethane		180	ug/L	10	92	70	130	12	20	
1,1-Dichloroethane		210	ug/L	10	105	70	130	14	20	
1,1-Dichloroethene		190	ug/L	10	94	70	130	13	20	
1,1-Dichloropropene		200	ug/L	10	99	70	130	12	20	
1,2,3-Trichlorobenzene		190	ug/L	10	96	70	130	5.7	20	
1,2,3-Trichloropropane		190	ug/L	10	93	70	130	14	20	
1,2,4-Trichlorobenzene		180	ug/L	10	91	70	130	6.0	20	
1,2,4-Trimethylbenzene		190	ug/L	10	94	70	130	12	20	
1,2-Dibromo-3-chloropropane		180	ug/L	10	88	70	130	17	20	
1,2-Dibromoethane		180	ug/L	10	92	70	130	11	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: C13040638-012AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130419A 04/19/13 19:29
1,2-Dichlorobenzene		180	ug/L	10	89	70	130	15	20	
1,2-Dichloroethane		180	ug/L	10	92	70	130	18	20	
1,2-Dichloropropane		190	ug/L	10	94	70	130	14	20	
1,3,5-Trimethylbenzene		190	ug/L	10	94	70	130	12	20	
1,3-Dichlorobenzene		180	ug/L	10	88	70	130	14	20	
1,3-Dichloropropane		190	ug/L	10	93	70	130	14	20	
1,4-Dichlorobenzene		180	ug/L	10	90	70	130	13	20	
2,2-Dichloropropane		200	ug/L	10	100	70	130	18	20	
2-Chloroethyl vinyl ether		19	ug/L	10	9	70	130	31	20	SR
2-Chlorotoluene		170	ug/L	10	87	70	130	10	20	
4-Chlorotoluene		180	ug/L	10	88	70	130	11	20	
Benzene		190	ug/L	10	95	70	130	12	20	
Bromobenzene		180	ug/L	10	91	70	130	12	20	
Bromochloromethane		200	ug/L	10	98	70	130	19	20	
Bromodichloromethane		180	ug/L	10	91	70	130	17	20	
Bromoform		180	ug/L	10	89	70	130	16	20	
Bromomethane		280	ug/L	10	142	70	130	0.3	20	S
Carbon tetrachloride		190	ug/L	10	97	70	130	17	20	
Chlorobenzene		180	ug/L	10	88	70	130	11	20	
Chlorodibromomethane		180	ug/L	10	90	70	130	15	20	
Chloroethane		210	ug/L	10	104	70	130	11	20	
Chloroform		200	ug/L	10	98	70	130	19	20	
Chloromethane		190	ug/L	10	94	70	130	4.8	20	
cis-1,2-Dichloroethene		190	ug/L	10	96	70	130	15	20	
cis-1,3-Dichloropropene		190	ug/L	10	94	70	130	14	20	
Dibromomethane		190	ug/L	10	95	70	130	17	20	
Dichlorodifluoromethane		110	ug/L	10	56	70	130	6.2	20	S
Ethylbenzene		180	ug/L	10	91	70	130	8.0	20	
Hexachlorobutadiene		190	ug/L	10	96	70	130	9.2	20	
Isopropylbenzene		180	ug/L	10	88	70	130	9.9	20	
m+p-Xylenes		350	ug/L	10	88	70	130	9.7	20	
Methyl ethyl ketone		1800	ug/L	200	91	70	130	9.6	20	
Methyl tert-butyl ether (MTBE)		190	ug/L	10	97	70	130	16	20	
Methylene chloride		190	ug/L	10	94	70	130	17	20	
n-Butylbenzene		190	ug/L	10	94	70	130	12	20	
n-Propylbenzene		180	ug/L	10	88	70	130	9.6	20	
Naphthalene		190	ug/L	10	94	70	130	9.8	20	
o-Xylene		180	ug/L	10	89	70	130	9.4	20	
p-Isopropyltoluene		200	ug/L	10	101	70	130	12	20	
sec-Butylbenzene		170	ug/L	10	87	70	130	11	20	
Styrene		190	ug/L	10	96	70	130	9.9	20	
tert-Butylbenzene		190	ug/L	10	93	70	130	10	20	
Tetrachloroethene		180	ug/L	10	91	70	130	8.8	20	
Toluene		180	ug/L	10	88	70	130	10	20	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172698
Sample ID: C13040638-012AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130419A 04/19/13 19:29
trans-1,2-Dichloroethene		200	ug/L	10	98	70	130	9.7	20	
trans-1,3-Dichloropropene		200	ug/L	10	102	70	130	14	20	
Trichloroethene		180	ug/L	10	90	70	130	11	20	
Trichlorofluoromethane		170	ug/L	10	86	70	130	14	20	
Vinyl chloride		170	ug/L	10	84	70	130	8.2	20	
Xylenes, Total		530	ug/L	10	89	70	130	9.6	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	103	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	102	70	130	0.0	10	
Surr: p-Bromofluorobenzene				1.0	105	80	120	0.0	10	
Surr: Toluene-d8				1.0	116	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172735	
Sample ID: 22-Apr-13 LCS_4			67 Laboratory Control Sample			Run: 5975VOC1_130422A			04/22/13 12:28	
1,1,1,2-Tetrachloroethane		11	ug/L	1.0	105	70	130			
1,1,1-Trichloroethane		10	ug/L	1.0	104	70	130			
1,1,2,2-Tetrachloroethane		11	ug/L	1.0	107	70	130			
1,1,2-Trichloroethane		11	ug/L	1.0	108	70	130			
1,1-Dichloroethane		12	ug/L	1.0	117	70	130			
1,1-Dichloroethene		9.7	ug/L	1.0	97	70	130			
1,1-Dichloropropene		11	ug/L	1.0	111	70	130			
1,2,3-Trichlorobenzene		10	ug/L	1.0	104	70	130			
1,2,3-Trichloropropane		10	ug/L	1.0	105	70	130			
1,2,4-Trichlorobenzene		10	ug/L	1.0	105	70	130			
1,2,4-Trimethylbenzene		11	ug/L	1.0	109	70	130			
1,2-Dibromo-3-chloropropane		9.0	ug/L	1.0	90	70	130			
1,2-Dibromoethane		11	ug/L	1.0	106	70	130			
1,2-Dichlorobenzene		10	ug/L	1.0	104	70	130			
1,2-Dichloroethane		9.5	ug/L	1.0	95	70	130			
1,2-Dichloropropane		11	ug/L	1.0	114	70	130			
1,3,5-Trimethylbenzene		11	ug/L	1.0	110	70	130			
1,3-Dichlorobenzene		11	ug/L	1.0	106	70	130			
1,3-Dichloropropane		10	ug/L	1.0	105	70	130			
1,4-Dichlorobenzene		11	ug/L	1.0	109	70	130			
2,2-Dichloropropane		12	ug/L	1.0	118	60	140			
2-Chloroethyl vinyl ether		11	ug/L	1.0	112	70	130			
2-Chlorotoluene		10	ug/L	1.0	104	70	130			
4-Chlorotoluene		11	ug/L	1.0	106	70	130			
Benzene		12	ug/L	1.0	116	70	130			
Bromobenzene		11	ug/L	1.0	109	70	130			
Bromochloromethane		11	ug/L	1.0	114	70	130			
Bromodichloromethane		9.8	ug/L	1.0	98	70	130			
Bromoform		10	ug/L	1.0	105	70	130			
Bromomethane		11	ug/L	1.0	112	70	130			
Carbon tetrachloride		10	ug/L	1.0	102	70	130			
Chlorobenzene		11	ug/L	1.0	105	70	130			
Chlorodibromomethane		9.9	ug/L	1.0	99	70	130			
Chloroethane		10	ug/L	1.0	105	70	130			
Chloroform		11	ug/L	1.0	105	70	130			
Chloromethane		12	ug/L	1.0	117	70	130			
cis-1,2-Dichloroethene		11	ug/L	1.0	110	70	130			
cis-1,3-Dichloropropene		11	ug/L	1.0	111	70	130			
Dibromomethane		10	ug/L	1.0	104	70	130			
Dichlorodifluoromethane		8.4	ug/L	1.0	84	70	130			
Ethylbenzene		11	ug/L	1.0	106	70	130			
Hexachlorobutadiene		11	ug/L	1.0	108	70	130			
Isopropylbenzene		10	ug/L	1.0	105	70	130			
m+p-Xylenes		21	ug/L	1.0	104	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172735
Sample ID: 22-Apr-13_LCS_4	67	Laboratory Control Sample				Run: 5975VOC1_130422A				04/22/13 12:28
Methyl ethyl ketone		100	ug/L	10	102	70	130			
Methyl tert-butyl ether (MTBE)		11	ug/L	1.0	114	70	130			
Methylene chloride		9.9	ug/L	1.0	99	70	130			
n-Butylbenzene		11	ug/L	1.0	112	70	130			
n-Propylbenzene		10	ug/L	1.0	102	70	130			
Naphthalene		11	ug/L	1.0	108	70	130			
o-Xylene		10	ug/L	1.0	102	70	130			
p-Isopropyltoluene		12	ug/L	1.0	122	70	130			
sec-Butylbenzene		10	ug/L	1.0	102	70	130			
Styrene		11	ug/L	1.0	111	70	130			
tert-Butylbenzene		11	ug/L	1.0	108	70	130			
Tetrachloroethene		11	ug/L	1.0	108	70	130			
Toluene		11	ug/L	1.0	105	70	130			
trans-1,2-Dichloroethene		12	ug/L	1.0	121	70	130			
trans-1,3-Dichloropropene		12	ug/L	1.0	116	70	130			
Trichloroethene		11	ug/L	1.0	108	70	130			
Trichlorofluoromethane		8.5	ug/L	1.0	85	70	130			
Vinyl chloride		9.4	ug/L	1.0	94	70	130			
Xylenes, Total		31	ug/L	1.0	103	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	101	80	120			
Surr: Dibromofluoromethane				1.0	94	70	130			
Surr: p-Bromofluorobenzene				1.0	102	80	130			
Surr: Toluene-d8				1.0	115	80	120			
Sample ID: 22-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130422A				04/22/13 13:39
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172735
Sample ID: 22-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130422A				04/22/13 13:39
1,4-Dichlorobenzene		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	10						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methylene chloride		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172735
Sample ID: 22-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130422A				04/22/13 13:39
Surr: 1,2-Dichlorobenzene-d4				1.0	113	80	120			
Surr: Dibromofluoromethane				1.0	98	70	130			
Surr: p-Bromofluorobenzene				1.0	112	80	120			
Surr: Toluene-d8				1.0	107	80	120			
Sample ID: C13040653-003AMS	67	Sample Matrix Spike				Run: 5975VOC1_130422A				04/22/13 19:34
1,1,1,2-Tetrachloroethane		210	ug/L	10	104	70	130			
1,1,1-Trichloroethane		250	ug/L	10	123	70	130			
1,1,2,2-Tetrachloroethane		200	ug/L	10	100	70	130			
1,1,2-Trichloroethane		220	ug/L	10	108	70	130			
1,1-Dichloroethane		250	ug/L	10	127	70	130			
1,1-Dichloroethene		240	ug/L	10	120	70	130			
1,1-Dichloropropene		240	ug/L	10	120	70	130			
1,2,3-Trichlorobenzene		190	ug/L	10	97	70	130			
1,2,3-Trichloropropane		200	ug/L	10	100	70	130			
1,2,4-Trichlorobenzene		180	ug/L	10	92	70	130			
1,2,4-Trimethylbenzene		210	ug/L	10	105	70	130			
1,2-Dibromo-3-chloropropane		200	ug/L	10	100	70	130			
1,2-Dibromoethane		220	ug/L	10	108	70	130			
1,2-Dichlorobenzene		200	ug/L	10	100	70	130			
1,2-Dichloroethane		220	ug/L	10	111	70	130			
1,2-Dichloropropane		200	ug/L	10	99	70	130			
1,3,5-Trimethylbenzene		210	ug/L	10	106	70	130			
1,3-Dichlorobenzene		200	ug/L	10	100	70	130			
1,3-Dichloropropane		220	ug/L	10	111	70	130			
1,4-Dichlorobenzene		210	ug/L	10	104	70	130			
2,2-Dichloropropane		240	ug/L	10	122	70	130			
2-Chloroethyl vinyl ether		ND	ug/L	10		70	130			S
2-Chlorotoluene		190	ug/L	10	96	70	130			
4-Chlorotoluene		200	ug/L	10	99	70	130			
Benzene		220	ug/L	10	108	70	130			
Bromobenzene		200	ug/L	10	100	70	130			
Bromochloromethane		240	ug/L	10	118	70	130			
Bromodichloromethane		220	ug/L	10	108	70	130			
Bromoform		200	ug/L	10	100	70	130			
Bromomethane		170	ug/L	10	87	70	130			
Carbon tetrachloride		250	ug/L	10	124	70	130			
Chlorobenzene		210	ug/L	10	103	70	130			
Chlorodibromomethane		220	ug/L	10	110	70	130			
Chloroethane		270	ug/L	10	133	70	130			S
Chloroform		240	ug/L	10	121	70	130			
Chloromethane		190	ug/L	10	95	70	130			
cis-1,2-Dichloroethene		210	ug/L	10	106	70	130			
cis-1,3-Dichloropropene		200	ug/L	10	101	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172735
Sample ID: C13040653-003AMS	67	Sample Matrix Spike				Run: 5975VOC1_130422A				04/22/13 19:34
Dibromomethane		230	ug/L	10	113	70	130			
Dichlorodifluoromethane		210	ug/L	10	103	70	130			
Ethylbenzene		210	ug/L	10	106	70	130			
Hexachlorobutadiene		210	ug/L	10	104	70	130			
Isopropylbenzene		200	ug/L	10	98	70	130			
m+p-Xylenes		420	ug/L	10	106	70	130			
Methyl ethyl ketone		2000	ug/L	200	100	70	130			
Methyl tert-butyl ether (MTBE)		240	ug/L	10	119	70	130			
Methylene chloride		240	ug/L	10	119	70	130			
n-Butylbenzene		210	ug/L	10	106	70	130			
n-Propylbenzene		200	ug/L	10	98	70	130			
Naphthalene		180	ug/L	10	92	70	130			
o-Xylene		210	ug/L	10	106	70	130			
p-Isopropyltoluene		230	ug/L	10	116	70	130			
sec-Butylbenzene		200	ug/L	10	98	70	130			
Styrene		230	ug/L	10	114	70	130			
tert-Butylbenzene		210	ug/L	10	104	70	130			
Tetrachloroethene		210	ug/L	10	106	70	130			
Toluene		210	ug/L	10	104	70	130			
trans-1,2-Dichloroethene		240	ug/L	10	118	70	130			
trans-1,3-Dichloropropene		230	ug/L	10	114	70	130			
Trichloroethene		200	ug/L	10	99	70	130			
Trichlorofluoromethane		230	ug/L	10	114	70	130			
Vinyl chloride		220	ug/L	10	108	70	130			
Xylenes, Total		630	ug/L	10	106	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120			
Surr: Dibromofluoromethane				1.0	112	70	130			
Surr: p-Bromofluorobenzene				1.0	103	80	120			
Surr: Toluene-d8				1.0	119	80	120			
Sample ID: C13040653-003AMSD	67	Sample Matrix Spike Duplicate				Run: 5975VOC1_130422A				04/22/13 20:10
1,1,1,2-Tetrachloroethane		190	ug/L	10	96	70	130	8.4	20	
1,1,1-Trichloroethane		220	ug/L	10	110	70	130	12	20	
1,1,2,2-Tetrachloroethane		180	ug/L	10	92	70	130	9.2	20	
1,1,2-Trichloroethane		200	ug/L	10	100	70	130	7.7	20	
1,1-Dichloroethane		230	ug/L	10	117	70	130	8.2	20	
1,1-Dichloroethene		220	ug/L	10	109	70	130	9.8	20	
1,1-Dichloropropene		220	ug/L	10	109	70	130	9.8	20	
1,2,3-Trichlorobenzene		190	ug/L	10	94	70	130	3.8	20	
1,2,3-Trichloropropane		180	ug/L	10	92	70	130	7.9	20	
1,2,4-Trichlorobenzene		180	ug/L	10	88	70	130	5.3	20	
1,2,4-Trimethylbenzene		190	ug/L	10	96	70	130	8.8	20	
1,2-Dibromo-3-chloropropane		180	ug/L	10	92	70	130	8.4	20	
1,2-Dibromoethane		200	ug/L	10	99	70	130	8.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172735
Sample ID: C13040653-003AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130422A 04/22/13 20:10
1,2-Dichlorobenzene		190	ug/L	10	94	70	130	6.6	20	
1,2-Dichloroethane		200	ug/L	10	100	70	130	9.8	20	
1,2-Dichloropropane		180	ug/L	10	92	70	130	7.1	20	
1,3,5-Trimethylbenzene		190	ug/L	10	97	70	130	8.7	20	
1,3-Dichlorobenzene		180	ug/L	10	92	70	130	8.3	20	
1,3-Dichloropropane		210	ug/L	10	104	70	130	6.7	20	
1,4-Dichlorobenzene		190	ug/L	10	95	70	130	9.3	20	
2,2-Dichloropropane		220	ug/L	10	109	70	130	11	20	
2-Chloroethyl vinyl ether		ND	ug/L	10		70	130		20	S
2-Chlorotoluene		180	ug/L	10	88	70	130	8.7	20	
4-Chlorotoluene		180	ug/L	10	92	70	130	7.5	20	
Benzene		200	ug/L	10	99	70	130	8.1	20	
Bromobenzene		190	ug/L	10	94	70	130	6.2	20	
Bromochloromethane		220	ug/L	10	109	70	130	7.8	20	
Bromodichloromethane		190	ug/L	10	97	70	130	11	20	
Bromoform		180	ug/L	10	91	70	130	9.6	20	
Bromomethane		210	ug/L	10	103	70	130	16	20	
Carbon tetrachloride		220	ug/L	10	110	70	130	12	20	
Chlorobenzene		190	ug/L	10	94	70	130	8.9	20	
Chlorodibromomethane		200	ug/L	10	100	70	130	9.5	20	
Chloroethane		260	ug/L	10	131	70	130	1.2	20	S
Chloroform		220	ug/L	10	108	70	130	11	20	
Chloromethane		260	ug/L	10	130	70	130	31	20	R
cis-1,2-Dichloroethene		200	ug/L	10	100	70	130	5.8	20	
cis-1,3-Dichloropropene		190	ug/L	10	95	70	130	6.1	20	
Dibromomethane		200	ug/L	10	100	70	130	12	20	
Dichlorodifluoromethane		190	ug/L	10	97	70	130	6.0	20	
Ethylbenzene		200	ug/L	10	98	70	130	8.3	20	
Hexachlorobutadiene		190	ug/L	10	96	70	130	8.0	20	
Isopropylbenzene		180	ug/L	10	90	70	130	8.5	20	
m+p-Xylenes		390	ug/L	10	97	70	130	8.1	20	
Methyl ethyl ketone		1800	ug/L	200	90	70	130	11	20	
Methyl tert-butyl ether (MTBE)		230	ug/L	10	115	70	130	3.4	20	
Methylene chloride		220	ug/L	10	111	70	130	6.6	20	
n-Butylbenzene		190	ug/L	10	96	70	130	9.9	20	
n-Propylbenzene		180	ug/L	10	89	70	130	9.0	20	
Naphthalene		180	ug/L	10	90	70	130	2.2	20	
o-Xylene		200	ug/L	10	98	70	130	7.5	20	
p-Isopropyltoluene		210	ug/L	10	105	70	130	10	20	
sec-Butylbenzene		180	ug/L	10	90	70	130	9.4	20	
Styrene		210	ug/L	10	106	70	130	7.3	20	
tert-Butylbenzene		190	ug/L	10	96	70	130	8.4	20	
Tetrachloroethene		190	ug/L	10	97	70	130	9.4	20	
Toluene		190	ug/L	10	96	70	130	8.4	20	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172735	
Sample ID: C13040653-003AMSD 67 Sample Matrix Spike Duplicate									Run: 5975VOC1_130422A	
									04/22/13 20:10	
trans-1,2-Dichloroethene		230	ug/L	10	113	70	130	4.8	20	
trans-1,3-Dichloropropene		210	ug/L	10	107	70	130	6.1	20	
Trichloroethene		180	ug/L	10	92	70	130	7.1	20	
Trichlorofluoromethane		200	ug/L	10	102	70	130	11	20	
Vinyl chloride		210	ug/L	10	107	70	130	0.4	20	
Xylenes, Total		590	ug/L	10	98	70	130	7.9	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	109	70	130	0.0	10	
Surr: p-Bromofluorobenzene				1.0	104	80	120	0.0	10	
Surr: Toluene-d8				1.0	116	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: 23-Apr-13 LCS_4	67	Laboratory Control Sample				Run: 5975VOC1_130423B				04/23/13 09:42
1,1,1,2-Tetrachloroethane		10	ug/L	1.0	104	70	130			
1,1,1-Trichloroethane		11	ug/L	1.0	111	70	130			
1,1,2,2-Tetrachloroethane		10	ug/L	1.0	103	70	130			
1,1,2-Trichloroethane		10	ug/L	1.0	104	70	130			
1,1-Dichloroethane		12	ug/L	1.0	118	70	130			
1,1-Dichloroethene		11	ug/L	1.0	105	70	130			
1,1-Dichloropropene		11	ug/L	1.0	112	70	130			
1,2,3-Trichlorobenzene		11	ug/L	1.0	108	70	130			
1,2,3-Trichloropropane		9.8	ug/L	1.0	98	70	130			
1,2,4-Trichlorobenzene		10	ug/L	1.0	102	70	130			
1,2,4-Trimethylbenzene		11	ug/L	1.0	106	70	130			
1,2-Dibromo-3-chloropropane		10	ug/L	1.0	100	70	130			
1,2-Dibromoethane		10	ug/L	1.0	102	70	130			
1,2-Dichlorobenzene		10	ug/L	1.0	102	70	130			
1,2-Dichloroethane		10	ug/L	1.0	103	70	130			
1,2-Dichloropropane		11	ug/L	1.0	111	70	130			
1,3,5-Trimethylbenzene		11	ug/L	1.0	106	70	130			
1,3-Dichlorobenzene		10	ug/L	1.0	101	70	130			
1,3-Dichloropropane		10	ug/L	1.0	105	70	130			
1,4-Dichlorobenzene		10	ug/L	1.0	104	70	130			
2,2-Dichloropropane		12	ug/L	1.0	123	60	140			
2-Chloroethyl vinyl ether		10	ug/L	1.0	102	70	130			
2-Chlorotoluene		9.8	ug/L	1.0	98	70	130			
4-Chlorotoluene		10	ug/L	1.0	102	70	130			
Benzene		11	ug/L	1.0	110	70	130			
Bromobenzene		10	ug/L	1.0	104	70	130			
Bromochloromethane		11	ug/L	1.0	114	70	130			
Bromodichloromethane		10	ug/L	1.0	103	70	130			
Bromoform		9.7	ug/L	1.0	97	70	130			
Bromomethane		9.0	ug/L	1.0	90	70	130			
Carbon tetrachloride		11	ug/L	1.0	110	70	130			
Chlorobenzene		10.0	ug/L	1.0	100	70	130			
Chlorodibromomethane		10	ug/L	1.0	100	70	130			
Chloroethane		12	ug/L	1.0	122	70	130			
Chloroform		11	ug/L	1.0	112	70	130			
Chloromethane		10	ug/L	1.0	101	70	130			
cis-1,2-Dichloroethene		11	ug/L	1.0	111	70	130			
cis-1,3-Dichloropropene		11	ug/L	1.0	109	70	130			
Dibromomethane		11	ug/L	1.0	108	70	130			
Dichlorodifluoromethane		8.8	ug/L	1.0	88	70	130			
Ethylbenzene		10	ug/L	1.0	102	70	130			
Hexachlorobutadiene		11	ug/L	1.0	106	70	130			
Isopropylbenzene		9.9	ug/L	1.0	99	70	130			
m+p-Xylenes		20	ug/L	1.0	100	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: 23-Apr-13_LCS_4	67	Laboratory Control Sample				Run: 5975VOC1_130423B				04/23/13 09:42
Methyl ethyl ketone		100	ug/L	10	103	70	130			
Methyl tert-butyl ether (MTBE)		9.9	ug/L	1.0	99	70	130			
Methylene chloride		11	ug/L	1.0	108	70	130			
n-Butylbenzene		11	ug/L	1.0	107	70	130			
n-Propylbenzene		9.8	ug/L	1.0	98	70	130			
Naphthalene		10	ug/L	1.0	105	70	130			
o-Xylene		10	ug/L	1.0	100	70	130			
p-Isopropyltoluene		12	ug/L	1.0	116	70	130			
sec-Butylbenzene		9.8	ug/L	1.0	98	70	130			
Styrene		11	ug/L	1.0	108	70	130			
tert-Butylbenzene		10	ug/L	1.0	104	70	130			
Tetrachloroethene		10	ug/L	1.0	103	70	130			
Toluene		10	ug/L	1.0	100	70	130			
trans-1,2-Dichloroethene		12	ug/L	1.0	115	70	130			
trans-1,3-Dichloropropene		11	ug/L	1.0	113	70	130			
Trichloroethene		10	ug/L	1.0	105	70	130			
Trichlorofluoromethane		9.8	ug/L	1.0	98	70	130			
Vinyl chloride		10	ug/L	1.0	104	70	130			
Xylenes, Total		30	ug/L	1.0	100	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120			
Surr: Dibromofluoromethane				1.0	102	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	130			
Surr: Toluene-d8				1.0	116	80	120			
Sample ID: 23-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130423B				04/23/13 10:53
1,1,1,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,1-Trichloroethane		ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane		ND	ug/L	1.0						
1,1,2-Trichloroethane		ND	ug/L	1.0						
1,1-Dichloroethane		ND	ug/L	1.0						
1,1-Dichloroethene		ND	ug/L	1.0						
1,1-Dichloropropene		ND	ug/L	1.0						
1,2,3-Trichlorobenzene		ND	ug/L	1.0						
1,2,3-Trichloropropane		ND	ug/L	1.0						
1,2,4-Trichlorobenzene		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0						
1,2-Dibromoethane		ND	ug/L	1.0						
1,2-Dichlorobenzene		ND	ug/L	1.0						
1,2-Dichloroethane		ND	ug/L	1.0						
1,2-Dichloropropane		ND	ug/L	1.0						
1,3,5-Trimethylbenzene		ND	ug/L	1.0						
1,3-Dichlorobenzene		ND	ug/L	1.0						
1,3-Dichloropropane		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172789	
Sample ID: 23-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130423B			04/23/13 10:53	
1,4-Dichlorobenzene		ND	ug/L	1.0						
2,2-Dichloropropane		ND	ug/L	1.0						
2-Chloroethyl vinyl ether		ND	ug/L	1.0						
2-Chlorotoluene		ND	ug/L	1.0						
4-Chlorotoluene		ND	ug/L	1.0						
Benzene		ND	ug/L	1.0						
Bromobenzene		ND	ug/L	1.0						
Bromochloromethane		ND	ug/L	1.0						
Bromodichloromethane		ND	ug/L	1.0						
Bromoform		ND	ug/L	1.0						
Bromomethane		ND	ug/L	1.0						
Carbon tetrachloride		ND	ug/L	1.0						
Chlorobenzene		ND	ug/L	1.0						
Chlorodibromomethane		ND	ug/L	1.0						
Chloroethane		ND	ug/L	1.0						
Chloroform		ND	ug/L	1.0						
Chloromethane		ND	ug/L	1.0						
cis-1,2-Dichloroethene		ND	ug/L	1.0						
cis-1,3-Dichloropropene		ND	ug/L	1.0						
Dibromomethane		ND	ug/L	1.0						
Dichlorodifluoromethane		ND	ug/L	1.0						
Ethylbenzene		ND	ug/L	1.0						
Hexachlorobutadiene		ND	ug/L	1.0						
Isopropylbenzene		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
Methyl ethyl ketone		ND	ug/L	10						
Methyl tert-butyl ether (MTBE)		ND	ug/L	1.0						
Methylene chloride		ND	ug/L	1.0						
n-Butylbenzene		ND	ug/L	1.0						
n-Propylbenzene		ND	ug/L	1.0						
Naphthalene		ND	ug/L	1.0						
o-Xylene		ND	ug/L	1.0						
p-Isopropyltoluene		ND	ug/L	1.0						
sec-Butylbenzene		ND	ug/L	1.0						
Styrene		ND	ug/L	1.0						
tert-Butylbenzene		ND	ug/L	1.0						
Tetrachloroethene		ND	ug/L	1.0						
Toluene		ND	ug/L	1.0						
trans-1,2-Dichloroethene		ND	ug/L	1.0						
trans-1,3-Dichloropropene		ND	ug/L	1.0						
Trichloroethene		ND	ug/L	1.0						
Trichlorofluoromethane		ND	ug/L	1.0						
Vinyl chloride		ND	ug/L	1.0						
Xylenes, Total		ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: 23-Apr-13_MBLK_6	67	Method Blank				Run: 5975VOC1_130423B				04/23/13 10:53
Surr: 1,2-Dichlorobenzene-d4				1.0	113	80	120			
Surr: Dibromofluoromethane				1.0	102	70	130			
Surr: p-Bromofluorobenzene				1.0	112	80	120			
Surr: Toluene-d8				1.0	107	80	120			
Sample ID: C13040653-003AMS	67	Sample Matrix Spike				Run: 5975VOC1_130423B				04/23/13 16:47
1,1,1,2-Tetrachloroethane		220	ug/L	10	111	70	130			
1,1,1-Trichloroethane		240	ug/L	10	118	70	130			
1,1,2,2-Tetrachloroethane		210	ug/L	10	104	70	130			
1,1,2-Trichloroethane		210	ug/L	10	105	70	130			
1,1-Dichloroethane		240	ug/L	10	121	70	130			
1,1-Dichloroethene		220	ug/L	10	110	70	130			
1,1-Dichloropropene		230	ug/L	10	117	70	130			
1,2,3-Trichlorobenzene		210	ug/L	10	107	70	130			
1,2,3-Trichloropropane		210	ug/L	10	105	70	130			
1,2,4-Trichlorobenzene		200	ug/L	10	102	70	130			
1,2,4-Trimethylbenzene		220	ug/L	10	110	70	130			
1,2-Dibromo-3-chloropropane		220	ug/L	10	112	70	130			
1,2-Dibromoethane		210	ug/L	10	106	70	130			
1,2-Dichlorobenzene		210	ug/L	10	106	70	130			
1,2-Dichloroethane		220	ug/L	10	110	70	130			
1,2-Dichloropropane		220	ug/L	10	112	70	130			
1,3,5-Trimethylbenzene		220	ug/L	10	111	70	130			
1,3-Dichlorobenzene		210	ug/L	10	104	70	130			
1,3-Dichloropropane		220	ug/L	10	109	70	130			
1,4-Dichlorobenzene		210	ug/L	10	107	70	130			
2,2-Dichloropropane		240	ug/L	10	120	70	130			
2-Chloroethyl vinyl ether		22	ug/L	10	11	70	130			S
2-Chlorotoluene		200	ug/L	10	102	70	130			
4-Chlorotoluene		210	ug/L	10	104	70	130			
Benzene		230	ug/L	10	114	70	130			
Bromobenzene		210	ug/L	10	106	70	130			
Bromochloromethane		240	ug/L	10	122	70	130			
Bromodichloromethane		220	ug/L	10	111	70	130			
Bromoform		200	ug/L	10	102	70	130			
Bromomethane		220	ug/L	10	110	70	130			
Carbon tetrachloride		240	ug/L	10	120	70	130			
Chlorobenzene		210	ug/L	10	104	70	130			
Chlorodibromomethane		210	ug/L	10	105	70	130			
Chloroethane		250	ug/L	10	125	70	130			
Chloroform		240	ug/L	10	121	70	130			
Chloromethane		150	ug/L	10	77	70	130			
cis-1,2-Dichloroethene		230	ug/L	10	117	70	130			
cis-1,3-Dichloropropene		220	ug/L	10	110	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: C13040653-003AMS	67	Sample Matrix Spike				Run: 5975VOC1_130423B				04/23/13 16:47
Dibromomethane		230	ug/L	10	114	70	130			
Dichlorodifluoromethane		170	ug/L	10	85	70	130			
Ethylbenzene		210	ug/L	10	106	70	130			
Hexachlorobutadiene		220	ug/L	10	112	70	130			
Isopropylbenzene		210	ug/L	10	104	70	130			
m+p-Xylenes		420	ug/L	10	105	70	130			
Methyl ethyl ketone		2000	ug/L	200	99	70	130			
Methyl tert-butyl ether (MTBE)		220	ug/L	10	108	70	130			
Methylene chloride		220	ug/L	10	109	70	130			
n-Butylbenzene		220	ug/L	10	111	70	130			
n-Propylbenzene		200	ug/L	10	102	70	130			
Naphthalene		210	ug/L	10	104	70	130			
o-Xylene		210	ug/L	10	104	70	130			
p-Isopropyltoluene		240	ug/L	10	121	70	130			
sec-Butylbenzene		200	ug/L	10	102	70	130			
Styrene		220	ug/L	10	111	70	130			
tert-Butylbenzene		220	ug/L	10	108	70	130			
Tetrachloroethene		210	ug/L	10	106	70	130			
Toluene		210	ug/L	10	104	70	130			
trans-1,2-Dichloroethene		230	ug/L	10	114	70	130			
trans-1,3-Dichloropropene		240	ug/L	10	118	70	130			
Trichloroethene		210	ug/L	10	107	70	130			
Trichlorofluoromethane		210	ug/L	10	104	70	130			
Vinyl chloride		190	ug/L	10	94	70	130			
Xylenes, Total		630	ug/L	10	105	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	104	80	120			
Surr: Dibromofluoromethane				1.0	106	70	130			
Surr: p-Bromofluorobenzene				1.0	106	80	120			
Surr: Toluene-d8				1.0	118	80	120			
Sample ID: C13040653-003AMSD	67	Sample Matrix Spike Duplicate				Run: 5975VOC1_130423B				04/23/13 17:22
1,1,1,2-Tetrachloroethane		220	ug/L	10	110	70	130	0.7	20	
1,1,1-Trichloroethane		230	ug/L	10	115	70	130	3.1	20	
1,1,2,2-Tetrachloroethane		210	ug/L	10	105	70	130	1.2	20	
1,1,2-Trichloroethane		220	ug/L	10	108	70	130	2.3	20	
1,1-Dichloroethane		250	ug/L	10	124	70	130	2.6	20	
1,1-Dichloroethene		220	ug/L	10	112	70	130	2.2	20	
1,1-Dichloropropene		230	ug/L	10	116	70	130	0.7	20	
1,2,3-Trichlorobenzene		210	ug/L	10	107	70	130	0.0	20	
1,2,3-Trichloropropane		210	ug/L	10	104	70	130	0.8	20	
1,2,4-Trichlorobenzene		200	ug/L	10	102	70	130	0.0	20	
1,2,4-Trimethylbenzene		220	ug/L	10	109	70	130	1.1	20	
1,2-Dibromo-3-chloropropane		200	ug/L	10	100	70	130	11	20	
1,2-Dibromoethane		220	ug/L	10	108	70	130	1.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: C13040653-003AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130423B 04/23/13 17:22
1,2-Dichlorobenzene		210	ug/L	10	105	70	130	0.8	20	
1,2-Dichloroethane		210	ug/L	10	107	70	130	2.9	20	
1,2-Dichloropropane		220	ug/L	10	112	70	130	0.4	20	
1,3,5-Trimethylbenzene		220	ug/L	10	108	70	130	2.2	20	
1,3-Dichlorobenzene		210	ug/L	10	105	70	130	0.8	20	
1,3-Dichloropropane		220	ug/L	10	109	70	130	0.0	20	
1,4-Dichlorobenzene		210	ug/L	10	107	70	130	0.0	20	
2,2-Dichloropropane		240	ug/L	10	118	70	130	1.3	20	
2-Chloroethyl vinyl ether		18	ug/L	10	9	70	130	17	20	S
2-Chlorotoluene		200	ug/L	10	101	70	130	0.4	20	
4-Chlorotoluene		210	ug/L	10	104	70	130	0.0	20	
Benzene		230	ug/L	10	113	70	130	1.1	20	
Bromobenzene		210	ug/L	10	107	70	130	1.1	20	
Bromochloromethane		240	ug/L	10	120	70	130	1.6	20	
Bromodichloromethane		220	ug/L	10	108	70	130	3.3	20	
Bromoform		210	ug/L	10	104	70	130	1.6	20	
Bromomethane		240	ug/L	10	122	70	130	11	20	
Carbon tetrachloride		230	ug/L	10	116	70	130	3.0	20	
Chlorobenzene		210	ug/L	10	104	70	130	0.4	20	
Chlorodibromomethane		210	ug/L	10	105	70	130	0.4	20	
Chloroethane		250	ug/L	10	127	70	130	1.9	20	
Chloroform		240	ug/L	10	118	70	130	2.7	20	
Chloromethane		240	ug/L	10	120	70	130	44	20	R
cis-1,2-Dichloroethene		240	ug/L	10	118	70	130	0.7	20	
cis-1,3-Dichloropropene		220	ug/L	10	110	70	130	0.4	20	
Dibromomethane		230	ug/L	10	113	70	130	0.7	20	
Dichlorodifluoromethane		180	ug/L	10	90	70	130	5.5	20	
Ethylbenzene		210	ug/L	10	104	70	130	1.5	20	
Hexachlorobutadiene		210	ug/L	10	107	70	130	4.7	20	
Isopropylbenzene		200	ug/L	10	102	70	130	1.9	20	
m+p-Xylenes		410	ug/L	10	103	70	130	1.5	20	
Methyl ethyl ketone		2100	ug/L	200	105	70	130	5.9	20	
Methyl tert-butyl ether (MTBE)		200	ug/L	10	100	70	130	8.1	20	
Methylene chloride		230	ug/L	10	113	70	130	3.6	20	
n-Butylbenzene		220	ug/L	10	109	70	130	2.2	20	
n-Propylbenzene		200	ug/L	10	100	70	130	2.4	20	
Naphthalene		200	ug/L	10	102	70	130	1.2	20	
o-Xylene		210	ug/L	10	103	70	130	1.2	20	
p-Isopropyltoluene		240	ug/L	10	118	70	130	2.0	20	
sec-Butylbenzene		200	ug/L	10	100	70	130	1.6	20	
Styrene		220	ug/L	10	112	70	130	0.7	20	
tert-Butylbenzene		210	ug/L	10	107	70	130	0.4	20	
Tetrachloroethene		210	ug/L	10	105	70	130	1.1	20	
Toluene		210	ug/L	10	103	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172789
Sample ID: C13040653-003AMSD 67 Sample Matrix Spike Duplicate										Run: 5975VOC1_130423B 04/23/13 17:22
trans-1,2-Dichloroethene		240	ug/L	10	120	70	130	5.5	20	
trans-1,3-Dichloropropene		240	ug/L	10	118	70	130	0.0	20	
Trichloroethene		210	ug/L	10	107	70	130	0.0	20	
Trichlorofluoromethane		210	ug/L	10	104	70	130	0.0	20	
Vinyl chloride		220	ug/L	10	111	70	130	16	20	
Xylenes, Total		620	ug/L	10	103	70	130	1.4	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	104	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	106	70	130	0.0	10	
Surr: p-Bromofluorobenzene				1.0	105	80	120	0.0	10	
Surr: Toluene-d8				1.0	115	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/29/13

Project: 90125 Artesia

Work Order: C13040638

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172965
Sample ID: 24-Apr-13_LCS_4	7	Laboratory Control Sample				Run: 5975VOC1_130424B				04/24/13 13:39
1,1-Dichloroethane		14	ug/L	1.0	140	70	130			S
1,2,4-Trimethylbenzene		11	ug/L	1.0	112	70	130			
m+p-Xylenes		21	ug/L	1.0	106	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120			
Surr: Dibromofluoromethane				1.0	109	70	130			
Surr: p-Bromofluorobenzene				1.0	105	80	130			
Surr: Toluene-d8				1.0	116	80	120			
Sample ID: 24-Apr-13_MBLK_6	7	Method Blank				Run: 5975VOC1_130424B				04/24/13 14:50
1,1-Dichloroethane		ND	ug/L	1.0						
1,2,4-Trimethylbenzene		ND	ug/L	1.0						
m+p-Xylenes		ND	ug/L	1.0						
Surr: 1,2-Dichlorobenzene-d4				1.0	114	80	120			
Surr: Dibromofluoromethane				1.0	106	70	130			
Surr: p-Bromofluorobenzene				1.0	113	80	120			
Surr: Toluene-d8				1.0	106	80	120			
Sample ID: C13040737-001AMS	7	Sample Matrix Spike				Run: 5975VOC1_130424B				04/24/13 20:44
1,1-Dichloroethane		140	ug/L	5.0	140	70	130			S
1,2,4-Trimethylbenzene		110	ug/L	5.0	108	70	130			
m+p-Xylenes		210	ug/L	5.0	104	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	103	80	120			
Surr: Dibromofluoromethane				1.0	114	70	130			
Surr: p-Bromofluorobenzene				1.0	104	80	120			
Surr: Toluene-d8				1.0	117	80	120			
Sample ID: C13040737-001AMSD	7	Sample Matrix Spike Duplicate				Run: 5975VOC1_130424B				04/24/13 21:20
1,1-Dichloroethane		140	ug/L	5.0	138	70	130	0.9	20	S
1,2,4-Trimethylbenzene		110	ug/L	5.0	109	70	130	0.7	20	
m+p-Xylenes		210	ug/L	5.0	103	70	130	0.6	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	104	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	113	70	130	0.0	10	
Surr: p-Bromofluorobenzene				1.0	106	80	120	0.0	10	
Surr: Toluene-d8				1.0	116	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Deuell Environmental LLC

C13040638

Login completed by: Dorian Quis

Date Received: 4/19/2013

Reviewed by: BL2000\kmiller

Received by: dcq

Reviewed Date: 4/22/2013

Carrier Hand Del
name:

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☒	No ☐	
Temp Blank received?	Yes ☒	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	2.7°C On Ice		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

Page 1 of 3

PLEASE PRINT (Provide as much information as possible.)

Company Name: Denell Environmental		Project Name, PWS, Permit, Etc. 2012S ARTESIA		EPA/State Compliance: Yes ☒ No ☐	
Report Mail Address (Required): 1653 DIAMOND HEADCT LARAMIE, WY 82002		Contact Name: Rick Devel		State: NM	
Invoice Address (Required): 1653 DIAMOND HEADCT LARAMIE, WY 82002		Phone/Fax: 307 760 3277		Sampler: (Please Print)	
No Hard Copy Email: ☐		Purchase Order: 9012512		Quote/Bottle Order:	
Special Report/Formats: ☐ DW ☐ POTW/WWTP ☐ State: ☐ Other:		ANALYSIS REQUESTED SEE ATTACHED		Contact ELI prior to RUSH sample submittal for charges and scheduling -- See Instruction Page	
No Hard Copy Email: ☐		Number of Containers Sample Type: AWS V B O DW Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water		Comments: R U S H	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time	
1 90125-20.4/13		4/11/13		07:00	
2 90125-28.4/13		4/11/13		07:30	
3 90125-27.4/13		4/11/13		08:00	
4 90125-30.4/13		4/11/13		08:30	
5 90125-TANK B.4/13		4/11/13		09:45	
6 90125-32.4/13		4/11/13		07:00	
7 90125-33.4/13		4/11/13		07:30	
8 90125-26.4/13		4/11/13		10:00	
9 90125-27.4/13		4/11/13		10:30	
10 90125-22.4/13		4/11/13		11:00	
Custody Record MUST be Signed		Relinquished by (print): Rick Devel		Relinquished by (print): 4/11/13	
Sample Disposal:		Return to Client:		Lab Disposal:	
Received by (print): 4/11/13		Received by (print): 4/11/13		Received by (print): 4/11/13	
Signature: 4/11/13		Signature: 4/11/13		Signature: 4/11/13	
Date/Time:		Date/Time:		Date/Time:	
Shipped by: Hand		Cooler ID(s): 4138		Receipt Temp: 27 °C	
On Ice: ☒ Y ☐ N		Custody Seal On Bottle On Cooler Intact Signature Match		Y N Y N Y N Y N	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.



Chain of Custody and Analytical Request Record

Page 2 of 3

PLEASE PRINT (Provide as much information as possible.)

Company Name: DEVELL ENVIRONMENTAL		Project Name, PWS, Permit, Etc. 70125 ARTESIA		Sample Origin State: NM		EPA/State Compliance: Yes ☒ No ☐	
Report Mail Address (Required): V53 DIAMOND HEAD CT LARAMIE, WY 82072		Contact Name: 70125 ARTESIA		Cell:		Sampler: (Please Print)	
Invoice Address (Required): SAME		Invoice Contact & Phone: Rick Develle 307 740 3277		Purchase Order: 7012512		Quote/Bottle Order:	
☐ No Hard Copy Email:		Special Report/Formats: ☐ DW ☐ POTW/MWTP ☐ State: ☐ Other:		☐ EDD/EDT (Electronic Data) Format: ☐ LEVEL IV ☐ NELAC		Shipped by: Develle Cooler ID(s): 4138 Receipt Temp: 27 °C On Ice: ☒ Custody Seal On Bottle: Y On Cooler: Y Intact: Y Signature Match: Y	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	LABORATORY USE ONLY			
1 70125-25.4/13	4/14/13	11:30	3W	Standard Turnaround (TAT) SEE ATTACHED ↑ R U S H Comments: C13D40638			
2 70125-21.4/13		12:00					
3 70125-31.4/13		12:30					
4 70125-18.4/13		13:00					
5 70125-11.4/13		13:30					
6 70125-8.4/13		14:00					
7 70125-TAK-A.9/14	4/17/13	07:00					
8 70125-13.4/13		08:30					
9 70125-15.4/13		09:00					
10 70125-9.4/13		09:30					
Matrix: Number of Containers Sample Type: A W S V B O DW Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water		MATRIX		ANALYSIS REQUESTED			
Relinquished by (print): Rick Develle		Relinquished by (print): 4/19/13 09:30		Received by (print): 4/19/13 09:30			
Signature: [Signature]		Signature: [Signature]		Signature: [Signature]			
Date/Time: 4/19/13 09:30		Date/Time: 4/19/13 09:30		Date/Time: 4/19/13 09:30			
Custody Record MUST be Signed		Sample Disposal:		Return to Client:			
Received by Laboratory: 4/19/13 852 Develle Rick		Signature: [Signature]		Signature: [Signature]			

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: DEVELL ENVIRONMENTAL		Project Name, PWS, Permit, Etc. 90125 APRESA		Sample Origin State: NM		EPA/State Compliance: Yes ☒ No ☐	
Report Mail Address (Required): 1653 DIAMOND HEAD CT LAROMIE, WY 82072		Contact Name: 90125 APRESA		Cell:		Sampler: (Please Print)	
Invoice Address (Required): SAME		Invoice Contact & Phone: 307 768 3277		Purchase Order: 901252		Quote/Bottle Order:	
☐ No Hard Copy Email:		☐ No Hard Copy Email:		☐ No Hard Copy Email:		☐ No Hard Copy Email:	
Special Report/Formats: ☐ DW ☐ POTW/WWTP ☐ State: ☐ Other:		Special Report/Formats: ☐ EDD/EDT (Electronic Data) Format: ☐ LEVEL IV ☐ NELAC		Standard Turnaround (TAT) SEE ATTACHED		Shipped by: 4138	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time		Cooler ID(s): 4138	
1 90125-12-4/13		4/17/13		10:00		Receipt Temp 27 °C	
2 90125-A-4/13		4/18/13		06:30		On Ice: ☒	
3 90125-B-4/13		4/17/13		06:00		Custody Seal On Bottle ☒ On Cooler ☒	
4 90125-6-4/13		4/17/13		06:30		Intact ☒	
5 TRIP BLANK 7305						Signature Match ☒	
6 TEMP BLANK							
7							
8							
9							
10							
ANALYSIS REQUESTED		SEE ATTACHED		R U S H		LABORATORY USE ONLY	
Number of Containers Sample Type: A W S V B O DW Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water		Matrix 300 100 200 100		Comments: C130401638		Signature	
Relinquished by (print): Rick Devel		Relinquished by (print): Rick Devel		Relinquished by (print): Rick Devel		Relinquished by (print): Rick Devel	
Date/Time: 4/19/13 08:30		Date/Time: 4/19/13 08:30		Date/Time: 4/19/13 08:30		Date/Time: 4/19/13 08:30	
Signature: Rick Devel		Signature: Rick Devel		Signature: Rick Devel		Signature: Rick Devel	
Sample Disposal: Return to Client		Sample Disposal: Return to Client		Sample Disposal: Return to Client		Sample Disposal: Return to Client	
Custody Record MUST be Signed		Custody Record MUST be Signed		Custody Record MUST be Signed		Custody Record MUST be Signed	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.



ANALYTICAL SUMMARY REPORT

April 24, 2013

Deuell Environmental LLC
1653 Diamond Head Ct
Laramie, WY 82072

Workorder No.: C13040578

Project Name: 90125 Artesia

Energy Laboratories, Inc. Casper WY received the following 2 samples for Deuell Environmental LLC on 4/17/2013 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C13040578-001	90125-INP.4/13	04/16/13 16:00	04/17/13	Air	SW8260B VOCs, Standard List
C13040578-002	Tedlar Bag	04/16/13 0:00	04/17/13		Supplies

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:

Report Proofing Specialist

Digitally signed by
Sheri M. Mead
Date: 2013.04.24 16:03:22 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040578-001
Client Sample ID 90125-INP.4/13

Report Date: 04/24/13
Collection Date: 04/16/13 16:00
DateReceived: 04/17/13
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1,1-Trichloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1,2,2-Tetrachloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1,2-Trichloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1-Dichloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1-Dichloroethene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,1-Dichloropropene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2,3-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2,3-Trichloropropane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2,4-Trichlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2,4-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2-Dibromo-3-chloropropane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2-Dibromoethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2-Dichloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,3,5-Trimethylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,3-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,3-Dichloropropane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
1,4-Dichlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
2,2-Dichloropropane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
2-Chlorotoluene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
4-Chlorotoluene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Benzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Bromobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Bromochloromethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Bromodichloromethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Bromoform	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Bromomethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Carbon tetrachloride	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Chlorobenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Chlorodibromomethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Chloroethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Chloroform	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Chloromethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
cis-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
cis-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Dibromomethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Dichlorodifluoromethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Ethylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Hexachlorobutadiene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Isopropylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
m+p-Xylenes	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC
Project: 90125 Artesia
Lab ID: C13040578-001
Client Sample ID 90125-INP.4/13

Report Date: 04/24/13
Collection Date: 04/16/13 16:00
DateReceived: 04/17/13
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Methyl ethyl ketone	ND	mg/m3		20		SW8260B	04/23/13 11:29 / jk
Methylene chloride	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Naphthalene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
n-Butylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
n-Propylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
o-Xylene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
p-Isopropyltoluene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
sec-Butylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Styrene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
tert-Butylbenzene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Tetrachloroethene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Toluene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
trans-1,2-Dichloroethene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
trans-1,3-Dichloropropene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Trichloroethene	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Trichlorofluoromethane	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Vinyl chloride	ND	mg/m3		1.0		SW8260B	04/23/13 11:29 / jk
Surr: 1,2-Dichlorobenzene-d4	112	%REC		80-120		SW8260B	04/23/13 11:29 / jk
Surr: Dibromofluoromethane	107	%REC		80-120		SW8260B	04/23/13 11:29 / jk
Surr: p-Bromofluorobenzene	114	%REC		80-120		SW8260B	04/23/13 11:29 / jk
Surr: Toluene-d8	108	%REC		80-120		SW8260B	04/23/13 11:29 / jk

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172786
Sample ID: 23-Apr-13 LCS_4	64	Laboratory Control Sample				Run: 5975VOC1_130423A				04/23/13 09:42
1,1,1,2-Tetrachloroethane		10.4	mg/m3	1.0	104	70	130			
1,1,1-Trichloroethane		11.1	mg/m3	1.0	111	70	130			
1,1,2,2-Tetrachloroethane		10.3	mg/m3	1.0	103	70	130			
1,1,2-Trichloroethane		10.4	mg/m3	1.0	104	70	130			
1,1-Dichloroethane		11.8	mg/m3	1.0	118	70	130			
1,1-Dichloroethene		10.5	mg/m3	1.0	105	70	130			
1,1-Dichloropropene		11.2	mg/m3	1.0	112	70	130			
1,2,3-Trichlorobenzene		10.8	mg/m3	1.0	108	70	130			
1,2,3-Trichloropropane		9.80	mg/m3	1.0	98	70	130			
1,2,4-Trichlorobenzene		10.2	mg/m3	1.0	102	70	130			
1,2,4-Trimethylbenzene		10.6	mg/m3	1.0	106	70	130			
1,2-Dibromo-3-chloropropane		10.0	mg/m3	1.0	100	70	130			
1,2-Dibromoethane		10.2	mg/m3	1.0	102	70	130			
1,2-Dichlorobenzene		10.2	mg/m3	1.0	102	70	130			
1,2-Dichloroethane		10.3	mg/m3	1.0	103	70	130			
1,2-Dichloropropane		11.1	mg/m3	1.0	111	70	130			
1,3,5-Trimethylbenzene		10.6	mg/m3	1.0	106	70	130			
1,3-Dichlorobenzene		10.1	mg/m3	1.0	101	70	130			
1,3-Dichloropropane		10.5	mg/m3	1.0	105	70	130			
1,4-Dichlorobenzene		10.4	mg/m3	1.0	104	70	130			
2,2-Dichloropropane		12.3	mg/m3	1.0	123	70	130			
2-Chlorotoluene		9.80	mg/m3	1.0	98	70	130			
4-Chlorotoluene		10.2	mg/m3	1.0	102	70	130			
Benzene		11.0	mg/m3	1.0	110	70	130			
Bromobenzene		10.4	mg/m3	1.0	104	70	130			
Bromochloromethane		11.4	mg/m3	1.0	114	70	130			
Bromodichloromethane		10.3	mg/m3	1.0	103	70	130			
Bromoform		9.72	mg/m3	1.0	97	70	130			
Bromomethane		9.04	mg/m3	1.0	90	70	130			
Carbon tetrachloride		11.0	mg/m3	1.0	110	70	130			
Chlorobenzene		9.96	mg/m3	1.0	100	70	130			
Chlorodibromomethane		10.0	mg/m3	1.0	100	70	130			
Chloroethane		12.2	mg/m3	1.0	122	70	130			
Chloroform		11.2	mg/m3	1.0	112	70	130			
Chloromethane		10.1	mg/m3	1.0	101	70	130			
cis-1,2-Dichloroethene		11.1	mg/m3	1.0	111	70	130			
cis-1,3-Dichloropropene		10.9	mg/m3	1.0	109	70	130			
Dibromomethane		10.8	mg/m3	1.0	108	70	130			
Dichlorodifluoromethane		8.76	mg/m3	1.0	88	70	130			
Ethylbenzene		10.2	mg/m3	1.0	102	70	130			
Hexachlorobutadiene		10.6	mg/m3	1.0	106	70	130			
Isopropylbenzene		9.92	mg/m3	1.0	99	70	130			
m+p-Xylenes		20.1	mg/m3	1.0	100	70	130			
Methyl ethyl ketone		103	mg/m3	20	103	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172786
Sample ID: 23-Apr-13_LCS_4	64	Laboratory Control Sample				Run: 5975VOC1_130423A				04/23/13 09:42
Methylene chloride		10.8	mg/m3	1.0	108	70	130			
Naphthalene		10.5	mg/m3	1.0	105	70	130			
n-Butylbenzene		10.7	mg/m3	1.0	107	70	130			
n-Propylbenzene		9.80	mg/m3	1.0	98	70	130			
o-Xylene		10.0	mg/m3	1.0	100	70	130			
p-Isopropyltoluene		11.6	mg/m3	1.0	116	70	130			
sec-Butylbenzene		9.76	mg/m3	1.0	98	70	130			
Styrene		10.8	mg/m3	1.0	108	70	130			
tert-Butylbenzene		10.4	mg/m3	1.0	104	70	130			
Tetrachloroethene		10.3	mg/m3	1.0	103	70	130			
Toluene		10.0	mg/m3	1.0	100	70	130			
trans-1,2-Dichloroethene		11.5	mg/m3	1.0	115	70	130			
trans-1,3-Dichloropropene		11.3	mg/m3	1.0	113	70	130			
Trichloroethene		10.5	mg/m3	1.0	105	70	130			
Trichlorofluoromethane		9.84	mg/m3	1.0	98	70	130			
Vinyl chloride		10.4	mg/m3	1.0	104	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	102	80	120			
Surr: Dibromofluoromethane				1.0	102	80	120			
Surr: p-Bromofluorobenzene				1.0	104	80	120			
Surr: Toluene-d8				1.0	116	80	120			
Sample ID: 23-Apr-13_MBLK_6	64	Method Blank				Run: 5975VOC1_130423A				04/23/13 10:53
1,1,1,2-Tetrachloroethane		ND	mg/m3	1.0						
1,1,1-Trichloroethane		ND	mg/m3	1.0						
1,1,2,2-Tetrachloroethane		ND	mg/m3	1.0						
1,1,2-Trichloroethane		ND	mg/m3	1.0						
1,1-Dichloroethane		ND	mg/m3	1.0						
1,1-Dichloroethene		ND	mg/m3	1.0						
1,1-Dichloropropene		ND	mg/m3	1.0						
1,2,3-Trichlorobenzene		ND	mg/m3	1.0						
1,2,3-Trichloropropane		ND	mg/m3	1.0						
1,2,4-Trichlorobenzene		ND	mg/m3	1.0						
1,2,4-Trimethylbenzene		ND	mg/m3	1.0						
1,2-Dibromo-3-chloropropane		ND	mg/m3	1.0						
1,2-Dibromoethane		ND	mg/m3	1.0						
1,2-Dichlorobenzene		ND	mg/m3	1.0						
1,2-Dichloroethane		ND	mg/m3	1.0						
1,2-Dichloropropane		ND	mg/m3	1.0						
1,3,5-Trimethylbenzene		ND	mg/m3	1.0						
1,3-Dichlorobenzene		ND	mg/m3	1.0						
1,3-Dichloropropane		ND	mg/m3	1.0						
1,4-Dichlorobenzene		ND	mg/m3	1.0						
2,2-Dichloropropane		ND	mg/m3	1.0						
2-Chlorotoluene		ND	mg/m3	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172786	
Sample ID: 23-Apr-13_MBLK_6	64	Method Blank				Run: 5975VOC1_130423A			04/23/13 10:53	
4-Chlorotoluene		ND	mg/m3	1.0						
Benzene		ND	mg/m3	1.0						
Bromobenzene		ND	mg/m3	1.0						
Bromochloromethane		ND	mg/m3	1.0						
Bromodichloromethane		ND	mg/m3	1.0						
Bromoform		ND	mg/m3	1.0						
Bromomethane		ND	mg/m3	1.0						
Carbon tetrachloride		ND	mg/m3	1.0						
Chlorobenzene		ND	mg/m3	1.0						
Chlorodibromomethane		ND	mg/m3	1.0						
Chloroethane		ND	mg/m3	1.0						
Chloroform		ND	mg/m3	1.0						
Chloromethane		ND	mg/m3	1.0						
cis-1,2-Dichloroethene		ND	mg/m3	1.0						
cis-1,3-Dichloropropene		ND	mg/m3	1.0						
Dibromomethane		ND	mg/m3	1.0						
Dichlorodifluoromethane		ND	mg/m3	1.0						
Ethylbenzene		ND	mg/m3	1.0						
Hexachlorobutadiene		ND	mg/m3	1.0						
Isopropylbenzene		ND	mg/m3	1.0						
m+p-Xylenes		ND	mg/m3	1.0						
Methyl ethyl ketone		ND	mg/m3	20						
Methylene chloride		ND	mg/m3	1.0						
Naphthalene		ND	mg/m3	1.0						
n-Butylbenzene		ND	mg/m3	1.0						
n-Propylbenzene		ND	mg/m3	1.0						
o-Xylene		ND	mg/m3	1.0						
p-Isopropyltoluene		ND	mg/m3	1.0						
sec-Butylbenzene		ND	mg/m3	1.0						
Styrene		ND	mg/m3	1.0						
tert-Butylbenzene		ND	mg/m3	1.0						
Tetrachloroethene		ND	mg/m3	1.0						
Toluene		ND	mg/m3	1.0						
trans-1,2-Dichloroethene		ND	mg/m3	1.0						
trans-1,3-Dichloropropene		ND	mg/m3	1.0						
Trichloroethene		ND	mg/m3	1.0						
Trichlorofluoromethane		ND	mg/m3	1.0						
Vinyl chloride		ND	mg/m3	1.0						
Surr: 1,2-Dichlorobenzene-d4				1.0	113	80	120			
Surr: Dibromofluoromethane				1.0	102	80	120			
Surr: p-Bromofluorobenzene				1.0	112	80	120			
Surr: Toluene-d8				1.0	107	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R172786	
Sample ID: C13040578-001AMS 64 Sample Matrix Spike									Run: 5975VOC1_130423A	
									04/23/13 12:05	
1,1,1,2-Tetrachloroethane		11.2	mg/m3	1.0	112	70	130			
1,1,1-Trichloroethane		12.8	mg/m3	1.0	128	70	130			
1,1,2,2-Tetrachloroethane		10.3	mg/m3	1.0	103	70	130			
1,1,2-Trichloroethane		11.0	mg/m3	1.0	110	70	130			
1,1-Dichloroethane		13.5	mg/m3	1.0	135	70	130			S
1,1-Dichloroethene		12.2	mg/m3	1.0	122	70	130			
1,1-Dichloropropene		12.6	mg/m3	1.0	126	70	130			
1,2,3-Trichlorobenzene		11.6	mg/m3	1.0	116	70	130			
1,2,3-Trichloropropane		10.5	mg/m3	1.0	105	70	130			
1,2,4-Trichlorobenzene		11.2	mg/m3	1.0	112	70	130			
1,2,4-Trimethylbenzene		11.0	mg/m3	1.0	110	70	130			
1,2-Dibromo-3-chloropropane		10.8	mg/m3	1.0	108	70	130			
1,2-Dibromoethane		10.6	mg/m3	1.0	106	70	130			
1,2-Dichlorobenzene		10.8	mg/m3	1.0	108	70	130			
1,2-Dichloroethane		11.3	mg/m3	1.0	113	70	130			
1,2-Dichloropropane		11.0	mg/m3	1.0	110	70	130			
1,3,5-Trimethylbenzene		11.1	mg/m3	1.0	111	70	130			
1,3-Dichlorobenzene		10.8	mg/m3	1.0	108	70	130			
1,3-Dichloropropane		11.0	mg/m3	1.0	110	70	130			
1,4-Dichlorobenzene		11.1	mg/m3	1.0	111	70	130			
2,2-Dichloropropane		14.2	mg/m3	1.0	142	70	130			S
2-Chlorotoluene		10.2	mg/m3	1.0	102	70	130			
4-Chlorotoluene		10.5	mg/m3	1.0	105	70	130			
Benzene		11.8	mg/m3	1.0	118	70	130			
Bromobenzene		10.7	mg/m3	1.0	107	70	130			
Bromochloromethane		12.2	mg/m3	1.0	122	70	130			
Bromodichloromethane		11.4	mg/m3	1.0	114	70	130			
Bromoform		10.3	mg/m3	1.0	103	70	130			
Bromomethane		8.92	mg/m3	1.0	89	70	130			
Carbon tetrachloride		13.2	mg/m3	1.0	132	70	130			S
Chlorobenzene		10.7	mg/m3	1.0	107	70	130			
Chlorodibromomethane		10.7	mg/m3	1.0	107	70	130			
Chloroethane		13.6	mg/m3	1.0	136	70	130			S
Chloroform		12.5	mg/m3	1.0	125	70	130			
Chloromethane		8.32	mg/m3	1.0	83	70	130			
cis-1,2-Dichloroethene		11.6	mg/m3	1.0	116	70	130			
cis-1,3-Dichloropropene		11.5	mg/m3	1.0	115	70	130			
Dibromomethane		11.8	mg/m3	1.0	118	70	130			
Dichlorodifluoromethane		9.80	mg/m3	1.0	98	70	130			
Ethylbenzene		10.9	mg/m3	1.0	109	70	130			
Hexachlorobutadiene		11.1	mg/m3	1.0	111	70	130			
Isopropylbenzene		10.2	mg/m3	1.0	102	70	130			
m+p-Xylenes		21.7	mg/m3	1.0	109	70	130			
Methyl ethyl ketone		105	mg/m3	20	105	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172786
Sample ID: C13040578-001AMS	64	Sample Matrix Spike		Run: 5975VOC1_130423A				04/23/13 12:05		
Methylene chloride		12.0	mg/m3	1.0	120	70	130			
Naphthalene		11.2	mg/m3	1.0	112	70	130			
n-Butylbenzene		11.4	mg/m3	1.0	114	70	130			
n-Propylbenzene		10.2	mg/m3	1.0	102	70	130			
o-Xylene		10.6	mg/m3	1.0	106	70	130			
p-Isopropyltoluene		12.3	mg/m3	1.0	123	70	130			
sec-Butylbenzene		10.2	mg/m3	1.0	102	70	130			
Styrene		11.5	mg/m3	1.0	115	70	130			
tert-Butylbenzene		10.7	mg/m3	1.0	107	70	130			
Tetrachloroethene		11.1	mg/m3	1.0	111	70	130			
Toluene		10.6	mg/m3	1.0	106	70	130			
trans-1,2-Dichloroethene		12.5	mg/m3	1.0	125	70	130			
trans-1,3-Dichloropropene		12.2	mg/m3	1.0	122	70	130			
Trichloroethene		11.1	mg/m3	1.0	111	70	130			
Trichlorofluoromethane		11.8	mg/m3	1.0	118	70	130			
Vinyl chloride		9.64	mg/m3	1.0	96	70	130			
Surr: 1,2-Dichlorobenzene-d4				1.0	104	80	120			
Surr: Dibromofluoromethane				1.0	109	80	120			
Surr: p-Bromofluorobenzene				1.0	103	80	120			
Surr: Toluene-d8				1.0	118	80	120			
Sample ID: C13040578-001AMSD	64	Sample Matrix Spike Duplicate		Run: 5975VOC1_130423A				04/23/13 12:40		
1,1,1,2-Tetrachloroethane		11.1	mg/m3	1.0	111	70	130	1.4	20	
1,1,1-Trichloroethane		12.0	mg/m3	1.0	120	70	130	6.8	20	
1,1,2,2-Tetrachloroethane		10.5	mg/m3	1.0	105	70	130	1.5	20	
1,1,2-Trichloroethane		10.7	mg/m3	1.0	107	70	130	2.2	20	
1,1-Dichloroethane		12.9	mg/m3	1.0	129	70	130	4.5	20	
1,1-Dichloroethene		11.7	mg/m3	1.0	117	70	130	4.0	20	
1,1-Dichloropropene		12.0	mg/m3	1.0	120	70	130	5.2	20	
1,2,3-Trichlorobenzene		11.5	mg/m3	1.0	115	70	130	1.4	20	
1,2,3-Trichloropropane		10.7	mg/m3	1.0	107	70	130	2.3	20	
1,2,4-Trichlorobenzene		10.8	mg/m3	1.0	108	70	130	3.6	20	
1,2,4-Trimethylbenzene		10.9	mg/m3	1.0	109	70	130	1.5	20	
1,2-Dibromo-3-chloropropane		10.8	mg/m3	1.0	108	70	130	0.0	20	
1,2-Dibromoethane		10.6	mg/m3	1.0	106	70	130	0.4	20	
1,2-Dichlorobenzene		10.7	mg/m3	1.0	107	70	130	0.7	20	
1,2-Dichloroethane		11.0	mg/m3	1.0	110	70	130	3.2	20	
1,2-Dichloropropane		10.4	mg/m3	1.0	104	70	130	4.9	20	
1,3,5-Trimethylbenzene		10.9	mg/m3	1.0	109	70	130	1.8	20	
1,3-Dichlorobenzene		10.6	mg/m3	1.0	106	70	130	2.6	20	
1,3-Dichloropropane		10.9	mg/m3	1.0	109	70	130	1.5	20	
1,4-Dichlorobenzene		10.9	mg/m3	1.0	109	70	130	2.2	20	
2,2-Dichloropropane		13.1	mg/m3	1.0	131	70	130	7.6	20	S
2-Chlorotoluene		10.0	mg/m3	1.0	100	70	130	1.2	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Deuell Environmental LLC

Report Date: 04/24/13

Project: 90125 Artesia

Work Order: C13040578

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B										Batch: R172786
Sample ID: C13040578-001AMSD 64 Sample Matrix Spike Duplicate										Run: 5975VOC1_130423A 04/23/13 12:40
4-Chlorotoluene		10.4	mg/m3	1.0	104	70	130	1.1	20	
Benzene		11.3	mg/m3	1.0	113	70	130	4.8	20	
Bromobenzene		10.6	mg/m3	1.0	106	70	130	0.4	20	
Bromochloromethane		12.2	mg/m3	1.0	122	70	130	0.0	20	
Bromodichloromethane		10.8	mg/m3	1.0	108	70	130	5.4	20	
Bromoform		10.7	mg/m3	1.0	107	70	130	3.8	20	
Bromomethane		9.36	mg/m3	1.0	94	70	130	4.8	20	
Carbon tetrachloride		12.1	mg/m3	1.0	121	70	130	8.2	20	
Chlorobenzene		10.3	mg/m3	1.0	103	70	130	4.2	20	
Chlorodibromomethane		10.5	mg/m3	1.0	105	70	130	1.9	20	
Chloroethane		14.0	mg/m3	1.0	140	70	130	2.6	20	S
Chloroform		11.8	mg/m3	1.0	118	70	130	5.6	20	
Chloromethane		12.4	mg/m3	1.0	124	70	130	40	20	R
cis-1,2-Dichloroethene		11.0	mg/m3	1.0	110	70	130	4.6	20	
cis-1,3-Dichloropropene		11.3	mg/m3	1.0	113	70	130	1.8	20	
Dibromomethane		11.6	mg/m3	1.0	116	70	130	1.7	20	
Dichlorodifluoromethane		9.20	mg/m3	1.0	92	70	130	6.3	20	
Ethylbenzene		10.3	mg/m3	1.0	103	70	130	5.7	20	
Hexachlorobutadiene		11.2	mg/m3	1.0	112	70	130	1.1	20	
Isopropylbenzene		10.1	mg/m3	1.0	101	70	130	1.6	20	
m+p-Xylenes		20.4	mg/m3	1.0	102	70	130	6.3	20	
Methyl ethyl ketone		108	mg/m3	20	108	70	130	3.4	20	
Methylene chloride		11.6	mg/m3	1.0	116	70	130	3.4	20	
Naphthalene		11.1	mg/m3	1.0	111	70	130	0.4	20	
n-Butylbenzene		11.1	mg/m3	1.0	111	70	130	3.2	20	
n-Propylbenzene		10.1	mg/m3	1.0	101	70	130	1.2	20	
o-Xylene		10.1	mg/m3	1.0	101	70	130	5.4	20	
p-Isopropyltoluene		12.0	mg/m3	1.0	120	70	130	2.6	20	
sec-Butylbenzene		10.0	mg/m3	1.0	100	70	130	1.2	20	
Styrene		11.0	mg/m3	1.0	110	70	130	4.6	20	
tert-Butylbenzene		10.6	mg/m3	1.0	106	70	130	0.7	20	
Tetrachloroethene		10.4	mg/m3	1.0	104	70	130	6.3	20	
Toluene		10.1	mg/m3	1.0	101	70	130	4.3	20	
trans-1,2-Dichloroethene		12.5	mg/m3	1.0	125	70	130	0.3	20	
trans-1,3-Dichloropropene		12.3	mg/m3	1.0	123	70	130	1.0	20	
Trichloroethene		10.4	mg/m3	1.0	104	70	130	6.3	20	
Trichlorofluoromethane		11.1	mg/m3	1.0	111	70	130	6.3	20	
Vinyl chloride		10.6	mg/m3	1.0	106	70	130	9.9	20	
Surr: 1,2-Dichlorobenzene-d4				1.0	106	80	120	0.0	10	
Surr: Dibromofluoromethane				1.0	108	80	120	0.0	10	
Surr: p-Bromofluorobenzene				1.0	104	80	120	0.0	10	
Surr: Toluene-d8				1.0	117	80	120	0.0	10	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Deuell Environmental LLC

C13040578

Login completed by: Debra Williams

Date Received: 4/17/2013

Reviewed by: BL2000\kmiller

Received by: dw

Reviewed Date: 4/18/2013

Carrier FedEx
name:

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☒	No ☐	
Temp Blank received?	Yes ☐	No ☐	Not Applicable ☒
Container/Temp Blank temperature:	N/A °C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

[illegible]

Sample Disposal: _____ Return to Client: _____ Lab Disposition: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

JULY 2013 DATA

ANALYTICAL REPORT

Job Number: 600-76796-1

Job Description: Dowell-Artesia Groundwaters 7/23-7/24/13

For:
CH2M Hill Constructors, Inc.
14701 St. Mary's Lane
Suite 300
Houston, TX 77079-2923
Attention: Mr. John Ynfante



Approved for release.
Cathy L. Upton
Data Delivery Analyst
8/15/2013 6:07 PM

Designee for
Neil A Rodriguez, Project Manager II
6310 Rothway Street, Houston, TX, 77040
(713)690-4444
neil.rodrigue@testamericainc.com
08/15/2013

cc: Mr. Rick Dobbins
Luke Hill
Jeffrey Minchak

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.

TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	6
Executive Summary	7
Method Summary	12
Method / Analyst Summary	13
Sample Datasheets	14
Surrogate Summary	64
QC Data Summary	67
Data Qualifiers	98
QC Association Summary	99
Lab Chronicle	101
Certification Summary	107
Organic Sample Data	108
GC/MS VOA	108
8260B_LL	108
8260B_LL QC Summary	109
8260B_LL Sample Data	148
Standards Data	198
8260B_LL ICAL Data	198
8260B_LL CCAL Data	208
Raw QC Data	220
8260B_LL Blank Data	220
8260B_LL LCS/LCSD Data	228
8260B_LL MS/MSD Data	236

Table of Contents

8260B_LL Run Logs	248
Shipping and Receiving Documents	253
Client Chain of Custody	254
Sample Receipt Checklist	257

CASE NARRATIVE

Client: CH2M Hill Constructors, Inc.

Project: Dowell-Artesia Groundwaters 7/23-7/24/13

Report Number: 600-76796-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Note: All samples that require thermal preservation are considered acceptable if the arrival temperature is within 2°C of the required temperature or method specified range. For samples with a specified temperature of 4°C, samples with a temperature ranging from just above freezing temperature of water to 6°C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

The samples were received on 07/25/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 5.1°C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples ARTESIA-MW32-3Q2013 (600-76796-1), ARTESIA-MW12-3Q2013 (600-76796-2), ARTESIA-MW13-3Q2013 (600-76796-3), ARTESIA-MW30-3Q2013 (600-76796-4), ARTESIA-DUP01-3Q2013 (600-76796-5), ARTESIA-MW29-3Q2013 (600-76796-6), ARTESIA-MW09-3Q2013 (600-76796-7), ARTESIA-MW15-3Q2013 (600-76796-8), ARTESIA-TANK01-3Q2013 (600-76796-9), ARTESIA-MW33-3Q2013 (600-76796-10), ARTESIA-MW20-3Q2013 (600-76796-11), ARTESIA-MW28-3Q2013 (600-76796-12), ARTESIA-MW27-3Q2013 (600-76796-13), ARTESIA-MW22-3Q2013 (600-76796-14), ARTESIA-MW25-3Q2013 (600-76796-15), ARTESIA-DUP02-3Q2013 (600-76796-16), ARTESIA-MW21-3Q2013 (600-76796-17), ARTESIA-MW31-3Q2013 (600-76796-18), ARTESIA-MW18-3Q2013 (600-76796-19), ARTESIA-MW11-3Q2013 (600-76796-20), ARTESIA-MW08-3Q2013 (600-76796-21), ARTESIA-MW26-3Q2013 (600-76796-22), ARTESIA-TB01-3Q2013 (600-76796-23) and ARTESIA-TANK02-3Q2013 (600-76796-24) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/26/2013, 07/29/2013, 07/30/2013 and 07/31/2013.

2-Chloroethyl vinyl ether failed the recovery criteria low for the MS of sample ARTESIA-MW21-3Q2013MS (600-76796-17) in batch 600-111811. Naphthalene failed the recovery criteria high.

For the MSD of sample ARTESIA-MW21-3Q2013MSD (600-76796-17) in batch 600-111811, 2-Chloroethyl vinyl ether failed the recovery criteria low. Naphthalene failed the recovery criteria high. Also, Naphthalene exceeded the RPD limit.

2-Chloroethyl vinyl ether and Chloromethane failed the recovery criteria low for the MS of sample ARTESIA-MW32-3Q2013MS (600-76796-1) in batch 600-111710. Dichlorodifluoromethane failed the recovery criteria high.

For the MSD of sample ARTESIA-MW32-3Q2013MSD (600-76796-1) in batch 600-111710, 2-Chloroethyl vinyl ether, Chloromethane and Styrene failed the recovery criteria low. Dichlorodifluoromethane failed the recovery criteria high. Also, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Styrene exceeded the RPD limit.

1,2,3-Trichlorobenzene, 2-Chloroethyl vinyl ether and Naphthalene failed the recovery criteria low for the MS of sample ARTESIA-MW12-3Q2013MS (600-76796-2) in batch 600-111958.

2-Chloroethyl vinyl ether failed the recovery criteria low for the MSD of sample ARTESIA-MW12-3Q2013MSD (600-76796-2) in batch 600-111958. 1,2-Dibromo-3-Chloropropane exceeded the RPD limit.

Matrix interference is suspected. The associated laboratory control samples (LCSs) met acceptance criteria.

Refer to the QC report for details.

The continuing calibration verification (CCV) for carbon tetrachloride (36.4%) and 1,2,3-trichlorobenzene (42.8%) associated with batch 111811 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

Samples ARTESIA-MW12-3Q2013 (600-76796-2)[10X] and ARTESIA-DUP01-3Q2013 (600-76796-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-76796-1	ARTESIA-MW32-3Q2013	Water	07/23/2013 1620	07/25/2013 0936
600-76796-2	ARTESIA-MW12-3Q2013	Water	07/23/2013 1315	07/25/2013 0936
600-76796-3	ARTESIA-MW13-3Q2013	Water	07/23/2013 1055	07/25/2013 0936
600-76796-4	ARTESIA-MW30-3Q2013	Water	07/23/2013 1725	07/25/2013 0936
600-76796-5	ARTESIA-DUP01-3Q2013	Water	07/23/2013 1320	07/25/2013 0936
600-76796-6	ARTESIA-MW29-3Q2013	Water	07/23/2013 1550	07/25/2013 0936
600-76796-7	ARTESIA-MW09-3Q2013	Water	07/23/2013 1155	07/25/2013 0936
600-76796-8	ARTESIA-MW15-3Q2013	Water	07/23/2013 1130	07/25/2013 0936
600-76796-9	ARTESIA-TANK01-3Q2013	Water	07/23/2013 1720	07/25/2013 0936
600-76796-10	ARTESIA-MW33-3Q2013	Water	07/23/2013 1700	07/25/2013 0936
600-76796-11	ARTESIA-MW20-3Q2013	Water	07/23/2013 1445	07/25/2013 0936
600-76796-12	ARTESIA-MW28-3Q2013	Water	07/23/2013 1520	07/25/2013 0936
600-76796-13	ARTESIA-MW27-3Q2013	Water	07/24/2013 0825	07/25/2013 0936
600-76796-14	ARTESIA-MW22-3Q2013	Water	07/24/2013 0900	07/25/2013 0936
600-76796-15	ARTESIA-MW25-3Q2013	Water	07/24/2013 0925	07/25/2013 0936
600-76796-16	ARTESIA-DUP02-3Q2013	Water	07/24/2013 0935	07/25/2013 0936
600-76796-17	ARTESIA-MW21-3Q2013	Water	07/24/2013 0955	07/25/2013 0936
600-76796-17MS	ARTESIA-MW21-3Q2013	Water	07/24/2013 0955	07/25/2013 0936
600-76796-17MSD	ARTESIA-MW21-3Q2013	Water	07/24/2013 0955	07/25/2013 0936
600-76796-18	ARTESIA-MW31-3Q2013	Water	07/24/2013 1025	07/25/2013 0936
600-76796-19	ARTESIA-MW18-3Q2013	Water	07/24/2013 1055	07/25/2013 0936
600-76796-20	ARTESIA-MW11-3Q2013	Water	07/24/2013 1120	07/25/2013 0936
600-76796-21	ARTESIA-MW08-3Q2013	Water	07/24/2013 1140	07/25/2013 0936
600-76796-22	ARTESIA-MW26-3Q2013	Water	07/24/2013 0800	07/25/2013 0936
600-76796-23	ARTESIA-TB01-3Q2013	Water	07/23/2013 0700	07/25/2013 0936
600-76796-24	ARTESIA-TANK02-3Q2013	Water	07/24/2013 1420	07/25/2013 0936

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-76796-1 ARTESIA-MW32-3Q2013						
1,1-Dichloroethene		8.08		1.00	ug/L	8260B
Benzene		0.0830	J	1.00	ug/L	8260B
Trichloroethene		1.59		1.00	ug/L	8260B
1,1-Dichloroethane		1.24		1.00	ug/L	8260B
Tetrachloroethene		7.50		1.00	ug/L	8260B
600-76796-2 ARTESIA-MW12-3Q2013						
1,1-Dichloroethene		1.32		1.00	ug/L	8260B
cis-1,2-Dichloroethene		24.9		1.00	ug/L	8260B
Benzene		4.32		1.00	ug/L	8260B
Trichloroethene		1.95		1.00	ug/L	8260B
1,1-Dichloroethane		16.5		1.00	ug/L	8260B
Tetrachloroethene		0.496	J	1.00	ug/L	8260B
Chlorobenzene		0.183	J	1.00	ug/L	8260B
Ethylbenzene		162		10.0	ug/L	8260B
m-Xylene & p-Xylene		49.2		1.00	ug/L	8260B
Xylenes, Total		50.1		1.00	ug/L	8260B
o-Xylene		0.939	J	1.00	ug/L	8260B
Isopropylbenzene		96.0		10.0	ug/L	8260B
N-Propylbenzene		148		10.0	ug/L	8260B
1,3,5-Trimethylbenzene		0.771	J	1.00	ug/L	8260B
tert-Butylbenzene		0.185	J	1.00	ug/L	8260B
p-Isopropyltoluene		1.21		1.00	ug/L	8260B
1,2,4-Trimethylbenzene		282		10.0	ug/L	8260B
sec-Butylbenzene		6.18		1.00	ug/L	8260B
n-Butylbenzene		5.14		1.00	ug/L	8260B
Naphthalene		43.2		2.00	ug/L	8260B
600-76796-3 ARTESIA-MW13-3Q2013						
Trichloroethene		0.412	J	1.00	ug/L	8260B
Tetrachloroethene		0.269	J	1.00	ug/L	8260B
600-76796-4 ARTESIA-MW30-3Q2013						
1,1-Dichloroethene		38.1		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.175	J	1.00	ug/L	8260B
Benzene		0.106	J	1.00	ug/L	8260B
Trichloroethene		7.85		1.00	ug/L	8260B
1,1-Dichloroethane		7.51		1.00	ug/L	8260B
Tetrachloroethene		35.7		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-76796-5 ARTESIA-DUP01-3Q2013						
1,1-Dichloroethene		1.19		1.00	ug/L	8260B
cis-1,2-Dichloroethene		20.8		1.00	ug/L	8260B
Benzene		3.75		1.00	ug/L	8260B
Trichloroethene		1.92		1.00	ug/L	8260B
1,1-Dichloroethane		14.7		1.00	ug/L	8260B
Tetrachloroethene		0.509	J	1.00	ug/L	8260B
Chlorobenzene		0.174	J	1.00	ug/L	8260B
Ethylbenzene		108		10.0	ug/L	8260B
m-Xylene & p-Xylene		47.9		1.00	ug/L	8260B
Xylenes, Total		48.8		1.00	ug/L	8260B
o-Xylene		0.927	J	1.00	ug/L	8260B
Isopropylbenzene		59.4		10.0	ug/L	8260B
N-Propylbenzene		85.8		10.0	ug/L	8260B
1,3,5-Trimethylbenzene		0.903	J	1.00	ug/L	8260B
tert-Butylbenzene		0.172	J	1.00	ug/L	8260B
p-Isopropyltoluene		1.22		1.00	ug/L	8260B
1,2,4-Trimethylbenzene		183		10.0	ug/L	8260B
sec-Butylbenzene		5.92		1.00	ug/L	8260B
n-Butylbenzene		4.85		1.00	ug/L	8260B
1,2,4-Trichlorobenzene		0.705	J	1.00	ug/L	8260B
Naphthalene		45.7		2.00	ug/L	8260B
600-76796-6 ARTESIA-MW29-3Q2013						
1,1-Dichloroethene		9.66		1.00	ug/L	8260B
Trichloroethene		1.65		1.00	ug/L	8260B
1,1-Dichloroethane		0.970	J	1.00	ug/L	8260B
Tetrachloroethene		3.76		1.00	ug/L	8260B
600-76796-7 ARTESIA-MW09-3Q2013						
1,1-Dichloroethene		0.333	J	1.00	ug/L	8260B
trans-1,2-Dichloroethene		0.338	J	1.00	ug/L	8260B
Methyl tert-butyl ether		0.410	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		2.20		1.00	ug/L	8260B
Trichloroethene		18.4		1.00	ug/L	8260B
Tetrachloroethene		0.233	J	1.00	ug/L	8260B
600-76796-8 ARTESIA-MW15-3Q2013						
1,1-Dichloroethene		0.196	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		5.50		1.00	ug/L	8260B
Trichloroethene		43.3		1.00	ug/L	8260B
1,1-Dichloroethane		0.378	J	1.00	ug/L	8260B
Tetrachloroethene		1.38		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-76796-9	ARTESIA-TANK01-3Q2013					
1,1-Dichloroethane		0.248	J	1.00	ug/L	8260B
600-76796-11	ARTESIA-MW20-3Q2013					
Vinyl chloride		0.172	J	2.00	ug/L	8260B
1,1-Dichloroethene		3.00		1.00	ug/L	8260B
Methyl tert-butyl ether		2.65		1.00	ug/L	8260B
cis-1,2-Dichloroethene		2.64		1.00	ug/L	8260B
Benzene		0.232	J	1.00	ug/L	8260B
Trichloroethene		4.33		1.00	ug/L	8260B
1,1-Dichloroethane		11.9		1.00	ug/L	8260B
Tetrachloroethene		3.48		1.00	ug/L	8260B
Chlorobenzene		0.154	J	1.00	ug/L	8260B
600-76796-12	ARTESIA-MW28-3Q2013					
1,1-Dichloroethene		19.7		1.00	ug/L	8260B
Methyl tert-butyl ether		1.29		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.627	J	1.00	ug/L	8260B
Benzene		0.111	J	1.00	ug/L	8260B
Trichloroethene		7.86		1.00	ug/L	8260B
1,1-Dichloroethane		9.20		1.00	ug/L	8260B
Tetrachloroethene		22.4		1.00	ug/L	8260B
600-76796-14	ARTESIA-MW22-3Q2013					
1,1-Dichloroethene		13.5		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.408	J	1.00	ug/L	8260B
Benzene		0.108	J	1.00	ug/L	8260B
Trichloroethene		5.67		1.00	ug/L	8260B
1,1-Dichloroethane		5.60		1.00	ug/L	8260B
Tetrachloroethene		16.2		1.00	ug/L	8260B
Naphthalene		0.852	J	2.00	ug/L	8260B
600-76796-15	ARTESIA-MW25-3Q2013					
1,1-Dichloroethene		19.0		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.173	J	1.00	ug/L	8260B
Benzene		0.0882	J	1.00	ug/L	8260B
Trichloroethene		5.59		1.00	ug/L	8260B
1,1-Dichloroethane		6.57		1.00	ug/L	8260B
Tetrachloroethene		23.2		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-76796-16	ARTESIA-DUP02-3Q2013					
1,1-Dichloroethene		19.6		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.179	J	1.00	ug/L	8260B
Benzene		0.0853	J	1.00	ug/L	8260B
Trichloroethene		5.98		1.00	ug/L	8260B
1,1-Dichloroethane		6.61		1.00	ug/L	8260B
Tetrachloroethene		25.8		1.00	ug/L	8260B
600-76796-17	ARTESIA-MW21-3Q2013					
1,1-Dichloroethene		1.50		1.00	ug/L	8260B
Trichloroethene		0.261	J	1.00	ug/L	8260B
1,1-Dichloroethane		1.93		1.00	ug/L	8260B
Tetrachloroethene		1.20		1.00	ug/L	8260B
600-76796-18	ARTESIA-MW31-3Q2013					
Tetrachloroethene		0.388	J	1.00	ug/L	8260B
600-76796-19	ARTESIA-MW18-3Q2013					
1,1-Dichloroethene		9.20		1.00	ug/L	8260B
Benzene		0.172	J	1.00	ug/L	8260B
Trichloroethene		1.62		1.00	ug/L	8260B
1,1-Dichloroethane		2.17		1.00	ug/L	8260B
Tetrachloroethene		9.93		1.00	ug/L	8260B
600-76796-20	ARTESIA-MW11-3Q2013					
1,1-Dichloroethene		0.548	J	1.00	ug/L	8260B
Methyl tert-butyl ether		0.509	J	1.00	ug/L	8260B
Trichloroethene		0.934	J	1.00	ug/L	8260B
1,1-Dichloroethane		2.11		1.00	ug/L	8260B
Tetrachloroethene		2.05		1.00	ug/L	8260B
600-76796-21	ARTESIA-MW08-3Q2013					
1,1-Dichloroethene		1.67		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.258	J	1.00	ug/L	8260B
Trichloroethene		1.36		1.00	ug/L	8260B
1,1-Dichloroethane		1.92		1.00	ug/L	8260B
Tetrachloroethene		1.80		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-76796-22	ARTESIA-MW26-3Q2013					
1,1-Dichloroethene		0.501	J	1.00	ug/L	8260B
Trichloroethene		0.260	J	1.00	ug/L	8260B
Tetrachloroethene		0.488	J	1.00	ug/L	8260B
600-76796-24	ARTESIA-TANK02-3Q2013					
Naphthalene		1.25	J	2.00	ug/L	8260B

METHOD SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL HOU	SW846 8260B	
Purge and Trap	TAL HOU		SW846 5030B

Lab References:

TAL HOU = TestAmerica Houston

Method References:

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

METHOD / ANALYST SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method	Analyst	Analyst ID
SW846 8260B	Teng, Danica	DT1

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW32-3Q2013

Lab Sample ID: 600-76796-1

Date Sampled: 07/23/2013 1620

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1507			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	8.08		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0830	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.59		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.24		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	7.50		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW32-3Q2013

Lab Sample ID: 600-76796-1

Date Sampled: 07/23/2013 1620

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1507			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		67 - 139
Dibromofluoromethane	89		62 - 130
Toluene-d8 (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW12-3Q2013

Lab Sample ID: 600-76796-2

Date Sampled: 07/23/2013 1315

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21109.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1413			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.32		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	24.9		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	4.32		0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.95		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	16.5		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.496	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.183	J	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
m-Xylene & p-Xylene	49.2		0.170	1.00
Xylenes, Total	50.1		0.260	1.00
o-Xylene	0.939	J	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW12-3Q2013

Lab Sample ID: 600-76796-2

Date Sampled: 07/23/2013 1315

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21109.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1413			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	0.771	J	0.100	1.00
tert-Butylbenzene	0.185	J	0.0800	1.00
p-Isopropyltoluene	1.21		0.100	1.00
sec-Butylbenzene	6.18		0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	5.14		0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	43.2		0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW12-3Q2013

Lab Sample ID: 600-76796-2

Date Sampled: 07/23/2013 1315

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21113.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1607	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	162		1.10	10.0
Isopropylbenzene	96.0		1.80	10.0
N-Propylbenzene	148		1.50	10.0
1,2,4-Trimethylbenzene	282		1.40	10.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		67 - 139
Dibromofluoromethane	83		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW13-3Q2013

Lab Sample ID: 600-76796-3

Date Sampled: 07/23/2013 1055

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1535			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.412	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.269	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW13-3Q2013

Lab Sample ID: 600-76796-3

Date Sampled: 07/23/2013 1055

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1535			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		67 - 139
Dibromofluoromethane	90		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	102		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW30-3Q2013

Lab Sample ID: 600-76796-4

Date Sampled: 07/23/2013 1725

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1923			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1923				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	38.1		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.175	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.106	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	7.85		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	7.51		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	35.7		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW30-3Q2013

Lab Sample ID: 600-76796-4

Date Sampled: 07/23/2013 1725

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1923			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1923				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		67 - 139
Dibromofluoromethane	88		62 - 130
Toluene-d8 (Surr)	95		70 - 130
1,2-Dichloroethane-d4 (Surr)	102		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-DUP01-3Q2013

Lab Sample ID: 600-76796-5

Date Sampled: 07/23/2013 1320

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21008.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1603			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1603				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.19		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	20.8		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	3.75		0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.92		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	14.7		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.509	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.174	J	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
m-Xylene & p-Xylene	47.9		0.170	1.00
Xylenes, Total	48.8		0.260	1.00
o-Xylene	0.927	J	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-DUP01-3Q2013

Lab Sample ID: 600-76796-5

Date Sampled: 07/23/2013 1320

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21008.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1603			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1603				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	0.903	J	0.100	1.00
tert-Butylbenzene	0.172	J	0.0800	1.00
p-Isopropyltoluene	1.22		0.100	1.00
sec-Butylbenzene	5.92		0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	4.85		0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.705	J	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	45.7		0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-DUP01-3Q2013

Lab Sample ID: 600-76796-5

Date Sampled: 07/23/2013 1320

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21124.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 2121	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 2121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	108		1.10	10.0
Isopropylbenzene	59.4		1.80	10.0
N-Propylbenzene	85.8		1.50	10.0
1,2,4-Trimethylbenzene	183		1.40	10.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	89		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW29-3Q2013

Lab Sample ID: 600-76796-6

Date Sampled: 07/23/2013 1550

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1952			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	9.66		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.65		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.970	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	3.76		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW29-3Q2013

Lab Sample ID: 600-76796-6

Date Sampled: 07/23/2013 1550

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1952			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		67 - 139
Dibromofluoromethane	89		62 - 130
Toluene-d8 (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW09-3Q2013

Lab Sample ID: 600-76796-7

Date Sampled: 07/23/2013 1155

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 2020			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.333	J	0.190	1.00
trans-1,2-Dichloroethene	0.338	J	0.0900	1.00
Methyl tert-butyl ether	0.410	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	2.20		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	18.4		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.233	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW09-3Q2013

Lab Sample ID: 600-76796-7

Date Sampled: 07/23/2013 1155

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 2020			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		67 - 139
Dibromofluoromethane	89		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	100		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW15-3Q2013

Lab Sample ID: 600-76796-8

Date Sampled: 07/23/2013 1130

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 2049			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.196	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	5.50		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	43.3		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.378	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.38		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW15-3Q2013

Lab Sample ID: 600-76796-8

Date Sampled: 07/23/2013 1130

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A20717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 2049			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		67 - 139
Dibromofluoromethane	93		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	106		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TANK01-3Q2013

Lab Sample ID: 600-76796-9

Date Sampled: 07/23/2013 1720

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21015.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1923			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1923				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.248	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TANK01-3Q2013

Lab Sample ID: 600-76796-9

Date Sampled: 07/23/2013 1720

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21015.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1923			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1923				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		67 - 139
Dibromofluoromethane	85		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW33-3Q2013

Lab Sample ID: 600-76796-10

Date Sampled: 07/23/2013 1700

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21016.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1951			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW33-3Q2013

Lab Sample ID: 600-76796-10

Date Sampled: 07/23/2013 1700

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21016.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1951			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW20-3Q2013

Lab Sample ID: 600-76796-11

Date Sampled: 07/23/2013 1445

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21017.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2020			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.172	J	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	3.00		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	2.65		0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	2.64		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.232	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	4.33		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	11.9		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	3.48		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.154	J	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW20-3Q2013

Lab Sample ID: 600-76796-11

Date Sampled: 07/23/2013 1445

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21017.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2020			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW28-3Q2013

Lab Sample ID: 600-76796-12

Date Sampled: 07/23/2013 1520

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21018.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2048			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2048				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	19.7		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	1.29		0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.627	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.111	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	7.86		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	9.20		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	22.4		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW28-3Q2013

Lab Sample ID: 600-76796-12

Date Sampled: 07/23/2013 1520

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21018.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2048			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2048				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		67 - 139
Dibromofluoromethane	86		62 - 130
Toluene-d8 (Surr)	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW27-3Q2013

Lab Sample ID: 600-76796-13

Date Sampled: 07/24/2013 0825

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21019.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2117			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW27-3Q2013

Lab Sample ID: 600-76796-13

Date Sampled: 07/24/2013 0825

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21019.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 2117			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 2117				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		67 - 139
Dibromofluoromethane	86		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW22-3Q2013

Lab Sample ID: 600-76796-14

Date Sampled: 07/24/2013 0900

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21118.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1830			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1830				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	13.5		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.408	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.108	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	5.67		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	5.60		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	16.2		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW22-3Q2013

Lab Sample ID: 600-76796-14

Date Sampled: 07/24/2013 0900

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21118.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1830			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1830				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.852	J	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		67 - 139
Dibromofluoromethane	86		62 - 130
Toluene-d8 (Surr)	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW25-3Q2013

Lab Sample ID: 600-76796-15

Date Sampled: 07/24/2013 0925

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21119.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1859			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1859				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	19.0		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.173	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0882	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	5.59		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	6.57		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	23.2		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW25-3Q2013

Lab Sample ID: 600-76796-15

Date Sampled: 07/24/2013 0925

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21119.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1859			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1859				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		67 - 139
Dibromofluoromethane	83		62 - 130
Toluene-d8 (Surr)	89		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-DUP02-3Q2013

Lab Sample ID: 600-76796-16

Date Sampled: 07/24/2013 0935

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21005.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1437			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1437				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	19.6		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.179	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0853	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	5.98		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	6.61		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	25.8		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-DUP02-3Q2013

Lab Sample ID: 600-76796-16

Date Sampled: 07/24/2013 0935

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21005.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1437			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1437				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		67 - 139
Dibromofluoromethane	83		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW21-3Q2013

Lab Sample ID: 600-76796-17

Date Sampled: 07/24/2013 0955

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21006.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1506			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.50		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.261	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.93		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.20		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW21-3Q2013

Lab Sample ID: 600-76796-17

Date Sampled: 07/24/2013 0955

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21006.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1506			Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1506				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		67 - 139
Dibromofluoromethane	85		62 - 130
Toluene-d8 (Surr)	91		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW31-3Q2013

Lab Sample ID: 600-76796-18

Date Sampled: 07/24/2013 1025

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21120.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1928			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.388	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW31-3Q2013

Lab Sample ID: 600-76796-18

Date Sampled: 07/24/2013 1025

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21120.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1928			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		67 - 139
Dibromofluoromethane	82		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW18-3Q2013

Lab Sample ID: 600-76796-19

Date Sampled: 07/24/2013 1055

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21121.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1956			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	9.20		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.172	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.62		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	2.17		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	9.93		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW18-3Q2013

Lab Sample ID: 600-76796-19

Date Sampled: 07/24/2013 1055

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21121.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1956			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	98		67 - 139
Dibromofluoromethane	87		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW11-3Q2013

Lab Sample ID: 600-76796-20

Date Sampled: 07/24/2013 1120

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21122.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 2024			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 2024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.548	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.509	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.934	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	2.11		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	2.05		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW11-3Q2013

Lab Sample ID: 600-76796-20

Date Sampled: 07/24/2013 1120

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21122.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 2024			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 2024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	89		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW08-3Q2013

Lab Sample ID: 600-76796-21

Date Sampled: 07/24/2013 1140

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21123.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 2053			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 2053				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.67		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.258	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.36		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.92		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.80		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW08-3Q2013

Lab Sample ID: 600-76796-21

Date Sampled: 07/24/2013 1140

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21123.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 2053			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 2053				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	91		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW26-3Q2013

Lab Sample ID: 600-76796-22

Date Sampled: 07/24/2013 0800

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-112020	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21207.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/31/2013 1259			Final Weight/Volume:	20 mL
Prep Date:	07/31/2013 1259				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.501	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.260	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.488	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-MW26-3Q2013

Lab Sample ID: 600-76796-22

Date Sampled: 07/24/2013 0800

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-112020	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21207.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/31/2013 1259			Final Weight/Volume:	20 mL
Prep Date:	07/31/2013 1259				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TB01-3Q2013

Lab Sample ID: 600-76796-23

Date Sampled: 07/23/2013 0700

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21106.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1247			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1247				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TB01-3Q2013

Lab Sample ID: 600-76796-23

Date Sampled: 07/23/2013 0700

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21106.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1247			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1247				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		67 - 139
Dibromofluoromethane	87		62 - 130
Toluene-d8 (Surr)	95		70 - 130
1,2-Dichloroethane-d4 (Surr)	97		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TANK02-3Q2013

Lab Sample ID: 600-76796-24

Date Sampled: 07/24/2013 1420

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21117.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1802			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Client Sample ID: ARTESIA-TANK02-3Q2013

Lab Sample ID: 600-76796-24

Date Sampled: 07/24/2013 1420

Client Matrix: Water

Date Received: 07/25/2013 0936

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A21117.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1802			Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	1.25	J	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	100		67 - 139
Dibromofluoromethane	84		62 - 130
Toluene-d8 (Surr)	88		70 - 130
1,2-Dichloroethane-d4 (Surr)	95		50 - 134

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-76796-1	ARTESIA-MW32-3Q2 013	89	99	96	102
600-76796-2	ARTESIA-MW12-3Q2 013	84	94	94	90
600-76796-2 DL	ARTESIA-MW12-3Q2 013 DL	83	92	93	95
600-76796-3	ARTESIA-MW13-3Q2 013	90	102	93	106
600-76796-4	ARTESIA-MW30-3Q2 013	88	102	95	99
600-76796-5	ARTESIA-DUP01-3Q 2013	84	92	94	90
600-76796-5 DL	ARTESIA-DUP01-3Q 2013 DL	84	95	89	94
600-76796-6	ARTESIA-MW29-3Q2 013	89	99	97	102
600-76796-7	ARTESIA-MW09-3Q2 013	89	100	94	102
600-76796-8	ARTESIA-MW15-3Q2 013	93	106	93	105
600-76796-9	ARTESIA-TANK01-3Q 2013	85	95	94	101
600-76796-10	ARTESIA-MW33-3Q2 013	84	97	94	99
600-76796-11	ARTESIA-MW20-3Q2 013	84	95	92	98
600-76796-12	ARTESIA-MW28-3Q2 013	86	94	92	99
600-76796-13	ARTESIA-MW27-3Q2 013	86	99	94	98
600-76796-14	ARTESIA-MW22-3Q2 013	86	96	92	100
600-76796-15	ARTESIA-MW25-3Q2 013	83	92	89	103
600-76796-16	ARTESIA-DUP02-3Q 2013	83	93	93	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-76796-17	ARTESIA-MW21-3Q2 013	85	97	91	102
600-76796-18	ARTESIA-MW31-3Q2 013	82	92	93	99
600-76796-19	ARTESIA-MW18-3Q2 013	87	94	93	98
600-76796-20	ARTESIA-MW11-3Q2 013	84	97	89	100
600-76796-21	ARTESIA-MW08-3Q2 013	84	95	91	97
600-76796-22	ARTESIA-MW26-3Q2 013	84	95	97	105
600-76796-23	ARTESIA-TB01-3Q20 13	87	97	95	107
600-76796-24	ARTESIA-TANK02-3Q 2013	84	95	88	100
MB 600-111710/4		85	98	100	103
MB 600-111811/4		84	95	92	96
MB 600-111958/4		88	100	93	103
MB 600-112020/4		86	98	91	105
LCS 600-111710/3		99	102	102	104
LCS 600-111811/5		88	96	100	98
LCS 600-111958/3		93	97	97	100
LCS 600-112020/3		92	99	92	97
600-76796-1 MS	ARTESIA-MW32-3Q2 013 MS	94	98	93	94
600-76796-2 MS DL	ARTESIA-MW12-3Q2 013 MS DL	87	92	94	93
600-76796-17 MS	ARTESIA-MW21-3Q2 013 MS	86	89	93	92
600-76796-1 MSD	ARTESIA-MW32-3Q2 013 MSD	94	96	92	95
600-76796-2 MSD DL	ARTESIA-MW12-3Q2 013 MSD DL	86	89	94	93

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-76796-17 MSD	ARTESIA-MW21-3Q2 013 MSD	86	91	91	94

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111710

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111710/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/26/2013 1438
Prep Date: 07/26/2013 1438
Leach Date: N/A

Analysis Batch: 600-111710
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS07
Lab File ID: A20704.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111710

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111710/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/26/2013 1438
 Prep Date: 07/26/2013 1438
 Leach Date: N/A

Analysis Batch: 600-111710
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A20704.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	67 - 139
Dibromofluoromethane	85	62 - 130
Toluene-d8 (Surr)	100	70 - 130
1,2-Dichloroethane-d4 (Surr)	98	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111710

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-111710/3	Analysis Batch: 600-111710	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A20702.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/26/2013 1312	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 07/26/2013 1312		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	4.878	49	12 - 136	
Chloromethane	10.0	7.724	77	32 - 151	
Vinyl chloride	10.0	9.879	99	47 - 146	
Bromomethane	10.0	11.18	112	52 - 146	
Chloroethane	10.0	10.93	109	56 - 144	
Trichlorofluoromethane	10.0	10.70	107	55 - 142	
1,1-Dichloroethene	10.0	10.83	108	59 - 145	
trans-1,2-Dichloroethene	10.0	8.304	83	70 - 132	
Methyl tert-butyl ether	10.0	9.188	92	63 - 142	
Methylene Chloride	10.0	8.633	86	62 - 134	
cis-1,2-Dichloroethene	10.0	8.969	90	69 - 129	
2-Butanone (MEK)	20.0	15.51	78	59 - 133	
Bromochloromethane	10.0	8.217	82	60 - 141	
Carbon tetrachloride	10.0	10.61	106	59 - 147	
Benzene	10.0	9.646	96	69 - 131	
1,2-Dichloroethane	10.0	10.20	102	66 - 140	
Trichloroethene	10.0	9.965	100	68 - 130	
1,1,1-Trichloroethane	10.0	10.37	104	65 - 142	
1,1-Dichloroethane	10.0	9.189	92	66 - 126	
1,2-Dichloropropane	10.0	9.213	92	72 - 125	
2,2-Dichloropropane	10.0	9.874	99	43 - 169	
Dibromomethane	10.0	9.629	96	68 - 134	
Chloroform	10.0	8.762	88	69 - 128	
Bromodichloromethane	10.0	9.862	99	73 - 130	
2-Chloroethyl vinyl ether	10.0	7.614	76	10 - 209	
1,1-Dichloropropene	10.0	9.119	91	59 - 134	
cis-1,3-Dichloropropene	10.0	7.734	77	60 - 135	
Toluene	10.0	9.229	92	67 - 130	
trans-1,3-Dichloropropene	10.0	8.662	87	63 - 133	
1,1,2-Trichloroethane	10.0	9.250	93	68 - 130	
Tetrachloroethene	10.0	9.284	93	61 - 142	
1,3-Dichloropropane	10.0	9.263	93	62 - 132	
Chlorodibromomethane	10.0	8.600	86	58 - 132	
1,2-Dibromoethane	10.0	9.222	92	68 - 128	
Chlorobenzene	10.0	8.455	85	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	9.553	96	57 - 136	
Ethylbenzene	10.0	9.156	92	68 - 128	
m-Xylene & p-Xylene	20.0	18.57	93	67 - 132	
Xylenes, Total	30.0	27.42	91	68 - 132	
o-Xylene	10.0	8.845	88	68 - 134	
Styrene	10.0	9.206	92	68 - 133	
Bromoform	10.0	8.068	81	39 - 149	
Isopropylbenzene	10.0	9.529	95	79 - 146	
Bromobenzene	10.0	9.638	96	61 - 134	
1,2,3-Trichloropropane	10.0	9.289	93	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	8.991	90	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111710

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-111710/3	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A20702.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1312	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1312				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.691	97	61 - 137	
2-Chlorotoluene	10.0	9.027	90	58 - 135	
4-Chlorotoluene	10.0	9.803	98	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.615	96	63 - 132	
tert-Butylbenzene	10.0	10.28	103	67 - 148	
p-Isopropyltoluene	10.0	10.74	107	63 - 138	
1,2,4-Trimethylbenzene	10.0	9.694	97	63 - 131	
sec-Butylbenzene	10.0	9.695	97	61 - 134	
1,3-Dichlorobenzene	10.0	9.096	91	71 - 132	
1,4-Dichlorobenzene	10.0	9.861	99	72 - 131	
1,2-Dichlorobenzene	10.0	9.306	93	71 - 133	
n-Butylbenzene	10.0	10.46	105	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	8.096	81	43 - 141	
1,2,4-Trichlorobenzene	10.0	9.533	95	55 - 151	
Hexachlorobutadiene	10.0	9.450	95	53 - 140	
Naphthalene	10.0	10.80	108	19 - 195	
1,2,3-Trichlorobenzene	10.0	11.03	110	38 - 152	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	104		67 - 139		
Dibromofluoromethane	99		62 - 130		
Toluene-d8 (Surr)	102		70 - 130		
1,2-Dichloroethane-d4 (Surr)	102		50 - 134		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-111710

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-76796-1	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A20709.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1701			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1701				
Leach Date:	N/A				

MSD Lab Sample ID:	600-76796-1	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A20710.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1729			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1729				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	149	154	60 - 140	3	30	F	F
Chloromethane	54	53	60 - 140	2	30	F	F
Vinyl chloride	83	79	60 - 140	6	30		
Bromomethane	105	100	60 - 140	5	30		
Chloroethane	113	106	60 - 140	6	30		
Trichlorofluoromethane	114	114	60 - 140	0	30		
1,1-Dichloroethene	119	108	22 - 143	5	30		
trans-1,2-Dichloroethene	89	84	60 - 140	5	30		
Methyl tert-butyl ether	90	90	60 - 140	0	30		
Methylene Chloride	64	61	60 - 140	6	30		
cis-1,2-Dichloroethene	91	87	60 - 140	5	30		
2-Butanone (MEK)	76	80	60 - 140	5	30		
Bromochloromethane	84	84	60 - 140	0	30		
Carbon tetrachloride	106	105	60 - 140	1	30		
Benzene	94	92	65 - 125	3	30		
1,2-Dichloroethane	99	99	60 - 140	0	30		
Trichloroethene	101	98	56 - 118	3	30		
1,1,1-Trichloroethane	105	101	60 - 140	4	30		
1,1-Dichloroethane	95	90	60 - 140	5	30		
1,2-Dichloropropane	93	89	60 - 140	4	30		
2,2-Dichloropropane	103	102	60 - 140	1	30		
Dibromomethane	94	102	60 - 140	7	30		
Chloroform	85	84	60 - 140	0	30		
Bromodichloromethane	98	98	60 - 140	0	30		
2-Chloroethyl vinyl ether	0	0	60 - 140	NC	30	U F	U F
1,1-Dichloropropene	94	94	60 - 140	0	30		
cis-1,3-Dichloropropene	80	82	60 - 140	2	30		
Toluene	93	91	76 - 125	3	30		
trans-1,3-Dichloropropene	82	83	60 - 140	0	30		
1,1,2-Trichloroethane	91	92	60 - 140	1	30		
Tetrachloroethene	96	96	60 - 140	0	30		
1,3-Dichloropropane	92	89	60 - 140	3	30		
Chlorodibromomethane	86	85	60 - 140	2	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-111710

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-76796-1	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A20709.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1701			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1701				
Leach Date:	N/A				

MSD Lab Sample ID:	600-76796-1	Analysis Batch:	600-111710	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A20710.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/26/2013 1729			Final Weight/Volume:	20 mL
Prep Date:	07/26/2013 1729				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	91	86	60 - 140	5	30		
Chlorobenzene	87	85	72 - 122	2	30		
1,1,1,2-Tetrachloroethane	97	96	60 - 140	1	30		
Ethylbenzene	95	94	60 - 140	1	30		
m-Xylene & p-Xylene	97	94	60 - 140	4	30		
Xylenes, Total	95	92	60 - 140	3	30		
o-Xylene	92	89	60 - 140	3	30		
Styrene	72	46	60 - 140	44	30		F
Bromoform	82	82	60 - 140	0	30		
Isopropylbenzene	94	92	60 - 140	2	30		
Bromobenzene	95	96	60 - 140	1	30		
1,2,3-Trichloropropane	87	94	60 - 140	8	30		
1,1,2,2-Tetrachloroethane	86	89	60 - 140	3	30		
N-Propylbenzene	97	93	60 - 140	4	30		
2-Chlorotoluene	88	87	60 - 140	1	30		
4-Chlorotoluene	95	94	60 - 140	1	30		
1,3,5-Trimethylbenzene	95	94	60 - 140	1	30		
tert-Butylbenzene	103	103	60 - 140	1	30		
p-Isopropyltoluene	107	108	60 - 140	0	30		
1,2,4-Trimethylbenzene	98	95	60 - 140	2	30		
sec-Butylbenzene	96	96	60 - 140	0	30		
1,3-Dichlorobenzene	89	92	60 - 140	3	30		
1,4-Dichlorobenzene	94	98	60 - 140	4	30		
1,2-Dichlorobenzene	87	90	60 - 140	4	30		
n-Butylbenzene	104	103	60 - 140	1	30		
1,2-Dibromo-3-Chloropropane	65	90	60 - 140	33	30		F
1,2,4-Trichlorobenzene	75	96	60 - 140	24	30		
Hexachlorobutadiene	95	100	60 - 140	5	30		
Naphthalene	72	97	60 - 140	29	30		
1,2,3-Trichlorobenzene	81	117	60 - 140	37	30		F
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	94		95		67 - 139		
Dibromofluoromethane	94		94		62 - 130		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	92	70 - 130
1,2-Dichloroethane-d4 (Surr)	98	96	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-111710

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-76796-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/26/2013 1701
Prep Date: 07/26/2013 1701
Leach Date: N/A

MSD Lab Sample ID: 600-76796-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/26/2013 1729
Prep Date: 07/26/2013 1729
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	0.120	U	10.0	10.0	14.91	F	15.36	F
Chloromethane	0.180	U	10.0	10.0	5.365	F	5.255	F
Vinyl chloride	0.110	U	10.0	10.0	8.328		7.852	
Bromomethane	0.250	U	10.0	10.0	10.48		9.959	
Chloroethane	0.0800	U	10.0	10.0	11.28		10.64	
Trichlorofluoromethane	0.0800	U	10.0	10.0	11.43		11.40	
1,1-Dichloroethene	8.08		10.0	10.0	19.95		18.89	
trans-1,2-Dichloroethene	0.0900	U	10.0	10.0	8.869		8.414	
Methyl tert-butyl ether	0.120	U	10.0	10.0	9.024		9.015	
Methylene Chloride	0.150	U	10.0	10.0	6.435		6.084	
cis-1,2-Dichloroethene	0.0600	U	10.0	10.0	9.143		8.676	
2-Butanone (MEK)	0.760	U	20.0	20.0	15.23		16.08	
Bromochloromethane	0.180	U	10.0	10.0	8.432		8.429	
Carbon tetrachloride	0.150	U	10.0	10.0	10.63		10.50	
Benzene	0.0830	J	10.0	10.0	9.509		9.238	
1,2-Dichloroethane	0.140	U	10.0	10.0	9.913		9.897	
Trichloroethene	1.59		10.0	10.0	11.71		11.37	
1,1,1-Trichloroethane	0.150	U	10.0	10.0	10.54		10.09	
1,1-Dichloroethane	1.24		10.0	10.0	10.74		10.22	
1,2-Dichloropropane	0.160	U	10.0	10.0	9.269		8.861	
2,2-Dichloropropane	0.130	U	10.0	10.0	10.30		10.17	
Dibromomethane	0.520	U	10.0	10.0	9.441		10.16	
Chloroform	0.130	U	10.0	10.0	8.456		8.444	
Bromodichloromethane	0.160	U	10.0	10.0	9.797		9.809	
2-Chloroethyl vinyl ether	0.500	U	10.0	10.0	0.500	U F	0.500	U F
1,1-Dichloropropene	0.210	U	10.0	10.0	9.426		9.419	
cis-1,3-Dichloropropene	0.180	U	10.0	10.0	8.029		8.156	
Toluene	0.150	U	10.0	10.0	9.291		9.061	
trans-1,3-Dichloropropene	0.210	U	10.0	10.0	8.245		8.255	
1,1,2-Trichloroethane	0.280	U	10.0	10.0	9.137		9.217	
Tetrachloroethene	7.50		10.0	10.0	17.08		17.07	
1,3-Dichloropropane	0.220	U	10.0	10.0	9.214		8.945	
Chlorodibromomethane	0.150	U	10.0	10.0	8.629		8.465	
1,2-Dibromoethane	0.180	U	10.0	10.0	9.079		8.634	
Chlorobenzene	0.120	U	10.0	10.0	8.685		8.541	
1,1,1,2-Tetrachloroethane	0.180	U	10.0	10.0	9.688		9.568	
Ethylbenzene	0.110	U	10.0	10.0	9.459		9.354	
m-Xylene & p-Xylene	0.170	U	20.0	20.0	19.39		18.71	
Xylenes, Total	0.260	U	30.0	30.0	28.56		27.60	
o-Xylene	0.120	U	10.0	10.0	9.168		8.893	
Styrene	0.0700	U	10.0	10.0	7.248		4.619	F
Bromoform	0.190	U	10.0	10.0	8.212		8.175	
Isopropylbenzene	0.180	U	10.0	10.0	9.373		9.161	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111710**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/26/2013 1701
Prep Date: 07/26/2013 1701
Leach Date: N/A

MSD Lab Sample ID: 600-76796-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/26/2013 1729
Prep Date: 07/26/2013 1729
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Bromobenzene	0.190	U	10.0	10.0	9.539	9.612	
1,2,3-Trichloropropane	0.290	U	10.0	10.0	8.714	9.402	
1,1,2,2-Tetrachloroethane	0.220	U	10.0	10.0	8.623	8.880	
N-Propylbenzene	0.150	U	10.0	10.0	9.694	9.340	
2-Chlorotoluene	0.130	U	10.0	10.0	8.801	8.727	
4-Chlorotoluene	0.140	U	10.0	10.0	9.513	9.382	
1,3,5-Trimethylbenzene	0.100	U	10.0	10.0	9.483	9.395	
tert-Butylbenzene	0.0800	U	10.0	10.0	10.33	10.25	
p-Isopropyltoluene	0.100	U	10.0	10.0	10.74	10.77	
1,2,4-Trimethylbenzene	0.140	U	10.0	10.0	9.753	9.535	
sec-Butylbenzene	0.120	U	10.0	10.0	9.632	9.642	
1,3-Dichlorobenzene	0.130	U	10.0	10.0	8.883	9.173	
1,4-Dichlorobenzene	0.110	U	10.0	10.0	9.403	9.778	
1,2-Dichlorobenzene	0.100	U	10.0	10.0	8.681	9.003	
n-Butylbenzene	0.160	U	10.0	10.0	10.44	10.31	
1,2-Dibromo-3-Chloropropane	0.810	U	10.0	10.0	6.465	9.006	F
1,2,4-Trichlorobenzene	0.310	U	10.0	10.0	7.527	9.588	
Hexachlorobutadiene	0.170	U	10.0	10.0	9.464	9.998	
Naphthalene	0.320	U	10.0	10.0	7.235	9.705	
1,2,3-Trichlorobenzene	0.570	U	10.0	10.0	8.056	11.69	F

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111811

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111811/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/29/2013 1409
 Prep Date: 07/29/2013 1409
 Leach Date: N/A

Analysis Batch: 600-111811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21004.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111811

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111811/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/29/2013 1409
 Prep Date: 07/29/2013 1409
 Leach Date: N/A

Analysis Batch: 600-111811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21004.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	67 - 139
Dibromofluoromethane	84	62 - 130
Toluene-d8 (Surr)	92	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111811

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-111811/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1243
Prep Date: 07/29/2013 1243
Leach Date: N/A

Analysis Batch: 600-111811
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS07
Lab File ID: A21002.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.120	91	12 - 136	
Chloromethane	10.0	6.897	69	32 - 151	
Vinyl chloride	10.0	7.141	71	47 - 146	
Bromomethane	10.0	7.601	76	52 - 146	
Chloroethane	10.0	7.204	72	56 - 144	
Trichlorofluoromethane	10.0	8.697	87	55 - 142	
1,1-Dichloroethene	10.0	8.947	89	59 - 145	
trans-1,2-Dichloroethene	10.0	9.173	92	70 - 132	
Methyl tert-butyl ether	10.0	9.985	100	63 - 142	
Methylene Chloride	10.0	7.038	70	62 - 134	
cis-1,2-Dichloroethene	10.0	8.977	90	69 - 129	
2-Butanone (MEK)	20.0	17.87	89	59 - 133	
Bromochloromethane	10.0	8.697	87	60 - 141	
Carbon tetrachloride	10.0	12.73	127	59 - 147	
Benzene	10.0	9.717	97	69 - 131	
1,2-Dichloroethane	10.0	11.14	111	66 - 140	
Trichloroethene	10.0	11.28	113	68 - 130	
1,1,1-Trichloroethane	10.0	11.99	120	65 - 142	
1,1-Dichloroethane	10.0	10.60	106	66 - 126	
1,2-Dichloropropane	10.0	9.792	98	72 - 125	
2,2-Dichloropropane	10.0	12.91	129	43 - 169	
Dibromomethane	10.0	9.992	100	68 - 134	
Chloroform	10.0	9.604	96	69 - 128	
Bromodichloromethane	10.0	11.07	111	73 - 130	
2-Chloroethyl vinyl ether	10.0	9.457	95	10 - 209	
1,1-Dichloropropene	10.0	10.36	104	59 - 134	
cis-1,3-Dichloropropene	10.0	9.013	90	60 - 135	
Toluene	10.0	9.945	99	67 - 130	
trans-1,3-Dichloropropene	10.0	10.25	103	63 - 133	
1,1,2-Trichloroethane	10.0	10.41	104	68 - 130	
Tetrachloroethene	10.0	11.32	113	61 - 142	
1,3-Dichloropropane	10.0	10.09	101	62 - 132	
Chlorodibromomethane	10.0	10.71	107	58 - 132	
1,2-Dibromoethane	10.0	10.57	106	68 - 128	
Chlorobenzene	10.0	9.340	93	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	11.34	113	57 - 136	
Ethylbenzene	10.0	10.26	103	68 - 128	
m-Xylene & p-Xylene	20.0	19.86	99	67 - 132	
Xylenes, Total	30.0	29.43	98	68 - 132	
o-Xylene	10.0	9.568	96	68 - 134	
Styrene	10.0	10.11	101	68 - 133	
Bromoform	10.0	10.31	103	39 - 149	
Isopropylbenzene	10.0	9.792	98	79 - 146	
Bromobenzene	10.0	10.55	105	61 - 134	
1,2,3-Trichloropropane	10.0	9.824	98	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	9.042	90	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111811

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-111811/5	Analysis Batch:	600-111811	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A21002.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/29/2013 1243	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	07/29/2013 1243				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.997	100	61 - 137	
2-Chlorotoluene	10.0	9.161	92	58 - 135	
4-Chlorotoluene	10.0	9.850	99	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.726	97	63 - 132	
tert-Butylbenzene	10.0	10.84	108	67 - 148	
p-Isopropyltoluene	10.0	11.18	112	63 - 138	
1,2,4-Trimethylbenzene	10.0	9.893	99	63 - 131	
sec-Butylbenzene	10.0	9.795	98	61 - 134	
1,3-Dichlorobenzene	10.0	9.801	98	71 - 132	
1,4-Dichlorobenzene	10.0	10.00	100	72 - 131	
1,2-Dichlorobenzene	10.0	10.03	100	71 - 133	
n-Butylbenzene	10.0	10.52	105	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	10.03	100	43 - 141	
1,2,4-Trichlorobenzene	10.0	11.75	118	55 - 151	
Hexachlorobutadiene	10.0	11.98	120	53 - 140	
Naphthalene	10.0	12.12	121	19 - 195	
1,2,3-Trichlorobenzene	10.0	13.75	138	38 - 152	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	98		67 - 139		
Dibromofluoromethane	88		62 - 130		
Toluene-d8 (Surr)	100		70 - 130		
1,2-Dichloroethane-d4 (Surr)	96		50 - 134		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-111811

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1632
Prep Date: 07/29/2013 1632
Leach Date: N/A

Analysis Batch: 600-111811
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS07
Lab File ID: A21009.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1700
Prep Date: 07/29/2013 1700
Leach Date: N/A

Analysis Batch: 600-111811
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS07
Lab File ID: A21010.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	91	98	60 - 140	7	30		
Chloromethane	66	72	60 - 140	7	30		
Vinyl chloride	70	76	60 - 140	8	30		
Bromomethane	71	77	60 - 140	8	30		
Chloroethane	71	78	60 - 140	9	30		
Trichlorofluoromethane	81	84	60 - 140	4	30		
1,1-Dichloroethene	86	96	22 - 143	9	30		
trans-1,2-Dichloroethene	87	93	60 - 140	6	30		
Methyl tert-butyl ether	95	101	60 - 140	7	30		
Methylene Chloride	64	68	60 - 140	6	30		
cis-1,2-Dichloroethene	89	93	60 - 140	4	30		
2-Butanone (MEK)	94	101	60 - 140	8	30		
Bromochloromethane	84	92	60 - 140	9	30		
Carbon tetrachloride	118	125	60 - 140	6	30		
Benzene	95	101	65 - 125	6	30		
1,2-Dichloroethane	108	117	60 - 140	9	30		
Trichloroethene	107	113	56 - 118	6	30		
1,1,1-Trichloroethane	112	117	60 - 140	4	30		
1,1-Dichloroethane	102	107	60 - 140	4	30		
1,2-Dichloropropane	93	99	60 - 140	6	30		
2,2-Dichloropropane	114	122	60 - 140	7	30		
Dibromomethane	94	103	60 - 140	9	30		
Chloroform	94	94	60 - 140	0	30		
Bromodichloromethane	103	105	60 - 140	2	30		
2-Chloroethyl vinyl ether	0	0	60 - 140	NC	30	U F	U F
1,1-Dichloropropene	101	101	60 - 140	0	30		
cis-1,3-Dichloropropene	82	84	60 - 140	3	30		
Toluene	95	98	76 - 125	3	30		
trans-1,3-Dichloropropene	90	95	60 - 140	6	30		
1,1,2-Trichloroethane	94	98	60 - 140	4	30		
Tetrachloroethene	107	109	60 - 140	2	30		
1,3-Dichloropropane	94	99	60 - 140	5	30		
Chlorodibromomethane	95	101	60 - 140	6	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111811**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1632
Prep Date: 07/29/2013 1632
Leach Date: N/A

Analysis Batch: 600-111811
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS07
Lab File ID: A21009.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1700
Prep Date: 07/29/2013 1700
Leach Date: N/A

Analysis Batch: 600-111811
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS07
Lab File ID: A21010.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	97	102	60 - 140	5	30		
Chlorobenzene	90	95	72 - 122	5	30		
1,1,1,2-Tetrachloroethane	107	113	60 - 140	5	30		
Ethylbenzene	106	103	60 - 140	3	30		
m-Xylene & p-Xylene	97	100	60 - 140	3	30		
Xylenes, Total	96	99	60 - 140	3	30		
o-Xylene	93	96	60 - 140	4	30		
Styrene	92	95	60 - 140	3	30		
Bromoform	92	102	60 - 140	10	30		
Isopropylbenzene	100	99	60 - 140	1	30		
Bromobenzene	100	104	60 - 140	4	30		
1,2,3-Trichloropropane	92	102	60 - 140	9	30		
1,1,2,2-Tetrachloroethane	86	90	60 - 140	5	30		
N-Propylbenzene	109	102	60 - 140	6	30		
2-Chlorotoluene	90	95	60 - 140	5	30		
4-Chlorotoluene	95	97	60 - 140	3	30		
1,3,5-Trimethylbenzene	95	97	60 - 140	2	30		
tert-Butylbenzene	107	110	60 - 140	3	30		
p-Isopropyltoluene	108	112	60 - 140	3	30		
1,2,4-Trimethylbenzene	129	105	60 - 140	20	30		
sec-Butylbenzene	96	98	60 - 140	2	30		
1,3-Dichlorobenzene	93	98	60 - 140	5	30		
1,4-Dichlorobenzene	97	102	60 - 140	6	30		
1,2-Dichlorobenzene	94	101	60 - 140	7	30		
n-Butylbenzene	104	106	60 - 140	1	30		
1,2-Dibromo-3-Chloropropane	87	108	60 - 140	21	30		
1,2,4-Trichlorobenzene	105	115	60 - 140	9	30		
Hexachlorobutadiene	110	117	60 - 140	6	30		
Naphthalene	250	159	60 - 140	45	30	F	F
1,2,3-Trichlorobenzene	104	130	60 - 140	22	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	92		94		67 - 139		
Dibromofluoromethane	86		86		62 - 130		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	91	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	91	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111811**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-17 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1632
Prep Date: 07/29/2013 1632
Leach Date: N/A

MSD Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1700
Prep Date: 07/29/2013 1700
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	0.120	U	10.0	10.0	9.137	9.821
Chloromethane	0.180	U	10.0	10.0	6.640	7.155
Vinyl chloride	0.110	U	10.0	10.0	7.009	7.584
Bromomethane	0.250	U	10.0	10.0	7.085	7.673
Chloroethane	0.0800	U	10.0	10.0	7.124	7.833
Trichlorofluoromethane	0.0800	U	10.0	10.0	8.125	8.431
1,1-Dichloroethene	1.50		10.0	10.0	10.11	11.08
trans-1,2-Dichloroethene	0.0900	U	10.0	10.0	8.735	9.268
Methyl tert-butyl ether	0.120	U	10.0	10.0	9.461	10.10
Methylene Chloride	0.150	U	10.0	10.0	6.378	6.770
cis-1,2-Dichloroethene	0.0600	U	10.0	10.0	8.910	9.281
2-Butanone (MEK)	0.760	U	20.0	20.0	18.79	20.29
Bromochloromethane	0.180	U	10.0	10.0	8.360	9.180
Carbon tetrachloride	0.150	U	10.0	10.0	11.76	12.46
Benzene	0.0800	U	10.0	10.0	9.487	10.07
1,2-Dichloroethane	0.140	U	10.0	10.0	10.76	11.73
Trichloroethene	0.261	J	10.0	10.0	10.92	11.57
1,1,1-Trichloroethane	0.150	U	10.0	10.0	11.21	11.67
1,1-Dichloroethane	1.93		10.0	10.0	12.17	12.66
1,2-Dichloropropane	0.160	U	10.0	10.0	9.334	9.902
2,2-Dichloropropane	0.130	U	10.0	10.0	11.39	12.17
Dibromomethane	0.520	U	10.0	10.0	9.398	10.26
Chloroform	0.130	U	10.0	10.0	9.350	9.360
Bromodichloromethane	0.160	U	10.0	10.0	10.32	10.55
2-Chloroethyl vinyl ether	0.500	U	10.0	10.0	0.500	U F 0.500
1,1-Dichloropropene	0.210	U	10.0	10.0	10.07	10.08
cis-1,3-Dichloropropene	0.180	U	10.0	10.0	8.152	8.440
Toluene	0.150	U	10.0	10.0	9.522	9.784
trans-1,3-Dichloropropene	0.210	U	10.0	10.0	8.968	9.544
1,1,2-Trichloroethane	0.280	U	10.0	10.0	9.419	9.803
Tetrachloroethene	1.20		10.0	10.0	11.89	12.12
1,3-Dichloropropane	0.220	U	10.0	10.0	9.421	9.859
Chlorodibromomethane	0.150	U	10.0	10.0	9.503	10.06
1,2-Dibromoethane	0.180	U	10.0	10.0	9.706	10.18
Chlorobenzene	0.120	U	10.0	10.0	8.996	9.478
1,1,1,2-Tetrachloroethane	0.180	U	10.0	10.0	10.69	11.26
Ethylbenzene	0.110	U	10.0	10.0	10.60	10.31
m-Xylene & p-Xylene	0.170	U	20.0	20.0	19.40	19.93
Xylenes, Total	0.260	U	30.0	30.0	28.71	29.58
o-Xylene	0.120	U	10.0	10.0	9.311	9.645
Styrene	0.0700	U	10.0	10.0	9.244	9.527
Bromoform	0.190	U	10.0	10.0	9.210	10.20
Isopropylbenzene	0.180	U	10.0	10.0	10.04	9.948

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111811**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-17 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1632
Prep Date: 07/29/2013 1632
Leach Date: N/A

MSD Lab Sample ID: 600-76796-17
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/29/2013 1700
Prep Date: 07/29/2013 1700
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromobenzene	0.190	U	10.0	10.0	9.989	10.40
1,2,3-Trichloropropane	0.290	U	10.0	10.0	9.248	10.15
1,1,2,2-Tetrachloroethane	0.220	U	10.0	10.0	8.566	9.021
N-Propylbenzene	0.150	U	10.0	10.0	10.91	10.24
2-Chlorotoluene	0.130	U	10.0	10.0	9.040	9.476
4-Chlorotoluene	0.140	U	10.0	10.0	9.484	9.742
1,3,5-Trimethylbenzene	0.100	U	10.0	10.0	9.534	9.683
tert-Butylbenzene	0.0800	U	10.0	10.0	10.67	11.00
p-Isopropyltoluene	0.100	U	10.0	10.0	10.78	11.15
1,2,4-Trimethylbenzene	0.140	U	10.0	10.0	12.87	10.49
sec-Butylbenzene	0.120	U	10.0	10.0	9.614	9.830
1,3-Dichlorobenzene	0.130	U	10.0	10.0	9.316	9.820
1,4-Dichlorobenzene	0.110	U	10.0	10.0	9.673	10.23
1,2-Dichlorobenzene	0.100	U	10.0	10.0	9.378	10.06
n-Butylbenzene	0.160	U	10.0	10.0	10.43	10.56
1,2-Dibromo-3-Chloropropane	0.810	U	10.0	10.0	8.714	10.80
1,2,4-Trichlorobenzene	0.310	U	10.0	10.0	10.53	11.53
Hexachlorobutadiene	0.170	U	10.0	10.0	11.05	11.68
Naphthalene	0.320	U	10.0	10.0	25.03	F 15.90
1,2,3-Trichlorobenzene	0.570	U	10.0	10.0	10.42	13.03

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111958

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111958/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/30/2013 1151
Prep Date: 07/30/2013 1151
Leach Date: N/A

Analysis Batch: 600-111958
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS07
Lab File ID: A21104.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-111958

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-111958/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/30/2013 1151
 Prep Date: 07/30/2013 1151
 Leach Date: N/A

Analysis Batch: 600-111958
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21104.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	67 - 139
Dibromofluoromethane	88	62 - 130
Toluene-d8 (Surr)	93	70 - 130
1,2-Dichloroethane-d4 (Surr)	100	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111958

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-111958/3	Analysis Batch:	600-111958	Instrument ID:	VOAMS07
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	A21102.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	07/30/2013 1024	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	07/30/2013 1024				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.58	106	12 - 136	
Chloromethane	10.0	7.605	76	32 - 151	
Vinyl chloride	10.0	7.643	76	47 - 146	
Bromomethane	10.0	8.101	81	52 - 146	
Chloroethane	10.0	8.183	82	56 - 144	
Trichlorofluoromethane	10.0	9.274	93	55 - 142	
1,1-Dichloroethene	10.0	9.840	98	59 - 145	
trans-1,2-Dichloroethene	10.0	9.382	94	70 - 132	
Methyl tert-butyl ether	10.0	9.489	95	63 - 142	
Methylene Chloride	10.0	7.256	73	62 - 134	
cis-1,2-Dichloroethene	10.0	9.093	91	69 - 129	
2-Butanone (MEK)	20.0	17.71	89	59 - 133	
Bromochloromethane	10.0	8.717	87	60 - 141	
Carbon tetrachloride	10.0	12.80	128	59 - 147	
Benzene	10.0	9.768	98	69 - 131	
1,2-Dichloroethane	10.0	11.46	115	66 - 140	
Trichloroethene	10.0	11.08	111	68 - 130	
1,1,1-Trichloroethane	10.0	11.91	119	65 - 142	
1,1-Dichloroethane	10.0	10.58	106	66 - 126	
1,2-Dichloropropane	10.0	9.476	95	72 - 125	
2,2-Dichloropropane	10.0	12.08	121	43 - 169	
Dibromomethane	10.0	10.18	102	68 - 134	
Chloroform	10.0	9.170	92	69 - 128	
Bromodichloromethane	10.0	10.64	106	73 - 130	
2-Chloroethyl vinyl ether	10.0	8.645	86	10 - 209	
1,1-Dichloropropene	10.0	10.14	101	59 - 134	
cis-1,3-Dichloropropene	10.0	8.294	83	60 - 135	
Toluene	10.0	9.630	96	67 - 130	
trans-1,3-Dichloropropene	10.0	9.216	92	63 - 133	
1,1,2-Trichloroethane	10.0	9.305	93	68 - 130	
Tetrachloroethene	10.0	10.85	109	61 - 142	
1,3-Dichloropropane	10.0	9.480	95	62 - 132	
Chlorodibromomethane	10.0	9.609	96	58 - 132	
1,2-Dibromoethane	10.0	9.869	99	68 - 128	
Chlorobenzene	10.0	9.292	93	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	11.04	110	57 - 136	
Ethylbenzene	10.0	9.958	100	68 - 128	
m-Xylene & p-Xylene	20.0	19.71	99	67 - 132	
Xylenes, Total	30.0	29.28	98	68 - 132	
o-Xylene	10.0	9.574	96	68 - 134	
Styrene	10.0	9.998	100	68 - 133	
Bromoform	10.0	9.732	97	39 - 149	
Isopropylbenzene	10.0	9.937	99	79 - 146	
Bromobenzene	10.0	10.41	104	61 - 134	
1,2,3-Trichloropropane	10.0	9.902	99	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	8.942	89	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-111958

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-111958/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/30/2013 1024
 Prep Date: 07/30/2013 1024
 Leach Date: N/A

Analysis Batch: 600-111958
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21102.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	10.15	101	61 - 137	
2-Chlorotoluene	10.0	9.492	95	58 - 135	
4-Chlorotoluene	10.0	10.07	101	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.967	100	63 - 132	
tert-Butylbenzene	10.0	11.07	111	67 - 148	
p-Isopropyltoluene	10.0	11.35	113	63 - 138	
1,2,4-Trimethylbenzene	10.0	10.14	101	63 - 131	
sec-Butylbenzene	10.0	10.08	101	61 - 134	
1,3-Dichlorobenzene	10.0	9.791	98	71 - 132	
1,4-Dichlorobenzene	10.0	10.06	101	72 - 131	
1,2-Dichlorobenzene	10.0	9.838	98	71 - 133	
n-Butylbenzene	10.0	10.64	106	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	9.654	97	43 - 141	
1,2,4-Trichlorobenzene	10.0	9.959	100	55 - 151	
Hexachlorobutadiene	10.0	11.66	117	53 - 140	
Naphthalene	10.0	11.29	113	19 - 195	
1,2,3-Trichlorobenzene	10.0	11.48	115	38 - 152	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	100		67 - 139		
Dibromofluoromethane	93		62 - 130		
Toluene-d8 (Surr)	97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	97		50 - 134		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111958**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-2DL	Analysis Batch: 600-111958	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A21111.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/30/2013 1510	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 07/30/2013 1510		
Leach Date: N/A		

MSD Lab Sample ID: 600-76796-2DL	Analysis Batch: 600-111958	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A21112.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/30/2013 1538	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 07/30/2013 1538		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	100	88	60 - 140	12	30		
Chloromethane	65	65	60 - 140	1	30		
Vinyl chloride	75	74	60 - 140	2	30		
Bromomethane	73	71	60 - 140	2	30		
Chloroethane	76	80	60 - 140	5	30		
Trichlorofluoromethane	85	82	60 - 140	3	30		
1,1-Dichloroethene	92	97	22 - 143	6	30		
trans-1,2-Dichloroethene	91	93	60 - 140	2	30		
Methyl tert-butyl ether	95	102	60 - 140	7	30		
Methylene Chloride	79	84	60 - 140	5	30		
cis-1,2-Dichloroethene	90	94	60 - 140	3	30		
2-Butanone (MEK)	89	98	60 - 140	9	30		
Bromochloromethane	85	89	60 - 140	4	30		
Carbon tetrachloride	114	121	60 - 140	6	30		
Benzene	93	98	65 - 125	6	30		
1,2-Dichloroethane	110	108	60 - 140	2	30		
Trichloroethene	103	106	56 - 118	3	30		
1,1,1-Trichloroethane	109	113	60 - 140	4	30		
1,1-Dichloroethane	102	108	60 - 140	5	30		
1,2-Dichloropropane	94	99	60 - 140	5	30		
2,2-Dichloropropane	104	111	60 - 140	6	30		
Dibromomethane	96	103	60 - 140	6	30		
Chloroform	92	97	60 - 140	5	30		
Bromodichloromethane	102	107	60 - 140	5	30		
2-Chloroethyl vinyl ether	0	0	60 - 140	NC	30	U F	U F
1,1-Dichloropropene	97	101	60 - 140	4	30		
cis-1,3-Dichloropropene	77	81	60 - 140	5	30		
Toluene	94	99	76 - 125	5	30		
trans-1,3-Dichloropropene	87	91	60 - 140	5	30		
1,1,2-Trichloroethane	95	97	60 - 140	2	30		
Tetrachloroethene	105	109	60 - 140	4	30		
1,3-Dichloropropane	96	99	60 - 140	4	30		
Chlorodibromomethane	95	99	60 - 140	4	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111958**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-2DL	Analysis Batch: 600-111958	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A21111.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/30/2013 1510	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 07/30/2013 1510		
Leach Date: N/A		

MSD Lab Sample ID: 600-76796-2DL	Analysis Batch: 600-111958	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A21112.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/30/2013 1538	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 07/30/2013 1538		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	95	97	60 - 140	2	30		
Chlorobenzene	90	92	72 - 122	2	30		
1,1,1,2-Tetrachloroethane	103	108	60 - 140	5	30		
Ethylbenzene	92	92	60 - 140	0	30		
m-Xylene & p-Xylene	92	96	60 - 140	3	30		
Xylenes, Total	92	95	60 - 140	3	30		
o-Xylene	91	94	60 - 140	3	30		
Styrene	94	97	60 - 140	2	30		
Bromoform	88	96	60 - 140	8	30		
Isopropylbenzene	91	94	60 - 140	2	30		
Bromobenzene	93	103	60 - 140	10	30		
1,2,3-Trichloropropane	89	101	60 - 140	12	30		
1,1,2,2-Tetrachloroethane	86	91	60 - 140	6	30		
N-Propylbenzene	89	92	60 - 140	1	30		
2-Chlorotoluene	87	92	60 - 140	6	30		
4-Chlorotoluene	90	96	60 - 140	6	30		
1,3,5-Trimethylbenzene	91	95	60 - 140	4	30		
tert-Butylbenzene	103	107	60 - 140	4	30		
p-Isopropyltoluene	104	108	60 - 140	4	30		
1,2,4-Trimethylbenzene	81	86	60 - 140	1	30		
sec-Butylbenzene	92	96	60 - 140	4	30		
1,3-Dichlorobenzene	86	93	60 - 140	7	30		
1,4-Dichlorobenzene	87	97	60 - 140	10	30		
1,2-Dichlorobenzene	85	93	60 - 140	8	30		
n-Butylbenzene	98	104	60 - 140	6	30		
1,2-Dibromo-3-Chloropropane	80	109	60 - 140	31	30		F
1,2,4-Trichlorobenzene	68	91	60 - 140	22	30		
Hexachlorobutadiene	97	109	60 - 140	10	30		
Naphthalene	42	78	60 - 140	19	30	F	
1,2,3-Trichlorobenzene	53	86	60 - 140	30	30	F	
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	93		93	67 - 139			
Dibromofluoromethane	87		86	62 - 130			

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	89	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-111958

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-76796-2DL Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 07/30/2013 1510
Prep Date: 07/30/2013 1510
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-76796-2DL
Client Matrix: Water
Dilution: 10
Analysis Date: 07/30/2013 1538
Prep Date: 07/30/2013 1538
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.20	U	100	100	99.76	88.45
Chloromethane	1.80	U	100	100	65.19	64.85
Vinyl chloride	1.10	U	100	100	75.08	73.79
Bromomethane	2.50	U	100	100	72.77	71.47
Chloroethane	0.800	U	100	100	75.91	79.88
Trichlorofluoromethane	0.800	U	100	100	84.56	81.79
1,1-Dichloroethene	1.90	U	100	100	91.53	96.80
trans-1,2-Dichloroethene	0.900	U	100	100	91.05	92.72
Methyl tert-butyl ether	1.20	U	100	100	94.88	101.7
Methylene Chloride	1.50	U	100	100	79.39	83.80
cis-1,2-Dichloroethene	30.0		100	100	120.1	123.6
2-Butanone (MEK)	7.60	U	200	200	178.0	195.5
Bromochloromethane	1.80	U	100	100	85.07	88.93
Carbon tetrachloride	1.50	U	100	100	114.2	120.7
Benzene	5.40	J	100	100	98.16	103.8
1,2-Dichloroethane	1.40	U	100	100	110.3	108.0
Trichloroethene	2.42	J	100	100	105.4	108.9
1,1,1-Trichloroethane	1.50	U	100	100	108.6	112.8
1,1-Dichloroethane	17.8		100	100	119.4	125.9
1,2-Dichloropropane	1.60	U	100	100	94.10	99.32
2,2-Dichloropropane	1.30	U	100	100	104.2	110.6
Dibromomethane	5.20	U	100	100	96.38	102.8
Chloroform	1.30	U	100	100	92.10	97.13
Bromodichloromethane	1.60	U	100	100	101.7	107.4
2-Chloroethyl vinyl ether	5.00	U	100	100	5.00	5.00
1,1-Dichloropropene	2.10	U	100	100	97.28	101.0
cis-1,3-Dichloropropene	1.80	U	100	100	77.32	81.27
Toluene	1.50	U	100	100	94.24	98.69
trans-1,3-Dichloropropene	2.10	U	100	100	86.51	91.33
1,1,2-Trichloroethane	2.80	U	100	100	95.00	96.92
Tetrachloroethene	1.30	U	100	100	104.6	108.7
1,3-Dichloropropane	2.20	U	100	100	95.92	99.49
Chlorodibromomethane	1.50	U	100	100	94.87	98.85
1,2-Dibromoethane	1.80	U	100	100	94.58	96.62
Chlorobenzene	1.20	U	100	100	90.11	91.81
1,1,1,2-Tetrachloroethane	1.80	U	100	100	102.9	108.2
Ethylbenzene	162		100	100	254.5	253.8
m-Xylene & p-Xylene	59.4		200	200	244.3	250.9
Xylenes, Total	60.8		300	300	337.1	346.1
o-Xylene	1.40	J	100	100	92.75	95.19
Styrene	1.15	J	100	100	95.60	97.99
Bromoform	1.90	U	100	100	88.17	95.56
Isopropylbenzene	96.0		100	100	186.8	190.4

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-111958**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-76796-2DL Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 07/30/2013 1510
Prep Date: 07/30/2013 1510
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-76796-2DL
Client Matrix: Water
Dilution: 10
Analysis Date: 07/30/2013 1538
Prep Date: 07/30/2013 1538
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Bromobenzene	2.44	J	100	100	95.44	105.6	
1,2,3-Trichloropropane	2.90	U	100	100	89.42	101.2	
1,1,2,2-Tetrachloroethane	2.20	U	100	100	85.52	90.83	
N-Propylbenzene	148		100	100	236.9	239.3	
2-Chlorotoluene	1.30	U	100	100	86.99	92.06	
4-Chlorotoluene	2.38	J	100	100	92.70	98.40	
1,3,5-Trimethylbenzene	3.07	J	100	100	94.32	97.88	
tert-Butylbenzene	1.32	J	100	100	103.9	108.4	
p-Isopropyltoluene	3.24	J	100	100	107.0	111.4	
1,2,4-Trimethylbenzene	282		100	100	362.6	367.8	
sec-Butylbenzene	8.12	J	100	100	99.79	103.8	
1,3-Dichlorobenzene	3.24	J	100	100	89.73	96.72	
1,4-Dichlorobenzene	4.27	J	100	100	91.13	100.8	
1,2-Dichlorobenzene	5.68	J	100	100	90.71	98.67	
n-Butylbenzene	8.27	J	100	100	106.6	112.7	
1,2-Dibromo-3-Chloropropane	8.10	U	100	100	79.99	109.5	F
1,2,4-Trichlorobenzene	24.8		100	100	93.01	115.8	
Hexachlorobutadiene	6.75	J	100	100	104.2	115.7	
Naphthalene	135		100	100	176.7	213.1	F
1,2,3-Trichlorobenzene	40.2		100	100	93.06	125.7	F

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-112020

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-112020/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 07/31/2013 1134
Prep Date: 07/31/2013 1134
Leach Date: N/A

Analysis Batch: 600-112020
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS07
Lab File ID: A21204.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Method Blank - Batch: 600-112020

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-112020/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/31/2013 1134
 Prep Date: 07/31/2013 1134
 Leach Date: N/A

Analysis Batch: 600-112020
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21204.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	67 - 139
Dibromofluoromethane	86	62 - 130
Toluene-d8 (Surr)	91	70 - 130
1,2-Dichloroethane-d4 (Surr)	98	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-112020

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-112020/3	Analysis Batch: 600-112020	Instrument ID: VOAMS07
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A21202.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 07/31/2013 1009	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 07/31/2013 1009		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.96	120	12 - 136	
Chloromethane	10.0	8.890	89	32 - 151	
Vinyl chloride	10.0	8.785	88	47 - 146	
Bromomethane	10.0	9.273	93	52 - 146	
Chloroethane	10.0	9.401	94	56 - 144	
Trichlorofluoromethane	10.0	9.945	99	55 - 142	
1,1-Dichloroethene	10.0	10.48	105	59 - 145	
trans-1,2-Dichloroethene	10.0	9.608	96	70 - 132	
Methyl tert-butyl ether	10.0	9.850	98	63 - 142	
Methylene Chloride	10.0	8.833	88	62 - 134	
cis-1,2-Dichloroethene	10.0	9.667	97	69 - 129	
2-Butanone (MEK)	20.0	17.77	89	59 - 133	
Bromochloromethane	10.0	9.167	92	60 - 141	
Carbon tetrachloride	10.0	13.30	133	59 - 147	
Benzene	10.0	9.885	99	69 - 131	
1,2-Dichloroethane	10.0	11.58	116	66 - 140	
Trichloroethene	10.0	10.92	109	68 - 130	
1,1,1-Trichloroethane	10.0	11.80	118	65 - 142	
1,1-Dichloroethane	10.0	10.57	106	66 - 126	
1,2-Dichloropropane	10.0	9.729	97	72 - 125	
2,2-Dichloropropane	10.0	12.46	125	43 - 169	
Dibromomethane	10.0	10.34	103	68 - 134	
Chloroform	10.0	9.033	90	69 - 128	
Bromodichloromethane	10.0	10.37	104	73 - 130	
2-Chloroethyl vinyl ether	10.0	8.952	90	10 - 209	
1,1-Dichloropropene	10.0	9.553	96	59 - 134	
cis-1,3-Dichloropropene	10.0	8.409	84	60 - 135	
Toluene	10.0	9.462	95	67 - 130	
trans-1,3-Dichloropropene	10.0	9.789	98	63 - 133	
1,1,2-Trichloroethane	10.0	9.317	93	68 - 130	
Tetrachloroethene	10.0	10.80	108	61 - 142	
1,3-Dichloropropane	10.0	9.595	96	62 - 132	
Chlorodibromomethane	10.0	10.36	104	58 - 132	
1,2-Dibromoethane	10.0	10.41	104	68 - 128	
Chlorobenzene	10.0	9.533	95	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	11.36	114	57 - 136	
Ethylbenzene	10.0	10.17	102	68 - 128	
m-Xylene & p-Xylene	20.0	19.97	100	67 - 132	
Xylenes, Total	30.0	29.82	99	68 - 132	
o-Xylene	10.0	9.850	99	68 - 134	
Styrene	10.0	10.39	104	68 - 133	
Bromoform	10.0	10.49	105	39 - 149	
Isopropylbenzene	10.0	9.796	98	79 - 146	
Bromobenzene	10.0	10.47	105	61 - 134	
1,2,3-Trichloropropane	10.0	9.889	99	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	9.066	91	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Control Sample - Batch: 600-112020

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-112020/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 07/31/2013 1009
 Prep Date: 07/31/2013 1009
 Leach Date: N/A

Analysis Batch: 600-112020
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS07
 Lab File ID: A21202.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	10.21	102	61 - 137	
2-Chlorotoluene	10.0	9.285	93	58 - 135	
4-Chlorotoluene	10.0	10.05	100	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.992	100	63 - 132	
tert-Butylbenzene	10.0	11.09	111	67 - 148	
p-Isopropyltoluene	10.0	11.57	116	63 - 138	
1,2,4-Trimethylbenzene	10.0	10.18	102	63 - 131	
sec-Butylbenzene	10.0	10.12	101	61 - 134	
1,3-Dichlorobenzene	10.0	9.858	99	71 - 132	
1,4-Dichlorobenzene	10.0	10.10	101	72 - 131	
1,2-Dichlorobenzene	10.0	9.655	97	71 - 133	
n-Butylbenzene	10.0	10.72	107	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	9.744	97	43 - 141	
1,2,4-Trichlorobenzene	10.0	9.994	100	55 - 151	
Hexachlorobutadiene	10.0	11.39	114	53 - 140	
Naphthalene	10.0	11.55	115	19 - 195	
1,2,3-Trichlorobenzene	10.0	11.01	110	38 - 152	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	97		67 - 139		
Dibromofluoromethane	92		62 - 130		
Toluene-d8 (Surr)	92		70 - 130		
1,2-Dichloroethane-d4 (Surr)	99		50 - 134		

DATA REPORTING QUALIFIERS

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:600-111710					
LCS 600-111710/3	Lab Control Sample	T	Water	8260B	
MB 600-111710/4	Method Blank	T	Water	8260B	
600-76796-1	ARTESIA-MW32-3Q2013	T	Water	8260B	
600-76796-1MS	Matrix Spike	T	Water	8260B	
600-76796-1MSD	Matrix Spike Duplicate	T	Water	8260B	
600-76796-3	ARTESIA-MW13-3Q2013	T	Water	8260B	
600-76796-4	ARTESIA-MW30-3Q2013	T	Water	8260B	
600-76796-6	ARTESIA-MW29-3Q2013	T	Water	8260B	
600-76796-7	ARTESIA-MW09-3Q2013	T	Water	8260B	
600-76796-8	ARTESIA-MW15-3Q2013	T	Water	8260B	
Analysis Batch:600-111811					
LCS 600-111811/5	Lab Control Sample	T	Water	8260B	
MB 600-111811/4	Method Blank	T	Water	8260B	
600-76796-5	ARTESIA-DUP01-3Q2013	T	Water	8260B	
600-76796-9	ARTESIA-TANK01-3Q2013	T	Water	8260B	
600-76796-10	ARTESIA-MW33-3Q2013	T	Water	8260B	
600-76796-11	ARTESIA-MW20-3Q2013	T	Water	8260B	
600-76796-12	ARTESIA-MW28-3Q2013	T	Water	8260B	
600-76796-13	ARTESIA-MW27-3Q2013	T	Water	8260B	
600-76796-16	ARTESIA-DUP02-3Q2013	T	Water	8260B	
600-76796-17	ARTESIA-MW21-3Q2013	T	Water	8260B	
600-76796-17MS	Matrix Spike	T	Water	8260B	
600-76796-17MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:600-111958					
LCS 600-111958/3	Lab Control Sample	T	Water	8260B	
MB 600-111958/4	Method Blank	T	Water	8260B	
600-76796-2	ARTESIA-MW12-3Q2013	T	Water	8260B	
600-76796-2DL	ARTESIA-MW12-3Q2013	T	Water	8260B	
600-76796-2MSDL	Matrix Spike	T	Water	8260B	
600-76796-2MSDDL	Matrix Spike Duplicate	T	Water	8260B	
600-76796-5DL	ARTESIA-DUP01-3Q2013	T	Water	8260B	
600-76796-14	ARTESIA-MW22-3Q2013	T	Water	8260B	
600-76796-15	ARTESIA-MW25-3Q2013	T	Water	8260B	
600-76796-18	ARTESIA-MW31-3Q2013	T	Water	8260B	
600-76796-19	ARTESIA-MW18-3Q2013	T	Water	8260B	
600-76796-20	ARTESIA-MW11-3Q2013	T	Water	8260B	
600-76796-21	ARTESIA-MW08-3Q2013	T	Water	8260B	
600-76796-23	ARTESIA-TB01-3Q2013	T	Water	8260B	
600-76796-24	ARTESIA-TANK02-3Q2013	T	Water	8260B	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:600-112020					
LCS 600-112020/3	Lab Control Sample	T	Water	8260B	
MB 600-112020/4	Method Blank	T	Water	8260B	
600-76796-22	ARTESIA-MW26-3Q2013	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: 600-76796-1

Client ID: ARTESIA-MW32-3Q2013

Sample Date/Time: 07/23/2013 16:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-1		600-111710		07/26/2013 15:07	1	TAL HOU	DT1
A:8260B	600-76796-C-1		600-111710		07/26/2013 15:07	1	TAL HOU	DT1

Lab ID: 600-76796-1 MS

Client ID: ARTESIA-MW32-3Q2013

Sample Date/Time: 07/23/2013 16:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-1 MS		600-111710		07/26/2013 17:01	1	TAL HOU	DT1
A:8260B	600-76796-A-1 MS		600-111710		07/26/2013 17:01	1	TAL HOU	DT1

Lab ID: 600-76796-1 MSD

Client ID: ARTESIA-MW32-3Q2013

Sample Date/Time: 07/23/2013 16:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-1 MSD		600-111710		07/26/2013 17:29	1	TAL HOU	DT1
A:8260B	600-76796-B-1 MSD		600-111710		07/26/2013 17:29	1	TAL HOU	DT1

Lab ID: 600-76796-2

Client ID: ARTESIA-MW12-3Q2013

Sample Date/Time: 07/23/2013 13:15

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-2		600-111958		07/30/2013 14:13	1	TAL HOU	DT1
A:8260B	600-76796-B-2		600-111958		07/30/2013 14:13	1	TAL HOU	DT1
P:5030B	600-76796-A-2	DL	600-111958		07/30/2013 16:07	10	TAL HOU	DT1
A:8260B	600-76796-A-2	DL	600-111958		07/30/2013 16:07	10	TAL HOU	DT1

Lab ID: 600-76796-2 MS

Client ID: ARTESIA-MW12-3Q2013

Sample Date/Time: 07/23/2013 13:15

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-2 MS	DL	600-111958		07/30/2013 15:10	10	TAL HOU	DT1
A:8260B	600-76796-A-2 MS	DL	600-111958		07/30/2013 15:10	10	TAL HOU	DT1

Lab ID: 600-76796-2 MSD

Client ID: ARTESIA-MW12-3Q2013

Sample Date/Time: 07/23/2013 13:15

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-2 MSD	DL	600-111958		07/30/2013 15:38	10	TAL HOU	DT1
A:8260B	600-76796-A-2 MSD	DL	600-111958		07/30/2013 15:38	10	TAL HOU	DT1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: 600-76796-3

Client ID: ARTESIA-MW13-3Q2013

Sample Date/Time: 07/23/2013 10:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-3		600-111710		07/26/2013 15:35	1	TAL HOU	DT1
A:8260B	600-76796-A-3		600-111710		07/26/2013 15:35	1	TAL HOU	DT1

Lab ID: 600-76796-4

Client ID: ARTESIA-MW30-3Q2013

Sample Date/Time: 07/23/2013 17:25

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-4		600-111710		07/26/2013 19:23	1	TAL HOU	DT1
A:8260B	600-76796-C-4		600-111710		07/26/2013 19:23	1	TAL HOU	DT1

Lab ID: 600-76796-5

Client ID: ARTESIA-DUP01-3Q2013

Sample Date/Time: 07/23/2013 13:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-5		600-111811		07/29/2013 16:03	1	TAL HOU	DT1
A:8260B	600-76796-B-5		600-111811		07/29/2013 16:03	1	TAL HOU	DT1
P:5030B	600-76796-C-5	DL	600-111958		07/30/2013 21:21	10	TAL HOU	DT1
A:8260B	600-76796-C-5	DL	600-111958		07/30/2013 21:21	10	TAL HOU	DT1

Lab ID: 600-76796-6

Client ID: ARTESIA-MW29-3Q2013

Sample Date/Time: 07/23/2013 15:50

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-6		600-111710		07/26/2013 19:52	1	TAL HOU	DT1
A:8260B	600-76796-C-6		600-111710		07/26/2013 19:52	1	TAL HOU	DT1

Lab ID: 600-76796-7

Client ID: ARTESIA-MW09-3Q2013

Sample Date/Time: 07/23/2013 11:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-7		600-111710		07/26/2013 20:20	1	TAL HOU	DT1
A:8260B	600-76796-C-7		600-111710		07/26/2013 20:20	1	TAL HOU	DT1

Lab ID: 600-76796-8

Client ID: ARTESIA-MW15-3Q2013

Sample Date/Time: 07/23/2013 11:30

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-8		600-111710		07/26/2013 20:49	1	TAL HOU	DT1
A:8260B	600-76796-C-8		600-111710		07/26/2013 20:49	1	TAL HOU	DT1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: 600-76796-9

Client ID: ARTESIA-TANK01-3Q2013

Sample Date/Time: 07/23/2013 17:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-9		600-111811		07/29/2013 19:23	1	TAL HOU	DT1
A:8260B	600-76796-B-9		600-111811		07/29/2013 19:23	1	TAL HOU	DT1

Lab ID: 600-76796-10

Client ID: ARTESIA-MW33-3Q2013

Sample Date/Time: 07/23/2013 17:00

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-10		600-111811		07/29/2013 19:51	1	TAL HOU	DT1
A:8260B	600-76796-B-10		600-111811		07/29/2013 19:51	1	TAL HOU	DT1

Lab ID: 600-76796-11

Client ID: ARTESIA-MW20-3Q2013

Sample Date/Time: 07/23/2013 14:45

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-11		600-111811		07/29/2013 20:20	1	TAL HOU	DT1
A:8260B	600-76796-B-11		600-111811		07/29/2013 20:20	1	TAL HOU	DT1

Lab ID: 600-76796-12

Client ID: ARTESIA-MW28-3Q2013

Sample Date/Time: 07/23/2013 15:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-12		600-111811		07/29/2013 20:48	1	TAL HOU	DT1
A:8260B	600-76796-B-12		600-111811		07/29/2013 20:48	1	TAL HOU	DT1

Lab ID: 600-76796-13

Client ID: ARTESIA-MW27-3Q2013

Sample Date/Time: 07/24/2013 08:25

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-13		600-111811		07/29/2013 21:17	1	TAL HOU	DT1
A:8260B	600-76796-B-13		600-111811		07/29/2013 21:17	1	TAL HOU	DT1

Lab ID: 600-76796-14

Client ID: ARTESIA-MW22-3Q2013

Sample Date/Time: 07/24/2013 09:00

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-14		600-111958		07/30/2013 18:30	1	TAL HOU	DT1
A:8260B	600-76796-A-14		600-111958		07/30/2013 18:30	1	TAL HOU	DT1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: 600-76796-15

Client ID: ARTESIA-MW25-3Q2013

Sample Date/Time: 07/24/2013 09:25

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-A-15		600-111958		07/30/2013 18:59	1	TAL HOU	DT1
A:8260B	600-76796-A-15		600-111958		07/30/2013 18:59	1	TAL HOU	DT1

Lab ID: 600-76796-16

Client ID: ARTESIA-DUP02-3Q2013

Sample Date/Time: 07/24/2013 09:35

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-16		600-111811		07/29/2013 14:37	1	TAL HOU	DT1
A:8260B	600-76796-C-16		600-111811		07/29/2013 14:37	1	TAL HOU	DT1

Lab ID: 600-76796-17

Client ID: ARTESIA-MW21-3Q2013

Sample Date/Time: 07/24/2013 09:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-17		600-111811		07/29/2013 15:06	1	TAL HOU	DT1
A:8260B	600-76796-C-17		600-111811		07/29/2013 15:06	1	TAL HOU	DT1

Lab ID: 600-76796-17

Client ID: ARTESIA-MW21-3Q2013

Sample Date/Time: 07/24/2013 09:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-17 MS		600-111811		07/29/2013 16:32	1	TAL HOU	DT1
A:8260B	600-76796-C-17 MS		600-111811		07/29/2013 16:32	1	TAL HOU	DT1

Lab ID: 600-76796-17

Client ID: ARTESIA-MW21-3Q2013

Sample Date/Time: 07/24/2013 09:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-17 MSD		600-111811		07/29/2013 17:00	1	TAL HOU	DT1
A:8260B	600-76796-C-17 MSD		600-111811		07/29/2013 17:00	1	TAL HOU	DT1

Lab ID: 600-76796-18

Client ID: ARTESIA-MW31-3Q2013

Sample Date/Time: 07/24/2013 10:25

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-18		600-111958		07/30/2013 19:28	1	TAL HOU	DT1
A:8260B	600-76796-C-18		600-111958		07/30/2013 19:28	1	TAL HOU	DT1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: 600-76796-19

Client ID: ARTESIA-MW18-3Q2013

Sample Date/Time: 07/24/2013 10:55

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-19		600-111958		07/30/2013 19:56	1	TAL HOU	DT1
A:8260B	600-76796-C-19		600-111958		07/30/2013 19:56	1	TAL HOU	DT1

Lab ID: 600-76796-20

Client ID: ARTESIA-MW11-3Q2013

Sample Date/Time: 07/24/2013 11:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-20		600-111958		07/30/2013 20:24	1	TAL HOU	DT1
A:8260B	600-76796-C-20		600-111958		07/30/2013 20:24	1	TAL HOU	DT1

Lab ID: 600-76796-21

Client ID: ARTESIA-MW08-3Q2013

Sample Date/Time: 07/24/2013 11:40

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-21		600-111958		07/30/2013 20:53	1	TAL HOU	DT1
A:8260B	600-76796-C-21		600-111958		07/30/2013 20:53	1	TAL HOU	DT1

Lab ID: 600-76796-22

Client ID: ARTESIA-MW26-3Q2013

Sample Date/Time: 07/24/2013 08:00

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-22		600-112020		07/31/2013 12:59	1	TAL HOU	DT1
A:8260B	600-76796-C-22		600-112020		07/31/2013 12:59	1	TAL HOU	DT1

Lab ID: 600-76796-23

Client ID: ARTESIA-TB01-3Q2013

Sample Date/Time: 07/23/2013 07:00

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-B-23		600-111958		07/30/2013 12:47	1	TAL HOU	DT1
A:8260B	600-76796-B-23		600-111958		07/30/2013 12:47	1	TAL HOU	DT1

Lab ID: 600-76796-24

Client ID: ARTESIA-TANK02-3Q2013

Sample Date/Time: 07/24/2013 14:20

Received Date/Time: 07/25/2013 09:36

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-76796-C-24		600-111958		07/30/2013 18:02	1	TAL HOU	DT1
A:8260B	600-76796-C-24		600-111958		07/30/2013 18:02	1	TAL HOU	DT1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 600-111710/4		600-111710		07/26/2013 14:38	1	TAL HOU	DT1
A:8260B	MB 600-111710/4		600-111710		07/26/2013 14:38	1	TAL HOU	DT1
P:5030B	MB 600-111811/4		600-111811		07/29/2013 14:09	1	TAL HOU	DT1
A:8260B	MB 600-111811/4		600-111811		07/29/2013 14:09	1	TAL HOU	DT1
P:5030B	MB 600-111958/4		600-111958		07/30/2013 11:51	1	TAL HOU	DT1
A:8260B	MB 600-111958/4		600-111958		07/30/2013 11:51	1	TAL HOU	DT1
P:5030B	MB 600-112020/4		600-112020		07/31/2013 11:34	1	TAL HOU	DT1
A:8260B	MB 600-112020/4		600-112020		07/31/2013 11:34	1	TAL HOU	DT1

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 600-111710/3		600-111710		07/26/2013 13:12	1	TAL HOU	DT1
A:8260B	LCS 600-111710/3		600-111710		07/26/2013 13:12	1	TAL HOU	DT1
P:5030B	LCS 600-111811/5		600-111811		07/29/2013 12:43	1	TAL HOU	DT1
A:8260B	LCS 600-111811/5		600-111811		07/29/2013 12:43	1	TAL HOU	DT1
P:5030B	LCS 600-111958/3		600-111958		07/30/2013 10:24	1	TAL HOU	DT1
A:8260B	LCS 600-111958/3		600-111958		07/30/2013 10:24	1	TAL HOU	DT1
P:5030B	LCS 600-112020/3		600-112020		07/31/2013 10:09	1	TAL HOU	DT1
A:8260B	LCS 600-112020/3		600-112020		07/31/2013 10:09	1	TAL HOU	DT1

Lab References:

TAL HOU = TestAmerica Houston

Certification Summary

Client: CH2M Hill Constructors, Inc.

TestAmerica Job ID: 600-76796-1

Project/Site: Dowell-Artesia Groundwaters 7/23-7/24/13

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Louisiana	NELAP	6	01967
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAP	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAP	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

8260B_LL

Volatile Organic Compounds (GC/MS)
by Method 8260B Low Level

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
ARTESIA-MW32-3Q201 3	600-76796-1	89	99	96	102
ARTESIA-MW12-3Q201 3	600-76796-2	84	94	94	90
ARTESIA-MW12-3Q201 3 DL	600-76796-2 DL	83	92	93	95
ARTESIA-MW13-3Q201 3	600-76796-3	90	102	93	106
ARTESIA-MW30-3Q201 3	600-76796-4	88	102	95	99
ARTESIA-DUP01-3Q20 13	600-76796-5	84	92	94	90
ARTESIA-DUP01-3Q20 13 DL	600-76796-5 DL	84	95	89	94
ARTESIA-MW29-3Q201 3	600-76796-6	89	99	97	102
ARTESIA-MW09-3Q201 3	600-76796-7	89	100	94	102
ARTESIA-MW15-3Q201 3	600-76796-8	93	106	93	105
ARTESIA-TANK01-3Q2 013	600-76796-9	85	95	94	101
ARTESIA-MW33-3Q201 3	600-76796-10	84	97	94	99
ARTESIA-MW20-3Q201 3	600-76796-11	84	95	92	98
ARTESIA-MW28-3Q201 3	600-76796-12	86	94	92	99
ARTESIA-MW27-3Q201 3	600-76796-13	86	99	94	98
ARTESIA-MW22-3Q201 3	600-76796-14	86	96	92	100
ARTESIA-MW25-3Q201 3	600-76796-15	83	92	89	103
ARTESIA-DUP02-3Q20 13	600-76796-16	83	93	93	102
ARTESIA-MW21-3Q201 3	600-76796-17	85	97	91	102
ARTESIA-MW31-3Q201 3	600-76796-18	82	92	93	99
ARTESIA-MW18-3Q201 3	600-76796-19	87	94	93	98
ARTESIA-MW11-3Q201 3	600-76796-20	84	97	89	100
ARTESIA-MW08-3Q201 3	600-76796-21	84	95	91	97
ARTESIA-MW26-3Q201 3	600-76796-22	84	95	97	105

QC LIMITS

DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

62-130
50-134
70-130
67-139

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
ARTESIA-TB01-3Q2013	600-76796-23	87	97	95	107
ARTESIA-TANK02-3Q2013	600-76796-24	84	95	88	100
	MB 600-111710/4	85	98	100	103
	MB 600-111811/4	84	95	92	96
	MB 600-111958/4	88	100	93	103
	MB 600-112020/4	86	98	91	105
	LCS 600-111710/3	99	102	102	104
	LCS 600-111811/5	88	96	100	98
	LCS 600-111958/3	93	97	97	100
	LCS 600-112020/3	92	99	92	97
ARTESIA-MW32-3Q2013 MS	600-76796-1 MS	94	98	93	94
ARTESIA-MW12-3Q2013 MS DL	600-76796-2 MS DL	87	92	94	93
ARTESIA-MW21-3Q2013 MS	600-76796-17 MS	86	89	93	92
ARTESIA-MW32-3Q2013 MSD	600-76796-1 MSD	94	96	92	95
ARTESIA-MW12-3Q2013 MSD DL	600-76796-2 MSD DL	86	89	94	93
ARTESIA-MW21-3Q2013 MSD	600-76796-17 MSD	86	91	91	94

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A20702.D
 Lab ID: LCS 600-111710/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	4.878	49	12-136	
Chloromethane	10.0	7.724	77	32-151	
Vinyl chloride	10.0	9.879	99	47-146	
Bromomethane	10.0	11.18	112	52-146	
Chloroethane	10.0	10.93	109	56-144	
Trichlorofluoromethane	10.0	10.70	107	55-142	
1,1-Dichloroethene	10.0	10.83	108	59-145	
trans-1,2-Dichloroethene	10.0	8.304	83	70-132	
Methyl tert-butyl ether	10.0	9.188	92	63-142	
Methylene Chloride	10.0	8.633	86	62-134	
cis-1,2-Dichloroethene	10.0	8.969	90	69-129	
2-Butanone (MEK)	20.0	15.51	78	59-133	
Bromochloromethane	10.0	8.217	82	60-141	
Carbon tetrachloride	10.0	10.61	106	59-147	
Benzene	10.0	9.646	96	69-131	
1,2-Dichloroethane	10.0	10.20	102	66-140	
Trichloroethene	10.0	9.965	100	68-130	
1,1,1-Trichloroethane	10.0	10.37	104	65-142	
1,1-Dichloroethane	10.0	9.189	92	66-126	
1,2-Dichloropropane	10.0	9.213	92	72-125	
2,2-Dichloropropane	10.0	9.874	99	43-169	
Dibromomethane	10.0	9.629	96	68-134	
Chloroform	10.0	8.762	88	69-128	
Bromodichloromethane	10.0	9.862	99	73-130	
2-Chloroethyl vinyl ether	10.0	7.614	76	10-209	
1,1-Dichloropropene	10.0	9.119	91	59-134	
cis-1,3-Dichloropropene	10.0	7.734	77	60-135	
Toluene	10.0	9.229	92	67-130	
trans-1,3-Dichloropropene	10.0	8.662	87	63-133	
1,1,2-Trichloroethane	10.0	9.250	93	68-130	
Tetrachloroethene	10.0	9.284	93	61-142	
1,3-Dichloropropane	10.0	9.263	93	62-132	
Chlorodibromomethane	10.0	8.600	86	58-132	
1,2-Dibromoethane	10.0	9.222	92	68-128	
Chlorobenzene	10.0	8.455	85	60-136	
1,1,1,2-Tetrachloroethane	10.0	9.553	96	57-136	
Ethylbenzene	10.0	9.156	92	68-128	
m-Xylene & p-Xylene	20.0	18.57	93	67-132	
Xylenes, Total	30.0	27.42	91	68-132	
o-Xylene	10.0	8.845	88	68-134	
Styrene	10.0	9.206	92	68-133	
Bromoform	10.0	8.068	81	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A20702.D
 Lab ID: LCS 600-111710/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.529	95	79-146	
Bromobenzene	10.0	9.638	96	61-134	
1,2,3-Trichloropropane	10.0	9.289	93	52-157	
1,1,2,2-Tetrachloroethane	10.0	8.991	90	68-134	
N-Propylbenzene	10.0	9.691	97	61-137	
2-Chlorotoluene	10.0	9.027	90	58-135	
4-Chlorotoluene	10.0	9.803	98	64-134	
1,3,5-Trimethylbenzene	10.0	9.615	96	63-132	
tert-Butylbenzene	10.0	10.28	103	67-148	
p-Isopropyltoluene	10.0	10.74	107	63-138	
1,2,4-Trimethylbenzene	10.0	9.694	97	63-131	
sec-Butylbenzene	10.0	9.695	97	61-134	
1,3-Dichlorobenzene	10.0	9.096	91	71-132	
1,4-Dichlorobenzene	10.0	9.861	99	72-131	
1,2-Dichlorobenzene	10.0	9.306	93	71-133	
n-Butylbenzene	10.0	10.46	105	62-132	
1,2-Dibromo-3-Chloropropane	10.0	8.096	81	43-141	
1,2,4-Trichlorobenzene	10.0	9.533	95	55-151	
Hexachlorobutadiene	10.0	9.450	95	53-140	
Naphthalene	10.0	10.80	108	19-195	
1,2,3-Trichlorobenzene	10.0	11.03	110	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21002.D
 Lab ID: LCS 600-111811/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.120	91	12-136	
Chloromethane	10.0	6.897	69	32-151	
Vinyl chloride	10.0	7.141	71	47-146	
Bromomethane	10.0	7.601	76	52-146	
Chloroethane	10.0	7.204	72	56-144	
Trichlorofluoromethane	10.0	8.697	87	55-142	
1,1-Dichloroethene	10.0	8.947	89	59-145	
trans-1,2-Dichloroethene	10.0	9.173	92	70-132	
Methyl tert-butyl ether	10.0	9.985	100	63-142	
Methylene Chloride	10.0	7.038	70	62-134	
cis-1,2-Dichloroethene	10.0	8.977	90	69-129	
2-Butanone (MEK)	20.0	17.87	89	59-133	
Bromochloromethane	10.0	8.697	87	60-141	
Carbon tetrachloride	10.0	12.73	127	59-147	
Benzene	10.0	9.717	97	69-131	
1,2-Dichloroethane	10.0	11.14	111	66-140	
Trichloroethene	10.0	11.28	113	68-130	
1,1,1-Trichloroethane	10.0	11.99	120	65-142	
1,1-Dichloroethane	10.0	10.60	106	66-126	
1,2-Dichloropropane	10.0	9.792	98	72-125	
2,2-Dichloropropane	10.0	12.91	129	43-169	
Dibromomethane	10.0	9.992	100	68-134	
Chloroform	10.0	9.604	96	69-128	
Bromodichloromethane	10.0	11.07	111	73-130	
2-Chloroethyl vinyl ether	10.0	9.457	95	10-209	
1,1-Dichloropropene	10.0	10.36	104	59-134	
cis-1,3-Dichloropropene	10.0	9.013	90	60-135	
Toluene	10.0	9.945	99	67-130	
trans-1,3-Dichloropropene	10.0	10.25	103	63-133	
1,1,2-Trichloroethane	10.0	10.41	104	68-130	
Tetrachloroethene	10.0	11.32	113	61-142	
1,3-Dichloropropane	10.0	10.09	101	62-132	
Chlorodibromomethane	10.0	10.71	107	58-132	
1,2-Dibromoethane	10.0	10.57	106	68-128	
Chlorobenzene	10.0	9.340	93	60-136	
1,1,1,2-Tetrachloroethane	10.0	11.34	113	57-136	
Ethylbenzene	10.0	10.26	103	68-128	
m-Xylene & p-Xylene	20.0	19.86	99	67-132	
Xylenes, Total	30.0	29.43	98	68-132	
o-Xylene	10.0	9.568	96	68-134	
Styrene	10.0	10.11	101	68-133	
Bromoform	10.0	10.31	103	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21002.D
 Lab ID: LCS 600-111811/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.792	98	79-146	
Bromobenzene	10.0	10.55	105	61-134	
1,2,3-Trichloropropane	10.0	9.824	98	52-157	
1,1,2,2-Tetrachloroethane	10.0	9.042	90	68-134	
N-Propylbenzene	10.0	9.997	100	61-137	
2-Chlorotoluene	10.0	9.161	92	58-135	
4-Chlorotoluene	10.0	9.850	99	64-134	
1,3,5-Trimethylbenzene	10.0	9.726	97	63-132	
tert-Butylbenzene	10.0	10.84	108	67-148	
p-Isopropyltoluene	10.0	11.18	112	63-138	
1,2,4-Trimethylbenzene	10.0	9.893	99	63-131	
sec-Butylbenzene	10.0	9.795	98	61-134	
1,3-Dichlorobenzene	10.0	9.801	98	71-132	
1,4-Dichlorobenzene	10.0	10.00	100	72-131	
1,2-Dichlorobenzene	10.0	10.03	100	71-133	
n-Butylbenzene	10.0	10.52	105	62-132	
1,2-Dibromo-3-Chloropropane	10.0	10.03	100	43-141	
1,2,4-Trichlorobenzene	10.0	11.75	118	55-151	
Hexachlorobutadiene	10.0	11.98	120	53-140	
Naphthalene	10.0	12.12	121	19-195	
1,2,3-Trichlorobenzene	10.0	13.75	138	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21102.D
 Lab ID: LCS 600-111958/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.58	106	12-136	
Chloromethane	10.0	7.605	76	32-151	
Vinyl chloride	10.0	7.643	76	47-146	
Bromomethane	10.0	8.101	81	52-146	
Chloroethane	10.0	8.183	82	56-144	
Trichlorofluoromethane	10.0	9.274	93	55-142	
1,1-Dichloroethene	10.0	9.840	98	59-145	
trans-1,2-Dichloroethene	10.0	9.382	94	70-132	
Methyl tert-butyl ether	10.0	9.489	95	63-142	
Methylene Chloride	10.0	7.256	73	62-134	
cis-1,2-Dichloroethene	10.0	9.093	91	69-129	
2-Butanone (MEK)	20.0	17.71	89	59-133	
Bromochloromethane	10.0	8.717	87	60-141	
Carbon tetrachloride	10.0	12.80	128	59-147	
Benzene	10.0	9.768	98	69-131	
1,2-Dichloroethane	10.0	11.46	115	66-140	
Trichloroethene	10.0	11.08	111	68-130	
1,1,1-Trichloroethane	10.0	11.91	119	65-142	
1,1-Dichloroethane	10.0	10.58	106	66-126	
1,2-Dichloropropane	10.0	9.476	95	72-125	
2,2-Dichloropropane	10.0	12.08	121	43-169	
Dibromomethane	10.0	10.18	102	68-134	
Chloroform	10.0	9.170	92	69-128	
Bromodichloromethane	10.0	10.64	106	73-130	
2-Chloroethyl vinyl ether	10.0	8.645	86	10-209	
1,1-Dichloropropene	10.0	10.14	101	59-134	
cis-1,3-Dichloropropene	10.0	8.294	83	60-135	
Toluene	10.0	9.630	96	67-130	
trans-1,3-Dichloropropene	10.0	9.216	92	63-133	
1,1,2-Trichloroethane	10.0	9.305	93	68-130	
Tetrachloroethene	10.0	10.85	109	61-142	
1,3-Dichloropropane	10.0	9.480	95	62-132	
Chlorodibromomethane	10.0	9.609	96	58-132	
1,2-Dibromoethane	10.0	9.869	99	68-128	
Chlorobenzene	10.0	9.292	93	60-136	
1,1,1,2-Tetrachloroethane	10.0	11.04	110	57-136	
Ethylbenzene	10.0	9.958	100	68-128	
m-Xylene & p-Xylene	20.0	19.71	99	67-132	
Xylenes, Total	30.0	29.28	98	68-132	
o-Xylene	10.0	9.574	96	68-134	
Styrene	10.0	9.998	100	68-133	
Bromoform	10.0	9.732	97	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21102.D
 Lab ID: LCS 600-111958/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.937	99	79-146	
Bromobenzene	10.0	10.41	104	61-134	
1,2,3-Trichloropropane	10.0	9.902	99	52-157	
1,1,2,2-Tetrachloroethane	10.0	8.942	89	68-134	
N-Propylbenzene	10.0	10.15	101	61-137	
2-Chlorotoluene	10.0	9.492	95	58-135	
4-Chlorotoluene	10.0	10.07	101	64-134	
1,3,5-Trimethylbenzene	10.0	9.967	100	63-132	
tert-Butylbenzene	10.0	11.07	111	67-148	
p-Isopropyltoluene	10.0	11.35	113	63-138	
1,2,4-Trimethylbenzene	10.0	10.14	101	63-131	
sec-Butylbenzene	10.0	10.08	101	61-134	
1,3-Dichlorobenzene	10.0	9.791	98	71-132	
1,4-Dichlorobenzene	10.0	10.06	101	72-131	
1,2-Dichlorobenzene	10.0	9.838	98	71-133	
n-Butylbenzene	10.0	10.64	106	62-132	
1,2-Dibromo-3-Chloropropane	10.0	9.654	97	43-141	
1,2,4-Trichlorobenzene	10.0	9.959	100	55-151	
Hexachlorobutadiene	10.0	11.66	117	53-140	
Naphthalene	10.0	11.29	113	19-195	
1,2,3-Trichlorobenzene	10.0	11.48	115	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21202.D
 Lab ID: LCS 600-112020/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.96	120	12-136	
Chloromethane	10.0	8.890	89	32-151	
Vinyl chloride	10.0	8.785	88	47-146	
Bromomethane	10.0	9.273	93	52-146	
Chloroethane	10.0	9.401	94	56-144	
Trichlorofluoromethane	10.0	9.945	99	55-142	
1,1-Dichloroethene	10.0	10.48	105	59-145	
trans-1,2-Dichloroethene	10.0	9.608	96	70-132	
Methyl tert-butyl ether	10.0	9.850	98	63-142	
Methylene Chloride	10.0	8.833	88	62-134	
cis-1,2-Dichloroethene	10.0	9.667	97	69-129	
2-Butanone (MEK)	20.0	17.77	89	59-133	
Bromochloromethane	10.0	9.167	92	60-141	
Carbon tetrachloride	10.0	13.30	133	59-147	
Benzene	10.0	9.885	99	69-131	
1,2-Dichloroethane	10.0	11.58	116	66-140	
Trichloroethene	10.0	10.92	109	68-130	
1,1,1-Trichloroethane	10.0	11.80	118	65-142	
1,1-Dichloroethane	10.0	10.57	106	66-126	
1,2-Dichloropropane	10.0	9.729	97	72-125	
2,2-Dichloropropane	10.0	12.46	125	43-169	
Dibromomethane	10.0	10.34	103	68-134	
Chloroform	10.0	9.033	90	69-128	
Bromodichloromethane	10.0	10.37	104	73-130	
2-Chloroethyl vinyl ether	10.0	8.952	90	10-209	
1,1-Dichloropropene	10.0	9.553	96	59-134	
cis-1,3-Dichloropropene	10.0	8.409	84	60-135	
Toluene	10.0	9.462	95	67-130	
trans-1,3-Dichloropropene	10.0	9.789	98	63-133	
1,1,2-Trichloroethane	10.0	9.317	93	68-130	
Tetrachloroethene	10.0	10.80	108	61-142	
1,3-Dichloropropane	10.0	9.595	96	62-132	
Chlorodibromomethane	10.0	10.36	104	58-132	
1,2-Dibromoethane	10.0	10.41	104	68-128	
Chlorobenzene	10.0	9.533	95	60-136	
1,1,1,2-Tetrachloroethane	10.0	11.36	114	57-136	
Ethylbenzene	10.0	10.17	102	68-128	
m-Xylene & p-Xylene	20.0	19.97	100	67-132	
Xylenes, Total	30.0	29.82	99	68-132	
o-Xylene	10.0	9.850	99	68-134	
Styrene	10.0	10.39	104	68-133	
Bromoform	10.0	10.49	105	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21202.D
 Lab ID: LCS 600-112020/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.796	98	79-146	
Bromobenzene	10.0	10.47	105	61-134	
1,2,3-Trichloropropane	10.0	9.889	99	52-157	
1,1,2,2-Tetrachloroethane	10.0	9.066	91	68-134	
N-Propylbenzene	10.0	10.21	102	61-137	
2-Chlorotoluene	10.0	9.285	93	58-135	
4-Chlorotoluene	10.0	10.05	100	64-134	
1,3,5-Trimethylbenzene	10.0	9.992	100	63-132	
tert-Butylbenzene	10.0	11.09	111	67-148	
p-Isopropyltoluene	10.0	11.57	116	63-138	
1,2,4-Trimethylbenzene	10.0	10.18	102	63-131	
sec-Butylbenzene	10.0	10.12	101	61-134	
1,3-Dichlorobenzene	10.0	9.858	99	71-132	
1,4-Dichlorobenzene	10.0	10.10	101	72-131	
1,2-Dichlorobenzene	10.0	9.655	97	71-133	
n-Butylbenzene	10.0	10.72	107	62-132	
1,2-Dibromo-3-Chloropropane	10.0	9.744	97	43-141	
1,2,4-Trichlorobenzene	10.0	9.994	100	55-151	
Hexachlorobutadiene	10.0	11.39	114	53-140	
Naphthalene	10.0	11.55	115	19-195	
1,2,3-Trichlorobenzene	10.0	11.01	110	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A20709.D
Lab ID: 600-76796-1 MS Client ID: ARTESIA-MW32-3Q2013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	0.120 U	14.91	149	60-140	F
Chloromethane	10.0	0.180 U	5.365	54	60-140	F
Vinyl chloride	10.0	0.110 U	8.328	83	60-140	
Bromomethane	10.0	0.250 U	10.48	105	60-140	
Chloroethane	10.0	0.0800 U	11.28	113	60-140	
Trichlorofluoromethane	10.0	0.0800 U	11.43	114	60-140	
1,1-Dichloroethene	10.0	8.08	19.95	119	22-143	
trans-1,2-Dichloroethene	10.0	0.0900 U	8.869	89	60-140	
Methyl tert-butyl ether	10.0	0.120 U	9.024	90	60-140	
Methylene Chloride	10.0	0.150 U	6.435	64	60-140	
cis-1,2-Dichloroethene	10.0	0.0600 U	9.143	91	60-140	
2-Butanone (MEK)	20.0	0.760 U	15.23	76	60-140	
Bromochloromethane	10.0	0.180 U	8.432	84	60-140	
Carbon tetrachloride	10.0	0.150 U	10.63	106	60-140	
Benzene	10.0	0.0830 J	9.509	94	65-125	
1,2-Dichloroethane	10.0	0.140 U	9.913	99	60-140	
Trichloroethene	10.0	1.59	11.71	101	56-118	
1,1,1-Trichloroethane	10.0	0.150 U	10.54	105	60-140	
1,1-Dichloroethane	10.0	1.24	10.74	95	60-140	
1,2-Dichloropropane	10.0	0.160 U	9.269	93	60-140	
2,2-Dichloropropane	10.0	0.130 U	10.30	103	60-140	
Dibromomethane	10.0	0.520 U	9.441	94	60-140	
Chloroform	10.0	0.130 U	8.456	85	60-140	
Bromodichloromethane	10.0	0.160 U	9.797	98	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0.500 U	0	60-140	F
1,1-Dichloropropene	10.0	0.210 U	9.426	94	60-140	
cis-1,3-Dichloropropene	10.0	0.180 U	8.029	80	60-140	
Toluene	10.0	0.150 U	9.291	93	76-125	
trans-1,3-Dichloropropene	10.0	0.210 U	8.245	82	60-140	
1,1,2-Trichloroethane	10.0	0.280 U	9.137	91	60-140	
Tetrachloroethene	10.0	7.50	17.08	96	60-140	
1,3-Dichloropropane	10.0	0.220 U	9.214	92	60-140	
Chlorodibromomethane	10.0	0.150 U	8.629	86	60-140	
1,2-Dibromoethane	10.0	0.180 U	9.079	91	60-140	
Chlorobenzene	10.0	0.120 U	8.685	87	72-122	
1,1,1,2-Tetrachloroethane	10.0	0.180 U	9.688	97	60-140	
Ethylbenzene	10.0	0.110 U	9.459	95	60-140	
m-Xylene & p-Xylene	20.0	0.170 U	19.39	97	60-140	
Xylenes, Total	30.0	0.260 U	28.56	95	60-140	
o-Xylene	10.0	0.120 U	9.168	92	60-140	
Styrene	10.0	0.0700 U	7.248	72	60-140	
Bromoform	10.0	0.190 U	8.212	82	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A20709.D
 Lab ID: 600-76796-1 MS Client ID: ARTESIA-MW32-3Q2013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	0.180 U	9.373	94	60-140	
Bromobenzene	10.0	0.190 U	9.539	95	60-140	
1,2,3-Trichloropropane	10.0	0.290 U	8.714	87	60-140	
1,1,2,2-Tetrachloroethane	10.0	0.220 U	8.623	86	60-140	
N-Propylbenzene	10.0	0.150 U	9.694	97	60-140	
2-Chlorotoluene	10.0	0.130 U	8.801	88	60-140	
4-Chlorotoluene	10.0	0.140 U	9.513	95	60-140	
1,3,5-Trimethylbenzene	10.0	0.100 U	9.483	95	60-140	
tert-Butylbenzene	10.0	0.0800 U	10.33	103	60-140	
p-Isopropyltoluene	10.0	0.100 U	10.74	107	60-140	
1,2,4-Trimethylbenzene	10.0	0.140 U	9.753	98	60-140	
sec-Butylbenzene	10.0	0.120 U	9.632	96	60-140	
1,3-Dichlorobenzene	10.0	0.130 U	8.883	89	60-140	
1,4-Dichlorobenzene	10.0	0.110 U	9.403	94	60-140	
1,2-Dichlorobenzene	10.0	0.100 U	8.681	87	60-140	
n-Butylbenzene	10.0	0.160 U	10.44	104	60-140	
1,2-Dibromo-3-Chloropropane	10.0	0.810 U	6.465	65	60-140	
1,2,4-Trichlorobenzene	10.0	0.310 U	7.527	75	60-140	
Hexachlorobutadiene	10.0	0.170 U	9.464	95	60-140	
Naphthalene	10.0	0.320 U	7.235	72	60-140	
1,2,3-Trichlorobenzene	10.0	0.570 U	8.056	81	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21111.D
 Lab ID: 600-76796-2 MS DL Client ID: ARTESIA-MW12-3Q2013 MS DL

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	100	1.20 U	99.76	100	60-140	
Chloromethane	100	1.80 U	65.19	65	60-140	
Vinyl chloride	100	1.10 U	75.08	75	60-140	
Bromomethane	100	2.50 U	72.77	73	60-140	
Chloroethane	100	0.800 U	75.91	76	60-140	
Trichlorofluoromethane	100	0.800 U	84.56	85	60-140	
1,1-Dichloroethene	100	1.90 U	91.53	92	22-143	
trans-1,2-Dichloroethene	100	0.900 U	91.05	91	60-140	
Methyl tert-butyl ether	100	1.20 U	94.88	95	60-140	
Methylene Chloride	100	1.50 U	79.39	79	60-140	
cis-1,2-Dichloroethene	100	30.0	120.1	90	60-140	
2-Butanone (MEK)	200	7.60 U	178.0	89	60-140	
Bromochloromethane	100	1.80 U	85.07	85	60-140	
Carbon tetrachloride	100	1.50 U	114.2	114	60-140	
Benzene	100	5.40 J	98.16	93	65-125	
1,2-Dichloroethane	100	1.40 U	110.3	110	60-140	
Trichloroethene	100	2.42 J	105.4	103	56-118	
1,1,1-Trichloroethane	100	1.50 U	108.6	109	60-140	
1,1-Dichloroethane	100	17.8	119.4	102	60-140	
1,2-Dichloropropane	100	1.60 U	94.10	94	60-140	
2,2-Dichloropropane	100	1.30 U	104.2	104	60-140	
Dibromomethane	100	5.20 U	96.38	96	60-140	
Chloroform	100	1.30 U	92.10	92	60-140	
Bromodichloromethane	100	1.60 U	101.7	102	60-140	
2-Chloroethyl vinyl ether	100	5.00 U	5.00 U	0	60-140	F
1,1-Dichloropropene	100	2.10 U	97.28	97	60-140	
cis-1,3-Dichloropropene	100	1.80 U	77.32	77	60-140	
Toluene	100	1.50 U	94.24	94	76-125	
trans-1,3-Dichloropropene	100	2.10 U	86.51	87	60-140	
1,1,2-Trichloroethane	100	2.80 U	95.00	95	60-140	
Tetrachloroethene	100	1.30 U	104.6	105	60-140	
1,3-Dichloropropane	100	2.20 U	95.92	96	60-140	
Chlorodibromomethane	100	1.50 U	94.87	95	60-140	
1,2-Dibromoethane	100	1.80 U	94.58	95	60-140	
Chlorobenzene	100	1.20 U	90.11	90	72-122	
1,1,1,2-Tetrachloroethane	100	1.80 U	102.9	103	60-140	
Ethylbenzene	100	162	254.5	92	60-140	
m-Xylene & p-Xylene	200	59.4	244.3	92	60-140	
Xylenes, Total	300	60.8	337.1	92	60-140	
o-Xylene	100	1.40 J	92.75	91	60-140	
Styrene	100	1.15 J	95.60	94	60-140	
Bromoform	100	1.90 U	88.17	88	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21111.D
 Lab ID: 600-76796-2 MS DL Client ID: ARTESIA-MW12-3Q2013 MS DL

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	100	96.0	186.8	91	60-140	
Bromobenzene	100	2.44 J	95.44	93	60-140	
1,2,3-Trichloropropane	100	2.90 U	89.42	89	60-140	
1,1,2,2-Tetrachloroethane	100	2.20 U	85.52	86	60-140	
N-Propylbenzene	100	148	236.9	89	60-140	
2-Chlorotoluene	100	1.30 U	86.99	87	60-140	
4-Chlorotoluene	100	2.38 J	92.70	90	60-140	
1,3,5-Trimethylbenzene	100	3.07 J	94.32	91	60-140	
tert-Butylbenzene	100	1.32 J	103.9	103	60-140	
p-Isopropyltoluene	100	3.24 J	107.0	104	60-140	
1,2,4-Trimethylbenzene	100	282	362.6	81	60-140	
sec-Butylbenzene	100	8.12 J	99.79	92	60-140	
1,3-Dichlorobenzene	100	3.24 J	89.73	86	60-140	
1,4-Dichlorobenzene	100	4.27 J	91.13	87	60-140	
1,2-Dichlorobenzene	100	5.68 J	90.71	85	60-140	
n-Butylbenzene	100	8.27 J	106.6	98	60-140	
1,2-Dibromo-3-Chloropropane	100	8.10 U	79.99	80	60-140	
1,2,4-Trichlorobenzene	100	24.8	93.01	68	60-140	
Hexachlorobutadiene	100	6.75 J	104.2	97	60-140	
Naphthalene	100	135	176.7	42	60-140	F
1,2,3-Trichlorobenzene	100	40.2	93.06	53	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A21009.D
Lab ID: 600-76796-17 MS Client ID: ARTESIA-MW21-3Q2013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	0.120 U	9.137	91	60-140	
Chloromethane	10.0	0.180 U	6.640	66	60-140	
Vinyl chloride	10.0	0.110 U	7.009	70	60-140	
Bromomethane	10.0	0.250 U	7.085	71	60-140	
Chloroethane	10.0	0.0800 U	7.124	71	60-140	
Trichlorofluoromethane	10.0	0.0800 U	8.125	81	60-140	
1,1-Dichloroethene	10.0	1.50	10.11	86	22-143	
trans-1,2-Dichloroethene	10.0	0.0900 U	8.735	87	60-140	
Methyl tert-butyl ether	10.0	0.120 U	9.461	95	60-140	
Methylene Chloride	10.0	0.150 U	6.378	64	60-140	
cis-1,2-Dichloroethene	10.0	0.0600 U	8.910	89	60-140	
2-Butanone (MEK)	20.0	0.760 U	18.79	94	60-140	
Bromochloromethane	10.0	0.180 U	8.360	84	60-140	
Carbon tetrachloride	10.0	0.150 U	11.76	118	60-140	
Benzene	10.0	0.0800 U	9.487	95	65-125	
1,2-Dichloroethane	10.0	0.140 U	10.76	108	60-140	
Trichloroethene	10.0	0.261 J	10.92	107	56-118	
1,1,1-Trichloroethane	10.0	0.150 U	11.21	112	60-140	
1,1-Dichloroethane	10.0	1.93	12.17	102	60-140	
1,2-Dichloropropane	10.0	0.160 U	9.334	93	60-140	
2,2-Dichloropropane	10.0	0.130 U	11.39	114	60-140	
Dibromomethane	10.0	0.520 U	9.398	94	60-140	
Chloroform	10.0	0.130 U	9.350	94	60-140	
Bromodichloromethane	10.0	0.160 U	10.32	103	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0.500 U	0	60-140	F
1,1-Dichloropropene	10.0	0.210 U	10.07	101	60-140	
cis-1,3-Dichloropropene	10.0	0.180 U	8.152	82	60-140	
Toluene	10.0	0.150 U	9.522	95	76-125	
trans-1,3-Dichloropropene	10.0	0.210 U	8.968	90	60-140	
1,1,2-Trichloroethane	10.0	0.280 U	9.419	94	60-140	
Tetrachloroethene	10.0	1.20	11.89	107	60-140	
1,3-Dichloropropane	10.0	0.220 U	9.421	94	60-140	
Chlorodibromomethane	10.0	0.150 U	9.503	95	60-140	
1,2-Dibromoethane	10.0	0.180 U	9.706	97	60-140	
Chlorobenzene	10.0	0.120 U	8.996	90	72-122	
1,1,1,2-Tetrachloroethane	10.0	0.180 U	10.69	107	60-140	
Ethylbenzene	10.0	0.110 U	10.60	106	60-140	
m-Xylene & p-Xylene	20.0	0.170 U	19.40	97	60-140	
Xylenes, Total	30.0	0.260 U	28.71	96	60-140	
o-Xylene	10.0	0.120 U	9.311	93	60-140	
Styrene	10.0	0.0700 U	9.244	92	60-140	
Bromoform	10.0	0.190 U	9.210	92	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21009.D
 Lab ID: 600-76796-17 MS Client ID: ARTESIA-MW21-3Q2013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	0.180 U	10.04	100	60-140	
Bromobenzene	10.0	0.190 U	9.989	100	60-140	
1,2,3-Trichloropropane	10.0	0.290 U	9.248	92	60-140	
1,1,2,2-Tetrachloroethane	10.0	0.220 U	8.566	86	60-140	
N-Propylbenzene	10.0	0.150 U	10.91	109	60-140	
2-Chlorotoluene	10.0	0.130 U	9.040	90	60-140	
4-Chlorotoluene	10.0	0.140 U	9.484	95	60-140	
1,3,5-Trimethylbenzene	10.0	0.100 U	9.534	95	60-140	
tert-Butylbenzene	10.0	0.0800 U	10.67	107	60-140	
p-Isopropyltoluene	10.0	0.100 U	10.78	108	60-140	
1,2,4-Trimethylbenzene	10.0	0.140 U	12.87	129	60-140	
sec-Butylbenzene	10.0	0.120 U	9.614	96	60-140	
1,3-Dichlorobenzene	10.0	0.130 U	9.316	93	60-140	
1,4-Dichlorobenzene	10.0	0.110 U	9.673	97	60-140	
1,2-Dichlorobenzene	10.0	0.100 U	9.378	94	60-140	
n-Butylbenzene	10.0	0.160 U	10.43	104	60-140	
1,2-Dibromo-3-Chloropropane	10.0	0.810 U	8.714	87	60-140	
1,2,4-Trichlorobenzene	10.0	0.310 U	10.53	105	60-140	
Hexachlorobutadiene	10.0	0.170 U	11.05	110	60-140	
Naphthalene	10.0	0.320 U	25.03	250	60-140	F
1,2,3-Trichlorobenzene	10.0	0.570 U	10.42	104	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A20710.D
Lab ID: 600-76796-1 MSD Client ID: ARTESIA-MW32-3Q2013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	10.0	15.36	154	3	30	60-140	F
Chloromethane	10.0	5.255	53	2	30	60-140	F
Vinyl chloride	10.0	7.852	79	6	30	60-140	
Bromomethane	10.0	9.959	100	5	30	60-140	
Chloroethane	10.0	10.64	106	6	30	60-140	
Trichlorofluoromethane	10.0	11.40	114	0	30	60-140	
1,1-Dichloroethene	10.0	18.89	108	5	30	22-143	
trans-1,2-Dichloroethene	10.0	8.414	84	5	30	60-140	
Methyl tert-butyl ether	10.0	9.015	90	0	30	60-140	
Methylene Chloride	10.0	6.084	61	6	30	60-140	
cis-1,2-Dichloroethene	10.0	8.676	87	5	30	60-140	
2-Butanone (MEK)	20.0	16.08	80	5	30	60-140	
Bromochloromethane	10.0	8.429	84	0	30	60-140	
Carbon tetrachloride	10.0	10.50	105	1	30	60-140	
Benzene	10.0	9.238	92	3	30	65-125	
1,2-Dichloroethane	10.0	9.897	99	0	30	60-140	
Trichloroethene	10.0	11.37	98	3	30	56-118	
1,1,1-Trichloroethane	10.0	10.09	101	4	30	60-140	
1,1-Dichloroethane	10.0	10.22	90	5	30	60-140	
1,2-Dichloropropane	10.0	8.861	89	4	30	60-140	
2,2-Dichloropropane	10.0	10.17	102	1	30	60-140	
Dibromomethane	10.0	10.16	102	7	30	60-140	
Chloroform	10.0	8.444	84	0	30	60-140	
Bromodichloromethane	10.0	9.809	98	0	30	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0	NC	30	60-140	F
1,1-Dichloropropene	10.0	9.419	94	0	30	60-140	
cis-1,3-Dichloropropene	10.0	8.156	82	2	30	60-140	
Toluene	10.0	9.061	91	3	30	76-125	
trans-1,3-Dichloropropene	10.0	8.255	83	0	30	60-140	
1,1,2-Trichloroethane	10.0	9.217	92	1	30	60-140	
Tetrachloroethene	10.0	17.07	96	0	30	60-140	
1,3-Dichloropropane	10.0	8.945	89	3	30	60-140	
Chlorodibromomethane	10.0	8.465	85	2	30	60-140	
1,2-Dibromoethane	10.0	8.634	86	5	30	60-140	
Chlorobenzene	10.0	8.541	85	2	30	72-122	
1,1,1,2-Tetrachloroethane	10.0	9.568	96	1	30	60-140	
Ethylbenzene	10.0	9.354	94	1	30	60-140	
m-Xylene & p-Xylene	20.0	18.71	94	4	30	60-140	
Xylenes, Total	30.0	27.60	92	3	30	60-140	
o-Xylene	10.0	8.893	89	3	30	60-140	
Styrene	10.0	4.619	46	44	30	60-140	F
Bromoform	10.0	8.175	82	0	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A20710.D
 Lab ID: 600-76796-1 MSD Client ID: ARTESIA-MW32-3Q2013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	10.0	9.161	92	2	30	60-140	
Bromobenzene	10.0	9.612	96	1	30	60-140	
1,2,3-Trichloropropane	10.0	9.402	94	8	30	60-140	
1,1,2,2-Tetrachloroethane	10.0	8.880	89	3	30	60-140	
N-Propylbenzene	10.0	9.340	93	4	30	60-140	
2-Chlorotoluene	10.0	8.727	87	1	30	60-140	
4-Chlorotoluene	10.0	9.382	94	1	30	60-140	
1,3,5-Trimethylbenzene	10.0	9.395	94	1	30	60-140	
tert-Butylbenzene	10.0	10.25	103	1	30	60-140	
p-Isopropyltoluene	10.0	10.77	108	0	30	60-140	
1,2,4-Trimethylbenzene	10.0	9.535	95	2	30	60-140	
sec-Butylbenzene	10.0	9.642	96	0	30	60-140	
1,3-Dichlorobenzene	10.0	9.173	92	3	30	60-140	
1,4-Dichlorobenzene	10.0	9.778	98	4	30	60-140	
1,2-Dichlorobenzene	10.0	9.003	90	4	30	60-140	
n-Butylbenzene	10.0	10.31	103	1	30	60-140	
1,2-Dibromo-3-Chloropropane	10.0	9.006	90	33	30	60-140	F
1,2,4-Trichlorobenzene	10.0	9.588	96	24	30	60-140	
Hexachlorobutadiene	10.0	9.998	100	5	30	60-140	
Naphthalene	10.0	9.705	97	29	30	60-140	
1,2,3-Trichlorobenzene	10.0	11.69	117	37	30	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A21112.D
Lab ID: 600-76796-2 MSD DL Client ID: ARTESIA-MW12-3Q2013 MSD DL

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	100	88.45	88	12	30	60-140	
Chloromethane	100	64.85	65	1	30	60-140	
Vinyl chloride	100	73.79	74	2	30	60-140	
Bromomethane	100	71.47	71	2	30	60-140	
Chloroethane	100	79.88	80	5	30	60-140	
Trichlorofluoromethane	100	81.79	82	3	30	60-140	
1,1-Dichloroethene	100	96.80	97	6	30	22-143	
trans-1,2-Dichloroethene	100	92.72	93	2	30	60-140	
Methyl tert-butyl ether	100	101.7	102	7	30	60-140	
Methylene Chloride	100	83.80	84	5	30	60-140	
cis-1,2-Dichloroethene	100	123.6	94	3	30	60-140	
2-Butanone (MEK)	200	195.5	98	9	30	60-140	
Bromochloromethane	100	88.93	89	4	30	60-140	
Carbon tetrachloride	100	120.7	121	6	30	60-140	
Benzene	100	103.8	98	6	30	65-125	
1,2-Dichloroethane	100	108.0	108	2	30	60-140	
Trichloroethene	100	108.9	106	3	30	56-118	
1,1,1-Trichloroethane	100	112.8	113	4	30	60-140	
1,1-Dichloroethane	100	125.9	108	5	30	60-140	
1,2-Dichloropropane	100	99.32	99	5	30	60-140	
2,2-Dichloropropane	100	110.6	111	6	30	60-140	
Dibromomethane	100	102.8	103	6	30	60-140	
Chloroform	100	97.13	97	5	30	60-140	
Bromodichloromethane	100	107.4	107	5	30	60-140	
2-Chloroethyl vinyl ether	100	5.00 U	0	NC	30	60-140	F
1,1-Dichloropropene	100	101.0	101	4	30	60-140	
cis-1,3-Dichloropropene	100	81.27	81	5	30	60-140	
Toluene	100	98.69	99	5	30	76-125	
trans-1,3-Dichloropropene	100	91.33	91	5	30	60-140	
1,1,2-Trichloroethane	100	96.92	97	2	30	60-140	
Tetrachloroethene	100	108.7	109	4	30	60-140	
1,3-Dichloropropane	100	99.49	99	4	30	60-140	
Chlorodibromomethane	100	98.85	99	4	30	60-140	
1,2-Dibromoethane	100	96.62	97	2	30	60-140	
Chlorobenzene	100	91.81	92	2	30	72-122	
1,1,1,2-Tetrachloroethane	100	108.2	108	5	30	60-140	
Ethylbenzene	100	253.8	92	0	30	60-140	
m-Xylene & p-Xylene	200	250.9	96	3	30	60-140	
Xylenes, Total	300	346.1	95	3	30	60-140	
o-Xylene	100	95.19	94	3	30	60-140	
Styrene	100	97.99	97	2	30	60-140	
Bromoform	100	95.56	96	8	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21112.D
 Lab ID: 600-76796-2 MSD DL Client ID: ARTESIA-MW12-3Q2013 MSD DL

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	100	190.4	94	2	30	60-140	
Bromobenzene	100	105.6	103	10	30	60-140	
1,2,3-Trichloropropane	100	101.2	101	12	30	60-140	
1,1,2,2-Tetrachloroethane	100	90.83	91	6	30	60-140	
N-Propylbenzene	100	239.3	92	1	30	60-140	
2-Chlorotoluene	100	92.06	92	6	30	60-140	
4-Chlorotoluene	100	98.40	96	6	30	60-140	
1,3,5-Trimethylbenzene	100	97.88	95	4	30	60-140	
tert-Butylbenzene	100	108.4	107	4	30	60-140	
p-Isopropyltoluene	100	111.4	108	4	30	60-140	
1,2,4-Trimethylbenzene	100	367.8	86	1	30	60-140	
sec-Butylbenzene	100	103.8	96	4	30	60-140	
1,3-Dichlorobenzene	100	96.72	93	7	30	60-140	
1,4-Dichlorobenzene	100	100.8	97	10	30	60-140	
1,2-Dichlorobenzene	100	98.67	93	8	30	60-140	
n-Butylbenzene	100	112.7	104	6	30	60-140	
1,2-Dibromo-3-Chloropropane	100	109.5	109	31	30	60-140	F
1,2,4-Trichlorobenzene	100	115.8	91	22	30	60-140	
Hexachlorobutadiene	100	115.7	109	10	30	60-140	
Naphthalene	100	213.1	78	19	30	60-140	
1,2,3-Trichlorobenzene	100	125.7	86	30	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: A21010.D
Lab ID: 600-76796-17 MSD Client ID: ARTESIA-MW21-3Q2013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	10.0	9.821	98	7	30	60-140	
Chloromethane	10.0	7.155	72	7	30	60-140	
Vinyl chloride	10.0	7.584	76	8	30	60-140	
Bromomethane	10.0	7.673	77	8	30	60-140	
Chloroethane	10.0	7.833	78	9	30	60-140	
Trichlorofluoromethane	10.0	8.431	84	4	30	60-140	
1,1-Dichloroethene	10.0	11.08	96	9	30	22-143	
trans-1,2-Dichloroethene	10.0	9.268	93	6	30	60-140	
Methyl tert-butyl ether	10.0	10.10	101	7	30	60-140	
Methylene Chloride	10.0	6.770	68	6	30	60-140	
cis-1,2-Dichloroethene	10.0	9.281	93	4	30	60-140	
2-Butanone (MEK)	20.0	20.29	101	8	30	60-140	
Bromochloromethane	10.0	9.180	92	9	30	60-140	
Carbon tetrachloride	10.0	12.46	125	6	30	60-140	
Benzene	10.0	10.07	101	6	30	65-125	
1,2-Dichloroethane	10.0	11.73	117	9	30	60-140	
Trichloroethene	10.0	11.57	113	6	30	56-118	
1,1,1-Trichloroethane	10.0	11.67	117	4	30	60-140	
1,1-Dichloroethane	10.0	12.66	107	4	30	60-140	
1,2-Dichloropropane	10.0	9.902	99	6	30	60-140	
2,2-Dichloropropane	10.0	12.17	122	7	30	60-140	
Dibromomethane	10.0	10.26	103	9	30	60-140	
Chloroform	10.0	9.360	94	0	30	60-140	
Bromodichloromethane	10.0	10.55	105	2	30	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0	NC	30	60-140	F
1,1-Dichloropropene	10.0	10.08	101	0	30	60-140	
cis-1,3-Dichloropropene	10.0	8.440	84	3	30	60-140	
Toluene	10.0	9.784	98	3	30	76-125	
trans-1,3-Dichloropropene	10.0	9.544	95	6	30	60-140	
1,1,2-Trichloroethane	10.0	9.803	98	4	30	60-140	
Tetrachloroethene	10.0	12.12	109	2	30	60-140	
1,3-Dichloropropane	10.0	9.859	99	5	30	60-140	
Chlorodibromomethane	10.0	10.06	101	6	30	60-140	
1,2-Dibromoethane	10.0	10.18	102	5	30	60-140	
Chlorobenzene	10.0	9.478	95	5	30	72-122	
1,1,1,2-Tetrachloroethane	10.0	11.26	113	5	30	60-140	
Ethylbenzene	10.0	10.31	103	3	30	60-140	
m-Xylene & p-Xylene	20.0	19.93	100	3	30	60-140	
Xylenes, Total	30.0	29.58	99	3	30	60-140	
o-Xylene	10.0	9.645	96	4	30	60-140	
Styrene	10.0	9.527	95	3	30	60-140	
Bromoform	10.0	10.20	102	10	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A21010.D
 Lab ID: 600-76796-17 MSD Client ID: ARTESIA-MW21-3Q2013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	10.0	9.948	99	1	30	60-140	
Bromobenzene	10.0	10.40	104	4	30	60-140	
1,2,3-Trichloropropane	10.0	10.15	102	9	30	60-140	
1,1,2,2-Tetrachloroethane	10.0	9.021	90	5	30	60-140	
N-Propylbenzene	10.0	10.24	102	6	30	60-140	
2-Chlorotoluene	10.0	9.476	95	5	30	60-140	
4-Chlorotoluene	10.0	9.742	97	3	30	60-140	
1,3,5-Trimethylbenzene	10.0	9.683	97	2	30	60-140	
tert-Butylbenzene	10.0	11.00	110	3	30	60-140	
p-Isopropyltoluene	10.0	11.15	112	3	30	60-140	
1,2,4-Trimethylbenzene	10.0	10.49	105	20	30	60-140	
sec-Butylbenzene	10.0	9.830	98	2	30	60-140	
1,3-Dichlorobenzene	10.0	9.820	98	5	30	60-140	
1,4-Dichlorobenzene	10.0	10.23	102	6	30	60-140	
1,2-Dichlorobenzene	10.0	10.06	101	7	30	60-140	
n-Butylbenzene	10.0	10.56	106	1	30	60-140	
1,2-Dibromo-3-Chloropropane	10.0	10.80	108	21	30	60-140	
1,2,4-Trichlorobenzene	10.0	11.53	115	9	30	60-140	
Hexachlorobutadiene	10.0	11.68	117	6	30	60-140	
Naphthalene	10.0	15.90	159	45	30	60-140	F
1,2,3-Trichlorobenzene	10.0	13.03	130	22	30	60-140	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A20704.D Lab Sample ID: MB 600-111710/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS07 Date Analyzed: 07/26/2013 14:38
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-111710/3	A20702.D	07/26/2013 13:12
ARTESIA-MW32-3Q2013	600-76796-1	A20705.D	07/26/2013 15:07
ARTESIA-MW13-3Q2013	600-76796-3	A20706.D	07/26/2013 15:35
ARTESIA-MW32-3Q2013 MS	600-76796-1 MS	A20709.D	07/26/2013 17:01
ARTESIA-MW32-3Q2013 MSD	600-76796-1 MSD	A20710.D	07/26/2013 17:29
ARTESIA-MW30-3Q2013	600-76796-4	A20714.D	07/26/2013 19:23
ARTESIA-MW29-3Q2013	600-76796-6	A20715.D	07/26/2013 19:52
ARTESIA-MW09-3Q2013	600-76796-7	A20716.D	07/26/2013 20:20
ARTESIA-MW15-3Q2013	600-76796-8	A20717.D	07/26/2013 20:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Lab File ID: A21004.D Lab Sample ID: MB 600-111811/4
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS07 Date Analyzed: 07/29/2013 14:09
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-111811/5	A21002.D	07/29/2013 12:43
ARTESIA-DUP02-3Q2013	600-76796-16	A21005.D	07/29/2013 14:37
ARTESIA-MW21-3Q2013	600-76796-17	A21006.D	07/29/2013 15:06
ARTESIA-DUP01-3Q2013	600-76796-5	A21008.D	07/29/2013 16:03
ARTESIA-MW21-3Q2013 MS	600-76796-17 MS	A21009.D	07/29/2013 16:32
ARTESIA-MW21-3Q2013 MSD	600-76796-17 MSD	A21010.D	07/29/2013 17:00
ARTESIA-TANK01-3Q2013	600-76796-9	A21015.D	07/29/2013 19:23
ARTESIA-MW33-3Q2013	600-76796-10	A21016.D	07/29/2013 19:51
ARTESIA-MW20-3Q2013	600-76796-11	A21017.D	07/29/2013 20:20
ARTESIA-MW28-3Q2013	600-76796-12	A21018.D	07/29/2013 20:48
ARTESIA-MW27-3Q2013	600-76796-13	A21019.D	07/29/2013 21:17

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A21104.D Lab Sample ID: MB 600-111958/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS07 Date Analyzed: 07/30/2013 11:51
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-111958/3	A21102.D	07/30/2013 10:24
ARTESIA-TB01-3Q2013	600-76796-23	A21106.D	07/30/2013 12:47
ARTESIA-MW12-3Q2013	600-76796-2	A21109.D	07/30/2013 14:13
ARTESIA-MW12-3Q2013 MS DL	600-76796-2 MS DL	A21111.D	07/30/2013 15:10
ARTESIA-MW12-3Q2013 MSD DL	600-76796-2 MSD DL	A21112.D	07/30/2013 15:38
ARTESIA-MW12-3Q2013 DL	600-76796-2 DL	A21113.D	07/30/2013 16:07
ARTESIA-TANK02-3Q2013	600-76796-24	A21117.D	07/30/2013 18:02
ARTESIA-MW22-3Q2013	600-76796-14	A21118.D	07/30/2013 18:30
ARTESIA-MW25-3Q2013	600-76796-15	A21119.D	07/30/2013 18:59
ARTESIA-MW31-3Q2013	600-76796-18	A21120.D	07/30/2013 19:28
ARTESIA-MW18-3Q2013	600-76796-19	A21121.D	07/30/2013 19:56
ARTESIA-MW11-3Q2013	600-76796-20	A21122.D	07/30/2013 20:24
ARTESIA-MW08-3Q2013	600-76796-21	A21123.D	07/30/2013 20:53
ARTESIA-DUP01-3Q2013 DL	600-76796-5 DL	A21124.D	07/30/2013 21:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A21204.D Lab Sample ID: MB 600-112020/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS07 Date Analyzed: 07/31/2013 11:34
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-112020/3	A21202.D	07/31/2013 10:09
ARTESIA-MW26-3Q2013	600-76796-22	A21207.D	07/31/2013 12:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Lab File ID: A17600.D BFB Injection Date: 06/25/2013
 Instrument ID: VOAMS07 BFB Injection Time: 08:51
 Analysis Batch No.: 109272

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.8
75	30.0 - 60.0 % of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	95.2
175	5.0 - 9.0 % of mass 174	6.9 (7.2) 1
176	95.0 - 101.0 % of mass 174	91.6 (96.2) 1
177	5.0 - 9.0 % of mass 176	6.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 600-109272/3	A17603.D	06/25/2013	10:19
	IC 600-109272/4	A17604.D	06/25/2013	10:48
	IC 600-109272/5	A17605.D	06/25/2013	11:17
	ICIS 600-109272/6	A17606.D	06/25/2013	11:45
	IC 600-109272/7	A17607.D	06/25/2013	12:14
	IC 600-109272/8	A17608.D	06/25/2013	12:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A20700.D BFB Injection Date: 07/26/2013
Instrument ID: VOAMS07 BFB Injection Time: 12:17
Analysis Batch No.: 111710

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.5
75	30.0 - 60.0 % of mass 95	44.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	92.4
175	5.0 - 9.0 % of mass 174	7.0 (7.5) 1
176	95.0 - 101.0 % of mass 174	90.4 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-111710/2	A20701.D	07/26/2013	12:43
	LCS 600-111710/3	A20702.D	07/26/2013	13:12
	MB 600-111710/4	A20704.D	07/26/2013	14:38
ARTESIA-MW32-3Q2013	600-76796-1	A20705.D	07/26/2013	15:07
ARTESIA-MW13-3Q2013	600-76796-3	A20706.D	07/26/2013	15:35
ARTESIA-MW32-3Q2013 MS	600-76796-1 MS	A20709.D	07/26/2013	17:01
ARTESIA-MW32-3Q2013 MSD	600-76796-1 MSD	A20710.D	07/26/2013	17:29
ARTESIA-MW30-3Q2013	600-76796-4	A20714.D	07/26/2013	19:23
ARTESIA-MW29-3Q2013	600-76796-6	A20715.D	07/26/2013	19:52
ARTESIA-MW09-3Q2013	600-76796-7	A20716.D	07/26/2013	20:20
ARTESIA-MW15-3Q2013	600-76796-8	A20717.D	07/26/2013	20:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A21000.D BFB Injection Date: 07/29/2013
Instrument ID: VOAMS07 BFB Injection Time: 09:27
Analysis Batch No.: 111811

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.3
75	30.0 - 60.0 % of mass 95	44.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	97.5
175	5.0 - 9.0 % of mass 174	7.1 (7.3) 1
176	95.0 - 101.0 % of mass 174	94.3 (96.8) 1
177	5.0 - 9.0 % of mass 176	6.6 (7.0) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-111811/2	A21001.D	07/29/2013	12:04
	LCS 600-111811/5	A21002.D	07/29/2013	12:43
	MB 600-111811/4	A21004.D	07/29/2013	14:09
ARTESIA-DUP02-3Q2013	600-76796-16	A21005.D	07/29/2013	14:37
ARTESIA-MW21-3Q2013	600-76796-17	A21006.D	07/29/2013	15:06
ARTESIA-DUP01-3Q2013	600-76796-5	A21008.D	07/29/2013	16:03
ARTESIA-MW21-3Q2013 MS	600-76796-17 MS	A21009.D	07/29/2013	16:32
ARTESIA-MW21-3Q2013 MSD	600-76796-17 MSD	A21010.D	07/29/2013	17:00
ARTESIA-TANK01-3Q2013	600-76796-9	A21015.D	07/29/2013	19:23
ARTESIA-MW33-3Q2013	600-76796-10	A21016.D	07/29/2013	19:51
ARTESIA-MW20-3Q2013	600-76796-11	A21017.D	07/29/2013	20:20
ARTESIA-MW28-3Q2013	600-76796-12	A21018.D	07/29/2013	20:48
ARTESIA-MW27-3Q2013	600-76796-13	A21019.D	07/29/2013	21:17

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab File ID: A21100.D BFB Injection Date: 07/30/2013
Instrument ID: VOAMS07 BFB Injection Time: 09:29
Analysis Batch No.: 111958

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.4
75	30.0 - 60.0 % of mass 95	44.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.4 (0.4) 1
174	50.0 - 120.00 % of mass 95	95.8
175	5.0 - 9.0 % of mass 174	6.7 (7.0) 1
176	95.0 - 101.0 % of mass 174	92.9 (96.9) 1
177	5.0 - 9.0 % of mass 176	6.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-111958/2	A21101.D	07/30/2013	09:56
	LCS 600-111958/3	A21102.D	07/30/2013	10:24
	MB 600-111958/4	A21104.D	07/30/2013	11:51
ARTESIA-TB01-3Q2013	600-76796-23	A21106.D	07/30/2013	12:47
ARTESIA-MW12-3Q2013	600-76796-2	A21109.D	07/30/2013	14:13
ARTESIA-MW12-3Q2013 MS DL	600-76796-2 MS DL	A21111.D	07/30/2013	15:10
ARTESIA-MW12-3Q2013 MSD DL	600-76796-2 MSD DL	A21112.D	07/30/2013	15:38
ARTESIA-MW12-3Q2013 DL	600-76796-2 DL	A21113.D	07/30/2013	16:07
ARTESIA-TANK02-3Q2013	600-76796-24	A21117.D	07/30/2013	18:02
ARTESIA-MW22-3Q2013	600-76796-14	A21118.D	07/30/2013	18:30
ARTESIA-MW25-3Q2013	600-76796-15	A21119.D	07/30/2013	18:59
ARTESIA-MW31-3Q2013	600-76796-18	A21120.D	07/30/2013	19:28
ARTESIA-MW18-3Q2013	600-76796-19	A21121.D	07/30/2013	19:56
ARTESIA-MW11-3Q2013	600-76796-20	A21122.D	07/30/2013	20:24
ARTESIA-MW08-3Q2013	600-76796-21	A21123.D	07/30/2013	20:53
ARTESIA-DUP01-3Q2013 DL	600-76796-5 DL	A21124.D	07/30/2013	21:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Lab File ID: A21200.D BFB Injection Date: 07/31/2013
 Instrument ID: VOAMS07 BFB Injection Time: 09:12
 Analysis Batch No.: 112020

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.6
75	30.0 - 60.0 % of mass 95	44.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	96.8
175	5.0 - 9.0 % of mass 174	7.1 (7.4) 1
176	95.0 - 101.0 % of mass 174	95.1 (98.3) 1
177	5.0 - 9.0 % of mass 176	6.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-112020/2	A21201.D	07/31/2013	09:40
	LCS 600-112020/3	A21202.D	07/31/2013	10:09
	MB 600-112020/4	A21204.D	07/31/2013	11:34
ARTESIA-MW26-3Q2013	600-76796-22	A21207.D	07/31/2013	12:59

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111710/2 Date Analyzed: 07/26/2013 12:43
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A20701.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		160159	4.01	226874	4.72	73873	7.92
UPPER LIMIT		320318	4.51	453748	5.22	147746	8.42
LOWER LIMIT		80080	3.51	113437	4.22	36937	7.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-111710/3		162180	4.01	221114	4.72	75112	7.92
MB 600-111710/4		143343	4.01	199450	4.72	59903	7.92
600-76796-1	ARTESIA-MW32-3Q2013	143026	4.01	199307	4.72	62729	7.92
600-76796-3	ARTESIA-MW13-3Q2013	136386	4.01	190583	4.72	61532	7.92
600-76796-1 MS	ARTESIA-MW32-3Q2013 MS	144105	4.01	201297	4.72	69950	7.92
600-76796-1 MSD	ARTESIA-MW32-3Q2013 MSD	148590	4.01	208948	4.72	71134	7.92
600-76796-4	ARTESIA-MW30-3Q2013	138939	4.01	193743	4.72	61988	7.92
600-76796-6	ARTESIA-MW29-3Q2013	135328	4.01	187902	4.72	58722	7.92
600-76796-7	ARTESIA-MW09-3Q2013	132463	4.01	184654	4.72	59116	7.92
600-76796-8	ARTESIA-MW15-3Q2013	127002	4.01	182041	4.72	59059	7.92

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111710/2 Date Analyzed: 07/26/2013 12:43
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A20701.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		71844	10.82				
UPPER LIMIT		143688	11.32				
LOWER LIMIT		35922	10.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-111710/3		73548	10.82				
MB 600-111710/4		53121	10.82				
600-76796-1	ARTESIA-MW32-3Q2013	53347	10.83				
600-76796-3	ARTESIA-MW13-3Q2013	52434	10.82				
600-76796-1 MS	ARTESIA-MW32-3Q2013 MS	73181	10.82				
600-76796-1 MSD	ARTESIA-MW32-3Q2013 MSD	73349	10.82				
600-76796-4	ARTESIA-MW30-3Q2013	54046	10.82				
600-76796-6	ARTESIA-MW29-3Q2013	52020	10.82				
600-76796-7	ARTESIA-MW09-3Q2013	51282	10.82				
600-76796-8	ARTESIA-MW15-3Q2013	49868	10.82				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111811/2 Date Analyzed: 07/29/2013 12:04
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A21001.D Heated Purge: (Y/N) N
 Calibration ID: 2266

	PFB		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	200505	4.01	262424	4.72	86909	7.92
UPPER LIMIT	401010	4.51	524848	5.22	173818	8.42
LOWER LIMIT	100253	3.51	131212	4.22	43455	7.42
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 600-111811/5		210733	4.01	269192	4.72	87745 7.92
MB 600-111811/4		173892	4.01	227851	4.72	74916 7.92
600-76796-16	ARTESIA-DUP02-3Q2013	186609	4.01	242901	4.72	76684 7.92
600-76796-17	ARTESIA-MW21-3Q2013	176784	4.01	231490	4.72	75310 7.92
600-76796-5	ARTESIA-DUP01-3Q2013	181544	4.01	236057	4.72	76306 7.92
600-76796-17 MS	ARTESIA-MW21-3Q2013 MS	203932	4.01	262414	4.72	86175 7.92
600-76796-17 MSD	ARTESIA-MW21-3Q2013 MSD	201285	4.01	258964	4.72	88296 7.92
600-76796-9	ARTESIA-TANK01-3Q2013	178398	4.01	235468	4.72	74302 7.92
600-76796-10	ARTESIA-MW33-3Q2013	178936	4.01	235704	4.72	74575 7.92
600-76796-11	ARTESIA-MW20-3Q2013	180195	4.01	233847	4.72	77195 7.92
600-76796-12	ARTESIA-MW28-3Q2013	178924	4.01	233712	4.72	76028 7.92
600-76796-13	ARTESIA-MW27-3Q2013	174928	4.01	233097	4.72	74763 7.92

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111811/2 Date Analyzed: 07/29/2013 12:04
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A21001.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		99379	10.82				
UPPER LIMIT		198758	11.32				
LOWER LIMIT		49690	10.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-111811/5		93848	10.82				
MB 600-111811/4		73562	10.82				
600-76796-16	ARTESIA-DUP02-3Q2013	69088	10.82				
600-76796-17	ARTESIA-MW21-3Q2013	68010	10.83				
600-76796-5	ARTESIA-DUP01-3Q2013	92784	10.82				
600-76796-17 MS	ARTESIA-MW21-3Q2013 MS	91676	10.82				
600-76796-17 MSD	ARTESIA-MW21-3Q2013 MSD	94587	10.82				
600-76796-9	ARTESIA-TANK01-3Q2013	70511	10.83				
600-76796-10	ARTESIA-MW33-3Q2013	73280	10.83				
600-76796-11	ARTESIA-MW20-3Q2013	71334	10.82				
600-76796-12	ARTESIA-MW28-3Q2013	68892	10.82				
600-76796-13	ARTESIA-MW27-3Q2013	72439	10.82				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111958/2 Date Analyzed: 07/30/2013 09:56
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A21101.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		179911	4.01	241262	4.72	78642	7.92
UPPER LIMIT		359822	4.51	482524	5.22	157284	8.42
LOWER LIMIT		89956	3.51	120631	4.22	39321	7.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-111958/3		181490	4.01	237639	4.72	79721	7.92
MB 600-111958/4		172752	4.01	230029	4.72	71526	7.92
600-76796-23	ARTESIA-TB01-3Q2013	168941	4.01	216966	4.72	68891	7.92
600-76796-2	ARTESIA-MW12-3Q2013	180525	4.01	234747	4.72	74441	7.92
600-76796-2 MS DL	ARTESIA-MW12-3Q2013 MS DL	194290	4.01	257498	4.72	83720	7.92
600-76796-2 MSD DL	ARTESIA-MW12-3Q2013 MSD DL	202652	4.01	264538	4.72	86462	7.92
600-76796-2 DL	ARTESIA-MW12-3Q2013 DL	186477	4.01	247701	4.72	80608	7.92
600-76796-24	ARTESIA-TANK02-3Q2013	184100	4.01	243330	4.72	84942	7.92
600-76796-14	ARTESIA-MW22-3Q2013	183018	4.01	249272	4.72	82967	7.92
600-76796-15	ARTESIA-MW25-3Q2013	191255	4.01	255299	4.72	84872	7.92
600-76796-18	ARTESIA-MW31-3Q2013	200096	4.01	264933	4.72	83637	7.92
600-76796-19	ARTESIA-MW18-3Q2013	178722	4.01	238963	4.72	80420	7.92
600-76796-20	ARTESIA-MW11-3Q2013	172245	4.01	234635	4.72	79614	7.92
600-76796-21	ARTESIA-MW08-3Q2013	186463	4.01	247611	4.72	80821	7.92
600-76796-5 DL	ARTESIA-DUP01-3Q2013 DL	180347	4.01	237693	4.72	81990	7.92

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-111958/2 Date Analyzed: 07/30/2013 09:56
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A21101.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		81695	10.82				
UPPER LIMIT		163390	11.32				
LOWER LIMIT		40848	10.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-111958/3		84582	10.82				
MB 600-111958/4		63499	10.83				
600-76796-23	ARTESIA-TB01-3Q2013	60380	10.82				
600-76796-2	ARTESIA-MW12-3Q2013	89221	10.82				
600-76796-2 MS DL	ARTESIA-MW12-3Q2013 MS DL	90149	10.82				
600-76796-2 MSD DL	ARTESIA-MW12-3Q2013 MSD DL	91253	10.82				
600-76796-2 DL	ARTESIA-MW12-3Q2013 DL	86730	10.82				
600-76796-24	ARTESIA-TANK02-3Q2013	83956	10.82				
600-76796-14	ARTESIA-MW22-3Q2013	78877	10.82				
600-76796-15	ARTESIA-MW25-3Q2013	78197	10.82				
600-76796-18	ARTESIA-MW31-3Q2013	79693	10.82				
600-76796-19	ARTESIA-MW18-3Q2013	79319	10.82				
600-76796-20	ARTESIA-MW11-3Q2013	78197	10.82				
600-76796-21	ARTESIA-MW08-3Q2013	77772	10.82				
600-76796-5 DL	ARTESIA-DUP01-3Q2013 DL	88017	10.82				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Sample No.: CCVIS 600-112020/2 Date Analyzed: 07/31/2013 09:40
 Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): A21201.D Heated Purge: (Y/N) N
 Calibration ID: 2266

		PFB		DFB		CBZ		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		175707	4.01	240372	4.72	82752	7.92	
UPPER LIMIT		351414	4.51	480744	5.22	165504	8.42	
LOWER LIMIT		87854	3.51	120186	4.22	41376	7.42	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 600-112020/3		172788	4.01	232117	4.72	82489	7.92	
MB 600-112020/4		167245	4.01	224183	4.72	74619	7.92	
600-76796-22		ARTESIA-MW26-3Q2013	176873	4.01	232161	4.72	71700	7.92

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Sample No.: CCVIS 600-112020/2 Date Analyzed: 07/31/2013 09:40
Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): A21201.D Heated Purge: (Y/N) N
Calibration ID: 2266

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		85852	10.82				
UPPER LIMIT		171704	11.32				
LOWER LIMIT		42926	10.32				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-112020/3		90236	10.82				
MB 600-112020/4		67706	10.83				
600-76796-22	ARTESIA-MW26-3Q2013	64986	10.82				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 Lab Sample ID: 600-76796-1

Matrix: Water Lab File ID: A20705.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 15:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	8.08		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0830	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.59		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.24		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	7.50		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 Lab Sample ID: 600-76796-1

Matrix: Water Lab File ID: A20705.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 15:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	89		62-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-3Q2013 Lab Sample ID: 600-76796-2

Matrix: Water Lab File ID: A21109.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:15

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 14:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.32		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	24.9		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	4.32		1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.95		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	16.5		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.496	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.183	J	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Client Sample ID: ARTESIA-MW12-3Q2013 Lab Sample ID: 600-76796-2
 Matrix: Water Lab File ID: A21109.D
 Analysis Method: 8260B Date Collected: 07/23/2013 13:15
 Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 14:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	49.2		1.00	0.170
1330-20-7	Xylenes, Total	50.1		1.00	0.260
95-47-6	o-Xylene	0.939	J	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.771	J	1.00	0.100
98-06-6	tert-Butylbenzene	0.185	J	1.00	0.0800
99-87-6	p-Isopropyltoluene	1.21		1.00	0.100
135-98-8	sec-Butylbenzene	6.18		1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	5.14		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	43.2		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	90		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Client Sample ID: ARTESIA-MW12-3Q2013 DL Lab Sample ID: 600-76796-2 DL
Matrix: Water Lab File ID: A21113.D
Analysis Method: 8260B Date Collected: 07/23/2013 13:15
Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 16:07
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	162		10.0	1.10
98-82-8	Isopropylbenzene	96.0		10.0	1.80
103-65-1	N-Propylbenzene	148		10.0	1.50
95-63-6	1,2,4-Trimethylbenzene	282		10.0	1.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	95		67-139
1868-53-7	Dibromofluoromethane	83		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW13-3Q2013 Lab Sample ID: 600-76796-3

Matrix: Water Lab File ID: A20706.D

Analysis Method: 8260B Date Collected: 07/23/2013 10:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 15:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.412	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.269	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW13-3Q2013 Lab Sample ID: 600-76796-3

Matrix: Water Lab File ID: A20706.D

Analysis Method: 8260B Date Collected: 07/23/2013 10:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 15:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	106		67-139
1868-53-7	Dibromofluoromethane	90		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW30-3Q2013 Lab Sample ID: 600-76796-4

Matrix: Water Lab File ID: A20714.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 19:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	38.1		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.175	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.106	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	7.85		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	7.51		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	35.7		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW30-3Q2013 Lab Sample ID: 600-76796-4

Matrix: Water Lab File ID: A20714.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 19:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	99		67-139
1868-53-7	Dibromofluoromethane	88		62-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP01-3Q2013 Lab Sample ID: 600-76796-5

Matrix: Water Lab File ID: A21008.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 16:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.19		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	20.8		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	3.75		1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.92		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	14.7		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.509	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.174	J	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP01-3Q2013 Lab Sample ID: 600-76796-5

Matrix: Water Lab File ID: A21008.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 16:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	47.9		1.00	0.170
1330-20-7	Xylenes, Total	48.8		1.00	0.260
95-47-6	o-Xylene	0.927	J	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.903	J	1.00	0.100
98-06-6	tert-Butylbenzene	0.172	J	1.00	0.0800
99-87-6	p-Isopropyltoluene	1.22		1.00	0.100
135-98-8	sec-Butylbenzene	5.92		1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	4.85		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.705	J	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	45.7		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	90		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Client Sample ID: ARTESIA-DUP01-3Q2013 DL Lab Sample ID: 600-76796-5 DL
 Matrix: Water Lab File ID: A21124.D
 Analysis Method: 8260B Date Collected: 07/23/2013 13:20
 Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 21:21
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	108		10.0	1.10
98-82-8	Isopropylbenzene	59.4		10.0	1.80
103-65-1	N-Propylbenzene	85.8		10.0	1.50
95-63-6	1,2,4-Trimethylbenzene	183		10.0	1.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	94		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW29-3Q2013 Lab Sample ID: 600-76796-6

Matrix: Water Lab File ID: A20715.D

Analysis Method: 8260B Date Collected: 07/23/2013 15:50

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 19:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	9.66		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.65		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.970	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	3.76		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW29-3Q2013 Lab Sample ID: 600-76796-6

Matrix: Water Lab File ID: A20715.D

Analysis Method: 8260B Date Collected: 07/23/2013 15:50

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 19:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	89		62-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW09-3Q2013 Lab Sample ID: 600-76796-7

Matrix: Water Lab File ID: A20716.D

Analysis Method: 8260B Date Collected: 07/23/2013 11:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 20:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.333	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.338	J	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.410	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	2.20		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	18.4		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.233	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW09-3Q2013 Lab Sample ID: 600-76796-7

Matrix: Water Lab File ID: A20716.D

Analysis Method: 8260B Date Collected: 07/23/2013 11:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 20:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	89		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW15-3Q2013 Lab Sample ID: 600-76796-8

Matrix: Water Lab File ID: A20717.D

Analysis Method: 8260B Date Collected: 07/23/2013 11:30

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 20:49

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.196	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	5.50		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	43.3		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.378	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.38		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW15-3Q2013 Lab Sample ID: 600-76796-8

Matrix: Water Lab File ID: A20717.D

Analysis Method: 8260B Date Collected: 07/23/2013 11:30

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 20:49

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		67-139
1868-53-7	Dibromofluoromethane	93		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TANK01-3Q2013 Lab Sample ID: 600-76796-9

Matrix: Water Lab File ID: A21015.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 19:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.248	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TANK01-3Q2013 Lab Sample ID: 600-76796-9

Matrix: Water Lab File ID: A21015.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 19:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	101		67-139
1868-53-7	Dibromofluoromethane	85		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW33-3Q2013 Lab Sample ID: 600-76796-10

Matrix: Water Lab File ID: A21016.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 19:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW33-3Q2013 Lab Sample ID: 600-76796-10

Matrix: Water Lab File ID: A21016.D

Analysis Method: 8260B Date Collected: 07/23/2013 17:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 19:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	99		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW20-3Q2013 Lab Sample ID: 600-76796-11

Matrix: Water Lab File ID: A21017.D

Analysis Method: 8260B Date Collected: 07/23/2013 14:45

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 20:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.172	J	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	3.00		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	2.65		1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	2.64		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.232	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	4.33		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	11.9		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	3.48		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.154	J	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Client Sample ID: ARTESIA-MW20-3Q2013 Lab Sample ID: 600-76796-11
 Matrix: Water Lab File ID: A21017.D
 Analysis Method: 8260B Date Collected: 07/23/2013 14:45
 Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 20:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	98		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW28-3Q2013 Lab Sample ID: 600-76796-12

Matrix: Water Lab File ID: A21018.D

Analysis Method: 8260B Date Collected: 07/23/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 20:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	19.7		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	1.29		1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.627	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.111	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	7.86		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	9.20		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	22.4		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW28-3Q2013 Lab Sample ID: 600-76796-12

Matrix: Water Lab File ID: A21018.D

Analysis Method: 8260B Date Collected: 07/23/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 20:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	99		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW27-3Q2013 Lab Sample ID: 600-76796-13

Matrix: Water Lab File ID: A21019.D

Analysis Method: 8260B Date Collected: 07/24/2013 08:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 21:17

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW27-3Q2013 Lab Sample ID: 600-76796-13

Matrix: Water Lab File ID: A21019.D

Analysis Method: 8260B Date Collected: 07/24/2013 08:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 21:17

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	98		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW22-3Q2013 Lab Sample ID: 600-76796-14

Matrix: Water Lab File ID: A21118.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	13.5		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.408	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.108	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	5.67		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	5.60		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	16.2		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW22-3Q2013 Lab Sample ID: 600-76796-14

Matrix: Water Lab File ID: A21118.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.852	J	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	100		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-3Q2013 Lab Sample ID: 600-76796-15

Matrix: Water Lab File ID: A21119.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	19.0		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.173	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0882	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	5.59		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	6.57		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	23.2		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-3Q2013 Lab Sample ID: 600-76796-15

Matrix: Water Lab File ID: A21119.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		67-139
1868-53-7	Dibromofluoromethane	83		62-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP02-3Q2013 Lab Sample ID: 600-76796-16

Matrix: Water Lab File ID: A21005.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:35

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 14:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	19.6		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.179	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0853	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	5.98		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	6.61		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	25.8		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP02-3Q2013 Lab Sample ID: 600-76796-16

Matrix: Water Lab File ID: A21005.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:35

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 14:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	83		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 Lab Sample ID: 600-76796-17

Matrix: Water Lab File ID: A21006.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 15:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.50		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.261	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.93		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.20		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 Lab Sample ID: 600-76796-17

Matrix: Water Lab File ID: A21006.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 15:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	85		62-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW31-3Q2013 Lab Sample ID: 600-76796-18

Matrix: Water Lab File ID: A21120.D

Analysis Method: 8260B Date Collected: 07/24/2013 10:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 19:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.388	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW31-3Q2013 Lab Sample ID: 600-76796-18

Matrix: Water Lab File ID: A21120.D

Analysis Method: 8260B Date Collected: 07/24/2013 10:25

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 19:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	99		67-139
1868-53-7	Dibromofluoromethane	82		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW18-3Q2013 Lab Sample ID: 600-76796-19

Matrix: Water Lab File ID: A21121.D

Analysis Method: 8260B Date Collected: 07/24/2013 10:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 19:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	9.20		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.172	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.62		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	2.17		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	9.93		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW18-3Q2013 Lab Sample ID: 600-76796-19

Matrix: Water Lab File ID: A21121.D

Analysis Method: 8260B Date Collected: 07/24/2013 10:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 19:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	98		67-139
1868-53-7	Dibromofluoromethane	87		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-3Q2013 Lab Sample ID: 600-76796-20

Matrix: Water Lab File ID: A21122.D

Analysis Method: 8260B Date Collected: 07/24/2013 11:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 20:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.548	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.509	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.934	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	2.11		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	2.05		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-3Q2013 Lab Sample ID: 600-76796-20

Matrix: Water Lab File ID: A21122.D

Analysis Method: 8260B Date Collected: 07/24/2013 11:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 20:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	100		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW08-3Q2013 Lab Sample ID: 600-76796-21

Matrix: Water Lab File ID: A21123.D

Analysis Method: 8260B Date Collected: 07/24/2013 11:40

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 20:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.67		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.258	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.36		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.92		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.80		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW08-3Q2013 Lab Sample ID: 600-76796-21

Matrix: Water Lab File ID: A21123.D

Analysis Method: 8260B Date Collected: 07/24/2013 11:40

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 20:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	97		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW26-3Q2013 Lab Sample ID: 600-76796-22

Matrix: Water Lab File ID: A21207.D

Analysis Method: 8260B Date Collected: 07/24/2013 08:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 12:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.501	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.260	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.488	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Client Sample ID: ARTESIA-MW26-3Q2013 Lab Sample ID: 600-76796-22
 Matrix: Water Lab File ID: A21207.D
 Analysis Method: 8260B Date Collected: 07/24/2013 08:00
 Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 12:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TB01-3Q2013 Lab Sample ID: 600-76796-23

Matrix: Water Lab File ID: A21106.D

Analysis Method: 8260B Date Collected: 07/23/2013 07:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 12:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TB01-3Q2013 Lab Sample ID: 600-76796-23

Matrix: Water Lab File ID: A21106.D

Analysis Method: 8260B Date Collected: 07/23/2013 07:00

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 12:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		67-139
1868-53-7	Dibromofluoromethane	87		62-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TANK02-3Q2013 Lab Sample ID: 600-76796-24

Matrix: Water Lab File ID: A21117.D

Analysis Method: 8260B Date Collected: 07/24/2013 14:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:02

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-TANK02-3Q2013 Lab Sample ID: 600-76796-24

Matrix: Water Lab File ID: A21117.D

Analysis Method: 8260B Date Collected: 07/24/2013 14:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 18:02

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	1.25	J	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	100		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-109272/3	A17603.D
Level 2	IC 600-109272/4	A17604.D
Level 3	IC 600-109272/5	A17605.D
Level 4	ICIS 600-109272/6	A17606.D
Level 5	IC 600-109272/7	A17607.D
Level 6	IC 600-109272/8	A17608.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2192 0.2093	0.2276	0.2074	0.2255	0.2113	Ave		0.2167				4.0		15.0			
Chloromethane	0.5711 0.4953	0.5723	0.5061	0.5326	0.5180	Ave		0.5326			0.1000	6.2		15.0			
Vinyl chloride	0.5498 0.4792	0.5645	0.5022	0.5109	0.5046	Ave		0.5185				6.2		30.0			
Bromomethane	0.3295 0.2480	0.3089	0.2746	0.2858	0.2791	Ave		0.2876				9.9		15.0			
Chloroethane	0.3387 0.2860	0.3319	0.3021	0.3098	0.3017	Ave		0.3117				6.4		15.0			
Trichlorofluoromethane	0.7791 0.6707	0.7077	0.7068	0.7284	0.6818	Ave		0.7124				5.4		15.0			
Acrolein	0.0353 0.0423	0.0381	0.0346	0.0390	0.0366	Ave		0.0376				7.5		15.0			
1,1-Dichloroethene	0.4684 0.4063	0.4494	0.4262	0.4428	0.4206	Ave		0.4356				5.1		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4071 0.3662	0.3516	0.3991	0.3967	0.3707	Ave		0.3819				5.8		15.0			
Acetone	0.0819 0.0733	0.0972	0.0706	0.0777	0.0704	Lin1	-0.043	0.0724							0.9972		0.9900
Iodomethane	1.0800 1.0042	1.1521	1.0162	1.0375	1.0109	Ave		1.0501				5.4		15.0			
Carbon disulfide	1.5771 1.4821	1.5821	1.5424	1.5881	1.5485	Ave		1.5534				2.5		15.0			
Isopropyl alcohol	0.0082 0.0144	0.0085	0.0080	0.0115	0.0108	Qua	0.3217	96.794	-48.20						0.9988		
3-Chloro-1-propene	0.2223 0.3379	0.2667	0.2938	0.3061	0.3141	Ave		0.2901				14.0		15.0			
Acetonitrile	0.8874 1.1079	0.9780	1.0060	1.0770	1.0719	Ave		1.0214				8.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylene Chloride	1.8621 0.5495	1.2300	0.7571	0.6744	0.5850	Lin	-0.206	0.5225							0.9998		0.9900
trans-1,2-Dichloroethene	0.6207 0.6083	0.6473	0.5970	0.6218	0.5988	Ave		0.6157				3.0		15.0			
Methyl tert-butyl ether	0.9309 1.0616	1.0522	0.9439	1.0059	0.9807	Ave		0.9959				5.5		15.0			
1,1-Dichloroethane	0.7964 0.7625	0.7699	0.7720	0.7623	0.7417	Ave		0.7675			0.1000	2.3		15.0			
Vinyl acetate	0.7275 0.9845	0.8050	0.8400	0.9377	0.9345	Ave		0.8715				11.2		15.0			
2-Chloro-1,3-butadiene	0.4837 0.5249	0.5133	0.5154	0.5489	0.5274	Ave		0.5189				4.1		15.0			
Acrylonitrile	0.1008 0.1070	0.0986	0.1047	0.1083	0.1038	Ave		0.1039				3.5		15.0			
2,2-Dichloropropane	0.2491 0.2823	0.2801	0.2654	0.2809	0.2744	Ave		0.2720				4.7		15.0			
cis-1,2-Dichloroethene	0.6130 0.6280	0.6558	0.6125	0.6258	0.6183	Ave		0.6255				2.6		15.0			
2-Butanone (MEK)	0.0991 0.1422	0.1028	0.1349	0.1170	0.1334	Ave		0.1215				14.8		15.0			
Propionitrile	0.0224 0.0323	0.0145	0.0167	0.0230	0.0243	Lin	0.3613	0.0331							0.9908		0.9900
Bromochloromethane	0.2752 0.2562	0.2927	0.2499	0.2613	0.2477	Ave		0.2639				6.5		15.0			
Methacrylonitrile	0.0271 0.0394	0.0317	0.0299	0.0364	0.0366	Ave		0.0335				14.0		15.0			
Chloroform	2.7319 1.9530	2.3708	2.1356	2.0239	1.8991	Ave		2.1857				14.4		30.0			
1,1,1-Trichloroethane	0.4667 0.5149	0.4762	0.4999	0.5164	0.4971	Ave		0.4952				4.1		15.0			
Carbon tetrachloride	0.3716 0.4313	0.3353	0.3719	0.3984	0.4015	Ave		0.3850				8.5		15.0			
1,1-Dichloropropene	1.5665 1.5942	1.5011	1.6671	1.6351	1.5263	Ave		1.5817				4.0		15.0			
Benzene	1.5934 1.5239	1.6199	1.5828	1.5935	1.5299	Ave		1.5739				2.4		15.0			
1,2-Dichloroethane	0.3514 0.3648	0.3771	0.3624	0.3723	0.3496	Ave		0.3629				3.0		15.0			
Isobutyl alcohol	0.0039 0.0091	0.0044	0.0037	0.0062	0.0064	Qua	0.6802	164.53	-155.7						0.9988		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.4611 0.4522	0.4541	0.4460	0.4475	0.4437	Ave		0.4508				1.4		15.0			
1,2-Dichloropropane	0.3843 0.3791	0.3719	0.3707	0.3738	0.3652	Ave		0.3742				1.8		30.0			
Dibromomethane	0.1295 0.1324	0.1262	0.1278	0.1370	0.1288	Ave		0.1303				3.0		15.0			
1,4-Dioxane	0.0006 0.0008	0.0004	0.0004	0.0007	0.0005	Qua	-0.592	2140.2	-5582						0.9918		
Methyl methacrylate	0.4323 0.6351	0.5124	0.5347	0.5810	0.5573	Ave		0.5421				12.6		15.0			
Bromodichloromethane	0.9822 1.1278	0.9440	0.9994	1.0386	1.0265	Ave		1.0198				6.1		15.0			
2-Chloroethyl vinyl ether	0.2106 0.4061	0.2619	0.3260	0.3543	0.3656	Lin1	0.1004	0.3988							0.9976		0.9900
cis-1,3-Dichloropropene	0.8278 1.3716	0.8830	1.0180	1.1441	1.2059	Lin1	0.0496	1.3324							0.9948		0.9900
4-Methyl-2-pentanone (MIBK)	0.4565 0.6177	0.4689	0.5155	0.5597	0.5566	Ave		0.5292				11.5		15.0			
Toluene	2.7955 2.7522	2.8163	2.8976	2.8087	2.7026	Ave		2.7955				2.3		30.0			
trans-1,3-Dichloropropene	0.3816 0.8772	0.4679	0.5667	0.6779	0.7455	Lin1	0.0692	0.8479							0.9911		0.9900
Ethyl methacrylate	0.5450 0.8323	0.6167	1.4246	0.7553	0.7879	Lin	0.0201	0.8291							0.9970		0.9900
1,1,2-Trichloroethane	0.6741 0.5811	0.5715	0.5625	0.5972	0.5488	Ave		0.5892				7.6		15.0			
Tetrachloroethene	1.1042 1.0245	0.9953	1.0385	1.0253	0.9835	Ave		1.0285				4.1		15.0			
1,3-Dichloropropane	0.9807 1.0441	0.9546	1.0277	1.0255	1.0311	Ave		1.0106				3.5		15.0			
2-Hexanone	0.1870 0.3785	0.1668	0.2399	0.2834	0.3238	Lin	0.2845	0.3873							0.9968		0.9900
Chlorodibromomethane	0.4251 0.6698	0.4417	0.4991	0.5641	0.5856	Lin1	0.0469	0.6497							0.9947		0.9900
1,2-Dibromoethane	0.4562 0.5396	0.4921	0.4866	0.5049	0.5019	Ave		0.4969				5.5		15.0			
Chlorobenzene	3.2184 3.0159	3.1723	3.0585	3.0815	3.0189	Ave		3.0943			0.3000	2.7		15.0			
1,1,1,2-Tetrachloroethane	0.6971 0.9225	0.7195	0.8140	0.8210	0.8578	Ave		0.8053				10.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	1.5802 1.5797	1.5330	1.6051	1.6228	1.5934	Ave		1.5857				1.9		30.0			
m-Xylene & p-Xylene	1.8551 1.9451	1.9353	2.0068	2.0355	1.9759	Ave		1.9589				3.2		15.0			
o-Xylene	1.7218 1.8847	1.7822	1.8584	1.9525	1.9035	Ave		1.8505				4.6		15.0			
Styrene	2.4074 2.9385	2.6205	2.7398	2.9013	2.9135	Ave		2.7535				7.6		15.0			
Bromoform	0.1444 0.3045	0.1597	0.1711	0.2160	0.2456	Lin	0.1646	0.3121			0.1000				0.9942		0.9900
Isopropylbenzene	4.4923 4.2539	4.5251	4.5839	4.6063	4.4011	Ave		4.4771				2.9		15.0			
Bromobenzene	1.0310 1.0040	0.9733	1.0217	1.0305	1.0112	Ave		1.0120				2.1		15.0			
1,1,2,2-Tetrachloroethane	0.5363 0.4801	0.5565	0.5050	0.4990	0.4754	Ave		0.5087			0.3000	6.3		15.0			
1,2,3-Trichloropropane	0.1547 0.1449	0.1713	0.1513	0.1565	0.1425	Ave		0.1535				6.7		15.0			
trans-1,4-Dichloro-2-butene	0.0092 0.0779	0.0136	0.0177	0.0359	0.0516	Qua	0.3225	19.991	-12.32						0.9973		
N-Propylbenzene	1.1804 1.2595	1.2787	1.3071	1.3641	1.2956	Ave		1.2809				4.7		15.0			
2-Chlorotoluene	1.2506 1.0999	1.1916	1.1598	1.2069	1.1377	Ave		1.1744				4.5		15.0			
4-Chlorotoluene	3.2398 3.2147	3.4316	3.2804	3.4164	3.2902	Ave		3.3122				2.7		15.0			
1,3,5-Trimethylbenzene	3.6203 3.4409	3.6153	3.6454	3.6794	3.5526	Ave		3.5923				2.4		15.0			
tert-Butylbenzene	3.2085 3.1965	3.2088	3.3596	3.3804	3.2611	Ave		3.2691				2.5		15.0			
1,2,4-Trimethylbenzene	3.3516 3.4193	3.6184	3.5052	3.5759	3.4710	Ave		3.4902				2.8		15.0			
sec-Butylbenzene	4.5065 4.4788	4.4106	4.6320	4.7649	4.5611	Ave		4.5590				2.8		15.0			
1,3-Dichlorobenzene	2.2140 2.1102	2.1827	2.1199	2.2028	2.1122	Ave		2.1570				2.2		15.0			
p-Isopropyltoluene	3.6315 3.6472	3.5184	3.6988	3.7763	3.7064	Ave		3.6631				2.4		15.0			
1,4-Dichlorobenzene	2.1718 2.0362	2.0735	2.0364	2.1691	2.0586	Ave		2.0909				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.8375 1.7681	1.8538	1.6915	1.8261	1.7943	Ave		1.7952				3.3		15.0			
n-Butylbenzene	2.9233 3.2463	2.7480	3.1568	3.3677	3.2975	Ave		3.1232				7.7		15.0			
1,2-Dibromo-3-Chloropropane	0.0289 0.0596	0.0342	0.0397	0.0448	0.0523	Lin1	0.0645	0.0578							0.9914		0.9900
1,2,4-Trichlorobenzene	0.6172 0.9280	0.6175	0.6928	0.8750	0.8656	Lin1	0.0428	0.9193							0.9973		0.9900
Hexachlorobutadiene	0.3282 0.2747	0.2436	0.2842	0.2932	0.2703	Ave		0.2824				9.9		15.0			
Naphthalene	0.5849 1.0327	0.6869	0.7291	0.9294	0.9828	Lin1	0.0504	1.0259							0.9970		0.9900
1,2,3-Trichlorobenzene	0.6105 0.6011	0.5118	0.5296	0.6312	0.5990	Ave		0.5805				8.3		15.0			
Dibromofluoromethane	0.5232 0.5292	0.5419	0.5283	0.5292	0.5206	Ave		0.5287				1.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3950 0.4145	0.4139	0.3984	0.4136	0.4017	Ave		0.4062				2.2		15.0			
Toluene-d8 (Surr)	4.0501 4.0527	4.1809	4.1391	4.1572	4.0042	Ave		4.0974				1.7		15.0			
4-Bromofluorobenzene	1.1562 1.0664	1.1768	1.1192	1.1204	1.0756	Ave		1.1191				3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-109272/3	A17603.D
Level 2	IC 600-109272/4	A17604.D
Level 3	IC 600-109272/5	A17605.D
Level 4	ICIS 600-109272/6	A17606.D
Level 5	IC 600-109272/7	A17607.D
Level 6	IC 600-109272/8	A17608.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	PFB	Ave	3443 183033	6830	17328	36389	69226	1.00 50.0	2.00	5.00	10.0	20.0
Chloromethane	PFB	Ave	8972 433180	17177	42284	85956	169721	1.00 50.0	2.00	5.00	10.0	20.0
Vinyl chloride	PFB	Ave	8637 419072	16944	41961	82446	165333	1.00 50.0	2.00	5.00	10.0	20.0
Bromomethane	PFB	Ave	5176 216933	9270	22942	46120	91463	1.00 50.0	2.00	5.00	10.0	20.0
Chloroethane	PFB	Ave	5321 250112	9962	25239	49991	98843	1.00 50.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	PFB	Ave	12240 586577	21240	59052	117559	223409	1.00 50.0	2.00	5.00	10.0	20.0
Acrolein	PFB	Ave	2770 184847	5716	14450	31447	59993	5.00 250	10.0	25.0	50.0	100
1,1-Dichloroethene	PFB	Ave	7358 355376	13489	35606	71464	137808	1.00 50.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	6395 320314	10552	33347	64022	121453	1.00 50.0	2.00	5.00	10.0	20.0
Acetone	PFB	Lin	2573 128135	5832	11790	25086	46140	2.00 100	4.00	10.0	20.0	40.0
Iodomethane	PFB	Ave	33933 1756499	69159	169813	334875	662453	2.00 100	4.00	10.0	20.0	40.0
Carbon disulfide	PFB	Ave	49555 2592451	94969	257727	512596	1014771	2.00 100	4.00	10.0	20.0	40.0
Isopropyl alcohol	PFB	Qua	1291 125579	2544	6643	18607	35396	10.0 500	20.0	50.0	100	200
3-Chloro-1-propene	PFB	Ave	6984 591110	16009	49101	98798	205806	2.00 100	4.00	10.0	20.0	40.0
Acetonitrile	PFB	Ave	27884 1937988	58706	168106	347627	702439	2.00 100	4.00	10.0	20.0	40.0
Methylene Chloride	PFB	Lin	29254 480636	36918	63258	108834	191683	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,2-Dichloroethene	PFB	Ave	9751 532043	19428	49882	100356	196197	1.00 50.0	2.00	5.00	10.0	20.0
Methyl tert-butyl ether	PFB	Ave	14624 928499	31582	78861	162341	321320	1.00 50.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	DFB	Ave	17564 942179	34029	90487	174026	348062	1.00 50.0	2.00	5.00	10.0	20.0
Vinyl acetate	PFB	Ave	22860 1722178	48320	140365	302662	612388	2.00 100	4.00	10.0	20.0	40.0
2-Chloro-1,3-butadiene	PFB	Ave	15198 918187	30814	86117	177163	345614	2.00 100	4.00	10.0	20.0	40.0
Acrylonitrile	PFB	Ave	7921 467900	14797	43722	87354	170072	5.00 250	10.0	25.0	50.0	100
2,2-Dichloropropane	DFB	Ave	5494 348818	12381	31104	64117	128743	1.00 50.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	PFB	Ave	9631 549238	19682	51170	100991	202586	1.00 50.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	PFB	Ave	3113 248675	6168	22538	37760	87389	2.00 100	4.00	10.0	20.0	40.0
Propionitrile	PFB	Lin	705 56481	872	2791	7417	15956	2.00 100	4.00	10.0	20.0	40.0
Bromochloromethane	PFB	Ave	4324 224108	8785	20880	42173	81167	1.00 50.0	2.00	5.00	10.0	20.0
Methacrylonitrile	PFB	Ave	852 68945	1901	5001	11746	23998	2.00 100	4.00	10.0	20.0	40.0
Chloroform	CBZ	Ave	18894 789350	34048	78813	152506	297093	1.00 50.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	DFB	Ave	10293 636177	21046	58598	117878	233292	1.00 50.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	DFB	Ave	8196 532894	14820	43592	90955	188420	1.00 50.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	CBZ	Ave	10834 644328	21557	61521	123210	238770	1.00 50.0	2.00	5.00	10.0	20.0
Benzene	DFB	Ave	35144 1882975	71599	185526	363780	717943	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	DFB	Ave	7750 450722	16666	42479	84989	164064	1.00 50.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	PFB	Qua	609 79852	1312	3066	9972	20964	10.0 500	20.0	50.0	100	200
Trichloroethene	DFB	Ave	10170 558714	20070	52280	102157	208195	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	DFB	Ave	8476 468410	16439	43452	85331	171387	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	DFB	Ave	2856 163644	5577	14981	31280	60431	1.00 50.0	2.00	5.00	10.0	20.0
1,4-Dioxane	DFB	Qua	626 50523	879	2590	7554	10932	50.0 2500	100	250	500	1000
Methyl methacrylate	CBZ	Ave	5980 513416	14716	39464	87558	174363	2.00 100	4.00	10.0	20.0	40.0
Bromodichloromethane	CBZ	Ave	6793 455849	13557	36882	78261	160581	1.00 50.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	CBZ	Lin1	2913 328237	7523	24059	53400	114401	2.00 100	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	CBZ	Lin1	5725 554371	12681	37570	86206	188652	1.00 50.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	6315 499301	13469	38047	84343	174155	2.00 100	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	19334 1112374	40445	106934	211641	422795	1.00 50.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	2639 354548	6719	20912	51078	116625	1.00 50.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin	7538 672832	17714	52572	113832	246514	2.00 100	4.00	5.00	20.0	40.0
1,1,2-Trichloroethane	CBZ	Ave	4662 234857	8207	20759	44997	85858	1.00 50.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	7637 414081	14294	38323	77255	153857	1.00 50.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	6783 422022	13709	37928	77274	161306	1.00 50.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Lin	2586 305935	4790	17704	42716	101300	2.00 100	4.00	10.0	20.0	40.0
Chlorodibromomethane	CBZ	Lin1	2940 270723	6344	18419	42503	91610	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	3155 218079	7067	17959	38042	78516	1.00 50.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	22259 1218982	45558	112872	232192	472283	1.00 50.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	4821 372862	10333	30040	61865	134203	1.00 50.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	10929 638488	22015	59234	122277	249271	1.00 50.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	25660 1572307	55585	148116	306757	618221	2.00 100	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	11908 761776	25595	68584	147123	297787	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBZ	Ave	16650 1187680	37633	101110	218616	455793	1.00 50.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Lin	999 123064	2294	6314	16275	38420	1.00 50.0	2.00	5.00	10.0	20.0
Isopropylbenzene	DCB	Ave	30936 1935554	62911	174198	362502	746940	1.00 50.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	7100 456816	13532	38826	81100	171617	1.00 50.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3693 218440	7737	19191	39273	80684	1.00 50.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	1065 65918	2381	5751	12314	24189	1.00 50.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Qua	127 70883	379	1347	5650	17531	2.00 100	4.00	10.0	20.0	40.0
N-Propylbenzene	DCB	Ave	8129 573082	17778	49673	107351	219887	1.00 50.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	8612 500458	16567	44075	94977	193088	1.00 50.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	22311 1462712	47709	124661	268866	558412	1.00 50.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	24931 1565605	50262	138534	289562	602934	1.00 50.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	22095 1454440	44611	127670	266030	553467	1.00 50.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	23081 1555812	50305	133204	281418	589098	1.00 50.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	31034 2037882	61320	176025	374985	774108	1.00 50.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	15247 960155	30346	80559	173352	358478	1.00 50.0	2.00	5.00	10.0	20.0
p-Isopropyltoluene	DCB	Ave	25008 1659479	48916	140560	297184	629047	1.00 50.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	14956 926501	28827	77387	170700	349386	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	12654 804513	25773	64280	143709	304520	1.00 50.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	20131 1477061	38204	119963	265032	559642	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	199 27131	476	1509	3522	8875	1.00 50.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Lin1	4250 422221	8585	26328	68861	146908	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-76796-1 Analy Batch No.: 109272

SDG No.: _____

Instrument ID: VOAMS07 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/25/2013 10:19 Calibration End Date: 06/25/2013 12:42 Calibration ID: 2266

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	2260 124980	3387	10801	23074	45874	1.00 50.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Lin1	4028 469901	9550	27707	73144	166793	1.00 50.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	4204 273489	7116	20126	49673	101668	1.00 50.0	2.00	5.00	10.0	20.0
Dibromofluoromethane	PFB	Ave	8220 462848	16264	44135	85399	170591	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	PFB	Ave	6206 362532	12422	33288	66746	131618	1.00 50.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	28011 1638031	60043	152749	313249	626421	1.00 50.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene	DCB	Ave	7962 485197	16361	42533	88172	182541	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111710/2 Calibration Date: 07/26/2013 12:43

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A20701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2167	0.2006		9.26	10.0	-7.4	35.0
Chloromethane	Ave	0.5326	0.5059	0.1000	9.50	10.0	-5.0	35.0
Vinyl chloride	Ave	0.5185	0.5681		11.0	10.0	9.6	20.0
Bromomethane	Ave	0.2876	0.3049		10.6	10.0	6.0	35.0
Chloroethane	Ave	0.3117	0.3518		11.3	10.0	12.9	35.0
Trichlorofluoromethane	Ave	0.7124	0.7623		10.7	10.0	7.0	35.0
Acrolein	Ave	0.0376	0.0363		48.2	50.0	-3.6	50.0
1,1-Dichloroethene	Ave	0.4356	0.4885		11.2	10.0	12.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3819	0.3841		10.1	10.0	0.6	35.0
Acetone	Lin	0.0785	0.0705		18.9	20.0	-5.4	50.0
Iodomethane	Ave	1.050	0.8839		16.8	20.0	-15.8	35.0
Carbon disulfide	Ave	1.553	1.277		16.4	20.0	-17.8	35.0
Isopropyl alcohol	Qua	0.0102	0.0082		80.9	100	-19.2	50.0
Acetonitrile	Ave	1.021	0.8301		16.3	20.0	-18.7	50.0
3-Chloro-1-propene	Ave	0.2901	0.2705		18.6	20.0	-6.8	35.0
Methylene Chloride	Lin	0.9430	0.5427		7.82	10.0	-21.8	50.0
trans-1,2-Dichloroethene	Ave	0.6157	0.5158		8.38	10.0	-16.2	35.0
Methyl tert-butyl ether	Ave	0.996	0.8390		8.43	10.0	-15.8	35.0
1,1-Dichloroethane	Ave	0.7675	0.6355	0.1000	8.28	10.0	-17.2	35.0
Vinyl acetate	Ave	0.8715	0.6585		15.1	20.0	-24.4	50.0
2-Chloro-1,3-butadiene	Ave	0.5189	0.4686		18.1	20.0	-9.7	35.0
Acrylonitrile	Ave	0.1039	0.0940		45.3	50.0	-9.5	50.0
2,2-Dichloropropane	Ave	0.2720	0.2382		8.76	10.0	-12.4	35.0
cis-1,2-Dichloroethene	Ave	0.6255	0.5285		8.45	10.0	-15.5	35.0
2-Butanone (MEK)	Ave	0.1215	0.0838		13.8	20.0	-31.1	50.0
Propionitrile	Lin	0.0222	0.0189		15.9	20.0	-20.3	35.0
Bromochloromethane	Ave	0.2639	0.2049		7.77	10.0	-22.4	35.0
Methacrylonitrile	Ave	0.0335	0.0281		16.8	20.0	-16.2	35.0
Chloroform	Ave	2.186	1.983		9.07	10.0	-9.3	20.0
1,1,1-Trichloroethane	Ave	0.4952	0.4637		9.37	10.0	-6.4	35.0
Carbon tetrachloride	Ave	0.3850	0.3558		9.24	10.0	-7.6	35.0
1,1-Dichloropropene	Ave	1.582	1.385		8.76	10.0	-12.4	35.0
Benzene	Ave	1.574	1.363		8.66	10.0	-13.4	35.0
1,2-Dichloroethane	Ave	0.3629	0.3285		9.05	10.0	-9.5	35.0
Isobutyl alcohol	Qua	0.0056	0.0048		85.2	100	-14.8	50.0
Trichloroethene	Ave	0.4508	0.3721		8.26	10.0	-17.4	35.0
1,2-Dichloropropane	Ave	0.3742	0.3013		8.05	10.0	-19.5	20.0
Dibromomethane	Ave	0.1303	0.1110		8.52	10.0	-14.8	35.0
1,4-Dioxane	Qua	0.0006	0.0004		437	500	-12.5	50.0
Methyl methacrylate	Ave	0.5421	0.4304		15.9	20.0	-20.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111710/2 Calibration Date: 07/26/2013 12:43

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A20701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.020	0.8992		8.82	10.0	-11.8	35.0
2-Chloroethyl vinyl ether	Lin1	0.3208	0.2413		13.4	20.0	-33.2	50.0
cis-1,3-Dichloropropene	Lin1	1.075	0.9198		7.52	10.0	-24.8	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5292	0.4112		15.5	20.0	-22.3	50.0
Toluene	Ave	2.795	2.422		8.67	10.0	-13.4	20.0
trans-1,3-Dichloropropene	Lin1	0.6194	0.5410		7.25	10.0	-27.5	35.0
Ethyl methacrylate	Lin	0.8270	0.6148		15.1	20.0	-24.6	50.0
1,1,2-Trichloroethane	Ave	0.5892	0.4965		8.43	10.0	-15.7	35.0
Tetrachloroethene	Ave	1.029	0.8700		8.46	10.0	-15.4	35.0
1,3-Dichloropropane	Ave	1.011	0.8981		8.89	10.0	-11.1	35.0
2-Hexanone	Lin	0.2632	0.2163		14.7	20.0	-26.4	50.0
Chlorodibromomethane	Lin1	0.5309	0.4602		7.67	10.0	-23.3	35.0
1,2-Dibromoethane	Ave	0.4969	0.3958		7.97	10.0	-20.3	35.0
Chlorobenzene	Ave	3.094	2.510	0.3000	8.11	10.0	-18.9	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8053	0.6944		8.62	10.0	-13.8	35.0
Ethylbenzene	Ave	1.586	1.318		8.31	10.0	-16.9	20.0
m-Xylene & p-Xylene	Ave	1.959	1.729		17.7	20.0	-11.7	35.0
o-Xylene	Ave	1.851	1.590		8.59	10.0	-14.1	35.0
Styrene	Ave	2.753	2.347		8.52	10.0	-14.8	35.0
Bromoform	Lin	0.2069	0.1754	0.1000	7.68	10.0	-23.2	35.0
Isopropylbenzene	Ave	4.477	4.146		9.26	10.0	-7.4	35.0
Bromobenzene	Ave	1.012	0.9013		8.91	10.0	-10.9	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5087	0.4281	0.3000	8.42	10.0	-15.8	35.0
1,2,3-Trichloropropane	Ave	0.1535	0.1364		8.88	10.0	-11.2	35.0
trans-1,4-Dichloro-2-butene	Qua	0.0343	0.0355		17.7	20.0	-11.4	50.0
N-Propylbenzene	Ave	1.281	1.177		9.19	10.0	-8.1	35.0
2-Chlorotoluene	Ave	1.174	1.052		8.96	10.0	-10.4	35.0
4-Chlorotoluene	Ave	3.312	3.103		9.37	10.0	-6.3	35.0
1,3,5-Trimethylbenzene	Ave	3.592	3.325		9.26	10.0	-7.4	35.0
tert-Butylbenzene	Ave	3.269	3.007		9.20	10.0	-8.0	35.0
1,2,4-Trimethylbenzene	Ave	3.490	3.182		9.12	10.0	-8.8	35.0
sec-Butylbenzene	Ave	4.559	4.335		9.51	10.0	-4.9	35.0
1,3-Dichlorobenzene	Ave	2.157	1.874		8.69	10.0	-13.1	35.0
p-Isopropyltoluene	Ave	3.663	3.424		9.35	10.0	-6.5	35.0
1,4-Dichlorobenzene	Ave	2.091	1.877		8.98	10.0	-10.3	35.0
1,2-Dichlorobenzene	Ave	1.795	1.563		8.71	10.0	-12.9	35.0
n-Butylbenzene	Ave	3.123	3.027		9.69	10.0	-3.1	35.0
1,2-Dibromo-3-Chloropropane	Lin1	0.0433	0.0353		6.91	10.0	-30.9	35.0
1,2,4-Trichlorobenzene	Lin1	0.7660	0.9441		10.8	10.0	8.0	35.0
Hexachlorobutadiene	Ave	0.2824	0.2618		9.27	10.0	-7.3	35.0
Naphthalene	Lin1	0.8243	1.070		11.1	10.0	10.6	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab Sample ID: CCVIS 600-111710/2 Calibration Date: 07/26/2013 12:43
Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42
Lab File ID: A20701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.5805	0.6369		11.0	10.0	9.7	35.0
Dibromofluoromethane	Ave	0.5287	0.4462		8.44	10.0	-15.6	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4062	0.3553		8.75	10.0	-12.5	35.0
Toluene-d8 (Surr)	Ave	4.097	3.465		8.46	10.0	-15.4	35.0
4-Bromofluorobenzene	Ave	1.119	1.036		9.25	10.0	-7.5	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111811/2 Calibration Date: 07/29/2013 12:04

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21001.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2167	0.2799		12.9	10.0	29.2	35.0
Chloromethane	Ave	0.5326	0.4043	0.1000	7.59	10.0	-24.1	35.0
Vinyl chloride	Ave	0.5185	0.4297		8.29	10.0	-17.1	20.0
Bromomethane	Ave	0.2876	0.2319		8.06	10.0	-19.4	35.0
Chloroethane	Ave	0.3117	0.2534		8.13	10.0	-18.7	35.0
Trichlorofluoromethane	Ave	0.7124	0.6994		9.82	10.0	-1.8	35.0
Acrolein	Ave	0.0376	0.0209		27.7	50.0	-44.6	50.0
1,1-Dichloroethene	Ave	0.4356	0.4001		9.19	10.0	-8.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3819	0.3916		10.3	10.0	2.5	35.0
Acetone	Lin	0.0785	0.0644		17.2	20.0	-13.8	50.0
Iodomethane	Ave	1.050	1.022		19.5	20.0	-2.7	35.0
Carbon disulfide	Ave	1.553	1.482		19.1	20.0	-4.6	35.0
Isopropyl alcohol	Qua	0.0102	0.0147		138	100	38.0	50.0
3-Chloro-1-propene	Ave	0.2901	0.3010		20.8	20.0	3.7	35.0
Acetonitrile	Ave	1.021	1.131		22.2	20.0	10.7	50.0
Methylene Chloride	Lin	0.9430	0.5000		7.00	10.0	-30.0	50.0
trans-1,2-Dichloroethene	Ave	0.6157	0.5899		9.58	10.0	-4.2	35.0
Methyl tert-butyl ether	Ave	0.996	0.9826		9.87	10.0	-1.3	35.0
1,1-Dichloroethane	Ave	0.7675	0.7908	0.1000	10.3	10.0	3.0	35.0
2-Chloro-1,3-butadiene	Ave	0.5189	0.5239		20.2	20.0	1.0	35.0
Acrylonitrile	Ave	0.1039	0.1133		54.5	50.0	9.0	50.0
Vinyl acetate	Ave	0.8715	0.8227		18.9	20.0	-5.6	50.0
2,2-Dichloropropane	Ave	0.2720	0.3665		13.5	10.0	34.7	35.0
cis-1,2-Dichloroethene	Ave	0.6255	0.5758		9.21	10.0	-7.9	35.0
2-Butanone (MEK)	Ave	0.1215	0.1179		19.4	20.0	-3.0	50.0
Propionitrile	Lin	0.0222	0.0261		20.3	20.0	1.4	35.0
Bromochloromethane	Ave	0.2639	0.2326		8.82	10.0	-11.8	35.0
Methacrylonitrile	Ave	0.0335	0.0327		19.5	20.0	-2.3	35.0
Chloroform	Ave	2.186	2.276		10.4	10.0	4.1	20.0
1,1,1-Trichloroethane	Ave	0.4952	0.6015		12.2	10.0	21.5	35.0
Carbon tetrachloride	Ave	0.3850	0.5252		13.6	10.0	36.4*	35.0
1,1-Dichloropropene	Ave	1.582	1.714		10.8	10.0	8.4	35.0
Benzene	Ave	1.574	1.553		9.87	10.0	-1.4	35.0
1,2-Dichloroethane	Ave	0.3629	0.4078		11.2	10.0	12.4	35.0
Isobutyl alcohol	Qua	0.0056	0.0079		131	100	30.7	50.0
Trichloroethene	Ave	0.4508	0.4934		11.0	10.0	9.5	35.0
1,2-Dichloropropane	Ave	0.3742	0.3586		9.58	10.0	-4.2	20.0
Dibromomethane	Ave	0.1303	0.1306		10.0	10.0	0.2	35.0
1,4-Dioxane	Qua	0.0006	0.0010		952	500	90.3*	50.0
Methyl methacrylate	Ave	0.5421	0.6036		22.3	20.0	11.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111811/2 Calibration Date: 07/29/2013 12:04

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21001.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.020	1.105		10.8	10.0	8.4	35.0
2-Chloroethyl vinyl ether	Lin1	0.3208	0.3274		17.7	20.0	-11.6	50.0
cis-1,3-Dichloropropene	Lin1	1.075	1.216		9.74	10.0	-2.6	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5292	0.5538		20.9	20.0	4.7	50.0
Toluene	Ave	2.795	2.815		10.1	10.0	0.7	20.0
trans-1,3-Dichloropropene	Lin1	0.6194	0.7595		9.82	10.0	-1.8	35.0
Ethyl methacrylate	Lin	0.8270	0.7380		18.1	20.0	-9.7	50.0
1,1,2-Trichloroethane	Ave	0.5892	0.5660		9.61	10.0	-3.9	35.0
Tetrachloroethene	Ave	1.029	1.186		11.5	10.0	15.3	35.0
1,3-Dichloropropane	Ave	1.011	1.017		10.1	10.0	0.6	35.0
2-Hexanone	Lin	0.2632	0.3145		19.8	20.0	-1.0	50.0
Chlorodibromomethane	Lin1	0.5309	0.6539		10.7	10.0	6.5	35.0
1,2-Dibromoethane	Ave	0.4969	0.5178		10.4	10.0	4.2	35.0
Chlorobenzene	Ave	3.094	3.147	0.3000	10.2	10.0	1.7	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8053	0.9546		11.9	10.0	18.5	35.0
Ethylbenzene	Ave	1.586	1.679		10.6	10.0	5.9	20.0
m-Xylene & p-Xylene	Ave	1.959	2.048		20.9	20.0	4.6	35.0
o-Xylene	Ave	1.851	1.954		10.6	10.0	5.6	35.0
Styrene	Ave	2.753	2.920		10.6	10.0	6.0	35.0
Bromoform	Lin	0.2069	0.2789	0.1000	11.0	10.0	9.9	35.0
Isopropylbenzene	Ave	4.477	4.498		10.1	10.0	0.5	35.0
Bromobenzene	Ave	1.012	1.029		10.2	10.0	1.7	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5087	0.4467	0.3000	8.78	10.0	-12.2	35.0
1,2,3-Trichloropropane	Ave	0.1535	0.1518		9.89	10.0	-1.1	35.0
trans-1,4-Dichloro-2-butene	Qua	0.0343	0.0694		29.9	20.0	49.3	50.0
N-Propylbenzene	Ave	1.281	1.295		10.1	10.0	1.1	35.0
2-Chlorotoluene	Ave	1.174	1.148		9.78	10.0	-2.2	35.0
4-Chlorotoluene	Ave	3.312	3.356		10.1	10.0	1.3	35.0
1,3,5-Trimethylbenzene	Ave	3.592	3.633		10.1	10.0	1.1	35.0
tert-Butylbenzene	Ave	3.269	3.379		10.3	10.0	3.4	35.0
1,2,4-Trimethylbenzene	Ave	3.490	3.610		10.3	10.0	3.4	35.0
sec-Butylbenzene	Ave	4.559	4.723		10.4	10.0	3.6	35.0
1,3-Dichlorobenzene	Ave	2.157	2.255		10.5	10.0	4.5	35.0
p-Isopropyltoluene	Ave	3.663	3.874		10.6	10.0	5.8	35.0
1,4-Dichlorobenzene	Ave	2.091	2.166		10.4	10.0	3.6	35.0
1,2-Dichlorobenzene	Ave	1.795	1.893		10.5	10.0	5.4	35.0
n-Butylbenzene	Ave	3.123	3.443		11.0	10.0	10.2	35.0
1,2-Dibromo-3-Chloropropane	Lin1	0.0433	0.0601		11.2	10.0	12.1	35.0
1,2,4-Trichlorobenzene	Lin1	0.7660	1.118		12.7	10.0	26.9	35.0
Hexachlorobutadiene	Ave	0.2824	0.3656		13.0	10.0	29.5	35.0
Naphthalene	Lin1	0.8243	1.219		12.5	10.0	25.2	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab Sample ID: CCVIS 600-111811/2 Calibration Date: 07/29/2013 12:04
Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42
Lab File ID: A21001.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.5805	0.8293		14.3	10.0	42.8*	35.0
Dibromofluoromethane	Ave	0.5287	0.5166		9.77	10.0	-2.3	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4062	0.4131		10.2	10.0	1.7	35.0
Toluene-d8 (Surr)	Ave	4.097	4.311		10.5	10.0	5.2	35.0
4-Bromofluorobenzene	Ave	1.119	1.125		10.1	10.0	0.5	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111958/2 Calibration Date: 07/30/2013 09:56

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21101.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2167	0.2378		11.0	10.0	9.7	35.0
Chloromethane	Ave	0.5326	0.4193	0.1000	7.87	10.0	-21.3	35.0
Vinyl chloride	Ave	0.5185	0.4496		8.67	10.0	-13.3	20.0
Bromomethane	Ave	0.2876	0.2368		8.23	10.0	-17.7	35.0
Chloroethane	Ave	0.3117	0.2547		8.17	10.0	-18.3	35.0
Trichlorofluoromethane	Ave	0.7124	0.6908		9.70	10.0	-3.0	35.0
Acrolein	Ave	0.0376	0.0236		31.4	50.0	-37.2	50.0
1,1-Dichloroethene	Ave	0.4356	0.4133		9.49	10.0	-5.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3819	0.3843		10.1	10.0	0.6	35.0
Acetone	Lin	0.0785	0.0758		20.4	20.0	1.9	50.0
Iodomethane	Ave	1.050	1.047		19.9	20.0	-0.3	35.0
Carbon disulfide	Ave	1.553	1.489		19.2	20.0	-4.1	35.0
Isopropyl alcohol	Qua	0.0102	0.0105		102	100	1.4	50.0
3-Chloro-1-propene	Ave	0.2901	0.3026		20.9	20.0	4.3	35.0
Acetonitrile	Ave	1.021	1.162		22.8	20.0	13.8	50.0
Methylene Chloride	Lin	0.9430	0.5321		7.62	10.0	-23.8	50.0
trans-1,2-Dichloroethene	Ave	0.6157	0.5934		9.64	10.0	-3.6	35.0
Methyl tert-butyl ether	Ave	0.996	0.9895		9.94	10.0	-0.6	35.0
1,1-Dichloroethane	Ave	0.7675	0.8019	0.1000	10.5	10.0	4.5	35.0
Vinyl acetate	Ave	0.8715	0.8683		19.9	20.0	-0.4	50.0
2-Chloro-1,3-butadiene	Ave	0.5189	0.5356		20.6	20.0	3.2	35.0
Acrylonitrile	Ave	0.1039	0.1198		57.7	50.0	15.3	50.0
2,2-Dichloropropane	Ave	0.2720	0.3312		12.2	10.0	21.8	35.0
cis-1,2-Dichloroethene	Ave	0.6255	0.5974		9.55	10.0	-4.5	35.0
2-Butanone (MEK)	Ave	0.1215	0.1236		20.3	20.0	1.7	50.0
Propionitrile	Lin	0.0222	0.0264		20.5	20.0	2.3	35.0
Bromochloromethane	Ave	0.2639	0.2468		9.36	10.0	-6.5	35.0
Methacrylonitrile	Ave	0.0335	0.0330		19.7	20.0	-1.6	35.0
Chloroform	Ave	2.186	2.507		11.5	10.0	14.7	20.0
1,1,1-Trichloroethane	Ave	0.4952	0.5945		12.0	10.0	20.1	35.0
Carbon tetrachloride	Ave	0.3850	0.4971		12.9	10.0	29.1	35.0
1,1-Dichloropropene	Ave	1.582	1.747		11.1	10.0	10.5	35.0
Benzene	Ave	1.574	1.568		9.96	10.0	-0.4	35.0
1,2-Dichloroethane	Ave	0.3629	0.4221		11.6	10.0	16.3	35.0
Isobutyl alcohol	Qua	0.0056	0.0054		93.2	100	-6.8	50.0
Trichloroethene	Ave	0.4508	0.4747		10.5	10.0	5.3	35.0
1,2-Dichloropropane	Ave	0.3742	0.3646		9.74	10.0	-2.6	20.0
Dibromomethane	Ave	0.1303	0.1329		10.2	10.0	2.0	35.0
1,4-Dioxane	Qua	0.0006	0.0004		395	500	-21.0	50.0
Methyl methacrylate	Ave	0.5421	0.6037		22.3	20.0	11.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-111958/2 Calibration Date: 07/30/2013 09:56

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21101.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.020	1.097		10.8	10.0	7.5	35.0
2-Chloroethyl vinyl ether	Lin1	0.3208	0.3086		16.7	20.0	-16.3	50.0
cis-1,3-Dichloropropene	Lin1	1.075	1.157		9.30	10.0	-7.0	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5292	0.5629		21.3	20.0	6.4	50.0
Toluene	Ave	2.795	2.843		10.2	10.0	1.7	20.0
trans-1,3-Dichloropropene	Lin1	0.6194	0.6757		8.83	10.0	-11.7	35.0
Ethyl methacrylate	Lin	0.8270	0.7458		18.2	20.0	-8.8	50.0
1,1,2-Trichloroethane	Ave	0.5892	0.5747		9.76	10.0	-2.5	35.0
Tetrachloroethene	Ave	1.029	1.174		11.4	10.0	14.2	35.0
1,3-Dichloropropane	Ave	1.011	1.015		10.1	10.0	0.5	35.0
2-Hexanone	Lin	0.2632	0.3051		19.3	20.0	-3.5	50.0
Chlorodibromomethane	Lin1	0.5309	0.6117		10.0	10.0	0.0	35.0
1,2-Dibromoethane	Ave	0.4969	0.4984		10.0	10.0	0.3	35.0
Chlorobenzene	Ave	3.094	3.056	0.3000	9.88	10.0	-1.2	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8053	0.9021		11.2	10.0	12.0	35.0
Ethylbenzene	Ave	1.586	1.630		10.3	10.0	2.8	20.0
m-Xylene & p-Xylene	Ave	1.959	2.017		20.6	20.0	2.9	35.0
o-Xylene	Ave	1.851	1.926		10.4	10.0	4.1	35.0
Styrene	Ave	2.753	2.820		10.2	10.0	2.4	35.0
Bromoform	Lin	0.2069	0.2337	0.1000	9.54	10.0	-4.6	35.0
Isopropylbenzene	Ave	4.477	4.756		10.6	10.0	6.2	35.0
Bromobenzene	Ave	1.012	1.080		10.7	10.0	6.7	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5087	0.4554	0.3000	8.95	10.0	-10.5	35.0
1,2,3-Trichloropropane	Ave	0.1535	0.1528		9.96	10.0	-0.5	35.0
trans-1,4-Dichloro-2-butene	Qua	0.0343	0.0527		24.0	20.0	20.0	50.0
N-Propylbenzene	Ave	1.281	1.400		10.9	10.0	9.3	35.0
2-Chlorotoluene	Ave	1.174	1.212		10.3	10.0	3.2	35.0
4-Chlorotoluene	Ave	3.312	3.454		10.4	10.0	4.3	35.0
1,3,5-Trimethylbenzene	Ave	3.592	3.849		10.7	10.0	7.1	35.0
tert-Butylbenzene	Ave	3.269	3.543		10.8	10.0	8.4	35.0
1,2,4-Trimethylbenzene	Ave	3.490	3.694		10.6	10.0	5.8	35.0
sec-Butylbenzene	Ave	4.559	4.894		10.7	10.0	7.4	35.0
1,3-Dichlorobenzene	Ave	2.157	2.167		10.0	10.0	0.4	35.0
p-Isopropyltoluene	Ave	3.663	3.960		10.8	10.0	8.1	35.0
1,4-Dichlorobenzene	Ave	2.091	2.076		9.93	10.0	-0.7	35.0
1,2-Dichlorobenzene	Ave	1.795	1.797		10.0	10.0	0.1	35.0
n-Butylbenzene	Ave	3.123	3.427		11.0	10.0	9.7	35.0
1,2-Dibromo-3-Chloropropane	Lin1	0.0433	0.0370		7.22	10.0	-27.8	35.0
1,2,4-Trichlorobenzene	Lin1	0.7660	0.8043		9.28	10.0	-7.2	35.0
Hexachlorobutadiene	Ave	0.2824	0.3196		11.3	10.0	13.2	35.0
Naphthalene	Lin1	0.8243	0.9639		10.0	10.0	0.3	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab Sample ID: CCVIS 600-111958/2 Calibration Date: 07/30/2013 09:56
Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42
Lab File ID: A21101.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.5805	0.5174		8.91	10.0	-10.9	35.0
Dibromofluoromethane	Ave	0.5287	0.5442		10.3	10.0	2.9	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4062	0.4481		11.0	10.0	10.3	35.0
Toluene-d8 (Surr)	Ave	4.097	4.329		10.6	10.0	5.6	35.0
4-Bromofluorobenzene	Ave	1.119	1.164		10.4	10.0	4.0	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-112020/2 Calibration Date: 07/31/2013 09:40

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21201.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2167	0.2651		12.2	10.0	22.3	35.0
Chloromethane	Ave	0.5326	0.4875	0.1000	9.15	10.0	-8.5	35.0
Vinyl chloride	Ave	0.5185	0.5269		10.2	10.0	1.6	20.0
Bromomethane	Ave	0.2876	0.2648		9.21	10.0	-7.9	35.0
Chloroethane	Ave	0.3117	0.2853		9.15	10.0	-8.5	35.0
Trichlorofluoromethane	Ave	0.7124	0.7196		10.1	10.0	1.0	35.0
Acrolein	Ave	0.0376	0.0254		33.8	50.0	-32.5	50.0
1,1-Dichloroethene	Ave	0.4356	0.4391		10.1	10.0	0.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3819	0.3845		10.1	10.0	0.7	35.0
Acetone	Lin	0.0785	0.0772		20.8	20.0	3.8	50.0
Iodomethane	Ave	1.050	1.125		21.4	20.0	7.2	35.0
Carbon disulfide	Ave	1.553	1.575		20.3	20.0	1.4	35.0
Isopropyl alcohol	Qua	0.0102	0.0135		128	100	27.5	50.0
Acetonitrile	Ave	1.021	1.195		23.4	20.0	17.0	50.0
3-Chloro-1-propene	Ave	0.2901	0.3067		21.1	20.0	5.7	35.0
Methylene Chloride	Lin	0.9430	0.6161		9.22	10.0	-7.8	50.0
trans-1,2-Dichloroethene	Ave	0.6157	0.6153		10.00	10.0	-0.0	35.0
Methyl tert-butyl ether	Ave	0.996	1.054		10.6	10.0	5.9	35.0
1,1-Dichloroethane	Ave	0.7675	0.8141	0.1000	10.6	10.0	6.1	35.0
Vinyl acetate	Ave	0.8715	0.9303		21.4	20.0	6.7	50.0
2-Chloro-1,3-butadiene	Ave	0.5189	0.5422		20.9	20.0	4.5	35.0
Acrylonitrile	Ave	0.1039	0.1236		59.5	50.0	19.0	50.0
2,2-Dichloropropane	Ave	0.2720	0.3507		12.9	10.0	28.9	35.0
cis-1,2-Dichloroethene	Ave	0.6255	0.6247		9.99	10.0	-0.1	35.0
2-Butanone (MEK)	Ave	0.1215	0.1308		21.5	20.0	7.6	50.0
Propionitrile	Lin	0.0222	0.0297		22.4	20.0	12.2	35.0
Bromochloromethane	Ave	0.2639	0.2531		9.59	10.0	-4.1	35.0
Methacrylonitrile	Ave	0.0335	0.0360		21.5	20.0	7.3	35.0
Chloroform	Ave	2.186	2.293		10.5	10.0	4.9	20.0
1,1,1-Trichloroethane	Ave	0.4952	0.5954		12.0	10.0	20.2	35.0
Carbon tetrachloride	Ave	0.3850	0.5051		13.1	10.0	31.2	35.0
1,1-Dichloropropene	Ave	1.582	1.655		10.5	10.0	4.6	35.0
Benzene	Ave	1.574	1.588		10.1	10.0	0.9	35.0
1,2-Dichloroethane	Ave	0.3629	0.4193		11.6	10.0	15.5	35.0
Isobutyl alcohol	Qua	0.0056	0.0059		101	100	0.5	50.0
Trichloroethene	Ave	0.4508	0.4995		11.1	10.0	10.8	35.0
1,2-Dichloropropane	Ave	0.3742	0.3709		9.91	10.0	-0.9	20.0
Dibromomethane	Ave	0.1303	0.1427		11.0	10.0	9.5	35.0
1,4-Dioxane	Qua	0.0006	0.0006		567	500	13.5	50.0
Methyl methacrylate	Ave	0.5421	0.6029		22.2	20.0	11.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Lab Sample ID: CCVIS 600-112020/2 Calibration Date: 07/31/2013 09:40

Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42

Lab File ID: A21201.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.020	1.095		10.7	10.0	7.4	35.0
2-Chloroethyl vinyl ether	Lin1	0.3208	0.3368		18.2	20.0	-9.3	50.0
cis-1,3-Dichloropropene	Lin1	1.075	1.185		9.52	10.0	-4.8	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5292	0.5943		22.5	20.0	12.3	50.0
Toluene	Ave	2.795	2.856		10.2	10.0	2.2	20.0
trans-1,3-Dichloropropene	Lin1	0.6194	0.7311		9.49	10.0	-5.1	35.0
Ethyl methacrylate	Lin	0.8270	0.7395		18.1	20.0	-9.6	50.0
1,1,2-Trichloroethane	Ave	0.5892	0.5829		9.89	10.0	-1.1	35.0
Tetrachloroethene	Ave	1.029	1.127		11.0	10.0	9.6	35.0
1,3-Dichloropropane	Ave	1.011	1.011		10.0	10.0	0.0	35.0
2-Hexanone	Lin	0.2632	0.3300		20.6	20.0	3.0	50.0
Chlorodibromomethane	Lin1	0.5309	0.6191		10.1	10.0	1.2	35.0
1,2-Dibromoethane	Ave	0.4969	0.5340		10.8	10.0	7.5	35.0
Chlorobenzene	Ave	3.094	3.083	0.3000	9.96	10.0	-0.4	35.0
1,1,1,2-Tetrachloroethane	Ave	0.8053	0.9355		11.6	10.0	16.2	35.0
Ethylbenzene	Ave	1.586	1.662		10.5	10.0	4.8	20.0
m-Xylene & p-Xylene	Ave	1.959	2.039		20.8	20.0	4.1	35.0
o-Xylene	Ave	1.851	1.973		10.7	10.0	6.6	35.0
Styrene	Ave	2.753	2.924		10.6	10.0	6.2	35.0
Bromoform	Lin	0.2069	0.2622	0.1000	10.5	10.0	4.6	35.0
Isopropylbenzene	Ave	4.477	4.918		11.0	10.0	9.8	35.0
Bromobenzene	Ave	1.012	1.122		11.1	10.0	10.9	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5087	0.4793	0.3000	9.42	10.0	-5.8	35.0
1,2,3-Trichloropropane	Ave	0.1535	0.1634		10.6	10.0	6.4	35.0
trans-1,4-Dichloro-2-butene	Qua	0.0343	0.0598		26.5	20.0	32.6	50.0
N-Propylbenzene	Ave	1.281	1.429		11.2	10.0	11.6	35.0
2-Chlorotoluene	Ave	1.174	1.266		10.8	10.0	7.8	35.0
4-Chlorotoluene	Ave	3.312	3.618		10.9	10.0	9.2	35.0
1,3,5-Trimethylbenzene	Ave	3.592	4.002		11.1	10.0	11.4	35.0
tert-Butylbenzene	Ave	3.269	3.675		11.2	10.0	12.4	35.0
1,2,4-Trimethylbenzene	Ave	3.490	3.836		11.0	10.0	9.9	35.0
sec-Butylbenzene	Ave	4.559	5.038		11.1	10.0	10.5	35.0
1,3-Dichlorobenzene	Ave	2.157	2.276		10.6	10.0	5.5	35.0
p-Isopropyltoluene	Ave	3.663	4.064		11.1	10.0	11.0	35.0
1,4-Dichlorobenzene	Ave	2.091	2.173		10.4	10.0	3.9	35.0
1,2-Dichlorobenzene	Ave	1.795	1.844		10.3	10.0	2.7	35.0
n-Butylbenzene	Ave	3.123	3.516		11.3	10.0	12.6	35.0
1,2-Dibromo-3-Chloropropane	Lin1	0.0433	0.0384		7.44	10.0	-25.6	35.0
1,2,4-Trichlorobenzene	Lin1	0.7660	0.8033		9.27	10.0	-7.3	35.0
Hexachlorobutadiene	Ave	0.2824	0.3258		11.5	10.0	15.4	35.0
Naphthalene	Lin1	0.8243	1.053		10.9	10.0	9.0	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-76796-1
SDG No.: _____
Lab Sample ID: CCVIS 600-112020/2 Calibration Date: 07/31/2013 09:40
Instrument ID: VOAMS07 Calib Start Date: 06/25/2013 10:19
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 06/25/2013 12:42
Lab File ID: A21201.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.5805	0.5009		8.63	10.0	-13.7	35.0
Dibromofluoromethane	Ave	0.5287	0.5657		10.7	10.0	7.0	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4062	0.4582		11.3	10.0	12.8	35.0
Toluene-d8 (Surr)	Ave	4.097	4.214		10.3	10.0	2.9	35.0
4-Bromofluorobenzene	Ave	1.119	1.218		10.9	10.0	8.9	35.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111710/4

Matrix: Water Lab File ID: A20704.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 14:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111710/4

Matrix: Water Lab File ID: A20704.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 14:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		67-139
1868-53-7	Dibromofluoromethane	85		62-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111811/4

Matrix: Water Lab File ID: A21004.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 14:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111811/4

Matrix: Water Lab File ID: A21004.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 14:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	96		67-139
1868-53-7	Dibromofluoromethane	84		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111958/4

Matrix: Water Lab File ID: A21104.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 11:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-111958/4

Matrix: Water Lab File ID: A21104.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 11:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		67-139
1868-53-7	Dibromofluoromethane	88		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-112020/4

Matrix: Water Lab File ID: A21204.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 11:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-112020/4

Matrix: Water Lab File ID: A21204.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 11:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-111710/3

Matrix: Water Lab File ID: A20702.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 13:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	4.878		1.00	0.120
74-87-3	Chloromethane	7.724		2.00	0.180
75-01-4	Vinyl chloride	9.879		2.00	0.110
74-83-9	Bromomethane	11.18		2.00	0.250
75-00-3	Chloroethane	10.93		2.00	0.0800
75-69-4	Trichlorofluoromethane	10.70		1.00	0.0800
75-35-4	1,1-Dichloroethene	10.83		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.304		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.188		1.00	0.120
75-09-2	Methylene Chloride	8.633		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.969		1.00	0.0600
78-93-3	2-Butanone (MEK)	15.51		2.00	0.760
74-97-5	Bromochloromethane	8.217		1.00	0.180
56-23-5	Carbon tetrachloride	10.61		1.00	0.150
71-43-2	Benzene	9.646		1.00	0.0800
107-06-2	1,2-Dichloroethane	10.20		1.00	0.140
79-01-6	Trichloroethene	9.965		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.37		1.00	0.150
75-34-3	1,1-Dichloroethane	9.189		1.00	0.110
78-87-5	1,2-Dichloropropane	9.213		1.00	0.160
594-20-7	2,2-Dichloropropane	9.874		1.00	0.130
74-95-3	Dibromomethane	9.629		1.00	0.520
67-66-3	Chloroform	8.762		1.00	0.130
75-27-4	Bromodichloromethane	9.862		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	7.614		2.00	0.500
563-58-6	1,1-Dichloropropene	9.119		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	7.734		1.00	0.180
108-88-3	Toluene	9.229		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	8.662		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.250		1.00	0.280
127-18-4	Tetrachloroethene	9.284		1.00	0.130
142-28-9	1,3-Dichloropropane	9.263		1.00	0.220
124-48-1	Chlorodibromomethane	8.600		1.00	0.150
106-93-4	1,2-Dibromoethane	9.222		1.00	0.180
108-90-7	Chlorobenzene	8.455		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.553		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-111710/3

Matrix: Water Lab File ID: A20702.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 13:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.156		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.57		1.00	0.170
1330-20-7	Xylenes, Total	27.42		1.00	0.260
95-47-6	o-Xylene	8.845		1.00	0.120
100-42-5	Styrene	9.206		1.00	0.0700
75-25-2	Bromoform	8.068		1.00	0.190
98-82-8	Isopropylbenzene	9.529		1.00	0.180
108-86-1	Bromobenzene	9.638		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.289		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	8.991		1.00	0.220
103-65-1	N-Propylbenzene	9.691		1.00	0.150
95-49-8	2-Chlorotoluene	9.027		1.00	0.130
106-43-4	4-Chlorotoluene	9.803		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.615		1.00	0.100
98-06-6	tert-Butylbenzene	10.28		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.74		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.694		1.00	0.140
135-98-8	sec-Butylbenzene	9.695		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.096		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.861		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.306		1.00	0.100
104-51-8	n-Butylbenzene	10.46		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	8.096		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.533		1.00	0.310
87-68-3	Hexachlorobutadiene	9.450		1.00	0.170
91-20-3	Naphthalene	10.80		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	11.03		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		67-139
1868-53-7	Dibromofluoromethane	99		62-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 600-111811/5
 Matrix: Water Lab File ID: A21002.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 12:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.120		1.00	0.120
74-87-3	Chloromethane	6.897		2.00	0.180
75-01-4	Vinyl chloride	7.141		2.00	0.110
74-83-9	Bromomethane	7.601		2.00	0.250
75-00-3	Chloroethane	7.204		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.697		1.00	0.0800
75-35-4	1,1-Dichloroethene	8.947		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.173		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.985		1.00	0.120
75-09-2	Methylene Chloride	7.038		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.977		1.00	0.0600
78-93-3	2-Butanone (MEK)	17.87		2.00	0.760
74-97-5	Bromochloromethane	8.697		1.00	0.180
56-23-5	Carbon tetrachloride	12.73		1.00	0.150
71-43-2	Benzene	9.717		1.00	0.0800
107-06-2	1,2-Dichloroethane	11.14		1.00	0.140
79-01-6	Trichloroethene	11.28		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.99		1.00	0.150
75-34-3	1,1-Dichloroethane	10.60		1.00	0.110
78-87-5	1,2-Dichloropropane	9.792		1.00	0.160
594-20-7	2,2-Dichloropropane	12.91		1.00	0.130
74-95-3	Dibromomethane	9.992		1.00	0.520
67-66-3	Chloroform	9.604		1.00	0.130
75-27-4	Bromodichloromethane	11.07		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	9.457		2.00	0.500
563-58-6	1,1-Dichloropropene	10.36		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	9.013		1.00	0.180
108-88-3	Toluene	9.945		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	10.25		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.41		1.00	0.280
127-18-4	Tetrachloroethene	11.32		1.00	0.130
142-28-9	1,3-Dichloropropane	10.09		1.00	0.220
124-48-1	Chlorodibromomethane	10.71		1.00	0.150
106-93-4	1,2-Dibromoethane	10.57		1.00	0.180
108-90-7	Chlorobenzene	9.340		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	11.34		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-111811/5

Matrix: Water Lab File ID: A21002.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 12:43

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10.26		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.86		1.00	0.170
1330-20-7	Xylenes, Total	29.43		1.00	0.260
95-47-6	o-Xylene	9.568		1.00	0.120
100-42-5	Styrene	10.11		1.00	0.0700
75-25-2	Bromoform	10.31		1.00	0.190
98-82-8	Isopropylbenzene	9.792		1.00	0.180
108-86-1	Bromobenzene	10.55		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.824		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.042		1.00	0.220
103-65-1	N-Propylbenzene	9.997		1.00	0.150
95-49-8	2-Chlorotoluene	9.161		1.00	0.130
106-43-4	4-Chlorotoluene	9.850		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.726		1.00	0.100
98-06-6	tert-Butylbenzene	10.84		1.00	0.0800
99-87-6	p-Isopropyltoluene	11.18		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.893		1.00	0.140
135-98-8	sec-Butylbenzene	9.795		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.801		1.00	0.130
106-46-7	1,4-Dichlorobenzene	10.00		1.00	0.110
95-50-1	1,2-Dichlorobenzene	10.03		1.00	0.100
104-51-8	n-Butylbenzene	10.52		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	10.03		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	11.75		1.00	0.310
87-68-3	Hexachlorobutadiene	11.98		1.00	0.170
91-20-3	Naphthalene	12.12		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	13.75		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	98		67-139
1868-53-7	Dibromofluoromethane	88		62-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-111958/3

Matrix: Water Lab File ID: A21102.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 10:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10.58		1.00	0.120
74-87-3	Chloromethane	7.605		2.00	0.180
75-01-4	Vinyl chloride	7.643		2.00	0.110
74-83-9	Bromomethane	8.101		2.00	0.250
75-00-3	Chloroethane	8.183		2.00	0.0800
75-69-4	Trichlorofluoromethane	9.274		1.00	0.0800
75-35-4	1,1-Dichloroethene	9.840		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.382		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.489		1.00	0.120
75-09-2	Methylene Chloride	7.256		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.093		1.00	0.0600
78-93-3	2-Butanone (MEK)	17.71		2.00	0.760
74-97-5	Bromochloromethane	8.717		1.00	0.180
56-23-5	Carbon tetrachloride	12.80		1.00	0.150
71-43-2	Benzene	9.768		1.00	0.0800
107-06-2	1,2-Dichloroethane	11.46		1.00	0.140
79-01-6	Trichloroethene	11.08		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.91		1.00	0.150
75-34-3	1,1-Dichloroethane	10.58		1.00	0.110
78-87-5	1,2-Dichloropropane	9.476		1.00	0.160
594-20-7	2,2-Dichloropropane	12.08		1.00	0.130
74-95-3	Dibromomethane	10.18		1.00	0.520
67-66-3	Chloroform	9.170		1.00	0.130
75-27-4	Bromodichloromethane	10.64		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	8.645		2.00	0.500
563-58-6	1,1-Dichloropropene	10.14		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.294		1.00	0.180
108-88-3	Toluene	9.630		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.216		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.305		1.00	0.280
127-18-4	Tetrachloroethene	10.85		1.00	0.130
142-28-9	1,3-Dichloropropane	9.480		1.00	0.220
124-48-1	Chlorodibromomethane	9.609		1.00	0.150
106-93-4	1,2-Dibromoethane	9.869		1.00	0.180
108-90-7	Chlorobenzene	9.292		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	11.04		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-111958/3

Matrix: Water Lab File ID: A21102.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 10:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.958		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.71		1.00	0.170
1330-20-7	Xylenes, Total	29.28		1.00	0.260
95-47-6	o-Xylene	9.574		1.00	0.120
100-42-5	Styrene	9.998		1.00	0.0700
75-25-2	Bromoform	9.732		1.00	0.190
98-82-8	Isopropylbenzene	9.937		1.00	0.180
108-86-1	Bromobenzene	10.41		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.902		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	8.942		1.00	0.220
103-65-1	N-Propylbenzene	10.15		1.00	0.150
95-49-8	2-Chlorotoluene	9.492		1.00	0.130
106-43-4	4-Chlorotoluene	10.07		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.967		1.00	0.100
98-06-6	tert-Butylbenzene	11.07		1.00	0.0800
99-87-6	p-Isopropyltoluene	11.35		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	10.14		1.00	0.140
135-98-8	sec-Butylbenzene	10.08		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.791		1.00	0.130
106-46-7	1,4-Dichlorobenzene	10.06		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.838		1.00	0.100
104-51-8	n-Butylbenzene	10.64		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	9.654		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.959		1.00	0.310
87-68-3	Hexachlorobutadiene	11.66		1.00	0.170
91-20-3	Naphthalene	11.29		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	11.48		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	100		67-139
1868-53-7	Dibromofluoromethane	93		62-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-112020/3

Matrix: Water Lab File ID: A21202.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 10:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	11.96		1.00	0.120
74-87-3	Chloromethane	8.890		2.00	0.180
75-01-4	Vinyl chloride	8.785		2.00	0.110
74-83-9	Bromomethane	9.273		2.00	0.250
75-00-3	Chloroethane	9.401		2.00	0.0800
75-69-4	Trichlorofluoromethane	9.945		1.00	0.0800
75-35-4	1,1-Dichloroethene	10.48		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.608		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.850		1.00	0.120
75-09-2	Methylene Chloride	8.833		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.667		1.00	0.0600
78-93-3	2-Butanone (MEK)	17.77		2.00	0.760
74-97-5	Bromochloromethane	9.167		1.00	0.180
56-23-5	Carbon tetrachloride	13.30		1.00	0.150
71-43-2	Benzene	9.885		1.00	0.0800
107-06-2	1,2-Dichloroethane	11.58		1.00	0.140
79-01-6	Trichloroethene	10.92		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.80		1.00	0.150
75-34-3	1,1-Dichloroethane	10.57		1.00	0.110
78-87-5	1,2-Dichloropropane	9.729		1.00	0.160
594-20-7	2,2-Dichloropropane	12.46		1.00	0.130
74-95-3	Dibromomethane	10.34		1.00	0.520
67-66-3	Chloroform	9.033		1.00	0.130
75-27-4	Bromodichloromethane	10.37		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	8.952		2.00	0.500
563-58-6	1,1-Dichloropropene	9.553		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.409		1.00	0.180
108-88-3	Toluene	9.462		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.789		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.317		1.00	0.280
127-18-4	Tetrachloroethene	10.80		1.00	0.130
142-28-9	1,3-Dichloropropane	9.595		1.00	0.220
124-48-1	Chlorodibromomethane	10.36		1.00	0.150
106-93-4	1,2-Dibromoethane	10.41		1.00	0.180
108-90-7	Chlorobenzene	9.533		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	11.36		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-112020/3

Matrix: Water Lab File ID: A21202.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 07/31/2013 10:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 112020 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10.17		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.97		1.00	0.170
1330-20-7	Xylenes, Total	29.82		1.00	0.260
95-47-6	o-Xylene	9.850		1.00	0.120
100-42-5	Styrene	10.39		1.00	0.0700
75-25-2	Bromoform	10.49		1.00	0.190
98-82-8	Isopropylbenzene	9.796		1.00	0.180
108-86-1	Bromobenzene	10.47		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.889		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.066		1.00	0.220
103-65-1	N-Propylbenzene	10.21		1.00	0.150
95-49-8	2-Chlorotoluene	9.285		1.00	0.130
106-43-4	4-Chlorotoluene	10.05		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.992		1.00	0.100
98-06-6	tert-Butylbenzene	11.09		1.00	0.0800
99-87-6	p-Isopropyltoluene	11.57		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	10.18		1.00	0.140
135-98-8	sec-Butylbenzene	10.12		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.858		1.00	0.130
106-46-7	1,4-Dichlorobenzene	10.10		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.655		1.00	0.100
104-51-8	n-Butylbenzene	10.72		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	9.744		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.994		1.00	0.310
87-68-3	Hexachlorobutadiene	11.39		1.00	0.170
91-20-3	Naphthalene	11.55		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	11.01		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	97		67-139
1868-53-7	Dibromofluoromethane	92		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 MS Lab Sample ID: 600-76796-1 MS

Matrix: Water Lab File ID: A20709.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 17:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	14.91		1.00	0.120
74-87-3	Chloromethane	5.365		2.00	0.180
75-01-4	Vinyl chloride	8.328		2.00	0.110
74-83-9	Bromomethane	10.48		2.00	0.250
75-00-3	Chloroethane	11.28		2.00	0.0800
75-69-4	Trichlorofluoromethane	11.43		1.00	0.0800
75-35-4	1,1-Dichloroethene	19.95		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.869		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.024		1.00	0.120
75-09-2	Methylene Chloride	6.435		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.143		1.00	0.0600
78-93-3	2-Butanone (MEK)	15.23		2.00	0.760
74-97-5	Bromochloromethane	8.432		1.00	0.180
56-23-5	Carbon tetrachloride	10.63		1.00	0.150
71-43-2	Benzene	9.509		1.00	0.0800
107-06-2	1,2-Dichloroethane	9.913		1.00	0.140
79-01-6	Trichloroethene	11.71		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.54		1.00	0.150
75-34-3	1,1-Dichloroethane	10.74		1.00	0.110
78-87-5	1,2-Dichloropropane	9.269		1.00	0.160
594-20-7	2,2-Dichloropropane	10.30		1.00	0.130
74-95-3	Dibromomethane	9.441		1.00	0.520
67-66-3	Chloroform	8.456		1.00	0.130
75-27-4	Bromodichloromethane	9.797		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	9.426		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.029		1.00	0.180
108-88-3	Toluene	9.291		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	8.245		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.137		1.00	0.280
127-18-4	Tetrachloroethene	17.08		1.00	0.130
142-28-9	1,3-Dichloropropane	9.214		1.00	0.220
124-48-1	Chlorodibromomethane	8.629		1.00	0.150
106-93-4	1,2-Dibromoethane	9.079		1.00	0.180
108-90-7	Chlorobenzene	8.685		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.688		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 MS Lab Sample ID: 600-76796-1 MS

Matrix: Water Lab File ID: A20709.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 17:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.459		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.39		1.00	0.170
1330-20-7	Xylenes, Total	28.56		1.00	0.260
95-47-6	o-Xylene	9.168		1.00	0.120
100-42-5	Styrene	7.248		1.00	0.0700
75-25-2	Bromoform	8.212		1.00	0.190
98-82-8	Isopropylbenzene	9.373		1.00	0.180
108-86-1	Bromobenzene	9.539		1.00	0.190
96-18-4	1,2,3-Trichloropropane	8.714		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	8.623		1.00	0.220
103-65-1	N-Propylbenzene	9.694		1.00	0.150
95-49-8	2-Chlorotoluene	8.801		1.00	0.130
106-43-4	4-Chlorotoluene	9.513		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.483		1.00	0.100
98-06-6	tert-Butylbenzene	10.33		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.74		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.753		1.00	0.140
135-98-8	sec-Butylbenzene	9.632		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.883		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.403		1.00	0.110
95-50-1	1,2-Dichlorobenzene	8.681		1.00	0.100
104-51-8	n-Butylbenzene	10.44		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	6.465		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	7.527		1.00	0.310
87-68-3	Hexachlorobutadiene	9.464		1.00	0.170
91-20-3	Naphthalene	7.235		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	8.056		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	94		67-139
1868-53-7	Dibromofluoromethane	94		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-3Q2013 MS DL Lab Sample ID: 600-76796-2 MS DL

Matrix: Water Lab File ID: A21111.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:15

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 15:10

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	99.76		10.0	1.20
74-87-3	Chloromethane	65.19		20.0	1.80
75-01-4	Vinyl chloride	75.08		20.0	1.10
74-83-9	Bromomethane	72.77		20.0	2.50
75-00-3	Chloroethane	75.91		20.0	0.800
75-69-4	Trichlorofluoromethane	84.56		10.0	0.800
75-35-4	1,1-Dichloroethene	91.53		10.0	1.90
156-60-5	trans-1,2-Dichloroethene	91.05		10.0	0.900
1634-04-4	Methyl tert-butyl ether	94.88		10.0	1.20
75-09-2	Methylene Chloride	79.39		50.0	1.50
156-59-2	cis-1,2-Dichloroethene	120.1		10.0	0.600
78-93-3	2-Butanone (MEK)	178.0		20.0	7.60
74-97-5	Bromochloromethane	85.07		10.0	1.80
56-23-5	Carbon tetrachloride	114.2		10.0	1.50
71-43-2	Benzene	98.16		10.0	0.800
107-06-2	1,2-Dichloroethane	110.3		10.0	1.40
79-01-6	Trichloroethene	105.4		10.0	1.80
71-55-6	1,1,1-Trichloroethane	108.6		10.0	1.50
75-34-3	1,1-Dichloroethane	119.4		10.0	1.10
78-87-5	1,2-Dichloropropane	94.10		10.0	1.60
594-20-7	2,2-Dichloropropane	104.2		10.0	1.30
74-95-3	Dibromomethane	96.38		10.0	5.20
67-66-3	Chloroform	92.10		10.0	1.30
75-27-4	Bromodichloromethane	101.7		10.0	1.60
110-75-8	2-Chloroethyl vinyl ether	5.00	U	20.0	5.00
563-58-6	1,1-Dichloropropene	97.28		10.0	2.10
10061-01-5	cis-1,3-Dichloropropene	77.32		10.0	1.80
108-88-3	Toluene	94.24		10.0	1.50
10061-02-6	trans-1,3-Dichloropropene	86.51		10.0	2.10
79-00-5	1,1,2-Trichloroethane	95.00		10.0	2.80
127-18-4	Tetrachloroethene	104.6		10.0	1.30
142-28-9	1,3-Dichloropropane	95.92		10.0	2.20
124-48-1	Chlorodibromomethane	94.87		10.0	1.50
106-93-4	1,2-Dibromoethane	94.58		10.0	1.80
108-90-7	Chlorobenzene	90.11		10.0	1.20
630-20-6	1,1,1,2-Tetrachloroethane	102.9		10.0	1.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-3Q2013 MS DL Lab Sample ID: 600-76796-2 MS DL

Matrix: Water Lab File ID: A21111.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:15

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 15:10

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	254.5		10.0	1.10
179601-23-1	m-Xylene & p-Xylene	244.3		10.0	1.70
1330-20-7	Xylenes, Total	337.1		10.0	2.60
95-47-6	o-Xylene	92.75		10.0	1.20
100-42-5	Styrene	95.60		10.0	0.700
75-25-2	Bromoform	88.17		10.0	1.90
98-82-8	Isopropylbenzene	186.8		10.0	1.80
108-86-1	Bromobenzene	95.44		10.0	1.90
96-18-4	1,2,3-Trichloropropane	89.42		10.0	2.90
79-34-5	1,1,2,2-Tetrachloroethane	85.52		10.0	2.20
103-65-1	N-Propylbenzene	236.9		10.0	1.50
95-49-8	2-Chlorotoluene	86.99		10.0	1.30
106-43-4	4-Chlorotoluene	92.70		10.0	1.40
108-67-8	1,3,5-Trimethylbenzene	94.32		10.0	1.00
98-06-6	tert-Butylbenzene	103.9		10.0	0.800
99-87-6	p-Isopropyltoluene	107.0		10.0	1.00
95-63-6	1,2,4-Trimethylbenzene	362.6		10.0	1.40
135-98-8	sec-Butylbenzene	99.79		10.0	1.20
541-73-1	1,3-Dichlorobenzene	89.73		10.0	1.30
106-46-7	1,4-Dichlorobenzene	91.13		10.0	1.10
95-50-1	1,2-Dichlorobenzene	90.71		10.0	1.00
104-51-8	n-Butylbenzene	106.6		10.0	1.60
96-12-8	1,2-Dibromo-3-Chloropropane	79.99		10.0	8.10
120-82-1	1,2,4-Trichlorobenzene	93.01		10.0	3.10
87-68-3	Hexachlorobutadiene	104.2		10.0	1.70
91-20-3	Naphthalene	176.7		20.0	3.20
87-61-6	1,2,3-Trichlorobenzene	93.06		10.0	5.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	93		67-139
1868-53-7	Dibromofluoromethane	87		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 MS Lab Sample ID: 600-76796-17 MS

Matrix: Water Lab File ID: A21009.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 16:32

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.137		1.00	0.120
74-87-3	Chloromethane	6.640		2.00	0.180
75-01-4	Vinyl chloride	7.009		2.00	0.110
74-83-9	Bromomethane	7.085		2.00	0.250
75-00-3	Chloroethane	7.124		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.125		1.00	0.0800
75-35-4	1,1-Dichloroethene	10.11		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.735		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.461		1.00	0.120
75-09-2	Methylene Chloride	6.378		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.910		1.00	0.0600
78-93-3	2-Butanone (MEK)	18.79		2.00	0.760
74-97-5	Bromochloromethane	8.360		1.00	0.180
56-23-5	Carbon tetrachloride	11.76		1.00	0.150
71-43-2	Benzene	9.487		1.00	0.0800
107-06-2	1,2-Dichloroethane	10.76		1.00	0.140
79-01-6	Trichloroethene	10.92		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.21		1.00	0.150
75-34-3	1,1-Dichloroethane	12.17		1.00	0.110
78-87-5	1,2-Dichloropropane	9.334		1.00	0.160
594-20-7	2,2-Dichloropropane	11.39		1.00	0.130
74-95-3	Dibromomethane	9.398		1.00	0.520
67-66-3	Chloroform	9.350		1.00	0.130
75-27-4	Bromodichloromethane	10.32		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	10.07		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.152		1.00	0.180
108-88-3	Toluene	9.522		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	8.968		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.419		1.00	0.280
127-18-4	Tetrachloroethene	11.89		1.00	0.130
142-28-9	1,3-Dichloropropane	9.421		1.00	0.220
124-48-1	Chlorodibromomethane	9.503		1.00	0.150
106-93-4	1,2-Dibromoethane	9.706		1.00	0.180
108-90-7	Chlorobenzene	8.996		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	10.69		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 MS Lab Sample ID: 600-76796-17 MS

Matrix: Water Lab File ID: A21009.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 16:32

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10.60		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.40		1.00	0.170
1330-20-7	Xylenes, Total	28.71		1.00	0.260
95-47-6	o-Xylene	9.311		1.00	0.120
100-42-5	Styrene	9.244		1.00	0.0700
75-25-2	Bromoform	9.210		1.00	0.190
98-82-8	Isopropylbenzene	10.04		1.00	0.180
108-86-1	Bromobenzene	9.989		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.248		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	8.566		1.00	0.220
103-65-1	N-Propylbenzene	10.91		1.00	0.150
95-49-8	2-Chlorotoluene	9.040		1.00	0.130
106-43-4	4-Chlorotoluene	9.484		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.534		1.00	0.100
98-06-6	tert-Butylbenzene	10.67		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.78		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	12.87		1.00	0.140
135-98-8	sec-Butylbenzene	9.614		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.316		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.673		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.378		1.00	0.100
104-51-8	n-Butylbenzene	10.43		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	8.714		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	10.53		1.00	0.310
87-68-3	Hexachlorobutadiene	11.05		1.00	0.170
91-20-3	Naphthalene	25.03		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	10.42		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	92		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 MSD Lab Sample ID: 600-76796-1 MSD

Matrix: Water Lab File ID: A20710.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 17:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	15.36		1.00	0.120
74-87-3	Chloromethane	5.255		2.00	0.180
75-01-4	Vinyl chloride	7.852		2.00	0.110
74-83-9	Bromomethane	9.959		2.00	0.250
75-00-3	Chloroethane	10.64		2.00	0.0800
75-69-4	Trichlorofluoromethane	11.40		1.00	0.0800
75-35-4	1,1-Dichloroethene	18.89		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.414		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.015		1.00	0.120
75-09-2	Methylene Chloride	6.084		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.676		1.00	0.0600
78-93-3	2-Butanone (MEK)	16.08		2.00	0.760
74-97-5	Bromochloromethane	8.429		1.00	0.180
56-23-5	Carbon tetrachloride	10.50		1.00	0.150
71-43-2	Benzene	9.238		1.00	0.0800
107-06-2	1,2-Dichloroethane	9.897		1.00	0.140
79-01-6	Trichloroethene	11.37		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.09		1.00	0.150
75-34-3	1,1-Dichloroethane	10.22		1.00	0.110
78-87-5	1,2-Dichloropropane	8.861		1.00	0.160
594-20-7	2,2-Dichloropropane	10.17		1.00	0.130
74-95-3	Dibromomethane	10.16		1.00	0.520
67-66-3	Chloroform	8.444		1.00	0.130
75-27-4	Bromodichloromethane	9.809		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	9.419		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.156		1.00	0.180
108-88-3	Toluene	9.061		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	8.255		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.217		1.00	0.280
127-18-4	Tetrachloroethene	17.07		1.00	0.130
142-28-9	1,3-Dichloropropane	8.945		1.00	0.220
124-48-1	Chlorodibromomethane	8.465		1.00	0.150
106-93-4	1,2-Dibromoethane	8.634		1.00	0.180
108-90-7	Chlorobenzene	8.541		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.568		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-3Q2013 MSD Lab Sample ID: 600-76796-1 MSD

Matrix: Water Lab File ID: A20710.D

Analysis Method: 8260B Date Collected: 07/23/2013 16:20

Sample wt/vol: 20 (mL) Date Analyzed: 07/26/2013 17:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.354		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.71		1.00	0.170
1330-20-7	Xylenes, Total	27.60		1.00	0.260
95-47-6	o-Xylene	8.893		1.00	0.120
100-42-5	Styrene	4.619		1.00	0.0700
75-25-2	Bromoform	8.175		1.00	0.190
98-82-8	Isopropylbenzene	9.161		1.00	0.180
108-86-1	Bromobenzene	9.612		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.402		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	8.880		1.00	0.220
103-65-1	N-Propylbenzene	9.340		1.00	0.150
95-49-8	2-Chlorotoluene	8.727		1.00	0.130
106-43-4	4-Chlorotoluene	9.382		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.395		1.00	0.100
98-06-6	tert-Butylbenzene	10.25		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.77		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.535		1.00	0.140
135-98-8	sec-Butylbenzene	9.642		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.173		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.778		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.003		1.00	0.100
104-51-8	n-Butylbenzene	10.31		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	9.006		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.588		1.00	0.310
87-68-3	Hexachlorobutadiene	9.998		1.00	0.170
91-20-3	Naphthalene	9.705		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	11.69		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	95		67-139
1868-53-7	Dibromofluoromethane	94		62-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-3Q2013 MSD Lab Sample ID: 600-76796-2 MSD DL

Matrix: Water Lab File ID: A21112.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:15

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 15:38

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	88.45		10.0	1.20
74-87-3	Chloromethane	64.85		20.0	1.80
75-01-4	Vinyl chloride	73.79		20.0	1.10
74-83-9	Bromomethane	71.47		20.0	2.50
75-00-3	Chloroethane	79.88		20.0	0.800
75-69-4	Trichlorofluoromethane	81.79		10.0	0.800
75-35-4	1,1-Dichloroethene	96.80		10.0	1.90
156-60-5	trans-1,2-Dichloroethene	92.72		10.0	0.900
1634-04-4	Methyl tert-butyl ether	101.7		10.0	1.20
75-09-2	Methylene Chloride	83.80		50.0	1.50
156-59-2	cis-1,2-Dichloroethene	123.6		10.0	0.600
78-93-3	2-Butanone (MEK)	195.5		20.0	7.60
74-97-5	Bromochloromethane	88.93		10.0	1.80
56-23-5	Carbon tetrachloride	120.7		10.0	1.50
71-43-2	Benzene	103.8		10.0	0.800
107-06-2	1,2-Dichloroethane	108.0		10.0	1.40
79-01-6	Trichloroethene	108.9		10.0	1.80
71-55-6	1,1,1-Trichloroethane	112.8		10.0	1.50
75-34-3	1,1-Dichloroethane	125.9		10.0	1.10
78-87-5	1,2-Dichloropropane	99.32		10.0	1.60
594-20-7	2,2-Dichloropropane	110.6		10.0	1.30
74-95-3	Dibromomethane	102.8		10.0	5.20
67-66-3	Chloroform	97.13		10.0	1.30
75-27-4	Bromodichloromethane	107.4		10.0	1.60
110-75-8	2-Chloroethyl vinyl ether	5.00	U	20.0	5.00
563-58-6	1,1-Dichloropropene	101.0		10.0	2.10
10061-01-5	cis-1,3-Dichloropropene	81.27		10.0	1.80
108-88-3	Toluene	98.69		10.0	1.50
10061-02-6	trans-1,3-Dichloropropene	91.33		10.0	2.10
79-00-5	1,1,2-Trichloroethane	96.92		10.0	2.80
127-18-4	Tetrachloroethene	108.7		10.0	1.30
142-28-9	1,3-Dichloropropane	99.49		10.0	2.20
124-48-1	Chlorodibromomethane	98.85		10.0	1.50
106-93-4	1,2-Dibromoethane	96.62		10.0	1.80
108-90-7	Chlorobenzene	91.81		10.0	1.20
630-20-6	1,1,1,2-Tetrachloroethane	108.2		10.0	1.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-3Q2013 MSD Lab Sample ID: 600-76796-2 MSD DL

Matrix: Water Lab File ID: A21112.D

Analysis Method: 8260B Date Collected: 07/23/2013 13:15

Sample wt/vol: 20 (mL) Date Analyzed: 07/30/2013 15:38

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	253.8		10.0	1.10
179601-23-1	m-Xylene & p-Xylene	250.9		10.0	1.70
1330-20-7	Xylenes, Total	346.1		10.0	2.60
95-47-6	o-Xylene	95.19		10.0	1.20
100-42-5	Styrene	97.99		10.0	0.700
75-25-2	Bromoform	95.56		10.0	1.90
98-82-8	Isopropylbenzene	190.4		10.0	1.80
108-86-1	Bromobenzene	105.6		10.0	1.90
96-18-4	1,2,3-Trichloropropane	101.2		10.0	2.90
79-34-5	1,1,2,2-Tetrachloroethane	90.83		10.0	2.20
103-65-1	N-Propylbenzene	239.3		10.0	1.50
95-49-8	2-Chlorotoluene	92.06		10.0	1.30
106-43-4	4-Chlorotoluene	98.40		10.0	1.40
108-67-8	1,3,5-Trimethylbenzene	97.88		10.0	1.00
98-06-6	tert-Butylbenzene	108.4		10.0	0.800
99-87-6	p-Isopropyltoluene	111.4		10.0	1.00
95-63-6	1,2,4-Trimethylbenzene	367.8		10.0	1.40
135-98-8	sec-Butylbenzene	103.8		10.0	1.20
541-73-1	1,3-Dichlorobenzene	96.72		10.0	1.30
106-46-7	1,4-Dichlorobenzene	100.8		10.0	1.10
95-50-1	1,2-Dichlorobenzene	98.67		10.0	1.00
104-51-8	n-Butylbenzene	112.7		10.0	1.60
96-12-8	1,2-Dibromo-3-Chloropropane	109.5		10.0	8.10
120-82-1	1,2,4-Trichlorobenzene	115.8		10.0	3.10
87-68-3	Hexachlorobutadiene	115.7		10.0	1.70
91-20-3	Naphthalene	213.1		20.0	3.20
87-61-6	1,2,3-Trichlorobenzene	125.7		10.0	5.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	93		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 MSD Lab Sample ID: 600-76796-17 MSD

Matrix: Water Lab File ID: A21010.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 17:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.821		1.00	0.120
74-87-3	Chloromethane	7.155		2.00	0.180
75-01-4	Vinyl chloride	7.584		2.00	0.110
74-83-9	Bromomethane	7.673		2.00	0.250
75-00-3	Chloroethane	7.833		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.431		1.00	0.0800
75-35-4	1,1-Dichloroethene	11.08		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.268		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	10.10		1.00	0.120
75-09-2	Methylene Chloride	6.770		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.281		1.00	0.0600
78-93-3	2-Butanone (MEK)	20.29		2.00	0.760
74-97-5	Bromochloromethane	9.180		1.00	0.180
56-23-5	Carbon tetrachloride	12.46		1.00	0.150
71-43-2	Benzene	10.07		1.00	0.0800
107-06-2	1,2-Dichloroethane	11.73		1.00	0.140
79-01-6	Trichloroethene	11.57		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.67		1.00	0.150
75-34-3	1,1-Dichloroethane	12.66		1.00	0.110
78-87-5	1,2-Dichloropropane	9.902		1.00	0.160
594-20-7	2,2-Dichloropropane	12.17		1.00	0.130
74-95-3	Dibromomethane	10.26		1.00	0.520
67-66-3	Chloroform	9.360		1.00	0.130
75-27-4	Bromodichloromethane	10.55		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	10.08		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.440		1.00	0.180
108-88-3	Toluene	9.784		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.544		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.803		1.00	0.280
127-18-4	Tetrachloroethene	12.12		1.00	0.130
142-28-9	1,3-Dichloropropane	9.859		1.00	0.220
124-48-1	Chlorodibromomethane	10.06		1.00	0.150
106-93-4	1,2-Dibromoethane	10.18		1.00	0.180
108-90-7	Chlorobenzene	9.478		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	11.26		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-3Q2013 MSD Lab Sample ID: 600-76796-17 MSD

Matrix: Water Lab File ID: A21010.D

Analysis Method: 8260B Date Collected: 07/24/2013 09:55

Sample wt/vol: 20 (mL) Date Analyzed: 07/29/2013 17:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 111811 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10.31		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.93		1.00	0.170
1330-20-7	Xylenes, Total	29.58		1.00	0.260
95-47-6	o-Xylene	9.645		1.00	0.120
100-42-5	Styrene	9.527		1.00	0.0700
75-25-2	Bromoform	10.20		1.00	0.190
98-82-8	Isopropylbenzene	9.948		1.00	0.180
108-86-1	Bromobenzene	10.40		1.00	0.190
96-18-4	1,2,3-Trichloropropane	10.15		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.021		1.00	0.220
103-65-1	N-Propylbenzene	10.24		1.00	0.150
95-49-8	2-Chlorotoluene	9.476		1.00	0.130
106-43-4	4-Chlorotoluene	9.742		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.683		1.00	0.100
98-06-6	tert-Butylbenzene	11.00		1.00	0.0800
99-87-6	p-Isopropyltoluene	11.15		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	10.49		1.00	0.140
135-98-8	sec-Butylbenzene	9.830		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.820		1.00	0.130
106-46-7	1,4-Dichlorobenzene	10.23		1.00	0.110
95-50-1	1,2-Dichlorobenzene	10.06		1.00	0.100
104-51-8	n-Butylbenzene	10.56		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	10.80		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	11.53		1.00	0.310
87-68-3	Hexachlorobutadiene	11.68		1.00	0.170
91-20-3	Naphthalene	15.90		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	13.03		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	94		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		50-134

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Instrument ID: VOAMS07 Start Date: 06/25/2013 08:51Analysis Batch Number: 109272 End Date: 06/25/2013 20:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-109272/1		06/25/2013 08:51	1	A17600.D	DB-624 0.18 (mm)
CCV 600-109272/2		06/25/2013 09:22	1		DB-624 0.18 (mm)
IC 600-109272/3		06/25/2013 10:19	1	A17603.D	DB-624 0.18 (mm)
IC 600-109272/4		06/25/2013 10:48	1	A17604.D	DB-624 0.18 (mm)
IC 600-109272/5		06/25/2013 11:17	1	A17605.D	DB-624 0.18 (mm)
ICIS 600-109272/6		06/25/2013 11:45	1	A17606.D	DB-624 0.18 (mm)
IC 600-109272/7		06/25/2013 12:14	1	A17607.D	DB-624 0.18 (mm)
IC 600-109272/8		06/25/2013 12:42	1	A17608.D	DB-624 0.18 (mm)
ZZZZZ		06/25/2013 13:39	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 14:36	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 15:05	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 15:33	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 16:02	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 16:30	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 16:59	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 17:27	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 17:56	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 18:25	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 19:22	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 19:50	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 20:18	1		DB-624 0.18 (mm)
ZZZZZ		06/25/2013 20:47	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Instrument ID: VOAMS07 Start Date: 07/26/2013 12:17Analysis Batch Number: 111710 End Date: 07/26/2013 20:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-111710/1		07/26/2013 12:17	1	A20700.D	DB-624 0.18 (mm)
CCVIS 600-111710/2		07/26/2013 12:43	1	A20701.D	DB-624 0.18 (mm)
LCS 600-111710/3		07/26/2013 13:12	1	A20702.D	DB-624 0.18 (mm)
MB 600-111710/4		07/26/2013 14:38	1	A20704.D	DB-624 0.18 (mm)
600-76796-1	ARTESIA-MW32-3Q2013	07/26/2013 15:07	1	A20705.D	DB-624 0.18 (mm)
600-76796-3	ARTESIA-MW13-3Q2013	07/26/2013 15:35	1	A20706.D	DB-624 0.18 (mm)
600-76796-1 MS	ARTESIA-MW32-3Q2013 MS	07/26/2013 17:01	1	A20709.D	DB-624 0.18 (mm)
600-76796-1 MSD	ARTESIA-MW32-3Q2013 MSD	07/26/2013 17:29	1	A20710.D	DB-624 0.18 (mm)
ZZZZZ		07/26/2013 17:58	1		DB-624 0.18 (mm)
ZZZZZ		07/26/2013 18:27	1		DB-624 0.18 (mm)
ZZZZZ		07/26/2013 18:55	1		DB-624 0.18 (mm)
600-76796-4	ARTESIA-MW30-3Q2013	07/26/2013 19:23	1	A20714.D	DB-624 0.18 (mm)
600-76796-6	ARTESIA-MW29-3Q2013	07/26/2013 19:52	1	A20715.D	DB-624 0.18 (mm)
600-76796-7	ARTESIA-MW09-3Q2013	07/26/2013 20:20	1	A20716.D	DB-624 0.18 (mm)
600-76796-8	ARTESIA-MW15-3Q2013	07/26/2013 20:49	1	A20717.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Instrument ID: VOAMS07 Start Date: 07/29/2013 09:27Analysis Batch Number: 111811 End Date: 07/29/2013 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-111811/1		07/29/2013 09:27	1	A21000.D	DB-624 0.18 (mm)
CCVIS 600-111811/2		07/29/2013 12:04	1	A21001.D	DB-624 0.18 (mm)
LCS 600-111811/5		07/29/2013 12:43	1	A21002.D	DB-624 0.18 (mm)
MB 600-111811/4		07/29/2013 14:09	1	A21004.D	DB-624 0.18 (mm)
600-76796-16	ARTESIA-DUP02-3Q2013	07/29/2013 14:37	1	A21005.D	DB-624 0.18 (mm)
600-76796-17	ARTESIA-MW21-3Q2013	07/29/2013 15:06	1	A21006.D	DB-624 0.18 (mm)
600-76796-5	ARTESIA-DUP01-3Q2013	07/29/2013 16:03	1	A21008.D	DB-624 0.18 (mm)
600-76796-17 MS	ARTESIA-MW21-3Q2013 MS	07/29/2013 16:32	1	A21009.D	DB-624 0.18 (mm)
600-76796-17 MSD	ARTESIA-MW21-3Q2013 MSD	07/29/2013 17:00	1	A21010.D	DB-624 0.18 (mm)
ZZZZZ		07/29/2013 17:29	1		DB-624 0.18 (mm)
ZZZZZ		07/29/2013 17:57	1		DB-624 0.18 (mm)
ZZZZZ		07/29/2013 18:26	1		DB-624 0.18 (mm)
ZZZZZ		07/29/2013 18:54	1		DB-624 0.18 (mm)
600-76796-9	ARTESIA-TANK01-3Q2013	07/29/2013 19:23	1	A21015.D	DB-624 0.18 (mm)
600-76796-10	ARTESIA-MW33-3Q2013	07/29/2013 19:51	1	A21016.D	DB-624 0.18 (mm)
600-76796-11	ARTESIA-MW20-3Q2013	07/29/2013 20:20	1	A21017.D	DB-624 0.18 (mm)
600-76796-12	ARTESIA-MW28-3Q2013	07/29/2013 20:48	1	A21018.D	DB-624 0.18 (mm)
600-76796-13	ARTESIA-MW27-3Q2013	07/29/2013 21:17	1	A21019.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Instrument ID: VOAMS07 Start Date: 07/30/2013 09:29Analysis Batch Number: 111958 End Date: 07/30/2013 21:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-111958/1		07/30/2013 09:29	1	A21100.D	DB-624 0.18 (mm)
CCVIS 600-111958/2		07/30/2013 09:56	1	A21101.D	DB-624 0.18 (mm)
LCS 600-111958/3		07/30/2013 10:24	1	A21102.D	DB-624 0.18 (mm)
MB 600-111958/4		07/30/2013 11:51	1	A21104.D	DB-624 0.18 (mm)
ZZZZZ		07/30/2013 12:19	1		DB-624 0.18 (mm)
600-76796-23	ARTESIA-TB01-3Q2013	07/30/2013 12:47	1	A21106.D	DB-624 0.18 (mm)
ZZZZZ		07/30/2013 13:16	1		DB-624 0.18 (mm)
ZZZZZ		07/30/2013 13:44	1		DB-624 0.18 (mm)
600-76796-2	ARTESIA-MW12-3Q2013	07/30/2013 14:13	1	A21109.D	DB-624 0.18 (mm)
600-76796-2 MS DL	ARTESIA-MW12-3Q2013 MS DL	07/30/2013 15:10	10	A21111.D	DB-624 0.18 (mm)
600-76796-2 MSD DL	ARTESIA-MW12-3Q2013 MSD DL	07/30/2013 15:38	10	A21112.D	DB-624 0.18 (mm)
600-76796-2 DL	ARTESIA-MW12-3Q2013 DL	07/30/2013 16:07	10	A21113.D	DB-624 0.18 (mm)
ZZZZZ		07/30/2013 16:35	10		DB-624 0.18 (mm)
ZZZZZ		07/30/2013 17:04	1		DB-624 0.18 (mm)
ZZZZZ		07/30/2013 17:33	1		DB-624 0.18 (mm)
600-76796-24	ARTESIA-TANK02-3Q2013	07/30/2013 18:02	1	A21117.D	DB-624 0.18 (mm)
600-76796-14	ARTESIA-MW22-3Q2013	07/30/2013 18:30	1	A21118.D	DB-624 0.18 (mm)
600-76796-15	ARTESIA-MW25-3Q2013	07/30/2013 18:59	1	A21119.D	DB-624 0.18 (mm)
600-76796-18	ARTESIA-MW31-3Q2013	07/30/2013 19:28	1	A21120.D	DB-624 0.18 (mm)
600-76796-19	ARTESIA-MW18-3Q2013	07/30/2013 19:56	1	A21121.D	DB-624 0.18 (mm)
600-76796-20	ARTESIA-MW11-3Q2013	07/30/2013 20:24	1	A21122.D	DB-624 0.18 (mm)
600-76796-21	ARTESIA-MW08-3Q2013	07/30/2013 20:53	1	A21123.D	DB-624 0.18 (mm)
600-76796-5 DL	ARTESIA-DUP01-3Q2013 DL	07/30/2013 21:21	10	A21124.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-76796-1

SDG No.: _____

Instrument ID: VOAMS07 Start Date: 07/31/2013 09:12Analysis Batch Number: 112020 End Date: 07/31/2013 21:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-112020/1		07/31/2013 09:12	1	A21200.D	DB-624 0.18 (mm)
CCVIS 600-112020/2		07/31/2013 09:40	1	A21201.D	DB-624 0.18 (mm)
LCS 600-112020/3		07/31/2013 10:09	1	A21202.D	DB-624 0.18 (mm)
MB 600-112020/4		07/31/2013 11:34	1	A21204.D	DB-624 0.18 (mm)
ZZZZZ		07/31/2013 12:02	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 12:30	1		DB-624 0.18 (mm)
600-76796-22	ARTESIA-MW26-3Q2013	07/31/2013 12:59	1	A21207.D	DB-624 0.18 (mm)
ZZZZZ		07/31/2013 13:27	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 13:56	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 14:53	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 15:22	5		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 15:50	500		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 16:19	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 16:47	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 17:15	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 17:44	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 18:12	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 18:41	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 19:10	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 19:38	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 20:06	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 20:35	1		DB-624 0.18 (mm)
ZZZZZ		07/31/2013 21:03	1		DB-624 0.18 (mm)

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica
 1-800-4-A-TEST
 1-800-428-7328

[illegible]

Phone (713) 690-4444 Fax (713) 690-5646

TestAmerica®

08/15/2013

Chain of Custody Record

TestAmerica

[illegible]

Login Sample Receipt Checklist

Client: CH2M Hill Constructors, Inc.

Job Number: 600-76796-1

Login Number: 76796

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4"$).	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

OCTOBER 2013 DATA

ANALYTICAL REPORT

Job Number: 600-81250-1

Job Description: Dowell - Artesia GWs, 10/14 - 10/16/13

For:
CH2M Hill Constructors, Inc.
14701 St. Mary's Lane
Suite 300
Houston, TX 77079-2923
Attention: Mr. John Ynfante



Approved for release.
Cathy L. Upton
Data Delivery Analyst
11/6/2013 11:28 AM

Designee for
Neil A Rodriguez, Project Manager II
6310 Rothway Street, Houston, TX, 77040
(713)690-4444
neil.rodrique@testamericainc.com
11/06/2013

cc: Mr. Rick Dobbins
Luke Hill
Jeffrey Minchak

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-09A-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.

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Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	6
Executive Summary	7
Method Summary	12
Method / Analyst Summary	13
Sample Datasheets	14
Surrogate Summary	59
QC Data Summary	62
Data Qualifiers	107
QC Association Summary	108
Lab Chronicle	110
Certification Summary	116
Organic Sample Data	117
GC/MS VOA	117
8260B_LL	117
8260B_LL QC Summary	118
8260B_LL Sample Data	169
Standards Data	214
8260B_LL ICAL Data	214
8260B_LL CCAL Data	224
Raw QC Data	239
8260B_LL Blank Data	239
8260B_LL LCS/LCSD Data	249
8260B_LL MS/MSD Data	259

Table of Contents

8260B_LL Run Logs	279
Shipping and Receiving Documents	285
Client Chain of Custody	286
Sample Receipt Checklist	288

CASE NARRATIVE

Client: CH2M Hill Constructors, Inc.

Project: Dowell - Artesia GWs, 10/14 - 10/16/13

Report Number: 600-81250-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Note: All samples that require thermal preservation are considered acceptable if the arrival temperature is within 2°C of the required temperature or method specified range. For samples with a specified temperature of 4°C, samples with a temperature ranging from just above freezing temperature of water to 6°C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

The samples were received on 10/18/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples ARTESIA-MW26-10152013 (600-81250-1), ARTESIA-MW21-10152013 (600-81250-2), ARTESIA-MW31-10152013 (600-81250-3), ARTESIA-MW25-10152013 (600-81250-4), ARTESIA-MW22-10152013 (600-81250-5), ARTESIA-MW20-10152013 (600-81250-6), ARTESIA-MW18-10152013 (600-81250-7), ARTESIA-MW07-10152013 (600-81250-8), ARTESIA-MW08-10162013 (600-81250-9), ARTESIA-MW11-10162013 (600-81250-10), ARTESIA-DUP01-10162013 (600-81250-11), ARTESIA-MW15-10142013 (600-81250-12), ARTESIA-MW01-10142013 (600-81250-13), ARTESIA-MW33-10142013 (600-81250-14), ARTESIA-MW12-10142013 (600-81250-15), ARTESIA-MW17C-10142013 (600-81250-16), ARTESIA-TB01-10142013 (600-81250-17), ARTESIA-MW32-10152013 (600-81250-18), ARTESIA-MW30-10152013 (600-81250-19), ARTESIA-DUP02-10152013 (600-81250-20), ARTESIA-MW29-10152013 (600-81250-21) and ARTESIA-MW28-10152013 (600-81250-22) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/21/2013, 10/22/2013, 10/23/2013, 10/24/2013 and 10/25/2013.

The samples were received preserved with hydrochloric acid. The requested target analyte list contains vinyl chloride, 2-chloroethyl vinyl ether and styrene, which are acid-labile compounds that degrade in an acidic medium.

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Hexachlorobutadiene were detected in method blank MB 600-118652/5 at levels that were above the method detection limit but below the reporting limit. Methylene Chloride was detected in method blanks MB 600-118680/6 and MB 600-118869/6 at a level that was above the method detection limit but below the reporting limit.

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Naphthalene were detected in method blank MB 600-118798/6 at levels that were above the method detection limit but below the reporting limit. Hexachlorobutadiene and Methylene Chloride were detected in method blank MB 600-118922/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

1,2,3-Trichlorobenzene and Naphthalene failed the recovery criteria low for the MS of sample 600-81163-2 in batch 600-118652.

Naphthalene exceeded the RPD limit for the MSD of sample 600-81163-2 in batch 600-118652.

2-Chloroethyl vinyl ether, Bromomethane and Naphthalene failed the recovery criteria low for the MS of sample ARTESIA-MW11-10162013MS (600-81250-10) in batch 600-118922.

2-Chloroethyl vinyl ether failed the recovery criteria low for the MSD of sample ARTESIA-MW11-10162013MSD (600-81250-10) in batch 600-118922. 1,2,3-Trichlorobenzene, Chloromethane, Naphthalene and Styrene exceeded the RPD limit.

1,2,3-Trichlorobenzene, Bromomethane and Naphthalene failed the recovery criteria low for the MS of sample ARTESIA-MW12-10142013MS (600-81250-15) in batch 600-118869.

2-Chloroethyl vinyl ether and Bromomethane failed the recovery criteria low for the MSD of sample ARTESIA-MW12-10142013MSD (600-81250-15) in batch 600-118869. 1,2,3-Trichlorobenzene, 2-Chloroethyl vinyl ether and Naphthalene exceeded the RPD limit.

Bromomethane and Styrene failed the recovery criteria low for the MS of sample ARTESIA-MW25-10152013MS (600-81250-4) in batch 600-118680. 2-Chloroethyl vinyl ether failed the recovery criteria high.

Several analytes failed the recovery criteria high for the MSD of sample ARTESIA-MW25-10152013MSD (600-81250-4) in batch 600-118680. Several analytes exceeded the RPD limit.

Several analytes failed the recovery criteria low for the MS of sample 600-81308-1 in batch 600-118798.

Bromomethane, Chloroethane, Chloromethane and Vinyl chloride failed the recovery criteria low for the MSD of sample 600-81308-1 in batch 600-118798. Naphthalene exceeded the RPD limit.

The associated laboratory control samples (LCSs) met acceptance criteria. Refer to the QC report for details.

The continuing calibration verification (CCV) for analytical batch 118680 recovered below control limits for Naphthalene. Per the laboratory's SOP criteria, up to six non-CCC analytes can recover up to 50%; therefore, the results have been reported and qualified.

The continuing calibration verification (CCV) for analytical batch 118869 recovered below control limits for Bromomethane and Naphthalene. Per the laboratory's SOP criteria, up to six non-CCC analytes can recover up to 50%; therefore, the results have been reported and qualified.

Sample ARTESIA-MW12-10142013 (600-81250-15)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-81250-1	ARTESIA-MW26-10152013	Water	10/15/2013 1050	10/18/2013 1000
600-81250-2	ARTESIA-MW21-10152013	Water	10/15/2013 1220	10/18/2013 1000
600-81250-3	ARTESIA-MW31-10152013	Water	10/15/2013 1305	10/18/2013 1000
600-81250-4	ARTESIA-MW25-10152013	Water	10/15/2013 1335	10/18/2013 1000
600-81250-5	ARTESIA-MW22-10152013	Water	10/15/2013 1425	10/18/2013 1000
600-81250-6	ARTESIA-MW20-10152013	Water	10/15/2013 1510	10/18/2013 1000
600-81250-7	ARTESIA-MW18-10152013	Water	10/15/2013 1545	10/18/2013 1000
600-81250-8	ARTESIA-MW07-10152013	Water	10/15/2013 1625	10/18/2013 1000
600-81250-9	ARTESIA-MW08-10162013	Water	10/16/2013 0820	10/18/2013 1000
600-81250-10	ARTESIA-MW11-10162013	Water	10/16/2013 0725	10/18/2013 1000
600-81250-10MS	ARTESIA-MW11-10162013	Water	10/16/2013 0725	10/18/2013 1000
600-81250-10MSD	ARTESIA-MW11-10162013	Water	10/16/2013 0725	10/18/2013 1000
600-81250-11	ARTESIA-DUP01-10162013	Water	10/16/2013 1100	10/18/2013 1000
600-81250-12	ARTESIA-MW15-10142013	Water	10/14/2013 1440	10/18/2013 1000
600-81250-13	ARTESIA-MW01-10142013	Water	10/14/2013 1410	10/18/2013 1000
600-81250-14	ARTESIA-MW33-10142013	Water	10/14/2013 1635	10/18/2013 1000
600-81250-15	ARTESIA-MW12-10142013	Water	10/14/2013 1520	10/18/2013 1000
600-81250-16	ARTESIA-MW17C-10142013	Water	10/14/2013 1550	10/18/2013 1000
600-81250-17	ARTESIA-TB01-10142013	Water	10/14/2013 1200	10/18/2013 1000
600-81250-18	ARTESIA-MW32-10152013	Water	10/15/2013 0655	10/18/2013 1000
600-81250-19	ARTESIA-MW30-10152013	Water	10/15/2013 0740	10/18/2013 1000
600-81250-20	ARTESIA-DUP02-10152013	Water	10/15/2013 0800	10/18/2013 1000
600-81250-21	ARTESIA-MW29-10152013	Water	10/15/2013 0945	10/18/2013 1000
600-81250-22	ARTESIA-MW28-10152013	Water	10/15/2013 1015	10/18/2013 1000

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-81250-1	ARTESIA-MW26-10152013					
Chloromethane		0.323	J	2.00	ug/L	8260B
1,1-Dichloroethene		0.711	J	1.00	ug/L	8260B
Trichloroethene		0.248	J	1.00	ug/L	8260B
1,1-Dichloroethane		0.125	J	1.00	ug/L	8260B
Tetrachloroethene		0.456	J	1.00	ug/L	8260B
600-81250-2	ARTESIA-MW21-10152013					
1,1-Dichloroethene		0.241	J	1.00	ug/L	8260B
1,1-Dichloroethane		0.607	J	1.00	ug/L	8260B
1,2-Dichloropropane		0.276	J	1.00	ug/L	8260B
Tetrachloroethene		0.499	J	1.00	ug/L	8260B
600-81250-3	ARTESIA-MW31-10152013					
1,1-Dichloroethane		1.02		1.00	ug/L	8260B
600-81250-4	ARTESIA-MW25-10152013					
1,1-Dichloroethene		21.5		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.177	J	1.00	ug/L	8260B
Benzene		0.108	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.153	J	1.00	ug/L	8260B
Trichloroethene		4.56		1.00	ug/L	8260B
1,1-Dichloroethane		6.11		1.00	ug/L	8260B
Tetrachloroethene		18.9		1.00	ug/L	8260B
600-81250-5	ARTESIA-MW22-10152013					
1,1-Dichloroethene		15.2		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.273	J	1.00	ug/L	8260B
Benzene		0.0978	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.157	J	1.00	ug/L	8260B
Trichloroethene		4.40		1.00	ug/L	8260B
1,1-Dichloroethane		5.39		1.00	ug/L	8260B
Tetrachloroethene		14.4		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-81250-6	ARTESIA-MW20-10152013					
Chloromethane		0.494	J	2.00	ug/L	8260B
Vinyl chloride		0.129	J	2.00	ug/L	8260B
1,1-Dichloroethene		2.44		1.00	ug/L	8260B
Methyl tert-butyl ether		2.14		1.00	ug/L	8260B
cis-1,2-Dichloroethene		2.86		1.00	ug/L	8260B
Benzene		0.242	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.190	J	1.00	ug/L	8260B
Trichloroethene		4.04		1.00	ug/L	8260B
1,1-Dichloroethane		12.3		1.00	ug/L	8260B
Tetrachloroethene		3.57		1.00	ug/L	8260B
Chlorobenzene		0.175	J	1.00	ug/L	8260B
600-81250-7	ARTESIA-MW18-10152013					
Chloromethane		0.219	J	2.00	ug/L	8260B
1,1-Dichloroethene		7.00		1.00	ug/L	8260B
Benzene		0.149	J	1.00	ug/L	8260B
Trichloroethene		1.52		1.00	ug/L	8260B
1,1-Dichloroethane		1.96		1.00	ug/L	8260B
Tetrachloroethene		9.60		1.00	ug/L	8260B
600-81250-8	ARTESIA-MW07-10152013					
Chloromethane		0.241	J	2.00	ug/L	8260B
1,1-Dichloroethene		0.570	J	1.00	ug/L	8260B
1,1-Dichloroethane		0.233	J	1.00	ug/L	8260B
Tetrachloroethene		0.783	J	1.00	ug/L	8260B
600-81250-9	ARTESIA-MW08-10162013					
1,1-Dichloroethene		1.33		1.00	ug/L	8260B
Methyl tert-butyl ether		0.131	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.299	J	1.00	ug/L	8260B
Trichloroethene		1.46		1.00	ug/L	8260B
1,1-Dichloroethane		2.13		1.00	ug/L	8260B
Tetrachloroethene		1.93		1.00	ug/L	8260B
600-81250-10	ARTESIA-MW11-10162013					
Chloromethane		0.209	J	2.00	ug/L	8260B
Methyl tert-butyl ether		0.282	J	1.00	ug/L	8260B
Trichloroethene		0.658	J	1.00	ug/L	8260B
1,1-Dichloroethane		1.65		1.00	ug/L	8260B
Tetrachloroethene		1.44		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-81250-11 ARTESIA-DUP01-10162013						
1,1-Dichloroethene		1.33		1.00	ug/L	8260B
Methyl tert-butyl ether		0.142	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.320	J	1.00	ug/L	8260B
Trichloroethene		1.52		1.00	ug/L	8260B
1,1-Dichloroethane		2.19		1.00	ug/L	8260B
Tetrachloroethene		1.90		1.00	ug/L	8260B
600-81250-12 ARTESIA-MW15-10142013						
trans-1,2-Dichloroethene		0.152	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		5.01		1.00	ug/L	8260B
Trichloroethene		38.4		1.00	ug/L	8260B
1,1-Dichloroethane		0.366	J	1.00	ug/L	8260B
Tetrachloroethene		1.32		1.00	ug/L	8260B
600-81250-13 ARTESIA-MW01-10142013						
sec-Butylbenzene		0.241	J	1.00	ug/L	8260B
600-81250-15 ARTESIA-MW12-10142013						
cis-1,2-Dichloroethene		21.6		1.00	ug/L	8260B
Benzene		4.46		1.00	ug/L	8260B
Trichloroethene		3.04		1.00	ug/L	8260B
1,1-Dichloroethane		17.2		1.00	ug/L	8260B
Tetrachloroethene		0.594	J	1.00	ug/L	8260B
Chlorobenzene		0.180	J	1.00	ug/L	8260B
Ethylbenzene		136		20.0	ug/L	8260B
m-Xylene & p-Xylene		51.5		1.00	ug/L	8260B
Xylenes, Total		52.4		1.00	ug/L	8260B
o-Xylene		0.921	J	1.00	ug/L	8260B
Isopropylbenzene		79.8		20.0	ug/L	8260B
1,2,3-Trichloropropane		1.06		1.00	ug/L	8260B
N-Propylbenzene		126		20.0	ug/L	8260B
1,3,5-Trimethylbenzene		3.03		1.00	ug/L	8260B
tert-Butylbenzene		0.265	J	1.00	ug/L	8260B
p-Isopropyltoluene		1.24		1.00	ug/L	8260B
1,2,4-Trimethylbenzene		269		20.0	ug/L	8260B
sec-Butylbenzene		6.99		1.00	ug/L	8260B
n-Butylbenzene		5.81		1.00	ug/L	8260B
Naphthalene		92.8		40.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
600-81250-16 ARTESIA-MW17C-10142013						
Trichloroethene		0.437	J	1.00	ug/L	8260B
1,1-Dichloroethane		0.331	J	1.00	ug/L	8260B
Tetrachloroethene		0.352	J	1.00	ug/L	8260B
Ethylbenzene		0.477	J	1.00	ug/L	8260B
m-Xylene & p-Xylene		0.221	J	1.00	ug/L	8260B
Isopropylbenzene		0.290	J	1.00	ug/L	8260B
N-Propylbenzene		0.625	J	1.00	ug/L	8260B
1,3,5-Trimethylbenzene		0.874	J	1.00	ug/L	8260B
1,2,4-Trimethylbenzene		4.66		1.00	ug/L	8260B
Naphthalene		11.8	B	2.00	ug/L	8260B
600-81250-18 ARTESIA-MW32-10152013						
1,1-Dichloroethene		3.94		1.00	ug/L	8260B
Benzene		0.0874	J	1.00	ug/L	8260B
Trichloroethene		1.48		1.00	ug/L	8260B
1,1-Dichloroethane		1.20		1.00	ug/L	8260B
Tetrachloroethene		6.83		1.00	ug/L	8260B
600-81250-19 ARTESIA-MW30-10152013						
1,1-Dichloroethene		18.8		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.193	J	1.00	ug/L	8260B
Benzene		0.111	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.204	J	1.00	ug/L	8260B
Trichloroethene		8.34		1.00	ug/L	8260B
1,1-Dichloroethane		8.75		1.00	ug/L	8260B
Tetrachloroethene		35.8		1.00	ug/L	8260B
600-81250-20 ARTESIA-DUP02-10152013						
1,1-Dichloroethene		22.3		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.220	J	1.00	ug/L	8260B
Benzene		0.129	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.219	J	1.00	ug/L	8260B
Trichloroethene		9.46		1.00	ug/L	8260B
1,1-Dichloroethane		9.76		1.00	ug/L	8260B
Chloroform		0.132	J	1.00	ug/L	8260B
Tetrachloroethene		41.3		1.00	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Analyte						
600-81250-21	ARTESIA-MW29-10152013					
1,1-Dichloroethene		6.34		1.00	ug/L	8260B
Methyl tert-butyl ether		0.156	J	1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.0883	J	1.00	ug/L	8260B
Trichloroethene		1.98		1.00	ug/L	8260B
1,1-Dichloroethane		1.38		1.00	ug/L	8260B
Tetrachloroethene		4.41		1.00	ug/L	8260B
600-81250-22	ARTESIA-MW28-10152013					
Chloromethane		0.316	J	2.00	ug/L	8260B
1,1-Dichloroethene		18.9		1.00	ug/L	8260B
Methyl tert-butyl ether		1.12		1.00	ug/L	8260B
cis-1,2-Dichloroethene		0.633	J	1.00	ug/L	8260B
Benzene		0.110	J	1.00	ug/L	8260B
1,2-Dichloroethane		0.191	J	1.00	ug/L	8260B
Trichloroethene		8.47		1.00	ug/L	8260B
1,1-Dichloroethane		9.53		1.00	ug/L	8260B
Tetrachloroethene		28.2		1.00	ug/L	8260B

METHOD SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL HOU	SW846 8260B	
Purge and Trap	TAL HOU		SW846 5030B

Lab References:

TAL HOU = TestAmerica Houston

Method References:

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

METHOD / ANALYST SUMMARY

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method	Analyst	Analyst ID
SW846 8260B	Shen, Wei	WS1
SW846 8260B	Xie, Yali	YX1

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW26-10152013

Lab Sample ID: 600-81250-1

Date Sampled: 10/15/2013 1050

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118652	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29425.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/21/2013 1957			Final Weight/Volume:	20 mL
Prep Date:	10/21/2013 1957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.323	J	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.711	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.248	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.125	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.456	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW26-10152013

Lab Sample ID: 600-81250-1

Date Sampled: 10/15/2013 1050

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118652	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29425.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/21/2013 1957			Final Weight/Volume:	20 mL
Prep Date:	10/21/2013 1957				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	123		67 - 139
Dibromofluoromethane	101		62 - 130
Toluene-d8 (Surr)	101		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW21-10152013

Lab Sample ID: 600-81250-2

Date Sampled: 10/15/2013 1220

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1646			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1646				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.241	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.607	J	0.110	1.00
1,2-Dichloropropane	0.276	J	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.499	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW21-10152013

Lab Sample ID: 600-81250-2

Date Sampled: 10/15/2013 1220

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1646			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1646				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		67 - 139
Dibromofluoromethane	95		62 - 130
Toluene-d8 (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	84		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW31-10152013

Lab Sample ID: 600-81250-3

Date Sampled: 10/15/2013 1305

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29713.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1712			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1712				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.02		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW31-10152013

Lab Sample ID: 600-81250-3

Date Sampled: 10/15/2013 1305

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29713.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1712			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1712				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	112		67 - 139
Dibromofluoromethane	100		62 - 130
Toluene-d8 (Surr)	109		70 - 130
1,2-Dichloroethane-d4 (Surr)	89		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW25-10152013

Lab Sample ID: 600-81250-4

Date Sampled: 10/15/2013 1335

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29506.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1150			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1150				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	21.5		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.177	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.108	J	0.0800	1.00
1,2-Dichloroethane	0.153	J	0.140	1.00
Trichloroethene	4.56		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	6.11		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	18.9		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW25-10152013

Lab Sample ID: 600-81250-4

Date Sampled: 10/15/2013 1335

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29506.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1150			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1150				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		67 - 139
Dibromofluoromethane	100		62 - 130
Toluene-d8 (Surr)	94		70 - 130
1,2-Dichloroethane-d4 (Surr)	104		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW22-10152013

Lab Sample ID: 600-81250-5

Date Sampled: 10/15/2013 1425

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29508.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1218			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	15.2		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.273	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0978	J	0.0800	1.00
1,2-Dichloroethane	0.157	J	0.140	1.00
Trichloroethene	4.40		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	5.39		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	14.4		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW22-10152013

Lab Sample ID: 600-81250-5

Date Sampled: 10/15/2013 1425

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29508.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1218			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	94		67 - 139
Dibromofluoromethane	101		62 - 130
Toluene-d8 (Surr)	93		70 - 130
1,2-Dichloroethane-d4 (Surr)	101		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW20-10152013

Lab Sample ID: 600-81250-6

Date Sampled: 10/15/2013 1510

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1855			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1855				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.494	J	0.180	2.00
Vinyl chloride	0.129	J	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	2.44		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	2.14		0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	2.86		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.242	J	0.0800	1.00
1,2-Dichloroethane	0.190	J	0.140	1.00
Trichloroethene	4.04		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	12.3		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	3.57		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.175	J	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW20-10152013

Lab Sample ID: 600-81250-6

Date Sampled: 10/15/2013 1510

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1855			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1855				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		67 - 139
Dibromofluoromethane	98		62 - 130
Toluene-d8 (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	87		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW18-10152013

Lab Sample ID: 600-81250-7

Date Sampled: 10/15/2013 1545

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29718.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1920			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.219	J	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	7.00		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.149	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.52		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.96		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	9.60		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW18-10152013

Lab Sample ID: 600-81250-7

Date Sampled: 10/15/2013 1545

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29718.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1920			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		67 - 139
Dibromofluoromethane	101		62 - 130
Toluene-d8 (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	91		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW07-10152013

Lab Sample ID: 600-81250-8

Date Sampled: 10/15/2013 1625

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1738			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1738				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.241	J	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.570	J	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.233	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.783	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW07-10152013

Lab Sample ID: 600-81250-8

Date Sampled: 10/15/2013 1625

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1738			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1738				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		67 - 139
Dibromofluoromethane	98		62 - 130
Toluene-d8 (Surr)	101		70 - 130
1,2-Dichloroethane-d4 (Surr)	89		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW08-10162013

Lab Sample ID: 600-81250-9

Date Sampled: 10/16/2013 0820

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1803			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1803				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.33		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.131	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.299	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.46		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	2.13		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.93		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW08-10162013

Lab Sample ID: 600-81250-9

Date Sampled: 10/16/2013 0820

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1803			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1803				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		67 - 139
Dibromofluoromethane	99		62 - 130
Toluene-d8 (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	90		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW11-10162013

Lab Sample ID: 600-81250-10

Date Sampled: 10/16/2013 0725

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118922	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29807.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/25/2013 1123			Final Weight/Volume:	20 mL
Prep Date:	10/25/2013 1123				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.209	J	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.282	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.658	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.65		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.44		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW11-10162013

Lab Sample ID: 600-81250-10

Date Sampled: 10/16/2013 0725

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118922	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29807.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/25/2013 1123			Final Weight/Volume:	20 mL
Prep Date:	10/25/2013 1123				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	112		67 - 139
Dibromofluoromethane	99		62 - 130
Toluene-d8 (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	89		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-DUP01-10162013

Lab Sample ID: 600-81250-11

Date Sampled: 10/16/2013 1100

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1829			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1829				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	1.33		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.142	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.320	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.52		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	2.19		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.90		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-DUP01-10162013

Lab Sample ID: 600-81250-11

Date Sampled: 10/16/2013 1100

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1829			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1829				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	108		67 - 139
Dibromofluoromethane	100		62 - 130
Toluene-d8 (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	90		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW15-10142013

Lab Sample ID: 600-81250-12

Date Sampled: 10/14/2013 1440

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29613.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1839			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.152	J	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	5.01		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	38.4		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.366	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	1.32		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW15-10142013

Lab Sample ID: 600-81250-12

Date Sampled: 10/14/2013 1440

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29613.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1839			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	121		67 - 139
Dibromofluoromethane	103		62 - 130
Toluene-d8 (Surr)	98		70 - 130
1,2-Dichloroethane-d4 (Surr)	123		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW01-10142013

Lab Sample ID: 600-81250-13

Date Sampled: 10/14/2013 1410

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29614.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1904			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW01-10142013

Lab Sample ID: 600-81250-13

Date Sampled: 10/14/2013 1410

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29614.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1904			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.241	J	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	111		67 - 139
Dibromofluoromethane	97		62 - 130
Toluene-d8 (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	115		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW33-10142013

Lab Sample ID: 600-81250-14

Date Sampled: 10/14/2013 1635

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29615.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1930			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1930				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW33-10142013

Lab Sample ID: 600-81250-14

Date Sampled: 10/14/2013 1635

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29615.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1930			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1930				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	118		67 - 139
Dibromofluoromethane	100		62 - 130
Toluene-d8 (Surr)	96		70 - 130
1,2-Dichloroethane-d4 (Surr)	116		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW12-10142013

Lab Sample ID: 600-81250-15

Date Sampled: 10/14/2013 1520

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29616.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1956			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	21.6		0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	4.46		0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	3.04		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	17.2		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.594	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.180	J	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
m-Xylene & p-Xylene	51.5		0.170	1.00
Xylenes, Total	52.4		0.260	1.00
o-Xylene	0.921	J	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	1.06		0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW12-10142013

Lab Sample ID: 600-81250-15

Date Sampled: 10/14/2013 1520

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29616.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1956			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	3.03		0.100	1.00
tert-Butylbenzene	0.265	J	0.0800	1.00
p-Isopropyltoluene	1.24		0.100	1.00
sec-Butylbenzene	6.99		0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	5.81		0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	104		67 - 139
Dibromofluoromethane	96		62 - 130
Toluene-d8 (Surr)	74		70 - 130
1,2-Dichloroethane-d4 (Surr)	110		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW12-10142013

Lab Sample ID: 600-81250-15

Date Sampled: 10/14/2013 1520

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29709.D
Dilution:	20			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1529	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1529				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	136		2.20	20.0
Isopropylbenzene	79.8		3.60	20.0
N-Propylbenzene	126		3.00	20.0
1,2,4-Trimethylbenzene	269		2.80	20.0
Naphthalene	92.8		6.40	40.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	105		67 - 139
Dibromofluoromethane	93		62 - 130
Toluene-d8 (Surr)	106		70 - 130
1,2-Dichloroethane-d4 (Surr)	80		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW17C-10142013

Lab Sample ID: 600-81250-16

Date Sampled: 10/14/2013 1550

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29617.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 2021			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.437	J	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.331	J	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.352	J	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.477	J	0.110	1.00
m-Xylene & p-Xylene	0.221	J	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.290	J	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW17C-10142013

Lab Sample ID: 600-81250-16

Date Sampled: 10/14/2013 1550

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29617.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 2021			Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 2021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.625	J	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.874	J	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	4.66		0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	11.8	B	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	71		67 - 139
Dibromofluoromethane	86		62 - 130
Toluene-d8 (Surr)	127		70 - 130
1,2-Dichloroethane-d4 (Surr)	125		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-TB01-10142013

Lab Sample ID: 600-81250-17

Date Sampled: 10/14/2013 1200

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29719.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1946			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1946				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-TB01-10142013

Lab Sample ID: 600-81250-17

Date Sampled: 10/14/2013 1200

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29719.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1946			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1946				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	112		67 - 139
Dibromofluoromethane	102		62 - 130
Toluene-d8 (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW32-10152013

Lab Sample ID: 600-81250-18

Date Sampled: 10/15/2013 0655

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29720.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2012			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2012				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	3.94		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0874	J	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.48		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.20		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	6.83		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW32-10152013

Lab Sample ID: 600-81250-18

Date Sampled: 10/15/2013 0655

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29720.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2012			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2012				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		67 - 139
Dibromofluoromethane	103		62 - 130
Toluene-d8 (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW30-10152013

Lab Sample ID: 600-81250-19

Date Sampled: 10/15/2013 0740

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2038			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	18.8		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.193	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.111	J	0.0800	1.00
1,2-Dichloroethane	0.204	J	0.140	1.00
Trichloroethene	8.34		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	8.75		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	35.8		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW30-10152013

Lab Sample ID: 600-81250-19

Date Sampled: 10/15/2013 0740

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2038			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	114		67 - 139
Dibromofluoromethane	105		62 - 130
Toluene-d8 (Surr)	107		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-DUP02-10152013

Lab Sample ID: 600-81250-20

Date Sampled: 10/15/2013 0800

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29722.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2103			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	22.3		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.220	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.129	J	0.0800	1.00
1,2-Dichloroethane	0.219	J	0.140	1.00
Trichloroethene	9.46		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	9.76		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.132	J	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	41.3		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-DUP02-10152013

Lab Sample ID: 600-81250-20

Date Sampled: 10/15/2013 0800

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29722.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2103			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	114		67 - 139
Dibromofluoromethane	104		62 - 130
Toluene-d8 (Surr)	105		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW29-10152013

Lab Sample ID: 600-81250-21

Date Sampled: 10/15/2013 0945

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29723.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2129			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2129				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	6.34		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.156	J	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0883	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	1.98		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	1.38		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	4.41		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW29-10152013

Lab Sample ID: 600-81250-21

Date Sampled: 10/15/2013 0945

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29723.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2129			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2129				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	110		67 - 139
Dibromofluoromethane	102		62 - 130
Toluene-d8 (Surr)	107		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		50 - 134

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW28-10152013

Lab Sample ID: 600-81250-22

Date Sampled: 10/15/2013 1015

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29724.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2155			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2155				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.316	J	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	18.9		0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	1.12		0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.633	J	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.110	J	0.0800	1.00
1,2-Dichloroethane	0.191	J	0.140	1.00
Trichloroethene	8.47		0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	9.53		0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	28.2		0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00

Analytical Data

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Client Sample ID: ARTESIA-MW28-10152013

Lab Sample ID: 600-81250-22

Date Sampled: 10/15/2013 1015

Client Matrix: Water

Date Received: 10/18/2013 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C29724.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 2155			Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 2155				

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		67 - 139
Dibromofluoromethane	102		62 - 130
Toluene-d8 (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		50 - 134

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-81250-1	ARTESIA-MW26-101 52013	101	99	101	123
600-81250-2	ARTESIA-MW21-101 52013	95	84	104	106
600-81250-3	ARTESIA-MW31-101 52013	100	89	109	112
600-81250-4	ARTESIA-MW25-101 52013	100	104	94	97
600-81250-5	ARTESIA-MW22-101 52013	101	101	93	94
600-81250-6	ARTESIA-MW20-101 52013	98	87	105	108
600-81250-7	ARTESIA-MW18-101 52013	101	91	106	108
600-81250-8	ARTESIA-MW07-101 52013	98	89	101	104
600-81250-9	ARTESIA-MW08-101 62013	99	90	106	109
600-81250-10	ARTESIA-MW11-101 62013	99	89	104	112
600-81250-11	ARTESIA-DUP01-101 62013	100	90	108	108
600-81250-12	ARTESIA-MW15-101 42013	103	123	98	121
600-81250-13	ARTESIA-MW01-101 42013	97	115	96	111
600-81250-14	ARTESIA-MW33-101 42013	100	116	96	118
600-81250-15	ARTESIA-MW12-101 42013	96	110	74	104
600-81250-15 DL	ARTESIA-MW12-101 42013 DL	93	80	106	105
600-81250-16	ARTESIA-MW17C-10 142013	86	125	127	71
600-81250-17	ARTESIA-TB01-1014 2013	102	92	108	112

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-81250-18	ARTESIA-MW32-101 52013	103	93	105	109
600-81250-19	ARTESIA-MW30-101 52013	105	94	107	114
600-81250-20	ARTESIA-DUP02-101 52013	104	93	105	114
600-81250-21	ARTESIA-MW29-101 52013	102	94	107	110
600-81250-22	ARTESIA-MW28-101 52013	102	93	104	109
MB 600-118652/5		101	109	97	116
MB 600-118680/6		102	106	99	120
MB 600-118798/6		99	116	99	118
MB 600-118869/6		100	89	110	110
MB 600-118922/6		96	86	100	104
LCS 600-118652/4		108	114	104	122
LCS 600-118680/4		105	101	105	121
LCS 600-118798/5		71	84	76	79
LCS 600-118869/4		106	91	125	115
LCS 600-118922/4		102	89	115	108
600-81250-4 MS	ARTESIA-MW25-101 52013 MS	112	114	107	125
600-81250-10 MS	ARTESIA-MW11-101 62013 MS	100	89	110	106
600-81250-15 MS DL	ARTESIA-MW12-101 42013 MS DL	96	85	109	105
600-81163-C-2 MS		109	117	102	122
600-81308-F-1 MS DL		99	115	102	117
600-81250-4 MSD	ARTESIA-MW25-101 52013 MSD	111	110	104	121
600-81250-10 MSD	ARTESIA-MW11-101 62013 MSD	97	84	108	104
600-81250-15 MSD DL	ARTESIA-MW12-101 42013 MSD DL	93	79	109	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
600-81163-C-2 MSD		104	108	100	123
600-81308-F-1 MSD		104	118	105	119
DL					

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118652

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118652/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/21/2013 1119
Prep Date: 10/21/2013 1119
Leach Date: N/A

Analysis Batch: 600-118652
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS01
Lab File ID: C29405.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118652

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118652/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/21/2013 1119
 Prep Date: 10/21/2013 1119
 Leach Date: N/A

Analysis Batch: 600-118652
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29405.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.4035	J	0.310	1.00
Hexachlorobutadiene	0.3383	J	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.7701	J	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	116	67 - 139
Dibromofluoromethane	101	62 - 130
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	109	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118652

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-118652/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/21/2013 1027
Prep Date: 10/21/2013 1027
Leach Date: N/A

Analysis Batch: 600-118652
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS01
Lab File ID: C29403.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.673	97	12 - 136	
Chloromethane	10.0	9.209	92	32 - 151	
Vinyl chloride	10.0	9.178	92	47 - 146	
Bromomethane	10.0	8.393	84	52 - 146	
Chloroethane	10.0	8.651	87	56 - 144	
Trichlorofluoromethane	10.0	10.55	105	55 - 142	
1,1-Dichloroethene	10.0	11.95	120	59 - 145	
trans-1,2-Dichloroethene	10.0	9.589	96	70 - 132	
Methyl tert-butyl ether	10.0	9.355	94	63 - 142	
Methylene Chloride	10.0	9.235	92	62 - 134	
cis-1,2-Dichloroethene	10.0	9.586	96	69 - 129	
2-Butanone (MEK)	20.0	18.07	90	59 - 133	
Bromochloromethane	10.0	9.136	91	60 - 141	
Carbon tetrachloride	10.0	10.95	110	59 - 147	
Benzene	10.0	9.718	97	69 - 131	
1,2-Dichloroethane	10.0	9.975	100	66 - 140	
Trichloroethene	10.0	9.772	98	68 - 130	
1,1,1-Trichloroethane	10.0	11.02	110	65 - 142	
1,1-Dichloroethane	10.0	10.40	104	66 - 126	
1,2-Dichloropropane	10.0	9.896	99	72 - 125	
2,2-Dichloropropane	10.0	11.05	110	43 - 169	
Dibromomethane	10.0	9.697	97	68 - 134	
Chloroform	10.0	9.774	98	69 - 128	
Bromodichloromethane	10.0	9.883	99	73 - 130	
2-Chloroethyl vinyl ether	10.0	9.421	94	10 - 209	
1,1-Dichloropropene	10.0	9.273	93	59 - 134	
cis-1,3-Dichloropropene	10.0	8.695	87	60 - 135	
Toluene	10.0	9.622	96	67 - 130	
trans-1,3-Dichloropropene	10.0	10.05	101	63 - 133	
1,1,2-Trichloroethane	10.0	9.394	94	68 - 130	
Tetrachloroethene	10.0	9.931	99	61 - 142	
1,3-Dichloropropane	10.0	9.171	92	62 - 132	
Chlorodibromomethane	10.0	9.804	98	58 - 132	
1,2-Dibromoethane	10.0	9.166	92	68 - 128	
Chlorobenzene	10.0	9.070	91	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	9.539	95	57 - 136	
Ethylbenzene	10.0	9.393	94	68 - 128	
m-Xylene & p-Xylene	20.0	18.92	95	67 - 132	
Xylenes, Total	30.0	28.01	93	68 - 132	
o-Xylene	10.0	9.093	91	68 - 134	
Styrene	10.0	9.549	95	68 - 133	
Bromoform	10.0	8.812	88	39 - 149	
Isopropylbenzene	10.0	9.468	95	79 - 146	
Bromobenzene	10.0	9.545	95	61 - 134	
1,2,3-Trichloropropane	10.0	9.067	91	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	9.484	95	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118652

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118652/4	Analysis Batch:	600-118652	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29403.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/21/2013 1027	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/21/2013 1027				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.612	96	61 - 137	
2-Chlorotoluene	10.0	8.986	90	58 - 135	
4-Chlorotoluene	10.0	9.463	95	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.698	97	63 - 132	
tert-Butylbenzene	10.0	9.497	95	67 - 148	
p-Isopropyltoluene	10.0	10.69	107	63 - 138	
1,2,4-Trimethylbenzene	10.0	9.557	96	63 - 131	
sec-Butylbenzene	10.0	9.489	95	61 - 134	
1,3-Dichlorobenzene	10.0	9.229	92	71 - 132	
1,4-Dichlorobenzene	10.0	9.518	95	72 - 131	
1,2-Dichlorobenzene	10.0	9.084	91	71 - 133	
n-Butylbenzene	10.0	10.15	101	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	8.192	82	43 - 141	
1,2,4-Trichlorobenzene	10.0	9.238	92	55 - 151	
Hexachlorobutadiene	10.0	9.737	97	53 - 140	
Naphthalene	10.0	8.837	88	19 - 195	
1,2,3-Trichlorobenzene	10.0	9.278	93	38 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	122	67 - 139
Dibromofluoromethane	108	62 - 130
Toluene-d8 (Surr)	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	114	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-118652**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-81163-C-2 MS	Analysis Batch: 600-118652	Instrument ID: VOAMS01
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C29407.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 10/21/2013 1222		Final Weight/Volume: 20 mL
Prep Date: 10/21/2013 1222		
Leach Date: N/A		

MSD Lab Sample ID: 600-81163-C-2 MSD	Analysis Batch: 600-118652	Instrument ID: VOAMS01
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C29408.D
Dilution: 2000	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 10/21/2013 1247		Final Weight/Volume: 20 mL
Prep Date: 10/21/2013 1247		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	105	106	60 - 140	1	30		
Chloromethane	80	102	60 - 140	24	30		
Vinyl chloride	88	100	60 - 140	13	30		
Bromomethane	88	98	60 - 140	10	30		
Chloroethane	85	99	60 - 140	14	30		
Trichlorofluoromethane	103	118	60 - 140	13	30		
1,1-Dichloroethene	103	123	22 - 143	18	30		
trans-1,2-Dichloroethene	92	97	60 - 140	6	30		
Methyl tert-butyl ether	96	93	60 - 140	3	30		
Methylene Chloride	98	104	60 - 140	5	30		
cis-1,2-Dichloroethene	93	95	60 - 140	2	30		
2-Butanone (MEK)	88	81	60 - 140	9	30		
Bromochloromethane	91	93	60 - 140	2	30		
Carbon tetrachloride	107	109	60 - 140	2	30		
Benzene	93	95	65 - 125	2	30		
1,2-Dichloroethane	98	96	60 - 140	2	30		
Trichloroethene	94	95	56 - 118	2	30		
1,1,1-Trichloroethane	106	109	60 - 140	3	30		
1,1-Dichloroethane	98	105	60 - 140	6	30		
1,2-Dichloropropane	93	93	60 - 140	1	30		
2,2-Dichloropropane	110	114	60 - 140	3	30		
Dibromomethane	98	96	60 - 140	2	30		
Chloroform	94	97	60 - 140	3	30		
Bromodichloromethane	96	96	60 - 140	1	30		
2-Chloroethyl vinyl ether	86	85	60 - 140	1	30		
1,1-Dichloropropene	90	91	60 - 140	2	30		
cis-1,3-Dichloropropene	84	84	60 - 140	0	30		
Toluene	92	93	76 - 125	1	30		
trans-1,3-Dichloropropene	98	97	60 - 140	1	30		
1,1,2-Trichloroethane	90	92	60 - 140	2	30		
Tetrachloroethene	97	97	60 - 140	0	30		
1,3-Dichloropropane	85	84	60 - 140	1	30		
Chlorodibromomethane	91	91	60 - 140	0	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118652

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81163-C-2 MS	Analysis Batch:	600-118652	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29407.D
Dilution:	2000	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/21/2013 1222			Final Weight/Volume:	20 mL
Prep Date:	10/21/2013 1222				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81163-C-2 MSD	Analysis Batch:	600-118652	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29408.D
Dilution:	2000	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/21/2013 1247			Final Weight/Volume:	20 mL
Prep Date:	10/21/2013 1247				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	88	89	60 - 140	1	30		
Chlorobenzene	88	87	72 - 122	1	30		
1,1,1,2-Tetrachloroethane	92	92	60 - 140	1	30		
Ethylbenzene	91	94	60 - 140	3	30		
m-Xylene & p-Xylene	92	93	60 - 140	1	30		
Xylenes, Total	91	92	60 - 140	1	30		
o-Xylene	89	89	60 - 140	0	30		
Styrene	91	92	60 - 140	1	30		
Bromoform	94	90	60 - 140	5	30		
Isopropylbenzene	87	103	60 - 140	6	30		
Bromobenzene	91	97	60 - 140	7	30		
1,2,3-Trichloropropane	86	90	60 - 140	4	30		
1,1,2,2-Tetrachloroethane	94	97	60 - 140	3	30		
N-Propylbenzene	94	102	60 - 140	8	30		
2-Chlorotoluene	88	94	60 - 140	6	30		
4-Chlorotoluene	91	99	60 - 140	8	30		
1,3,5-Trimethylbenzene	93	102	60 - 140	9	30		
tert-Butylbenzene	90	97	60 - 140	8	30		
p-Isopropyltoluene	103	112	60 - 140	9	30		
1,2,4-Trimethylbenzene	92	98	60 - 140	7	30		
sec-Butylbenzene	91	99	60 - 140	8	30		
1,3-Dichlorobenzene	86	92	60 - 140	6	30		
1,4-Dichlorobenzene	87	93	60 - 140	6	30		
1,2-Dichlorobenzene	90	89	60 - 140	1	30		
n-Butylbenzene	110	106	60 - 140	4	30		
1,2-Dibromo-3-Chloropropane	66	87	60 - 140	24	30		
1,2,4-Trichlorobenzene	60	82	60 - 140	25	30		
Hexachlorobutadiene	77	93	60 - 140	17	30		
Naphthalene	43	77	60 - 140	40	30	F	F
1,2,3-Trichlorobenzene	47	74	60 - 140	30	30	F	
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	122		123		67 - 139		
Dibromofluoromethane	109		104		62 - 130		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	102	100	70 - 130
1,2-Dichloroethane-d4 (Surr)	117	108	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118652

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81163-C-2 MS
Client Matrix: Water
Dilution: 2000
Analysis Date: 10/21/2013 1222
Prep Date: 10/21/2013 1222
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 600-81163-C-2 MSD
Client Matrix: Water
Dilution: 2000
Analysis Date: 10/21/2013 1247
Prep Date: 10/21/2013 1247
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	240	U	20000	20000	21090	21270
Chloromethane	360	U	20000	20000	16030	20430
Vinyl chloride	220	U	20000	20000	17530	19940
Bromomethane	500	U	20000	20000	17690	19610
Chloroethane	160	U	20000	20000	17090	19720
Trichlorofluoromethane	160	U	20000	20000	20600	23510
1,1-Dichloroethene	380	U	20000	20000	20580	24540
trans-1,2-Dichloroethene	180	U	20000	20000	18400	19450
Methyl tert-butyl ether	240	U	20000	20000	19170	18520
Methylene Chloride	1190	J	20000	20000	20860	21900
cis-1,2-Dichloroethene	208	J	20000	20000	18890	19200
2-Butanone (MEK)	1520	U	40000	40000	35390	32260
Bromochloromethane	360	U	20000	20000	18260	18660
Carbon tetrachloride	300	U	20000	20000	21410	21830
Benzene	160	U	20000	20000	18700	19020
1,2-Dichloroethane	545	J	20000	20000	20050	19730
Trichloroethene	360	U	20000	20000	18760	19090
1,1,1-Trichloroethane	300	U	20000	20000	21140	21850
1,1-Dichloroethane	220	U	20000	20000	19680	20970
1,2-Dichloropropane	320	U	20000	20000	18530	18690
2,2-Dichloropropane	260	U	20000	20000	22070	22770
Dibromomethane	1040	U	20000	20000	19680	19280
Chloroform	260	U	20000	20000	18820	19400
Bromodichloromethane	320	U	20000	20000	19240	19140
2-Chloroethyl vinyl ether	1000	U	20000	20000	17150	17060
1,1-Dichloropropene	420	U	20000	20000	17930	18230
cis-1,3-Dichloropropene	360	U	20000	20000	16780	16850
Toluene	300	U	20000	20000	18400	18510
trans-1,3-Dichloropropene	420	U	20000	20000	19570	19350
1,1,2-Trichloroethane	560	U	20000	20000	18000	18410
Tetrachloroethene	260	U	20000	20000	19420	19360
1,3-Dichloropropane	471	J	20000	20000	17520	17270
Chlorodibromomethane	438	J	20000	20000	18570	18610
1,2-Dibromoethane	458	J	20000	20000	17970	18220
Chlorobenzene	261	J	20000	20000	17910	17710
1,1,1,2-Tetrachloroethane	360	J	20000	20000	18680	18850
Ethylbenzene	220	U	20000	20000	18290	18810
m-Xylene & p-Xylene	340	U	40000	40000	36900	37360
Xylenes, Total	520	U	60000	60000	54640	55140
o-Xylene	240	U	20000	20000	17740	17780
Styrene	301	J	20000	20000	18490	18690
Bromoform	380	U	20000	20000	18890	18020
Isopropylbenzene	40300		20000	20000	57660	60940

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-118652**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-81163-C-2 MS Units: ug/L
Client Matrix: Water
Dilution: 2000
Analysis Date: 10/21/2013 1222
Prep Date: 10/21/2013 1222
Leach Date: N/A

MSD Lab Sample ID: 600-81163-C-2 MSD
Client Matrix: Water
Dilution: 2000
Analysis Date: 10/21/2013 1247
Prep Date: 10/21/2013 1247
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromobenzene	592 J		20000	20000	18780	20080
1,2,3-Trichloropropane	1060 J		20000	20000	18360	19080
1,1,2,2-Tetrachloroethane	440 U		20000	20000	18810	19460
N-Propylbenzene	300 U		20000	20000	18900	20390
2-Chlorotoluene	340 J		20000	20000	18020	19130
4-Chlorotoluene	378 J		20000	20000	18640	20110
1,3,5-Trimethylbenzene	281 J		20000	20000	18910	20730
tert-Butylbenzene	235 J		20000	20000	18240	19690
p-Isopropyltoluene	398 J		20000	20000	20910	22780
1,2,4-Trimethylbenzene	388 J		20000	20000	18730	20060
sec-Butylbenzene	301 J		20000	20000	18420	20030
1,3-Dichlorobenzene	824 J		20000	20000	18050	19190
1,4-Dichlorobenzene	1050 J		20000	20000	18470	19640
1,2-Dichlorobenzene	1390 J		20000	20000	19290	19110
n-Butylbenzene	640 J		20000	20000	22640	21860
1,2-Dibromo-3-Chloropropane	2980		20000	20000	16080	20430
1,2,4-Trichlorobenzene	3450		20000	20000	15510	19850
Hexachlorobutadiene	1790 J		20000	20000	17120	20390
Naphthalene	4760		20000	20000	13420 F	20180 F
1,2,3-Trichlorobenzene	5810		20000	20000	15140 F	20540

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118680

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118680/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/22/2013 1125
 Prep Date: 10/22/2013 1125
 Leach Date: N/A

Analysis Batch: 600-118680
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29505.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.8121	J	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118680

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118680/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/22/2013 1125
 Prep Date: 10/22/2013 1125
 Leach Date: N/A

Analysis Batch: 600-118680
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29505.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	120	67 - 139
Dibromofluoromethane	102	62 - 130
Toluene-d8 (Surr)	99	70 - 130
1,2-Dichloroethane-d4 (Surr)	106	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118680

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118680/4	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29503.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1003	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1003				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.041	90	12 - 136	
Chloromethane	10.0	8.513	85	32 - 151	
Vinyl chloride	10.0	7.805	78	47 - 146	
Bromomethane	10.0	5.260	53	52 - 146	
Chloroethane	10.0	7.717	77	56 - 144	
Trichlorofluoromethane	10.0	7.795	78	55 - 142	
1,1-Dichloroethene	10.0	9.427	94	59 - 145	
trans-1,2-Dichloroethene	10.0	9.036	90	70 - 132	
Methyl tert-butyl ether	10.0	8.912	89	63 - 142	
Methylene Chloride	10.0	10.18	102	62 - 134	
cis-1,2-Dichloroethene	10.0	9.077	91	69 - 129	
2-Butanone (MEK)	20.0	15.59	78	59 - 133	
Bromochloromethane	10.0	8.831	88	60 - 141	
Carbon tetrachloride	10.0	9.661	97	59 - 147	
Benzene	10.0	9.131	91	69 - 131	
1,2-Dichloroethane	10.0	8.955	90	66 - 140	
Trichloroethene	10.0	9.320	93	68 - 130	
1,1,1-Trichloroethane	10.0	10.17	102	65 - 142	
1,1-Dichloroethane	10.0	9.704	97	66 - 126	
1,2-Dichloropropane	10.0	9.389	94	72 - 125	
2,2-Dichloropropane	10.0	10.04	100	43 - 169	
Dibromomethane	10.0	9.462	95	68 - 134	
Chloroform	10.0	9.101	91	69 - 128	
Bromodichloromethane	10.0	9.314	93	73 - 130	
2-Chloroethyl vinyl ether	10.0	9.536	95	10 - 209	
1,1-Dichloropropene	10.0	8.710	87	59 - 134	
cis-1,3-Dichloropropene	10.0	8.622	86	60 - 135	
Toluene	10.0	9.207	92	67 - 130	
trans-1,3-Dichloropropene	10.0	9.549	95	63 - 133	
1,1,2-Trichloroethane	10.0	8.795	88	68 - 130	
Tetrachloroethene	10.0	9.317	93	61 - 142	
1,3-Dichloropropane	10.0	8.833	88	62 - 132	
Chlorodibromomethane	10.0	9.494	95	58 - 132	
1,2-Dibromoethane	10.0	9.318	93	68 - 128	
Chlorobenzene	10.0	8.658	87	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	9.427	94	57 - 136	
Ethylbenzene	10.0	9.410	94	68 - 128	
m-Xylene & p-Xylene	20.0	18.26	91	67 - 132	
Xylenes, Total	30.0	27.15	91	68 - 132	
o-Xylene	10.0	8.891	89	68 - 134	
Styrene	10.0	9.048	90	68 - 133	
Bromoform	10.0	9.603	96	39 - 149	
Isopropylbenzene	10.0	9.320	93	79 - 146	
Bromobenzene	10.0	9.405	94	61 - 134	
1,2,3-Trichloropropane	10.0	8.479	85	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	9.498	95	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118680

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-118680/4	Analysis Batch: 600-118680	Instrument ID: VOAMS01
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C29503.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 10/22/2013 1003	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 10/22/2013 1003		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.396	94	61 - 137	
2-Chlorotoluene	10.0	9.011	90	58 - 135	
4-Chlorotoluene	10.0	8.960	90	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.303	93	63 - 132	
tert-Butylbenzene	10.0	9.110	91	67 - 148	
p-Isopropyltoluene	10.0	10.20	102	63 - 138	
1,2,4-Trimethylbenzene	10.0	9.241	92	63 - 131	
sec-Butylbenzene	10.0	9.107	91	61 - 134	
1,3-Dichlorobenzene	10.0	8.886	89	71 - 132	
1,4-Dichlorobenzene	10.0	9.132	91	72 - 131	
1,2-Dichlorobenzene	10.0	9.843	98	71 - 133	
n-Butylbenzene	10.0	11.14	111	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	10.15	102	43 - 141	
1,2,4-Trichlorobenzene	10.0	8.669	87	55 - 151	
Hexachlorobutadiene	10.0	8.939	89	53 - 140	
Naphthalene	10.0	6.976	70	19 - 195	
1,2,3-Trichlorobenzene	10.0	8.437	84	38 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	121	67 - 139
Dibromofluoromethane	105	62 - 130
Toluene-d8 (Surr)	105	70 - 130
1,2-Dichloroethane-d4 (Surr)	101	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118680

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81250-4	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1246			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1246				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81250-4	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1312			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1312				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	99	107	60 - 140	8	30		
Chloromethane	92	98	60 - 140	6	30		
Vinyl chloride	87	96	60 - 140	9	30		
Bromomethane	56	74	60 - 140	28	30	F	
Chloroethane	86	105	60 - 140	20	30		
Trichlorofluoromethane	75	94	60 - 140	22	30		
1,1-Dichloroethene	81	131	22 - 143	16	30		
trans-1,2-Dichloroethene	95	153	60 - 140	47	30		F
Methyl tert-butyl ether	95	150	60 - 140	45	30		F
Methylene Chloride	94	163	60 - 140	54	30		F
cis-1,2-Dichloroethene	96	101	60 - 140	5	30		
2-Butanone (MEK)	83	80	60 - 140	4	30		
Bromochloromethane	90	97	60 - 140	7	30		
Carbon tetrachloride	102	110	60 - 140	8	30		
Benzene	93	101	65 - 125	8	30		
1,2-Dichloroethane	94	98	60 - 140	4	30		
Trichloroethene	95	101	56 - 118	4	30		
1,1,1-Trichloroethane	101	109	60 - 140	8	30		
1,1-Dichloroethane	98	184	60 - 140	42	30		F
1,2-Dichloropropane	93	102	60 - 140	9	30		
2,2-Dichloropropane	105	115	60 - 140	9	30		
Dibromomethane	94	104	60 - 140	10	30		
Chloroform	96	100	60 - 140	5	30		
Bromodichloromethane	97	101	60 - 140	5	30		
2-Chloroethyl vinyl ether	163	157	60 - 140	4	30	F	F
1,1-Dichloropropene	92	97	60 - 140	4	30		
cis-1,3-Dichloropropene	89	89	60 - 140	0	30		
Toluene	95	98	76 - 125	3	30		
trans-1,3-Dichloropropene	99	105	60 - 140	5	30		
1,1,2-Trichloroethane	101	104	60 - 140	3	30		
Tetrachloroethene	96	91	60 - 140	2	30		
1,3-Dichloropropane	93	96	60 - 140	4	30		
Chlorodibromomethane	97	101	60 - 140	4	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118680

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81250-4	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29509.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1246			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1246				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81250-4	Analysis Batch:	600-118680	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29510.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/22/2013 1312			Final Weight/Volume:	20 mL
Prep Date:	10/22/2013 1312				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	92	98	60 - 140	7	30		
Chlorobenzene	90	94	72 - 122	4	30		
1,1,1,2-Tetrachloroethane	94	99	60 - 140	6	30		
Ethylbenzene	93	99	60 - 140	6	30		
m-Xylene & p-Xylene	92	98	60 - 140	5	30		
Xylenes, Total	91	97	60 - 140	5	30		
o-Xylene	90	95	60 - 140	5	30		
Styrene	36	86	60 - 140	83	30	F	F
Bromoform	111	99	60 - 140	11	30		
Isopropylbenzene	93	98	60 - 140	5	30		
Bromobenzene	96	101	60 - 140	5	30		
1,2,3-Trichloropropane	91	92	60 - 140	1	30		
1,1,2,2-Tetrachloroethane	94	105	60 - 140	11	30		
N-Propylbenzene	95	99	60 - 140	4	30		
2-Chlorotoluene	90	94	60 - 140	5	30		
4-Chlorotoluene	90	96	60 - 140	6	30		
1,3,5-Trimethylbenzene	92	99	60 - 140	7	30		
tert-Butylbenzene	90	99	60 - 140	9	30		
p-Isopropyltoluene	102	110	60 - 140	8	30		
1,2,4-Trimethylbenzene	93	105	60 - 140	12	30		
sec-Butylbenzene	89	99	60 - 140	11	30		
1,3-Dichlorobenzene	89	95	60 - 140	7	30		
1,4-Dichlorobenzene	91	100	60 - 140	9	30		
1,2-Dichlorobenzene	86	101	60 - 140	16	30		
n-Butylbenzene	93	118	60 - 140	24	30		
1,2-Dibromo-3-Chloropropane	93	101	60 - 140	9	30		
1,2,4-Trichlorobenzene	82	103	60 - 140	23	30		
Hexachlorobutadiene	79	97	60 - 140	20	30		
Naphthalene	60	98	60 - 140	47	30		F
1,2,3-Trichlorobenzene	73	110	60 - 140	40	30		F
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	125		121		67 - 139		
Dibromofluoromethane	112		111		62 - 130		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	107	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	114	110	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118680

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81250-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/22/2013 1246
Prep Date: 10/22/2013 1246
Leach Date: N/A

MSD Lab Sample ID: 600-81250-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/22/2013 1312
Prep Date: 10/22/2013 1312
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	0.120 U	10.0	10.0	9.936	10.73
Chloromethane	0.180 U	10.0	10.0	9.240	9.836
Vinyl chloride	0.110 U	10.0	10.0	8.731	9.561
Bromomethane	0.250 U	10.0	10.0	5.594 F	7.380
Chloroethane	0.0800 U	10.0	10.0	8.644	10.52
Trichlorofluoromethane	0.0800 U	10.0	10.0	7.503	9.385
1,1-Dichloroethene	21.5	10.0	10.0	29.61	34.63
trans-1,2-Dichloroethene	0.0900 U	10.0	10.0	9.473	15.25 F
Methyl tert-butyl ether	0.120 U	10.0	10.0	9.471	15.02 F
Methylene Chloride	0.150 U	10.0	10.0	9.412	16.33 F
cis-1,2-Dichloroethene	0.177 J	10.0	10.0	9.753	10.27
2-Butanone (MEK)	0.760 U	20.0	20.0	16.64	16.03
Bromochloromethane	0.180 U	10.0	10.0	9.046	9.737
Carbon tetrachloride	0.150 U	10.0	10.0	10.19	11.01
Benzene	0.108 J	10.0	10.0	9.376	10.18
1,2-Dichloroethane	0.153 J	10.0	10.0	9.580	9.960
Trichloroethene	4.56	10.0	10.0	14.11	14.63
1,1,1-Trichloroethane	0.150 U	10.0	10.0	10.08	10.89
1,1-Dichloroethane	6.11	10.0	10.0	15.92	24.50 F
1,2-Dichloropropane	0.160 U	10.0	10.0	9.321	10.16
2,2-Dichloropropane	0.130 U	10.0	10.0	10.50	11.51
Dibromomethane	0.520 U	10.0	10.0	9.437	10.42
Chloroform	0.130 U	10.0	10.0	9.565	10.04
Bromodichloromethane	0.160 U	10.0	10.0	9.651	10.12
2-Chloroethyl vinyl ether	0.500 U	10.0	10.0	16.28 F	15.68 F
1,1-Dichloropropene	0.210 U	10.0	10.0	9.232	9.655
cis-1,3-Dichloropropene	0.180 U	10.0	10.0	8.908	8.880
Toluene	0.150 U	10.0	10.0	9.502	9.820
trans-1,3-Dichloropropene	0.210 U	10.0	10.0	9.899	10.45
1,1,2-Trichloroethane	0.280 U	10.0	10.0	10.07	10.38
Tetrachloroethene	18.9	10.0	10.0	28.54	28.05
1,3-Dichloropropane	0.220 U	10.0	10.0	9.276	9.614
Chlorodibromomethane	0.150 U	10.0	10.0	9.693	10.09
1,2-Dibromoethane	0.180 U	10.0	10.0	9.158	9.783
Chlorobenzene	0.120 U	10.0	10.0	9.025	9.409
1,1,1,2-Tetrachloroethane	0.180 U	10.0	10.0	9.404	9.943
Ethylbenzene	0.110 U	10.0	10.0	9.325	9.852
m-Xylene & p-Xylene	0.170 U	20.0	20.0	18.47	19.50
Xylenes, Total	0.260 U	30.0	30.0	27.44	28.97
o-Xylene	0.120 U	10.0	10.0	8.968	9.470
Styrene	0.0700 U	10.0	10.0	3.577 F	8.633 F
Bromoform	0.190 U	10.0	10.0	11.07	9.918
Isopropylbenzene	0.180 U	10.0	10.0	9.330	9.846

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-118680**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-81250-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/22/2013 1246
Prep Date: 10/22/2013 1246
Leach Date: N/A

MSD Lab Sample ID: 600-81250-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/22/2013 1312
Prep Date: 10/22/2013 1312
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Bromobenzene	0.190	U	10.0	10.0	9.553	10.05	
1,2,3-Trichloropropane	0.290	U	10.0	10.0	9.061	9.177	
1,1,2,2-Tetrachloroethane	0.220	U	10.0	10.0	9.409	10.50	
N-Propylbenzene	0.150	U	10.0	10.0	9.463	9.854	
2-Chlorotoluene	0.130	U	10.0	10.0	8.960	9.394	
4-Chlorotoluene	0.140	U	10.0	10.0	8.950	9.551	
1,3,5-Trimethylbenzene	0.100	U	10.0	10.0	9.198	9.856	
tert-Butylbenzene	0.0800	U	10.0	10.0	9.038	9.911	
p-Isopropyltoluene	0.100	U	10.0	10.0	10.16	10.99	
1,2,4-Trimethylbenzene	0.140	U	10.0	10.0	9.317	10.45	
sec-Butylbenzene	0.120	U	10.0	10.0	8.900	9.918	
1,3-Dichlorobenzene	0.130	U	10.0	10.0	8.885	9.544	
1,4-Dichlorobenzene	0.110	U	10.0	10.0	9.139	9.991	
1,2-Dichlorobenzene	0.100	U	10.0	10.0	8.641	10.11	
n-Butylbenzene	0.160	U	10.0	10.0	9.292	11.80	
1,2-Dibromo-3-Chloropropane	0.810	U	10.0	10.0	9.272	10.15	
1,2,4-Trichlorobenzene	0.310	U	10.0	10.0	8.182	10.31	
Hexachlorobutadiene	0.170	U	10.0	10.0	7.949	9.688	
Naphthalene	0.320	U	10.0	10.0	6.036	9.777	F
1,2,3-Trichlorobenzene	0.570	U	10.0	10.0	7.333	10.96	F

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118798

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118798/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/23/2013 1539
 Prep Date: 10/23/2013 1539
 Leach Date: N/A

Analysis Batch: 600-118798
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29606.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.150	U	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118798

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118798/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/23/2013 1539
 Prep Date: 10/23/2013 1539
 Leach Date: N/A

Analysis Batch: 600-118798
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29606.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.4205	J	0.310	1.00
Hexachlorobutadiene	0.2867	J	0.170	1.00
Naphthalene	0.3309	J	0.320	2.00
1,2,3-Trichlorobenzene	0.6245	J	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	118	67 - 139
Dibromofluoromethane	99	62 - 130
Toluene-d8 (Surr)	99	70 - 130
1,2-Dichloroethane-d4 (Surr)	116	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118798

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-118798/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/23/2013 1447
Prep Date: 10/23/2013 1447
Leach Date: N/A

Analysis Batch: 600-118798
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS01
Lab File ID: C29604.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.96	120	12 - 136	
Chloromethane	10.0	8.204	82	32 - 151	
Vinyl chloride	10.0	6.881	69	47 - 146	
Bromomethane	10.0	6.425	64	52 - 146	
Chloroethane	10.0	7.020	70	56 - 144	
Trichlorofluoromethane	10.0	10.89	109	55 - 142	
1,1-Dichloroethene	10.0	8.458	85	59 - 145	
trans-1,2-Dichloroethene	10.0	8.086	81	70 - 132	
Methyl tert-butyl ether	10.0	7.845	78	63 - 142	
Methylene Chloride	10.0	8.173	82	62 - 134	
cis-1,2-Dichloroethene	10.0	7.816	78	69 - 129	
2-Butanone (MEK)	20.0	14.26	71	59 - 133	
Bromochloromethane	10.0	7.400	74	60 - 141	
Carbon tetrachloride	10.0	11.54	115	59 - 147	
Benzene	10.0	8.751	88	69 - 131	
1,2-Dichloroethane	10.0	10.65	107	66 - 140	
Trichloroethene	10.0	9.338	93	68 - 130	
1,1,1-Trichloroethane	10.0	11.27	113	65 - 142	
1,1-Dichloroethane	10.0	9.085	91	66 - 126	
1,2-Dichloropropane	10.0	9.300	93	72 - 125	
2,2-Dichloropropane	10.0	11.54	115	43 - 169	
Dibromomethane	10.0	9.908	99	68 - 134	
Chloroform	10.0	9.675	97	69 - 128	
Bromodichloromethane	10.0	10.23	102	73 - 130	
2-Chloroethyl vinyl ether	10.0	18.58	186	10 - 209	
1,1-Dichloropropene	10.0	8.693	87	59 - 134	
cis-1,3-Dichloropropene	10.0	10.06	101	60 - 135	
Toluene	10.0	9.315	93	67 - 130	
trans-1,3-Dichloropropene	10.0	10.03	100	63 - 133	
1,1,2-Trichloroethane	10.0	9.299	93	68 - 130	
Tetrachloroethene	10.0	10.50	105	61 - 142	
1,3-Dichloropropane	10.0	9.145	91	62 - 132	
Chlorodibromomethane	10.0	10.14	101	58 - 132	
1,2-Dibromoethane	10.0	9.492	95	68 - 128	
Chlorobenzene	10.0	9.727	97	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	10.50	105	57 - 136	
Ethylbenzene	10.0	9.895	99	68 - 128	
m-Xylene & p-Xylene	20.0	20.40	102	67 - 132	
Xylenes, Total	30.0	30.41	101	68 - 132	
o-Xylene	10.0	10.01	100	68 - 134	
Styrene	10.0	9.976	100	68 - 133	
Bromoform	10.0	10.95	110	39 - 149	
Isopropylbenzene	10.0	9.761	98	79 - 146	
Bromobenzene	10.0	9.889	99	61 - 134	
1,2,3-Trichloropropane	10.0	8.849	88	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	9.698	97	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118798

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118798/5	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29604.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1447	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1447				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.978	100	61 - 137	
2-Chlorotoluene	10.0	9.649	96	58 - 135	
4-Chlorotoluene	10.0	9.824	98	64 - 134	
1,3,5-Trimethylbenzene	10.0	9.986	100	63 - 132	
tert-Butylbenzene	10.0	9.697	97	67 - 148	
p-Isopropyltoluene	10.0	10.00	100	63 - 138	
1,2,4-Trimethylbenzene	10.0	9.698	97	63 - 131	
sec-Butylbenzene	10.0	9.720	97	61 - 134	
1,3-Dichlorobenzene	10.0	9.470	95	71 - 132	
1,4-Dichlorobenzene	10.0	9.555	96	72 - 131	
1,2-Dichlorobenzene	10.0	9.364	94	71 - 133	
n-Butylbenzene	10.0	10.32	103	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	7.954	80	43 - 141	
1,2,4-Trichlorobenzene	10.0	9.584	96	55 - 151	
Hexachlorobutadiene	10.0	10.63	106	53 - 140	
Naphthalene	10.0	7.257	73	19 - 195	
1,2,3-Trichlorobenzene	10.0	9.434	94	38 - 152	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	79		67 - 139		
Dibromofluoromethane	71		62 - 130		
Toluene-d8 (Surr)	76		70 - 130		
1,2-Dichloroethane-d4 (Surr)	84		50 - 134		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81308-F-1 MSDL	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29607.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1604	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1604				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81308-F-1 MSDDL	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29608.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1630	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1630				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	84	83	60 - 140	0	30		
Chloromethane	53	54	60 - 140	2	30	F	F
Vinyl chloride	47	45	60 - 140	5	30	F	F
Bromomethane	38	41	60 - 140	8	30	F	F
Chloroethane	49	48	60 - 140	1	30	F	F
Trichlorofluoromethane	64	62	60 - 140	3	30		
1,1-Dichloroethene	63	63	22 - 143	0	30		
trans-1,2-Dichloroethene	84	83	60 - 140	2	30		
Methyl tert-butyl ether	84	89	60 - 140	6	30		
Methylene Chloride	84	86	60 - 140	3	30		
cis-1,2-Dichloroethene	84	87	60 - 140	4	30		
2-Butanone (MEK)	70	79	60 - 140	12	30		
Bromochloromethane	78	85	60 - 140	8	30		
Carbon tetrachloride	118	119	60 - 140	1	30		
Benzene	92	93	65 - 125	1	30		
1,2-Dichloroethane	108	114	60 - 140	5	30		
Trichloroethene	98	96	56 - 118	2	30		
1,1,1-Trichloroethane	116	119	60 - 140	2	30		
1,1-Dichloroethane	101	103	60 - 140	3	30		
1,2-Dichloropropane	93	96	60 - 140	2	30		
2,2-Dichloropropane	117	117	60 - 140	1	30		
Dibromomethane	100	103	60 - 140	4	30		
Chloroform	100	99	60 - 140	1	30		
Bromodichloromethane	97	102	60 - 140	5	30		
2-Chloroethyl vinyl ether	84	89	60 - 140	6	30		
1,1-Dichloropropene	89	87	60 - 140	3	30		
cis-1,3-Dichloropropene	81	83	60 - 140	3	30		
Toluene	91	91	76 - 125	1	30		
trans-1,3-Dichloropropene	96	102	60 - 140	6	30		
1,1,2-Trichloroethane	89	89	60 - 140	0	30		
Tetrachloroethene	104	109	60 - 140	5	30		
1,3-Dichloropropane	82	84	60 - 140	2	30		
Chlorodibromomethane	93	97	60 - 140	4	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81308-F-1 MSDL	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29607.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1604	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1604				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81308-F-1 MSDDL	Analysis Batch:	600-118798	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29608.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/23/2013 1630	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/23/2013 1630				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	84	90	60 - 140	7	30		
Chlorobenzene	84	87	72 - 122	4	30		
1,1,1,2-Tetrachloroethane	95	99	60 - 140	4	30		
Ethylbenzene	90	91	60 - 140	1	30		
m-Xylene & p-Xylene	92	92	60 - 140	1	30		
Xylenes, Total	91	91	60 - 140	1	30		
o-Xylene	89	90	60 - 140	1	30		
Styrene	88	91	60 - 140	3	30		
Bromoform	94	102	60 - 140	9	30		
Isopropylbenzene	87	86	60 - 140	1	30		
Bromobenzene	89	90	60 - 140	2	30		
1,2,3-Trichloropropane	85	89	60 - 140	4	30		
1,1,2,2-Tetrachloroethane	86	95	60 - 140	9	30		
N-Propylbenzene	86	86	60 - 140	0	30		
2-Chlorotoluene	84	83	60 - 140	1	30		
4-Chlorotoluene	84	87	60 - 140	3	30		
1,3,5-Trimethylbenzene	87	88	60 - 140	1	30		
tert-Butylbenzene	86	85	60 - 140	0	30		
p-Isopropyltoluene	98	98	60 - 140	0	30		
1,2,4-Trimethylbenzene	87	89	60 - 140	3	30		
sec-Butylbenzene	84	84	60 - 140	1	30		
1,3-Dichlorobenzene	83	86	60 - 140	4	30		
1,4-Dichlorobenzene	83	90	60 - 140	8	30		
1,2-Dichlorobenzene	80	84	60 - 140	4	30		
n-Butylbenzene	89	90	60 - 140	1	30		
1,2-Dibromo-3-Chloropropane	62	87	60 - 140	28	30		
1,2,4-Trichlorobenzene	68	82	60 - 140	16	30		
Hexachlorobutadiene	84	86	60 - 140	2	30		
Naphthalene	40	62	60 - 140	32	30	F	F
1,2,3-Trichlorobenzene	53	75	60 - 140	24	30	F	
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	117		119		67 - 139		
Dibromofluoromethane	99		104		62 - 130		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	102	105	70 - 130
1,2-Dichloroethane-d4 (Surr)	115	118	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81308-F-1 MSDL Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 10/23/2013 1604
Prep Date: 10/23/2013 1604
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-81308-F-1 MSDDL
Client Matrix: Water
Dilution: 10
Analysis Date: 10/23/2013 1630
Prep Date: 10/23/2013 1630
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Dichlorodifluoromethane	1.20	U	100	100	83.63	83.37	
Chloromethane	1.80	U	100	100	53.08	54.21	F
Vinyl chloride	1.10	U	100	100	46.97	44.64	F
Bromomethane	2.50	U	100	100	38.10	41.10	F
Chloroethane	0.800	U	100	100	48.75	48.16	F
Trichlorofluoromethane	0.800	U	100	100	64.48	62.36	
1,1-Dichloroethene	1.90	U	100	100	63.33	63.27	
trans-1,2-Dichloroethene	0.900	U	100	100	84.49	82.80	
Methyl tert-butyl ether	1.20	U	100	100	84.40	89.28	
Methylene Chloride	6.51	J	100	100	90.30	92.59	
cis-1,2-Dichloroethene	0.600	U	100	100	83.63	86.87	
2-Butanone (MEK)	7.60	U	200	200	141.0	158.3	
Bromochloromethane	1.80	U	100	100	78.21	84.96	
Carbon tetrachloride	1.50	U	100	100	118.2	118.8	
Benzene	0.800	U	100	100	92.09	93.02	
1,2-Dichloroethane	3.04	J	100	100	111.2	116.6	
Trichloroethene	1.80	U	100	100	97.60	95.96	
1,1,1-Trichloroethane	1.50	U	100	100	116.2	118.8	
1,1-Dichloroethane	1.10	U	100	100	100.8	103.4	
1,2-Dichloropropane	73.6		100	100	167.0	170.0	
2,2-Dichloropropane	1.30	U	100	100	117.4	116.7	
Dibromomethane	5.20	U	100	100	99.57	103.3	
Chloroform	1.30	U	100	100	99.68	98.75	
Bromodichloromethane	1.60	U	100	100	97.46	102.0	
2-Chloroethyl vinyl ether	5.00	U	100	100	83.91	88.77	
1,1-Dichloropropene	2.10	U	100	100	89.48	86.55	
cis-1,3-Dichloropropene	1.80	U	100	100	80.75	82.81	
Toluene	1.50	U	100	100	91.37	90.66	
trans-1,3-Dichloropropene	2.10	U	100	100	96.04	102.2	
1,1,2-Trichloroethane	2.80	U	100	100	88.79	88.98	
Tetrachloroethene	1.30	U	100	100	104.4	109.3	
1,3-Dichloropropane	2.39	J	100	100	83.95	85.90	
Chlorodibromomethane	1.90	J	100	100	94.80	99.08	
1,2-Dibromoethane	2.63	J	100	100	86.45	92.41	
Chlorobenzene	1.26	J	100	100	85.51	88.62	
1,1,1,2-Tetrachloroethane	1.80	U	100	100	95.15	98.79	
Ethylbenzene	1.10	U	100	100	90.33	91.17	
m-Xylene & p-Xylene	1.70	U	200	200	183.9	184.8	
Xylenes, Total	2.60	U	300	300	272.9	274.3	
o-Xylene	1.20	U	100	100	89.01	89.51	
Styrene	1.52	J	100	100	90.00	92.34	
Bromoform	1.90	U	100	100	93.76	102.2	
Isopropylbenzene	1.80	U	100	100	86.56	85.79	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81308-F-1 MSDL Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 10/23/2013 1604
Prep Date: 10/23/2013 1604
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-81308-F-1 MSDDL
Client Matrix: Water
Dilution: 10
Analysis Date: 10/23/2013 1630
Prep Date: 10/23/2013 1630
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Bromobenzene	3.74	J	100	100	92.41	93.88	
1,2,3-Trichloropropane	2.90	U	100	100	85.31	88.86	
1,1,2,2-Tetrachloroethane	2.20	U	100	100	86.49	95.03	
N-Propylbenzene	1.64	J	100	100	87.86	88.13	
2-Chlorotoluene	1.52	J	100	100	85.18	84.48	
4-Chlorotoluene	1.69	J	100	100	85.76	88.39	
1,3,5-Trimethylbenzene	1.17	J	100	100	88.31	88.97	
tert-Butylbenzene	1.15	J	100	100	87.03	86.64	
p-Isopropyltoluene	1.91	J	100	100	99.51	100.0	
1,2,4-Trimethylbenzene	1.65	J	100	100	88.18	91.09	
sec-Butylbenzene	1.45	J	100	100	85.94	85.40	
1,3-Dichlorobenzene	3.76	J	100	100	86.59	90.16	
1,4-Dichlorobenzene	4.61	J	100	100	87.80	94.76	
1,2-Dichlorobenzene	6.47	J	100	100	86.31	90.15	
n-Butylbenzene	2.60	J	100	100	91.96	92.77	
1,2-Dibromo-3-Chloropropane	14.0		100	100	76.47	101.2	
1,2,4-Trichlorobenzene	16.7		100	100	84.24	98.90	
Hexachlorobutadiene	10.8		100	100	94.60	96.91	
Naphthalene	17.1	J	100	100	57.40	79.01	F
1,2,3-Trichlorobenzene	27.2		100	100	80.06	102.2	F

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118869

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118869/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/24/2013 1416
Prep Date: 10/24/2013 1416
Leach Date: N/A

Analysis Batch: 600-118869
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS01
Lab File ID: C29706.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	1.204	J	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118869

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118869/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/24/2013 1416
 Prep Date: 10/24/2013 1416
 Leach Date: N/A

Analysis Batch: 600-118869
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29706.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.170	U	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	110	67 - 139
Dibromofluoromethane	100	62 - 130
Toluene-d8 (Surr)	110	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118869

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118869/4	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1259	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1259				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.298	93	12 - 136	
Chloromethane	10.0	10.63	106	32 - 151	
Vinyl chloride	10.0	8.154	82	47 - 146	
Bromomethane	10.0	5.877	59	52 - 146	
Chloroethane	10.0	8.295	83	56 - 144	
Trichlorofluoromethane	10.0	8.074	81	55 - 142	
1,1-Dichloroethene	10.0	7.250	72	59 - 145	
trans-1,2-Dichloroethene	10.0	9.067	91	70 - 132	
Methyl tert-butyl ether	10.0	7.556	76	63 - 142	
Methylene Chloride	10.0	10.69	107	62 - 134	
cis-1,2-Dichloroethene	10.0	8.832	88	69 - 129	
2-Butanone (MEK)	20.0	17.79	89	59 - 133	
Bromochloromethane	10.0	8.900	89	60 - 141	
Carbon tetrachloride	10.0	9.148	91	59 - 147	
Benzene	10.0	9.715	97	69 - 131	
1,2-Dichloroethane	10.0	8.169	82	66 - 140	
Trichloroethene	10.0	10.14	101	68 - 130	
1,1,1-Trichloroethane	10.0	9.167	92	65 - 142	
1,1-Dichloroethane	10.0	10.34	103	66 - 126	
1,2-Dichloropropane	10.0	10.70	107	72 - 125	
2,2-Dichloropropane	10.0	8.562	86	43 - 169	
Dibromomethane	10.0	9.188	92	68 - 134	
Chloroform	10.0	9.661	97	69 - 128	
Bromodichloromethane	10.0	9.423	94	73 - 130	
2-Chloroethyl vinyl ether	10.0	11.13	111	10 - 209	
1,1-Dichloropropene	10.0	9.312	93	59 - 134	
cis-1,3-Dichloropropene	10.0	8.770	88	60 - 135	
Toluene	10.0	10.41	104	67 - 130	
trans-1,3-Dichloropropene	10.0	9.321	93	63 - 133	
1,1,2-Trichloroethane	10.0	10.26	103	68 - 130	
Tetrachloroethene	10.0	11.87	119	61 - 142	
1,3-Dichloropropane	10.0	9.689	97	62 - 132	
Chlorodibromomethane	10.0	10.00	100	58 - 132	
1,2-Dibromoethane	10.0	10.06	101	68 - 128	
Chlorobenzene	10.0	10.06	101	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	10.20	102	57 - 136	
Ethylbenzene	10.0	10.41	104	68 - 128	
m-Xylene & p-Xylene	20.0	20.88	104	67 - 132	
Xylenes, Total	30.0	30.84	103	68 - 132	
o-Xylene	10.0	9.956	100	68 - 134	
Styrene	10.0	10.44	104	68 - 133	
Bromoform	10.0	10.15	102	39 - 149	
Isopropylbenzene	10.0	8.602	86	79 - 146	
Bromobenzene	10.0	9.527	95	61 - 134	
1,2,3-Trichloropropane	10.0	7.853	79	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	10.90	109	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118869

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118869/4	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29703.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1259	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1259				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	9.018	90	61 - 137	
2-Chlorotoluene	10.0	8.702	87	58 - 135	
4-Chlorotoluene	10.0	8.224	82	64 - 134	
1,3,5-Trimethylbenzene	10.0	8.680	87	63 - 132	
tert-Butylbenzene	10.0	8.540	85	67 - 148	
p-Isopropyltoluene	10.0	9.790	98	63 - 138	
1,2,4-Trimethylbenzene	10.0	8.613	86	63 - 131	
sec-Butylbenzene	10.0	8.706	87	61 - 134	
1,3-Dichlorobenzene	10.0	9.147	91	71 - 132	
1,4-Dichlorobenzene	10.0	9.408	94	72 - 131	
1,2-Dichlorobenzene	10.0	9.060	91	71 - 133	
n-Butylbenzene	10.0	8.976	90	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	7.635	76	43 - 141	
1,2,4-Trichlorobenzene	10.0	8.765	88	55 - 151	
Hexachlorobutadiene	10.0	8.993	90	53 - 140	
Naphthalene	10.0	5.936	59	19 - 195	
1,2,3-Trichlorobenzene	10.0	8.883	89	38 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	115	67 - 139
Dibromofluoromethane	106	62 - 130
Toluene-d8 (Surr)	125	70 - 130
1,2-Dichloroethane-d4 (Surr)	91	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81250-15DL	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29707.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1440	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1440				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81250-15DL	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29708.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1503	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1503				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	91	93	60 - 140	2	30		
Chloromethane	95	100	60 - 140	5	30		
Vinyl chloride	79	84	60 - 140	5	30		
Bromomethane	42	44	60 - 140	4	30	F	F
Chloroethane	76	79	60 - 140	4	30		
Trichlorofluoromethane	74	78	60 - 140	5	30		
1,1-Dichloroethene	71	76	22 - 143	6	30		
trans-1,2-Dichloroethene	87	94	60 - 140	7	30		
Methyl tert-butyl ether	72	76	60 - 140	6	30		
Methylene Chloride	92	100	60 - 140	7	30		
cis-1,2-Dichloroethene	84	92	60 - 140	7	30		
2-Butanone (MEK)	79	86	60 - 140	9	30		
Bromochloromethane	86	94	60 - 140	8	30		
Carbon tetrachloride	88	93	60 - 140	5	30		
Benzene	91	99	65 - 125	8	30		
1,2-Dichloroethane	77	80	60 - 140	3	30		
Trichloroethene	98	104	56 - 118	7	30		
1,1,1-Trichloroethane	86	93	60 - 140	7	30		
1,1-Dichloroethane	100	106	60 - 140	6	30		
1,2-Dichloropropane	99	107	60 - 140	7	30		
2,2-Dichloropropane	88	94	60 - 140	6	30		
Dibromomethane	89	98	60 - 140	9	30		
Chloroform	91	98	60 - 140	8	30		
Bromodichloromethane	89	96	60 - 140	8	30		
2-Chloroethyl vinyl ether	80	49	60 - 140	48	30		F
1,1-Dichloropropene	89	95	60 - 140	7	30		
cis-1,3-Dichloropropene	82	89	60 - 140	9	30		
Toluene	97	107	76 - 125	10	30		
trans-1,3-Dichloropropene	89	97	60 - 140	9	30		
1,1,2-Trichloroethane	98	108	60 - 140	9	30		
Tetrachloroethene	110	121	60 - 140	9	30		
1,3-Dichloropropane	89	97	60 - 140	8	30		
Chlorodibromomethane	92	99	60 - 140	8	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81250-15DL	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29707.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1440	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1440				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81250-15DL	Analysis Batch:	600-118869	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29708.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/24/2013 1503	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/24/2013 1503				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	92	103	60 - 140	11	30		
Chlorobenzene	91	100	72 - 122	9	30		
1,1,1,2-Tetrachloroethane	93	104	60 - 140	10	30		
Ethylbenzene	97	109	60 - 140	7	30		
m-Xylene & p-Xylene	98	108	60 - 140	9	30		
Xylenes, Total	96	106	60 - 140	9	30		
o-Xylene	93	102	60 - 140	9	30		
Styrene	95	106	60 - 140	10	30		
Bromoform	89	100	60 - 140	11	30		
Isopropylbenzene	79	88	60 - 140	8	30		
Bromobenzene	84	94	60 - 140	10	30		
1,2,3-Trichloropropane	66	75	60 - 140	11	30		
1,1,2,2-Tetrachloroethane	100	109	60 - 140	8	30		
N-Propylbenzene	81	91	60 - 140	7	30		
2-Chlorotoluene	78	88	60 - 140	11	30		
4-Chlorotoluene	76	82	60 - 140	8	30		
1,3,5-Trimethylbenzene	79	87	60 - 140	9	30		
tert-Butylbenzene	79	88	60 - 140	10	30		
p-Isopropyltoluene	91	102	60 - 140	11	30		
1,2,4-Trimethylbenzene	69	83	60 - 140	7	30		
sec-Butylbenzene	80	89	60 - 140	10	30		
1,3-Dichlorobenzene	81	91	60 - 140	11	30		
1,4-Dichlorobenzene	83	92	60 - 140	10	30		
1,2-Dichlorobenzene	77	89	60 - 140	13	30		
n-Butylbenzene	84	96	60 - 140	12	30		
1,2-Dibromo-3-Chloropropane	64	84	60 - 140	23	30		
1,2,4-Trichlorobenzene	62	84	60 - 140	24	30		
Hexachlorobutadiene	70	87	60 - 140	19	30		
Naphthalene	30	70	60 - 140	42	30	F	F
1,2,3-Trichlorobenzene	46	77	60 - 140	33	30	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	105		102	67 - 139			
Dibromofluoromethane	96		93	62 - 130			

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	109	109	70 - 130
1,2-Dichloroethane-d4 (Surr)	85	79	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81250-15DL Units: ug/L
Client Matrix: Water
Dilution: 20
Analysis Date: 10/24/2013 1440
Prep Date: 10/24/2013 1440
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-81250-15DL
Client Matrix: Water
Dilution: 20
Analysis Date: 10/24/2013 1503
Prep Date: 10/24/2013 1503
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	2.40 U	200	200	182.1	186.3
Chloromethane	3.60 U	200	200	190.1	200.4
Vinyl chloride	2.20 U	200	200	158.9	167.4
Bromomethane	5.00 U	200	200	84.52 F	88.16 F
Chloroethane	1.60 U	200	200	152.5	158.8
Trichlorofluoromethane	1.60 U	200	200	147.4	155.2
1,1-Dichloroethene	3.80 U	200	200	142.5	152.0
trans-1,2-Dichloroethene	1.80 U	200	200	173.6	187.1
Methyl tert-butyl ether	3.74 J	200	200	147.4	156.0
Methylene Chloride	16.5 J	200	200	201.0	216.3
cis-1,2-Dichloroethene	29.1	200	200	198.0	212.3
2-Butanone (MEK)	15.2 U	400	400	314.7	343.8
Bromochloromethane	3.60 U	200	200	172.5	187.4
Carbon tetrachloride	3.00 U	200	200	176.7	186.4
Benzene	5.68 J	200	200	188.4	204.0
1,2-Dichloroethane	3.89 J	200	200	158.4	163.3
Trichloroethene	3.60 U	200	200	195.6	208.9
1,1,1-Trichloroethane	3.00 U	200	200	172.9	185.7
1,1-Dichloroethane	22.8	200	200	222.2	235.6
1,2-Dichloropropane	3.59 J	200	200	202.3	216.7
2,2-Dichloropropane	2.60 U	200	200	176.1	187.4
Dibromomethane	10.4 U	200	200	178.5	195.3
Chloroform	2.60 U	200	200	181.2	196.5
Bromodichloromethane	3.20 U	200	200	177.3	192.9
2-Chloroethyl vinyl ether	10.0 U	200	200	159.1	97.28 F
1,1-Dichloropropene	4.20 U	200	200	177.2	190.5
cis-1,3-Dichloropropene	3.60 U	200	200	163.0	178.2
Toluene	3.00 U	200	200	194.8	214.4
trans-1,3-Dichloropropene	4.20 U	200	200	177.2	193.9
1,1,2-Trichloroethane	5.60 U	200	200	196.6	215.6
Tetrachloroethene	2.60 U	200	200	219.6	241.2
1,3-Dichloropropane	4.47 J	200	200	182.9	197.9
Chlorodibromomethane	4.65 J	200	200	187.9	203.2
1,2-Dibromoethane	4.83 J	200	200	189.6	210.7
Chlorobenzene	3.10 J	200	200	185.7	203.7
1,1,1,2-Tetrachloroethane	3.60 U	200	200	186.9	207.4
Ethylbenzene	136	200	200	330.4	354.7
m-Xylene & p-Xylene	59.7	400	400	450.0	490.0
Xylenes, Total	62.6	600	600	639.1	696.6
o-Xylene	2.87 J	200	200	189.1	206.6
Styrene	3.71 J	200	200	194.3	215.5
Bromoform	7.95 J	200	200	185.3	207.5
Isopropylbenzene	79.8	200	200	237.7	256.7

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-118869**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-81250-15DL Units: ug/L
Client Matrix: Water
Dilution: 20
Analysis Date: 10/24/2013 1440
Prep Date: 10/24/2013 1440
Leach Date: N/A
Run Type: DL

MSD Lab Sample ID: 600-81250-15DL
Client Matrix: Water
Dilution: 20
Analysis Date: 10/24/2013 1503
Prep Date: 10/24/2013 1503
Leach Date: N/A
Run Type: DL

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual		
Bromobenzene	6.34	J	200	200	175.0	194.0		
1,2,3-Trichloropropane	11.1	J	200	200	143.5	160.9		
1,1,2,2-Tetrachloroethane	4.40	U	200	200	200.9	218.7		
N-Propylbenzene	126		200	200	287.0	307.7		
2-Chlorotoluene	3.12	J	200	200	160.0	178.4		
4-Chlorotoluene	3.85	J	200	200	155.0	168.6		
1,3,5-Trimethylbenzene	5.82	J	200	200	164.6	179.7		
tert-Butylbenzene	2.55	J	200	200	160.3	177.8		
p-Isopropyltoluene	4.53	J	200	200	186.4	209.1		
1,2,4-Trimethylbenzene	269		200	200	407.6	435.7		
sec-Butylbenzene	9.71	J	200	200	170.5	187.5		
1,3-Dichlorobenzene	8.45	J	200	200	170.2	189.7		
1,4-Dichlorobenzene	10.3	J	200	200	176.3	194.8		
1,2-Dichlorobenzene	14.6	J	200	200	169.5	192.8		
n-Butylbenzene	11.3	J	200	200	179.6	202.4		
1,2-Dibromo-3-Chloropropane	25.1		200	200	153.1	192.3		
1,2,4-Trichlorobenzene	39.2		200	200	163.6	208.2		
Hexachlorobutadiene	17.8	J	200	200	157.5	190.9		
Naphthalene	92.8		200	200	152.6	233.5	F	F
1,2,3-Trichlorobenzene	60.9		200	200	152.7	214.0	F	F

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118922

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118922/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/25/2013 1058
 Prep Date: 10/25/2013 1058
 Leach Date: N/A

Analysis Batch: 600-118922
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29806.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	0.120	U	0.120	1.00
Chloromethane	0.180	U	0.180	2.00
Vinyl chloride	0.110	U	0.110	2.00
Bromomethane	0.250	U	0.250	2.00
Chloroethane	0.0800	U	0.0800	2.00
Trichlorofluoromethane	0.0800	U	0.0800	1.00
1,1-Dichloroethene	0.190	U	0.190	1.00
trans-1,2-Dichloroethene	0.0900	U	0.0900	1.00
Methyl tert-butyl ether	0.120	U	0.120	1.00
Methylene Chloride	0.3096	J	0.150	5.00
cis-1,2-Dichloroethene	0.0600	U	0.0600	1.00
2-Butanone (MEK)	0.760	U	0.760	2.00
Bromochloromethane	0.180	U	0.180	1.00
Carbon tetrachloride	0.150	U	0.150	1.00
Benzene	0.0800	U	0.0800	1.00
1,2-Dichloroethane	0.140	U	0.140	1.00
Trichloroethene	0.180	U	0.180	1.00
1,1,1-Trichloroethane	0.150	U	0.150	1.00
1,1-Dichloroethane	0.110	U	0.110	1.00
1,2-Dichloropropane	0.160	U	0.160	1.00
2,2-Dichloropropane	0.130	U	0.130	1.00
Dibromomethane	0.520	U	0.520	1.00
Chloroform	0.130	U	0.130	1.00
Bromodichloromethane	0.160	U	0.160	1.00
2-Chloroethyl vinyl ether	0.500	U	0.500	2.00
1,1-Dichloropropene	0.210	U	0.210	1.00
cis-1,3-Dichloropropene	0.180	U	0.180	1.00
Toluene	0.150	U	0.150	1.00
trans-1,3-Dichloropropene	0.210	U	0.210	1.00
1,1,2-Trichloroethane	0.280	U	0.280	1.00
Tetrachloroethene	0.130	U	0.130	1.00
1,3-Dichloropropane	0.220	U	0.220	1.00
Chlorodibromomethane	0.150	U	0.150	1.00
1,2-Dibromoethane	0.180	U	0.180	1.00
Chlorobenzene	0.120	U	0.120	1.00
1,1,1,2-Tetrachloroethane	0.180	U	0.180	1.00
Ethylbenzene	0.110	U	0.110	1.00
m-Xylene & p-Xylene	0.170	U	0.170	1.00
Xylenes, Total	0.260	U	0.260	1.00
o-Xylene	0.120	U	0.120	1.00
Styrene	0.0700	U	0.0700	1.00
Bromoform	0.190	U	0.190	1.00
Isopropylbenzene	0.180	U	0.180	1.00
Bromobenzene	0.190	U	0.190	1.00
1,2,3-Trichloropropane	0.290	U	0.290	1.00

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Method Blank - Batch: 600-118922

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 600-118922/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 10/25/2013 1058
 Prep Date: 10/25/2013 1058
 Leach Date: N/A

Analysis Batch: 600-118922
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS01
 Lab File ID: C29806.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.220	U	0.220	1.00
N-Propylbenzene	0.150	U	0.150	1.00
2-Chlorotoluene	0.130	U	0.130	1.00
4-Chlorotoluene	0.140	U	0.140	1.00
1,3,5-Trimethylbenzene	0.100	U	0.100	1.00
tert-Butylbenzene	0.0800	U	0.0800	1.00
p-Isopropyltoluene	0.100	U	0.100	1.00
1,2,4-Trimethylbenzene	0.140	U	0.140	1.00
sec-Butylbenzene	0.120	U	0.120	1.00
1,3-Dichlorobenzene	0.130	U	0.130	1.00
1,4-Dichlorobenzene	0.110	U	0.110	1.00
1,2-Dichlorobenzene	0.100	U	0.100	1.00
n-Butylbenzene	0.160	U	0.160	1.00
1,2-Dibromo-3-Chloropropane	0.810	U	0.810	1.00
1,2,4-Trichlorobenzene	0.310	U	0.310	1.00
Hexachlorobutadiene	0.2391	J	0.170	1.00
Naphthalene	0.320	U	0.320	2.00
1,2,3-Trichlorobenzene	0.570	U	0.570	1.00

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	67 - 139
Dibromofluoromethane	96	62 - 130
Toluene-d8 (Surr)	100	70 - 130
1,2-Dichloroethane-d4 (Surr)	86	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118922

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 600-118922/4	Analysis Batch:	600-118922	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29803.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/25/2013 1007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/25/2013 1007				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	9.849	98	12 - 136	
Chloromethane	10.0	6.343	63	32 - 151	
Vinyl chloride	10.0	9.075	91	47 - 146	
Bromomethane	10.0	5.774	58	52 - 146	
Chloroethane	10.0	8.711	87	56 - 144	
Trichlorofluoromethane	10.0	8.248	82	55 - 142	
1,1-Dichloroethene	10.0	7.474	75	59 - 145	
trans-1,2-Dichloroethene	10.0	9.122	91	70 - 132	
Methyl tert-butyl ether	10.0	7.695	77	63 - 142	
Methylene Chloride	10.0	10.23	102	62 - 134	
cis-1,2-Dichloroethene	10.0	9.219	92	69 - 129	
2-Butanone (MEK)	20.0	18.20	91	59 - 133	
Bromochloromethane	10.0	9.217	92	60 - 141	
Carbon tetrachloride	10.0	9.117	91	59 - 147	
Benzene	10.0	9.684	97	69 - 131	
1,2-Dichloroethane	10.0	8.360	84	66 - 140	
Trichloroethene	10.0	9.969	100	68 - 130	
1,1,1-Trichloroethane	10.0	8.935	89	65 - 142	
1,1-Dichloroethane	10.0	10.44	104	66 - 126	
1,2-Dichloropropane	10.0	10.65	107	72 - 125	
2,2-Dichloropropane	10.0	8.678	87	43 - 169	
Dibromomethane	10.0	9.320	93	68 - 134	
Chloroform	10.0	9.552	96	69 - 128	
Bromodichloromethane	10.0	9.247	92	73 - 130	
2-Chloroethyl vinyl ether	10.0	9.925	99	10 - 209	
1,1-Dichloropropene	10.0	9.121	91	59 - 134	
cis-1,3-Dichloropropene	10.0	8.487	85	60 - 135	
Toluene	10.0	10.15	101	67 - 130	
trans-1,3-Dichloropropene	10.0	9.148	91	63 - 133	
1,1,2-Trichloroethane	10.0	10.14	101	68 - 130	
Tetrachloroethene	10.0	11.37	114	61 - 142	
1,3-Dichloropropane	10.0	9.490	95	62 - 132	
Chlorodibromomethane	10.0	9.702	97	58 - 132	
1,2-Dibromoethane	10.0	9.991	100	68 - 128	
Chlorobenzene	10.0	9.556	96	60 - 136	
1,1,1,2-Tetrachloroethane	10.0	9.877	99	57 - 136	
Ethylbenzene	10.0	9.963	100	68 - 128	
m-Xylene & p-Xylene	20.0	19.98	100	67 - 132	
Xylenes, Total	30.0	29.56	99	68 - 132	
o-Xylene	10.0	9.581	96	68 - 134	
Styrene	10.0	10.09	101	68 - 133	
Bromoform	10.0	9.579	96	39 - 149	
Isopropylbenzene	10.0	7.894	79	79 - 146	
Bromobenzene	10.0	8.827	88	61 - 134	
1,2,3-Trichloropropane	10.0	7.504	75	52 - 157	
1,1,2,2-Tetrachloroethane	10.0	10.49	105	68 - 134	

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Control Sample - Batch: 600-118922

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 600-118922/4	Analysis Batch: 600-118922	Instrument ID: VOAMS01
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C29803.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 10/25/2013 1007	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 10/25/2013 1007		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Propylbenzene	10.0	8.380	84	61 - 137	
2-Chlorotoluene	10.0	8.152	82	58 - 135	
4-Chlorotoluene	10.0	7.692	77	64 - 134	
1,3,5-Trimethylbenzene	10.0	7.993	80	63 - 132	
tert-Butylbenzene	10.0	7.905	79	67 - 148	
p-Isopropyltoluene	10.0	9.218	92	63 - 138	
1,2,4-Trimethylbenzene	10.0	8.091	81	63 - 131	
sec-Butylbenzene	10.0	8.081	81	61 - 134	
1,3-Dichlorobenzene	10.0	8.601	86	71 - 132	
1,4-Dichlorobenzene	10.0	8.973	90	72 - 131	
1,2-Dichlorobenzene	10.0	8.656	87	71 - 133	
n-Butylbenzene	10.0	8.521	85	62 - 132	
1,2-Dibromo-3-Chloropropane	10.0	7.100	71	43 - 141	
1,2,4-Trichlorobenzene	10.0	7.853	79	55 - 151	
Hexachlorobutadiene	10.0	8.201	82	53 - 140	
Naphthalene	10.0	5.900	59	19 - 195	
1,2,3-Trichlorobenzene	10.0	8.527	85	38 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	108	67 - 139
Dibromofluoromethane	102	62 - 130
Toluene-d8 (Surr)	115	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118922

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	600-81250-10	Analysis Batch:	600-118922	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/25/2013 1148			Final Weight/Volume:	20 mL
Prep Date:	10/25/2013 1148				
Leach Date:	N/A				

MSD Lab Sample ID:	600-81250-10	Analysis Batch:	600-118922	Instrument ID:	VOAMS01
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C29809.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/25/2013 1214			Final Weight/Volume:	20 mL
Prep Date:	10/25/2013 1214				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	97	97	60 - 140	0	30		
Chloromethane	68	109	60 - 140	45	30		F
Vinyl chloride	92	91	60 - 140	1	30		
Bromomethane	58	61	60 - 140	5	30	F	
Chloroethane	85	87	60 - 140	2	30		
Trichlorofluoromethane	82	82	60 - 140	1	30		
1,1-Dichloroethene	74	78	22 - 143	5	30		
trans-1,2-Dichloroethene	86	92	60 - 140	7	30		
Methyl tert-butyl ether	74	77	60 - 140	4	30		
Methylene Chloride	88	93	60 - 140	6	30		
cis-1,2-Dichloroethene	85	90	60 - 140	5	30		
2-Butanone (MEK)	94	93	60 - 140	0	30		
Bromochloromethane	87	93	60 - 140	6	30		
Carbon tetrachloride	86	91	60 - 140	6	30		
Benzene	92	97	65 - 125	6	30		
1,2-Dichloroethane	79	83	60 - 140	6	30		
Trichloroethene	92	98	56 - 118	6	30		
1,1,1-Trichloroethane	84	87	60 - 140	4	30		
1,1-Dichloroethane	97	104	60 - 140	6	30		
1,2-Dichloropropane	100	107	60 - 140	7	30		
2,2-Dichloropropane	84	90	60 - 140	7	30		
Dibromomethane	89	97	60 - 140	9	30		
Chloroform	87	94	60 - 140	7	30		
Bromodichloromethane	85	91	60 - 140	8	30		
2-Chloroethyl vinyl ether	0	0	60 - 140	NC	30	U F	U F
1,1-Dichloropropene	85	90	60 - 140	5	30		
cis-1,3-Dichloropropene	76	82	60 - 140	7	30		
Toluene	94	101	76 - 125	7	30		
trans-1,3-Dichloropropene	85	92	60 - 140	7	30		
1,1,2-Trichloroethane	94	103	60 - 140	9	30		
Tetrachloroethene	105	112	60 - 140	5	30		
1,3-Dichloropropane	90	96	60 - 140	7	30		
Chlorodibromomethane	88	94	60 - 140	7	30		

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118922

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81250-10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1148
Prep Date: 10/25/2013 1148
Leach Date: N/A

Analysis Batch: 600-118922
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS01
Lab File ID: C29808.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 600-81250-10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1214
Prep Date: 10/25/2013 1214
Leach Date: N/A

Analysis Batch: 600-118922
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS01
Lab File ID: C29809.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2-Dibromoethane	92	100	60 - 140	8	30		
Chlorobenzene	89	96	72 - 122	7	30		
1,1,1,2-Tetrachloroethane	91	98	60 - 140	7	30		
Ethylbenzene	93	99	60 - 140	7	30		
m-Xylene & p-Xylene	93	100	60 - 140	7	30		
Xylenes, Total	92	99	60 - 140	7	30		
o-Xylene	89	96	60 - 140	8	30		
Styrene	63	101	60 - 140	46	30		F
Bromoform	91	100	60 - 140	8	30		
Isopropylbenzene	75	81	60 - 140	8	30		
Bromobenzene	82	92	60 - 140	11	30		
1,2,3-Trichloropropane	73	78	60 - 140	7	30		
1,1,2,2-Tetrachloroethane	101	110	60 - 140	9	30		
N-Propylbenzene	80	87	60 - 140	9	30		
2-Chlorotoluene	77	83	60 - 140	8	30		
4-Chlorotoluene	74	79	60 - 140	7	30		
1,3,5-Trimethylbenzene	75	82	60 - 140	9	30		
tert-Butylbenzene	75	81	60 - 140	9	30		
p-Isopropyltoluene	87	95	60 - 140	9	30		
1,2,4-Trimethylbenzene	76	83	60 - 140	8	30		
sec-Butylbenzene	76	83	60 - 140	9	30		
1,3-Dichlorobenzene	82	89	60 - 140	9	30		
1,4-Dichlorobenzene	85	94	60 - 140	10	30		
1,2-Dichlorobenzene	82	93	60 - 140	12	30		
n-Butylbenzene	79	86	60 - 140	9	30		
1,2-Dibromo-3-Chloropropane	69	80	60 - 140	16	30		
1,2,4-Trichlorobenzene	68	88	60 - 140	25	30		
Hexachlorobutadiene	72	80	60 - 140	11	30		
Naphthalene	48	75	60 - 140	45	30	F	F
1,2,3-Trichlorobenzene	72	98	60 - 140	31	30		F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	106		104	67 - 139			
Dibromofluoromethane	100		97	62 - 130			

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	110	108	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	84	50 - 134

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 600-118922

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 600-81250-10 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1148
Prep Date: 10/25/2013 1148
Leach Date: N/A

MSD Lab Sample ID: 600-81250-10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1214
Prep Date: 10/25/2013 1214
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	0.120 U	10.0	10.0	9.735	9.729
Chloromethane	0.209 J	10.0	10.0	6.989	11.09 F
Vinyl chloride	0.110 U	10.0	10.0	9.246	9.112
Bromomethane	0.250 U	10.0	10.0	5.781 F	6.096
Chloroethane	0.0800 U	10.0	10.0	8.529	8.663
Trichlorofluoromethane	0.0800 U	10.0	10.0	8.158	8.219
1,1-Dichloroethene	0.190 U	10.0	10.0	7.390	7.775
trans-1,2-Dichloroethene	0.0900 U	10.0	10.0	8.602	9.204
Methyl tert-butyl ether	0.282 J	10.0	10.0	7.643	7.953
Methylene Chloride	0.150 U	10.0	10.0	8.774	9.338
cis-1,2-Dichloroethene	0.0600 U	10.0	10.0	8.516	8.962
2-Butanone (MEK)	0.760 U	20.0	20.0	18.70	18.63
Bromochloromethane	0.180 U	10.0	10.0	8.716	9.286
Carbon tetrachloride	0.150 U	10.0	10.0	8.581	9.090
Benzene	0.0800 U	10.0	10.0	9.176	9.734
1,2-Dichloroethane	0.140 U	10.0	10.0	7.852	8.320
Trichloroethene	0.658 J	10.0	10.0	9.825	10.45
1,1,1-Trichloroethane	0.150 U	10.0	10.0	8.364	8.740
1,1-Dichloroethane	1.65	10.0	10.0	11.35	12.02
1,2-Dichloropropane	0.160 U	10.0	10.0	10.01	10.73
2,2-Dichloropropane	0.130 U	10.0	10.0	8.374	8.971
Dibromomethane	0.520 U	10.0	10.0	8.873	9.692
Chloroform	0.130 U	10.0	10.0	8.728	9.392
Bromodichloromethane	0.160 U	10.0	10.0	8.468	9.142
2-Chloroethyl vinyl ether	0.500 U	10.0	10.0	0.500 U F	0.500 U F
1,1-Dichloropropene	0.210 U	10.0	10.0	8.519	8.972
cis-1,3-Dichloropropene	0.180 U	10.0	10.0	7.644	8.166
Toluene	0.150 U	10.0	10.0	9.433	10.14
trans-1,3-Dichloropropene	0.210 U	10.0	10.0	8.518	9.152
1,1,2-Trichloroethane	0.280 U	10.0	10.0	9.400	10.29
Tetrachloroethene	1.44	10.0	10.0	11.94	12.61
1,3-Dichloropropane	0.220 U	10.0	10.0	8.959	9.574
Chlorodibromomethane	0.150 U	10.0	10.0	8.822	9.445
1,2-Dibromoethane	0.180 U	10.0	10.0	9.166	9.968
Chlorobenzene	0.120 U	10.0	10.0	8.935	9.588
1,1,1,2-Tetrachloroethane	0.180 U	10.0	10.0	9.112	9.786
Ethylbenzene	0.110 U	10.0	10.0	9.285	9.944
m-Xylene & p-Xylene	0.170 U	20.0	20.0	18.70	20.02
Xylenes, Total	0.260 U	30.0	30.0	27.58	29.67
o-Xylene	0.120 U	10.0	10.0	8.875	9.649
Styrene	0.0700 U	10.0	10.0	6.315	10.08 F
Bromoform	0.190 U	10.0	10.0	9.149	9.958
Isopropylbenzene	0.180 U	10.0	10.0	7.495	8.104

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 600-118922**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 600-81250-10 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1148
Prep Date: 10/25/2013 1148
Leach Date: N/A

MSD Lab Sample ID: 600-81250-10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 10/25/2013 1214
Prep Date: 10/25/2013 1214
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromobenzene	0.190	U	10.0	10.0	8.249	9.240
1,2,3-Trichloropropane	0.290	U	10.0	10.0	7.252	7.762
1,1,2,2-Tetrachloroethane	0.220	U	10.0	10.0	10.07	11.02
N-Propylbenzene	0.150	U	10.0	10.0	7.969	8.710
2-Chlorotoluene	0.130	U	10.0	10.0	7.660	8.312
4-Chlorotoluene	0.140	U	10.0	10.0	7.366	7.918
1,3,5-Trimethylbenzene	0.100	U	10.0	10.0	7.545	8.248
tert-Butylbenzene	0.0800	U	10.0	10.0	7.457	8.130
p-Isopropyltoluene	0.100	U	10.0	10.0	8.659	9.454
1,2,4-Trimethylbenzene	0.140	U	10.0	10.0	7.622	8.285
sec-Butylbenzene	0.120	U	10.0	10.0	7.628	8.308
1,3-Dichlorobenzene	0.130	U	10.0	10.0	8.193	8.941
1,4-Dichlorobenzene	0.110	U	10.0	10.0	8.501	9.400
1,2-Dichlorobenzene	0.100	U	10.0	10.0	8.211	9.301
n-Butylbenzene	0.160	U	10.0	10.0	7.899	8.649
1,2-Dibromo-3-Chloropropane	0.810	U	10.0	10.0	6.860	8.048
1,2,4-Trichlorobenzene	0.310	U	10.0	10.0	6.841	8.825
Hexachlorobutadiene	0.170	U	10.0	10.0	7.213	8.029
Naphthalene	0.320	U	10.0	10.0	4.760	F 7.535 F
1,2,3-Trichlorobenzene	0.570	U	10.0	10.0	7.185	9.778 F

DATA REPORTING QUALIFIERS

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Lab Section	Qualifier	Description
GC/MS VOA	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:600-118652					
LCS 600-118652/4	Lab Control Sample	T	Water	8260B	
MB 600-118652/5	Method Blank	T	Water	8260B	
600-81163-C-2 MS	Matrix Spike	T	Water	8260B	
600-81163-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
600-81250-1	ARTESIA-MW26-10152013	T	Water	8260B	
Analysis Batch:600-118680					
LCS 600-118680/4	Lab Control Sample	T	Water	8260B	
MB 600-118680/6	Method Blank	T	Water	8260B	
600-81250-4	ARTESIA-MW25-10152013	T	Water	8260B	
600-81250-4MS	Matrix Spike	T	Water	8260B	
600-81250-4MSD	Matrix Spike Duplicate	T	Water	8260B	
600-81250-5	ARTESIA-MW22-10152013	T	Water	8260B	
Analysis Batch:600-118798					
LCS 600-118798/5	Lab Control Sample	T	Water	8260B	
MB 600-118798/6	Method Blank	T	Water	8260B	
600-81250-12	ARTESIA-MW15-10142013	T	Water	8260B	
600-81250-13	ARTESIA-MW01-10142013	T	Water	8260B	
600-81250-14	ARTESIA-MW33-10142013	T	Water	8260B	
600-81250-15	ARTESIA-MW12-10142013	T	Water	8260B	
600-81250-16	ARTESIA-MW17C-10142013	T	Water	8260B	
600-81308-F-1 MSDL	Matrix Spike	T	Water	8260B	
600-81308-F-1 MSDDL	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:600-118869					
LCS 600-118869/4	Lab Control Sample	T	Water	8260B	
MB 600-118869/6	Method Blank	T	Water	8260B	
600-81250-2	ARTESIA-MW21-10152013	T	Water	8260B	
600-81250-3	ARTESIA-MW31-10152013	T	Water	8260B	
600-81250-6	ARTESIA-MW20-10152013	T	Water	8260B	
600-81250-7	ARTESIA-MW18-10152013	T	Water	8260B	
600-81250-8	ARTESIA-MW07-10152013	T	Water	8260B	
600-81250-9	ARTESIA-MW08-10162013	T	Water	8260B	
600-81250-11	ARTESIA-DUP01-10162013	T	Water	8260B	
600-81250-15DL	ARTESIA-MW12-10142013	T	Water	8260B	
600-81250-15MSDL	Matrix Spike	T	Water	8260B	
600-81250-15MSDDL	Matrix Spike Duplicate	T	Water	8260B	
600-81250-17	ARTESIA-TB01-10142013	T	Water	8260B	
600-81250-18	ARTESIA-MW32-10152013	T	Water	8260B	
600-81250-19	ARTESIA-MW30-10152013	T	Water	8260B	
600-81250-20	ARTESIA-DUP02-10152013	T	Water	8260B	
600-81250-21	ARTESIA-MW29-10152013	T	Water	8260B	
600-81250-22	ARTESIA-MW28-10152013	T	Water	8260B	

TestAmerica Houston

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:600-118922					
LCS 600-118922/4	Lab Control Sample	T	Water	8260B	
MB 600-118922/6	Method Blank	T	Water	8260B	
600-81250-10	ARTESIA-MW11-10162013	T	Water	8260B	
600-81250-10MS	Matrix Spike	T	Water	8260B	
600-81250-10MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: 600-81250-1

Client ID: ARTESIA-MW26-10152013

Sample Date/Time: 10/15/2013 10:50

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-1		600-118652		10/21/2013 19:57	1	TAL HOU	WS1
A:8260B	600-81250-A-1		600-118652		10/21/2013 19:57	1	TAL HOU	WS1

Lab ID: 600-81250-2

Client ID: ARTESIA-MW21-10152013

Sample Date/Time: 10/15/2013 12:20

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-2		600-118869		10/24/2013 16:46	1	TAL HOU	WS1
A:8260B	600-81250-B-2		600-118869		10/24/2013 16:46	1	TAL HOU	WS1

Lab ID: 600-81250-3

Client ID: ARTESIA-MW31-10152013

Sample Date/Time: 10/15/2013 13:05

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-3		600-118869		10/24/2013 17:12	1	TAL HOU	WS1
A:8260B	600-81250-B-3		600-118869		10/24/2013 17:12	1	TAL HOU	WS1

Lab ID: 600-81250-4

Client ID: ARTESIA-MW25-10152013

Sample Date/Time: 10/15/2013 13:35

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-4		600-118680		10/22/2013 11:50	1	TAL HOU	WS1
A:8260B	600-81250-A-4		600-118680		10/22/2013 11:50	1	TAL HOU	WS1

Lab ID: 600-81250-4 MS

Client ID: ARTESIA-MW25-10152013

Sample Date/Time: 10/15/2013 13:35

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-4 MS		600-118680		10/22/2013 12:46	1	TAL HOU	WS1
A:8260B	600-81250-A-4 MS		600-118680		10/22/2013 12:46	1	TAL HOU	WS1

Lab ID: 600-81250-4 MSD

Client ID: ARTESIA-MW25-10152013

Sample Date/Time: 10/15/2013 13:35

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-4 MSD		600-118680		10/22/2013 13:12	1	TAL HOU	WS1
A:8260B	600-81250-A-4 MSD		600-118680		10/22/2013 13:12	1	TAL HOU	WS1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: 600-81250-5

Client ID: ARTESIA-MW22-10152013

Sample Date/Time: 10/15/2013 14:25

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-5		600-118680		10/22/2013 12:18	1	TAL HOU	WS1
A:8260B	600-81250-A-5		600-118680		10/22/2013 12:18	1	TAL HOU	WS1

Lab ID: 600-81250-6

Client ID: ARTESIA-MW20-10152013

Sample Date/Time: 10/15/2013 15:10

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-6		600-118869		10/24/2013 18:55	1	TAL HOU	WS1
A:8260B	600-81250-B-6		600-118869		10/24/2013 18:55	1	TAL HOU	WS1

Lab ID: 600-81250-7

Client ID: ARTESIA-MW18-10152013

Sample Date/Time: 10/15/2013 15:45

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-7		600-118869		10/24/2013 19:20	1	TAL HOU	WS1
A:8260B	600-81250-B-7		600-118869		10/24/2013 19:20	1	TAL HOU	WS1

Lab ID: 600-81250-8

Client ID: ARTESIA-MW07-10152013

Sample Date/Time: 10/15/2013 16:25

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-8		600-118869		10/24/2013 17:38	1	TAL HOU	WS1
A:8260B	600-81250-B-8		600-118869		10/24/2013 17:38	1	TAL HOU	WS1

Lab ID: 600-81250-9

Client ID: ARTESIA-MW08-10162013

Sample Date/Time: 10/16/2013 08:20

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-9		600-118869		10/24/2013 18:03	1	TAL HOU	WS1
A:8260B	600-81250-B-9		600-118869		10/24/2013 18:03	1	TAL HOU	WS1

Lab ID: 600-81250-10

Client ID: ARTESIA-MW11-10162013

Sample Date/Time: 10/16/2013 07:25

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-C-10		600-118922		10/25/2013 11:23	1	TAL HOU	WS1
A:8260B	600-81250-C-10		600-118922		10/25/2013 11:23	1	TAL HOU	WS1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: 600-81250-10

Client ID: ARTESIA-MW11-10162013

Sample Date/Time: 10/16/2013 07:25

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-C-10 MS		600-118922		10/25/2013 11:48	1	TAL HOU	WS1
A:8260B	600-81250-C-10 MS		600-118922		10/25/2013 11:48	1	TAL HOU	WS1

Lab ID: 600-81250-10

Client ID: ARTESIA-MW11-10162013

Sample Date/Time: 10/16/2013 07:25

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-C-10 MSD		600-118922		10/25/2013 12:14	1	TAL HOU	WS1
A:8260B	600-81250-C-10 MSD		600-118922		10/25/2013 12:14	1	TAL HOU	WS1

Lab ID: 600-81250-11

Client ID: ARTESIA-DUP01-10162013

Sample Date/Time: 10/16/2013 11:00

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-11		600-118869		10/24/2013 18:29	1	TAL HOU	WS1
A:8260B	600-81250-A-11		600-118869		10/24/2013 18:29	1	TAL HOU	WS1

Lab ID: 600-81250-12

Client ID: ARTESIA-MW15-10142013

Sample Date/Time: 10/14/2013 14:40

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-12		600-118798		10/23/2013 18:39	1	TAL HOU	YX1
A:8260B	600-81250-A-12		600-118798		10/23/2013 18:39	1	TAL HOU	YX1

Lab ID: 600-81250-13

Client ID: ARTESIA-MW01-10142013

Sample Date/Time: 10/14/2013 14:10

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-13		600-118798		10/23/2013 19:04	1	TAL HOU	YX1
A:8260B	600-81250-A-13		600-118798		10/23/2013 19:04	1	TAL HOU	YX1

Lab ID: 600-81250-14

Client ID: ARTESIA-MW33-10142013

Sample Date/Time: 10/14/2013 16:35

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-14		600-118798		10/23/2013 19:30	1	TAL HOU	YX1
A:8260B	600-81250-A-14		600-118798		10/23/2013 19:30	1	TAL HOU	YX1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: 600-81250-15

Client ID: ARTESIA-MW12-10142013

Sample Date/Time: 10/14/2013 15:20

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-15		600-118798		10/23/2013 19:56	1	TAL HOU	YX1
A:8260B	600-81250-A-15		600-118798		10/23/2013 19:56	1	TAL HOU	YX1
P:5030B	600-81250-B-15	DL	600-118869		10/24/2013 15:29	20	TAL HOU	WS1
A:8260B	600-81250-B-15	DL	600-118869		10/24/2013 15:29	20	TAL HOU	WS1

Lab ID: 600-81250-15 MS

Client ID: ARTESIA-MW12-10142013

Sample Date/Time: 10/14/2013 15:20

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-15 MS	DL	600-118869		10/24/2013 14:40	20	TAL HOU	WS1
A:8260B	600-81250-B-15 MS	DL	600-118869		10/24/2013 14:40	20	TAL HOU	WS1

Lab ID: 600-81250-15 MSD

Client ID: ARTESIA-MW12-10142013

Sample Date/Time: 10/14/2013 15:20

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-15 MSD	DL	600-118869		10/24/2013 15:03	20	TAL HOU	WS1
A:8260B	600-81250-B-15 MSD	DL	600-118869		10/24/2013 15:03	20	TAL HOU	WS1

Lab ID: 600-81250-16

Client ID: ARTESIA-MW17C-10142013

Sample Date/Time: 10/14/2013 15:50

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-16		600-118798		10/23/2013 20:21	1	TAL HOU	YX1
A:8260B	600-81250-A-16		600-118798		10/23/2013 20:21	1	TAL HOU	YX1

Lab ID: 600-81250-17

Client ID: ARTESIA-TB01-10142013

Sample Date/Time: 10/14/2013 12:00

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-17		600-118869		10/24/2013 19:46	1	TAL HOU	WS1
A:8260B	600-81250-B-17		600-118869		10/24/2013 19:46	1	TAL HOU	WS1

Lab ID: 600-81250-18

Client ID: ARTESIA-MW32-10152013

Sample Date/Time: 10/15/2013 06:55

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-18		600-118869		10/24/2013 20:12	1	TAL HOU	WS1
A:8260B	600-81250-B-18		600-118869		10/24/2013 20:12	1	TAL HOU	WS1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: 600-81250-19

Client ID: ARTESIA-MW30-10152013

Sample Date/Time: 10/15/2013 07:40

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-B-19		600-118869		10/24/2013 20:38	1	TAL HOU	WS1
A:8260B	600-81250-B-19		600-118869		10/24/2013 20:38	1	TAL HOU	WS1

Lab ID: 600-81250-20

Client ID: ARTESIA-DUP02-10152013

Sample Date/Time: 10/15/2013 08:00

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-20		600-118869		10/24/2013 21:03	1	TAL HOU	WS1
A:8260B	600-81250-A-20		600-118869		10/24/2013 21:03	1	TAL HOU	WS1

Lab ID: 600-81250-21

Client ID: ARTESIA-MW29-10152013

Sample Date/Time: 10/15/2013 09:45

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-21		600-118869		10/24/2013 21:29	1	TAL HOU	WS1
A:8260B	600-81250-A-21		600-118869		10/24/2013 21:29	1	TAL HOU	WS1

Lab ID: 600-81250-22

Client ID: ARTESIA-MW28-10152013

Sample Date/Time: 10/15/2013 10:15

Received Date/Time: 10/18/2013 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81250-A-22		600-118869		10/24/2013 21:55	1	TAL HOU	WS1
A:8260B	600-81250-A-22		600-118869		10/24/2013 21:55	1	TAL HOU	WS1

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 600-118652/5		600-118652		10/21/2013 11:19	1	TAL HOU	WS1
A:8260B	MB 600-118652/5		600-118652		10/21/2013 11:19	1	TAL HOU	WS1
P:5030B	MB 600-118680/6		600-118680		10/22/2013 11:25	1	TAL HOU	WS1
A:8260B	MB 600-118680/6		600-118680		10/22/2013 11:25	1	TAL HOU	WS1
P:5030B	MB 600-118798/6		600-118798		10/23/2013 15:39	1	TAL HOU	YX1
A:8260B	MB 600-118798/6		600-118798		10/23/2013 15:39	1	TAL HOU	YX1
P:5030B	MB 600-118869/6		600-118869		10/24/2013 14:16	1	TAL HOU	WS1
A:8260B	MB 600-118869/6		600-118869		10/24/2013 14:16	1	TAL HOU	WS1
P:5030B	MB 600-118922/6		600-118922		10/25/2013 10:58	1	TAL HOU	WS1
A:8260B	MB 600-118922/6		600-118922		10/25/2013 10:58	1	TAL HOU	WS1

Quality Control Results

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 600-118652/4		600-118652		10/21/2013 10:27	1	TAL HOU	WS1
A:8260B	LCS 600-118652/4		600-118652		10/21/2013 10:27	1	TAL HOU	WS1
P:5030B	LCS 600-118680/4		600-118680		10/22/2013 10:03	1	TAL HOU	WS1
A:8260B	LCS 600-118680/4		600-118680		10/22/2013 10:03	1	TAL HOU	WS1
P:5030B	LCS 600-118798/5		600-118798		10/23/2013 14:47	1	TAL HOU	YX1
A:8260B	LCS 600-118798/5		600-118798		10/23/2013 14:47	1	TAL HOU	YX1
P:5030B	LCS 600-118869/4		600-118869		10/24/2013 12:59	1	TAL HOU	WS1
A:8260B	LCS 600-118869/4		600-118869		10/24/2013 12:59	1	TAL HOU	WS1
P:5030B	LCS 600-118922/4		600-118922		10/25/2013 10:07	1	TAL HOU	WS1
A:8260B	LCS 600-118922/4		600-118922		10/25/2013 10:07	1	TAL HOU	WS1

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81163-C-2 MS		600-118652		10/21/2013 12:22	2000	TAL HOU	WS1
A:8260B	600-81163-C-2 MS		600-118652		10/21/2013 12:22	2000	TAL HOU	WS1
P:5030B	600-81308-F-1 MS	DL	600-118798		10/23/2013 16:04	10	TAL HOU	YX1
A:8260B	600-81308-F-1 MS	DL	600-118798		10/23/2013 16:04	10	TAL HOU	YX1

Lab ID: MSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	600-81163-C-2 MSD		600-118652		10/21/2013 12:47	2000	TAL HOU	WS1
A:8260B	600-81163-C-2 MSD		600-118652		10/21/2013 12:47	2000	TAL HOU	WS1
P:5030B	600-81308-F-1 MSD	DL	600-118798		10/23/2013 16:30	10	TAL HOU	YX1
A:8260B	600-81308-F-1 MSD	DL	600-118798		10/23/2013 16:30	10	TAL HOU	YX1

Lab References:

TAL HOU = TestAmerica Houston

Certification Summary

Client: CH2M Hill Constructors, Inc.

TestAmerica Job ID: 600-81250-1

Project/Site: Dowell - Artesia GWs, 10/14 - 10/16/13

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Houston	Arkansas DEQ	State Program	6	88-0759
TestAmerica Houston	Louisiana	NELAP	6	01967
TestAmerica Houston	Oklahoma	State Program	6	9503
TestAmerica Houston	Texas	NELAP	6	T104704223-10-6-TX
TestAmerica Houston	USDA	Federal		P330-08-00217
TestAmerica Houston	Utah	NELAP	8	GULF

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

8260B_LL

Volatile Organic Compounds (GC/MS)
by Method 8260B Low Level

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
ARTESIA-MW26-10152 013	600-81250-1	101	99	101	123
ARTESIA-MW21-10152 013	600-81250-2	95	84	104	106
ARTESIA-MW31-10152 013	600-81250-3	100	89	109	112
ARTESIA-MW25-10152 013	600-81250-4	100	104	94	97
ARTESIA-MW22-10152 013	600-81250-5	101	101	93	94
ARTESIA-MW20-10152 013	600-81250-6	98	87	105	108
ARTESIA-MW18-10152 013	600-81250-7	101	91	106	108
ARTESIA-MW07-10152 013	600-81250-8	98	89	101	104
ARTESIA-MW08-10162 013	600-81250-9	99	90	106	109
ARTESIA-MW11-10162 013	600-81250-10	99	89	104	112
ARTESIA-DUP01-1016 2013	600-81250-11	100	90	108	108
ARTESIA-MW15-10142 013	600-81250-12	103	123	98	121
ARTESIA-MW01-10142 013	600-81250-13	97	115	96	111
ARTESIA-MW33-10142 013	600-81250-14	100	116	96	118
ARTESIA-MW12-10142 013	600-81250-15	96	110	74	104
ARTESIA-MW12-10142 013 DL	600-81250-15 DL	93	80	106	105
ARTESIA-MW17C-1014 2013	600-81250-16	86	125	127	71
ARTESIA-TB01-10142 013	600-81250-17	102	92	108	112
ARTESIA-MW32-10152 013	600-81250-18	103	93	105	109
ARTESIA-MW30-10152 013	600-81250-19	105	94	107	114
ARTESIA-DUP02-1015 2013	600-81250-20	104	93	105	114
ARTESIA-MW29-10152 013	600-81250-21	102	94	107	110
ARTESIA-MW28-10152 013	600-81250-22	102	93	104	109
	MB 600-118652/5	101	109	97	116
	MB 600-118680/6	102	106	99	120

DBFM = Dibromofluoromethane
 DCA = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene

QC LIMITS
 62-130
 50-134
 70-130
 67-139

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MB 600-118798/6	99	116	99	118
	MB 600-118869/6	100	89	110	110
	MB 600-118922/6	96	86	100	104
	LCS 600-118652/4	108	114	104	122
	LCS 600-118680/4	105	101	105	121
	LCS 600-118798/5	71	84	76	79
	LCS 600-118869/4	106	91	125	115
	LCS 600-118922/4	102	89	115	108
ARTESIA-MW25-10152 013 MS	600-81250-4 MS	112	114	107	125
ARTESIA-MW11-10162 013 MS	600-81250-10 MS	100	89	110	106
ARTESIA-MW12-10142 013 MS DL	600-81250-15 MS DL	96	85	109	105
	600-81163-C-2 MS	109	117	102	122
	600-81308-F-1 MS DL	99	115	102	117
ARTESIA-MW25-10152 013 MSD	600-81250-4 MSD	111	110	104	121
ARTESIA-MW11-10162 013 MSD	600-81250-10 MSD	97	84	108	104
ARTESIA-MW12-10142 013 MSD DL	600-81250-15 MSD DL	93	79	109	102
	600-81163-C-2 MSD	104	108	100	123
	600-81308-F-1 MSD DL	104	118	105	119

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane	62-130
DCA = 1,2-Dichloroethane-d4 (Surr)	50-134
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	67-139

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29403.D
 Lab ID: LCS 600-118652/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.673	97	12-136	
Chloromethane	10.0	9.209	92	32-151	
Vinyl chloride	10.0	9.178	92	47-146	
Bromomethane	10.0	8.393	84	52-146	
Chloroethane	10.0	8.651	87	56-144	
Trichlorofluoromethane	10.0	10.55	105	55-142	
1,1-Dichloroethene	10.0	11.95	120	59-145	
trans-1,2-Dichloroethene	10.0	9.589	96	70-132	
Methyl tert-butyl ether	10.0	9.355	94	63-142	
Methylene Chloride	10.0	9.235	92	62-134	
cis-1,2-Dichloroethene	10.0	9.586	96	69-129	
2-Butanone (MEK)	20.0	18.07	90	59-133	
Bromochloromethane	10.0	9.136	91	60-141	
Carbon tetrachloride	10.0	10.95	110	59-147	
Benzene	10.0	9.718	97	69-131	
1,2-Dichloroethane	10.0	9.975	100	66-140	
Trichloroethene	10.0	9.772	98	68-130	
1,1,1-Trichloroethane	10.0	11.02	110	65-142	
1,1-Dichloroethane	10.0	10.40	104	66-126	
1,2-Dichloropropane	10.0	9.896	99	72-125	
2,2-Dichloropropane	10.0	11.05	110	43-169	
Dibromomethane	10.0	9.697	97	68-134	
Chloroform	10.0	9.774	98	69-128	
Bromodichloromethane	10.0	9.883	99	73-130	
2-Chloroethyl vinyl ether	10.0	9.421	94	10-209	
1,1-Dichloropropene	10.0	9.273	93	59-134	
cis-1,3-Dichloropropene	10.0	8.695	87	60-135	
Toluene	10.0	9.622	96	67-130	
trans-1,3-Dichloropropene	10.0	10.05	101	63-133	
1,1,2-Trichloroethane	10.0	9.394	94	68-130	
Tetrachloroethene	10.0	9.931	99	61-142	
1,3-Dichloropropane	10.0	9.171	92	62-132	
Chlorodibromomethane	10.0	9.804	98	58-132	
1,2-Dibromoethane	10.0	9.166	92	68-128	
Chlorobenzene	10.0	9.070	91	60-136	
1,1,1,2-Tetrachloroethane	10.0	9.539	95	57-136	
Ethylbenzene	10.0	9.393	94	68-128	
m-Xylene & p-Xylene	20.0	18.92	95	67-132	
Xylenes, Total	30.0	28.01	93	68-132	
o-Xylene	10.0	9.093	91	68-134	
Styrene	10.0	9.549	95	68-133	
Bromoform	10.0	8.812	88	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29403.D
 Lab ID: LCS 600-118652/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.468	95	79-146	
Bromobenzene	10.0	9.545	95	61-134	
1,2,3-Trichloropropane	10.0	9.067	91	52-157	
1,1,2,2-Tetrachloroethane	10.0	9.484	95	68-134	
N-Propylbenzene	10.0	9.612	96	61-137	
2-Chlorotoluene	10.0	8.986	90	58-135	
4-Chlorotoluene	10.0	9.463	95	64-134	
1,3,5-Trimethylbenzene	10.0	9.698	97	63-132	
tert-Butylbenzene	10.0	9.497	95	67-148	
p-Isopropyltoluene	10.0	10.69	107	63-138	
1,2,4-Trimethylbenzene	10.0	9.557	96	63-131	
sec-Butylbenzene	10.0	9.489	95	61-134	
1,3-Dichlorobenzene	10.0	9.229	92	71-132	
1,4-Dichlorobenzene	10.0	9.518	95	72-131	
1,2-Dichlorobenzene	10.0	9.084	91	71-133	
n-Butylbenzene	10.0	10.15	101	62-132	
1,2-Dibromo-3-Chloropropane	10.0	8.192	82	43-141	
1,2,4-Trichlorobenzene	10.0	9.238	92	55-151	
Hexachlorobutadiene	10.0	9.737	97	53-140	
Naphthalene	10.0	8.837	88	19-195	
1,2,3-Trichlorobenzene	10.0	9.278	93	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29503.D
 Lab ID: LCS 600-118680/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.041	90	12-136	
Chloromethane	10.0	8.513	85	32-151	
Vinyl chloride	10.0	7.805	78	47-146	
Bromomethane	10.0	5.260	53	52-146	
Chloroethane	10.0	7.717	77	56-144	
Trichlorofluoromethane	10.0	7.795	78	55-142	
1,1-Dichloroethene	10.0	9.427	94	59-145	
trans-1,2-Dichloroethene	10.0	9.036	90	70-132	
Methyl tert-butyl ether	10.0	8.912	89	63-142	
Methylene Chloride	10.0	10.18	102	62-134	
cis-1,2-Dichloroethene	10.0	9.077	91	69-129	
2-Butanone (MEK)	20.0	15.59	78	59-133	
Bromochloromethane	10.0	8.831	88	60-141	
Carbon tetrachloride	10.0	9.661	97	59-147	
Benzene	10.0	9.131	91	69-131	
1,2-Dichloroethane	10.0	8.955	90	66-140	
Trichloroethene	10.0	9.320	93	68-130	
1,1,1-Trichloroethane	10.0	10.17	102	65-142	
1,1-Dichloroethane	10.0	9.704	97	66-126	
1,2-Dichloropropane	10.0	9.389	94	72-125	
2,2-Dichloropropane	10.0	10.04	100	43-169	
Dibromomethane	10.0	9.462	95	68-134	
Chloroform	10.0	9.101	91	69-128	
Bromodichloromethane	10.0	9.314	93	73-130	
2-Chloroethyl vinyl ether	10.0	9.536	95	10-209	
1,1-Dichloropropene	10.0	8.710	87	59-134	
cis-1,3-Dichloropropene	10.0	8.622	86	60-135	
Toluene	10.0	9.207	92	67-130	
trans-1,3-Dichloropropene	10.0	9.549	95	63-133	
1,1,2-Trichloroethane	10.0	8.795	88	68-130	
Tetrachloroethene	10.0	9.317	93	61-142	
1,3-Dichloropropane	10.0	8.833	88	62-132	
Chlorodibromomethane	10.0	9.494	95	58-132	
1,2-Dibromoethane	10.0	9.318	93	68-128	
Chlorobenzene	10.0	8.658	87	60-136	
1,1,1,2-Tetrachloroethane	10.0	9.427	94	57-136	
Ethylbenzene	10.0	9.410	94	68-128	
m-Xylene & p-Xylene	20.0	18.26	91	67-132	
Xylenes, Total	30.0	27.15	91	68-132	
o-Xylene	10.0	8.891	89	68-134	
Styrene	10.0	9.048	90	68-133	
Bromoform	10.0	9.603	96	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29503.D
 Lab ID: LCS 600-118680/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.320	93	79-146	
Bromobenzene	10.0	9.405	94	61-134	
1,2,3-Trichloropropane	10.0	8.479	85	52-157	
1,1,2,2-Tetrachloroethane	10.0	9.498	95	68-134	
N-Propylbenzene	10.0	9.396	94	61-137	
2-Chlorotoluene	10.0	9.011	90	58-135	
4-Chlorotoluene	10.0	8.960	90	64-134	
1,3,5-Trimethylbenzene	10.0	9.303	93	63-132	
tert-Butylbenzene	10.0	9.110	91	67-148	
p-Isopropyltoluene	10.0	10.20	102	63-138	
1,2,4-Trimethylbenzene	10.0	9.241	92	63-131	
sec-Butylbenzene	10.0	9.107	91	61-134	
1,3-Dichlorobenzene	10.0	8.886	89	71-132	
1,4-Dichlorobenzene	10.0	9.132	91	72-131	
1,2-Dichlorobenzene	10.0	9.843	98	71-133	
n-Butylbenzene	10.0	11.14	111	62-132	
1,2-Dibromo-3-Chloropropane	10.0	10.15	102	43-141	
1,2,4-Trichlorobenzene	10.0	8.669	87	55-151	
Hexachlorobutadiene	10.0	8.939	89	53-140	
Naphthalene	10.0	6.976	70	19-195	
1,2,3-Trichlorobenzene	10.0	8.437	84	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29604.D
 Lab ID: LCS 600-118798/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.96	120	12-136	
Chloromethane	10.0	8.204	82	32-151	
Vinyl chloride	10.0	6.881	69	47-146	
Bromomethane	10.0	6.425	64	52-146	
Chloroethane	10.0	7.020	70	56-144	
Trichlorofluoromethane	10.0	10.89	109	55-142	
1,1-Dichloroethene	10.0	8.458	85	59-145	
trans-1,2-Dichloroethene	10.0	8.086	81	70-132	
Methyl tert-butyl ether	10.0	7.845	78	63-142	
Methylene Chloride	10.0	8.173	82	62-134	
cis-1,2-Dichloroethene	10.0	7.816	78	69-129	
2-Butanone (MEK)	20.0	14.26	71	59-133	
Bromochloromethane	10.0	7.400	74	60-141	
Carbon tetrachloride	10.0	11.54	115	59-147	
Benzene	10.0	8.751	88	69-131	
1,2-Dichloroethane	10.0	10.65	107	66-140	
Trichloroethene	10.0	9.338	93	68-130	
1,1,1-Trichloroethane	10.0	11.27	113	65-142	
1,1-Dichloroethane	10.0	9.085	91	66-126	
1,2-Dichloropropane	10.0	9.300	93	72-125	
2,2-Dichloropropane	10.0	11.54	115	43-169	
Dibromomethane	10.0	9.908	99	68-134	
Chloroform	10.0	9.675	97	69-128	
Bromodichloromethane	10.0	10.23	102	73-130	
2-Chloroethyl vinyl ether	10.0	18.58	186	10-209	
1,1-Dichloropropene	10.0	8.693	87	59-134	
cis-1,3-Dichloropropene	10.0	10.06	101	60-135	
Toluene	10.0	9.315	93	67-130	
trans-1,3-Dichloropropene	10.0	10.03	100	63-133	
1,1,2-Trichloroethane	10.0	9.299	93	68-130	
Tetrachloroethene	10.0	10.50	105	61-142	
1,3-Dichloropropane	10.0	9.145	91	62-132	
Chlorodibromomethane	10.0	10.14	101	58-132	
1,2-Dibromoethane	10.0	9.492	95	68-128	
Chlorobenzene	10.0	9.727	97	60-136	
1,1,1,2-Tetrachloroethane	10.0	10.50	105	57-136	
Ethylbenzene	10.0	9.895	99	68-128	
m-Xylene & p-Xylene	20.0	20.40	102	67-132	
Xylenes, Total	30.0	30.41	101	68-132	
o-Xylene	10.0	10.01	100	68-134	
Styrene	10.0	9.976	100	68-133	
Bromoform	10.0	10.95	110	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29604.D
 Lab ID: LCS 600-118798/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	9.761	98	79-146	
Bromobenzene	10.0	9.889	99	61-134	
1,2,3-Trichloropropane	10.0	8.849	88	52-157	
1,1,2,2-Tetrachloroethane	10.0	9.698	97	68-134	
N-Propylbenzene	10.0	9.978	100	61-137	
2-Chlorotoluene	10.0	9.649	96	58-135	
4-Chlorotoluene	10.0	9.824	98	64-134	
1,3,5-Trimethylbenzene	10.0	9.986	100	63-132	
tert-Butylbenzene	10.0	9.697	97	67-148	
p-Isopropyltoluene	10.0	10.00	100	63-138	
1,2,4-Trimethylbenzene	10.0	9.698	97	63-131	
sec-Butylbenzene	10.0	9.720	97	61-134	
1,3-Dichlorobenzene	10.0	9.470	95	71-132	
1,4-Dichlorobenzene	10.0	9.555	96	72-131	
1,2-Dichlorobenzene	10.0	9.364	94	71-133	
n-Butylbenzene	10.0	10.32	103	62-132	
1,2-Dibromo-3-Chloropropane	10.0	7.954	80	43-141	
1,2,4-Trichlorobenzene	10.0	9.584	96	55-151	
Hexachlorobutadiene	10.0	10.63	106	53-140	
Naphthalene	10.0	7.257	73	19-195	
1,2,3-Trichlorobenzene	10.0	9.434	94	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29703.D
 Lab ID: LCS 600-118869/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.298	93	12-136	
Chloromethane	10.0	10.63	106	32-151	
Vinyl chloride	10.0	8.154	82	47-146	
Bromomethane	10.0	5.877	59	52-146	
Chloroethane	10.0	8.295	83	56-144	
Trichlorofluoromethane	10.0	8.074	81	55-142	
1,1-Dichloroethene	10.0	7.250	72	59-145	
trans-1,2-Dichloroethene	10.0	9.067	91	70-132	
Methyl tert-butyl ether	10.0	7.556	76	63-142	
Methylene Chloride	10.0	10.69	107	62-134	
cis-1,2-Dichloroethene	10.0	8.832	88	69-129	
2-Butanone (MEK)	20.0	17.79	89	59-133	
Bromochloromethane	10.0	8.900	89	60-141	
Carbon tetrachloride	10.0	9.148	91	59-147	
Benzene	10.0	9.715	97	69-131	
1,2-Dichloroethane	10.0	8.169	82	66-140	
Trichloroethene	10.0	10.14	101	68-130	
1,1,1-Trichloroethane	10.0	9.167	92	65-142	
1,1-Dichloroethane	10.0	10.34	103	66-126	
1,2-Dichloropropane	10.0	10.70	107	72-125	
2,2-Dichloropropane	10.0	8.562	86	43-169	
Dibromomethane	10.0	9.188	92	68-134	
Chloroform	10.0	9.661	97	69-128	
Bromodichloromethane	10.0	9.423	94	73-130	
2-Chloroethyl vinyl ether	10.0	11.13	111	10-209	
1,1-Dichloropropene	10.0	9.312	93	59-134	
cis-1,3-Dichloropropene	10.0	8.770	88	60-135	
Toluene	10.0	10.41	104	67-130	
trans-1,3-Dichloropropene	10.0	9.321	93	63-133	
1,1,2-Trichloroethane	10.0	10.26	103	68-130	
Tetrachloroethene	10.0	11.87	119	61-142	
1,3-Dichloropropane	10.0	9.689	97	62-132	
Chlorodibromomethane	10.0	10.00	100	58-132	
1,2-Dibromoethane	10.0	10.06	101	68-128	
Chlorobenzene	10.0	10.06	101	60-136	
1,1,1,2-Tetrachloroethane	10.0	10.20	102	57-136	
Ethylbenzene	10.0	10.41	104	68-128	
m-Xylene & p-Xylene	20.0	20.88	104	67-132	
Xylenes, Total	30.0	30.84	103	68-132	
o-Xylene	10.0	9.956	100	68-134	
Styrene	10.0	10.44	104	68-133	
Bromoform	10.0	10.15	102	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29703.D
 Lab ID: LCS 600-118869/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	8.602	86	79-146	
Bromobenzene	10.0	9.527	95	61-134	
1,2,3-Trichloropropane	10.0	7.853	79	52-157	
1,1,2,2-Tetrachloroethane	10.0	10.90	109	68-134	
N-Propylbenzene	10.0	9.018	90	61-137	
2-Chlorotoluene	10.0	8.702	87	58-135	
4-Chlorotoluene	10.0	8.224	82	64-134	
1,3,5-Trimethylbenzene	10.0	8.680	87	63-132	
tert-Butylbenzene	10.0	8.540	85	67-148	
p-Isopropyltoluene	10.0	9.790	98	63-138	
1,2,4-Trimethylbenzene	10.0	8.613	86	63-131	
sec-Butylbenzene	10.0	8.706	87	61-134	
1,3-Dichlorobenzene	10.0	9.147	91	71-132	
1,4-Dichlorobenzene	10.0	9.408	94	72-131	
1,2-Dichlorobenzene	10.0	9.060	91	71-133	
n-Butylbenzene	10.0	8.976	90	62-132	
1,2-Dibromo-3-Chloropropane	10.0	7.635	76	43-141	
1,2,4-Trichlorobenzene	10.0	8.765	88	55-151	
Hexachlorobutadiene	10.0	8.993	90	53-140	
Naphthalene	10.0	5.936	59	19-195	
1,2,3-Trichlorobenzene	10.0	8.883	89	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29803.D
Lab ID: LCS 600-118922/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.849	98	12-136	
Chloromethane	10.0	6.343	63	32-151	
Vinyl chloride	10.0	9.075	91	47-146	
Bromomethane	10.0	5.774	58	52-146	
Chloroethane	10.0	8.711	87	56-144	
Trichlorofluoromethane	10.0	8.248	82	55-142	
1,1-Dichloroethene	10.0	7.474	75	59-145	
trans-1,2-Dichloroethene	10.0	9.122	91	70-132	
Methyl tert-butyl ether	10.0	7.695	77	63-142	
Methylene Chloride	10.0	10.23	102	62-134	
cis-1,2-Dichloroethene	10.0	9.219	92	69-129	
2-Butanone (MEK)	20.0	18.20	91	59-133	
Bromochloromethane	10.0	9.217	92	60-141	
Carbon tetrachloride	10.0	9.117	91	59-147	
Benzene	10.0	9.684	97	69-131	
1,2-Dichloroethane	10.0	8.360	84	66-140	
Trichloroethene	10.0	9.969	100	68-130	
1,1,1-Trichloroethane	10.0	8.935	89	65-142	
1,1-Dichloroethane	10.0	10.44	104	66-126	
1,2-Dichloropropane	10.0	10.65	107	72-125	
2,2-Dichloropropane	10.0	8.678	87	43-169	
Dibromomethane	10.0	9.320	93	68-134	
Chloroform	10.0	9.552	96	69-128	
Bromodichloromethane	10.0	9.247	92	73-130	
2-Chloroethyl vinyl ether	10.0	9.925	99	10-209	
1,1-Dichloropropene	10.0	9.121	91	59-134	
cis-1,3-Dichloropropene	10.0	8.487	85	60-135	
Toluene	10.0	10.15	101	67-130	
trans-1,3-Dichloropropene	10.0	9.148	91	63-133	
1,1,2-Trichloroethane	10.0	10.14	101	68-130	
Tetrachloroethene	10.0	11.37	114	61-142	
1,3-Dichloropropane	10.0	9.490	95	62-132	
Chlorodibromomethane	10.0	9.702	97	58-132	
1,2-Dibromoethane	10.0	9.991	100	68-128	
Chlorobenzene	10.0	9.556	96	60-136	
1,1,1,2-Tetrachloroethane	10.0	9.877	99	57-136	
Ethylbenzene	10.0	9.963	100	68-128	
m-Xylene & p-Xylene	20.0	19.98	100	67-132	
Xylenes, Total	30.0	29.56	99	68-132	
o-Xylene	10.0	9.581	96	68-134	
Styrene	10.0	10.09	101	68-133	
Bromoform	10.0	9.579	96	39-149	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29803.D
 Lab ID: LCS 600-118922/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	7.894	79	79-146	
Bromobenzene	10.0	8.827	88	61-134	
1,2,3-Trichloropropane	10.0	7.504	75	52-157	
1,1,2,2-Tetrachloroethane	10.0	10.49	105	68-134	
N-Propylbenzene	10.0	8.380	84	61-137	
2-Chlorotoluene	10.0	8.152	82	58-135	
4-Chlorotoluene	10.0	7.692	77	64-134	
1,3,5-Trimethylbenzene	10.0	7.993	80	63-132	
tert-Butylbenzene	10.0	7.905	79	67-148	
p-Isopropyltoluene	10.0	9.218	92	63-138	
1,2,4-Trimethylbenzene	10.0	8.091	81	63-131	
sec-Butylbenzene	10.0	8.081	81	61-134	
1,3-Dichlorobenzene	10.0	8.601	86	71-132	
1,4-Dichlorobenzene	10.0	8.973	90	72-131	
1,2-Dichlorobenzene	10.0	8.656	87	71-133	
n-Butylbenzene	10.0	8.521	85	62-132	
1,2-Dibromo-3-Chloropropane	10.0	7.100	71	43-141	
1,2,4-Trichlorobenzene	10.0	7.853	79	55-151	
Hexachlorobutadiene	10.0	8.201	82	53-140	
Naphthalene	10.0	5.900	59	19-195	
1,2,3-Trichlorobenzene	10.0	8.527	85	38-152	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29509.D
Lab ID: 600-81250-4 MS Client ID: ARTESIA-MW25-10152013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	0.120 U	9.936	99	60-140	
Chloromethane	10.0	0.180 U	9.240	92	60-140	
Vinyl chloride	10.0	0.110 U	8.731	87	60-140	
Bromomethane	10.0	0.250 U	5.594	56	60-140	F
Chloroethane	10.0	0.0800 U	8.644	86	60-140	
Trichlorofluoromethane	10.0	0.0800 U	7.503	75	60-140	
1,1-Dichloroethene	10.0	21.5	29.61	81	22-143	
trans-1,2-Dichloroethene	10.0	0.0900 U	9.473	95	60-140	
Methyl tert-butyl ether	10.0	0.120 U	9.471	95	60-140	
Methylene Chloride	10.0	0.150 U	9.412	94	60-140	
cis-1,2-Dichloroethene	10.0	0.177 J	9.753	96	60-140	
2-Butanone (MEK)	20.0	0.760 U	16.64	83	60-140	
Bromochloromethane	10.0	0.180 U	9.046	90	60-140	
Carbon tetrachloride	10.0	0.150 U	10.19	102	60-140	
Benzene	10.0	0.108 J	9.376	93	65-125	
1,2-Dichloroethane	10.0	0.153 J	9.580	94	60-140	
Trichloroethene	10.0	4.56	14.11	95	56-118	
1,1,1-Trichloroethane	10.0	0.150 U	10.08	101	60-140	
1,1-Dichloroethane	10.0	6.11	15.92	98	60-140	
1,2-Dichloropropane	10.0	0.160 U	9.321	93	60-140	
2,2-Dichloropropane	10.0	0.130 U	10.50	105	60-140	
Dibromomethane	10.0	0.520 U	9.437	94	60-140	
Chloroform	10.0	0.130 U	9.565	96	60-140	
Bromodichloromethane	10.0	0.160 U	9.651	97	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	16.28	163	60-140	F
1,1-Dichloropropene	10.0	0.210 U	9.232	92	60-140	
cis-1,3-Dichloropropene	10.0	0.180 U	8.908	89	60-140	
Toluene	10.0	0.150 U	9.502	95	76-125	
trans-1,3-Dichloropropene	10.0	0.210 U	9.899	99	60-140	
1,1,2-Trichloroethane	10.0	0.280 U	10.07	101	60-140	
Tetrachloroethene	10.0	18.9	28.54	96	60-140	
1,3-Dichloropropane	10.0	0.220 U	9.276	93	60-140	
Chlorodibromomethane	10.0	0.150 U	9.693	97	60-140	
1,2-Dibromoethane	10.0	0.180 U	9.158	92	60-140	
Chlorobenzene	10.0	0.120 U	9.025	90	72-122	
1,1,1,2-Tetrachloroethane	10.0	0.180 U	9.404	94	60-140	
Ethylbenzene	10.0	0.110 U	9.325	93	60-140	
m-Xylene & p-Xylene	20.0	0.170 U	18.47	92	60-140	
Xylenes, Total	30.0	0.260 U	27.44	91	60-140	
o-Xylene	10.0	0.120 U	8.968	90	60-140	
Styrene	10.0	0.0700 U	3.577	36	60-140	F
Bromoform	10.0	0.190 U	11.07	111	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29509.D
 Lab ID: 600-81250-4 MS Client ID: ARTESIA-MW25-10152013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	0.180 U	9.330	93	60-140	
Bromobenzene	10.0	0.190 U	9.553	96	60-140	
1,2,3-Trichloropropane	10.0	0.290 U	9.061	91	60-140	
1,1,2,2-Tetrachloroethane	10.0	0.220 U	9.409	94	60-140	
N-Propylbenzene	10.0	0.150 U	9.463	95	60-140	
2-Chlorotoluene	10.0	0.130 U	8.960	90	60-140	
4-Chlorotoluene	10.0	0.140 U	8.950	90	60-140	
1,3,5-Trimethylbenzene	10.0	0.100 U	9.198	92	60-140	
tert-Butylbenzene	10.0	0.0800 U	9.038	90	60-140	
p-Isopropyltoluene	10.0	0.100 U	10.16	102	60-140	
1,2,4-Trimethylbenzene	10.0	0.140 U	9.317	93	60-140	
sec-Butylbenzene	10.0	0.120 U	8.900	89	60-140	
1,3-Dichlorobenzene	10.0	0.130 U	8.885	89	60-140	
1,4-Dichlorobenzene	10.0	0.110 U	9.139	91	60-140	
1,2-Dichlorobenzene	10.0	0.100 U	8.641	86	60-140	
n-Butylbenzene	10.0	0.160 U	9.292	93	60-140	
1,2-Dibromo-3-Chloropropane	10.0	0.810 U	9.272	93	60-140	
1,2,4-Trichlorobenzene	10.0	0.310 U	8.182	82	60-140	
Hexachlorobutadiene	10.0	0.170 U	7.949	79	60-140	
Naphthalene	10.0	0.320 U	6.036	60	60-140	
1,2,3-Trichlorobenzene	10.0	0.570 U	7.333	73	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29808.D
Lab ID: 600-81250-10 MS Client ID: ARTESIA-MW11-10162013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	0.120 U	9.735	97	60-140	
Chloromethane	10.0	0.209 J	6.989	68	60-140	
Vinyl chloride	10.0	0.110 U	9.246	92	60-140	
Bromomethane	10.0	0.250 U	5.781	58	60-140	F
Chloroethane	10.0	0.0800 U	8.529	85	60-140	
Trichlorofluoromethane	10.0	0.0800 U	8.158	82	60-140	
1,1-Dichloroethene	10.0	0.190 U	7.390	74	22-143	
trans-1,2-Dichloroethene	10.0	0.0900 U	8.602	86	60-140	
Methyl tert-butyl ether	10.0	0.282 J	7.643	74	60-140	
Methylene Chloride	10.0	0.150 U	8.774	88	60-140	
cis-1,2-Dichloroethene	10.0	0.0600 U	8.516	85	60-140	
2-Butanone (MEK)	20.0	0.760 U	18.70	94	60-140	
Bromochloromethane	10.0	0.180 U	8.716	87	60-140	
Carbon tetrachloride	10.0	0.150 U	8.581	86	60-140	
Benzene	10.0	0.0800 U	9.176	92	65-125	
1,2-Dichloroethane	10.0	0.140 U	7.852	79	60-140	
Trichloroethene	10.0	0.658 J	9.825	92	56-118	
1,1,1-Trichloroethane	10.0	0.150 U	8.364	84	60-140	
1,1-Dichloroethane	10.0	1.65	11.35	97	60-140	
1,2-Dichloropropane	10.0	0.160 U	10.01	100	60-140	
2,2-Dichloropropane	10.0	0.130 U	8.374	84	60-140	
Dibromomethane	10.0	0.520 U	8.873	89	60-140	
Chloroform	10.0	0.130 U	8.728	87	60-140	
Bromodichloromethane	10.0	0.160 U	8.468	85	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0.500 U	0	60-140	F
1,1-Dichloropropene	10.0	0.210 U	8.519	85	60-140	
cis-1,3-Dichloropropene	10.0	0.180 U	7.644	76	60-140	
Toluene	10.0	0.150 U	9.433	94	76-125	
trans-1,3-Dichloropropene	10.0	0.210 U	8.518	85	60-140	
1,1,2-Trichloroethane	10.0	0.280 U	9.400	94	60-140	
Tetrachloroethene	10.0	1.44	11.94	105	60-140	
1,3-Dichloropropane	10.0	0.220 U	8.959	90	60-140	
Chlorodibromomethane	10.0	0.150 U	8.822	88	60-140	
1,2-Dibromoethane	10.0	0.180 U	9.166	92	60-140	
Chlorobenzene	10.0	0.120 U	8.935	89	72-122	
1,1,1,2-Tetrachloroethane	10.0	0.180 U	9.112	91	60-140	
Ethylbenzene	10.0	0.110 U	9.285	93	60-140	
m-Xylene & p-Xylene	20.0	0.170 U	18.70	93	60-140	
Xylenes, Total	30.0	0.260 U	27.58	92	60-140	
o-Xylene	10.0	0.120 U	8.875	89	60-140	
Styrene	10.0	0.0700 U	6.315	63	60-140	
Bromoform	10.0	0.190 U	9.149	91	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29808.D
 Lab ID: 600-81250-10 MS Client ID: ARTESIA-MW11-10162013 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	10.0	0.180 U	7.495	75	60-140	
Bromobenzene	10.0	0.190 U	8.249	82	60-140	
1,2,3-Trichloropropane	10.0	0.290 U	7.252	73	60-140	
1,1,2,2-Tetrachloroethane	10.0	0.220 U	10.07	101	60-140	
N-Propylbenzene	10.0	0.150 U	7.969	80	60-140	
2-Chlorotoluene	10.0	0.130 U	7.660	77	60-140	
4-Chlorotoluene	10.0	0.140 U	7.366	74	60-140	
1,3,5-Trimethylbenzene	10.0	0.100 U	7.545	75	60-140	
tert-Butylbenzene	10.0	0.0800 U	7.457	75	60-140	
p-Isopropyltoluene	10.0	0.100 U	8.659	87	60-140	
1,2,4-Trimethylbenzene	10.0	0.140 U	7.622	76	60-140	
sec-Butylbenzene	10.0	0.120 U	7.628	76	60-140	
1,3-Dichlorobenzene	10.0	0.130 U	8.193	82	60-140	
1,4-Dichlorobenzene	10.0	0.110 U	8.501	85	60-140	
1,2-Dichlorobenzene	10.0	0.100 U	8.211	82	60-140	
n-Butylbenzene	10.0	0.160 U	7.899	79	60-140	
1,2-Dibromo-3-Chloropropane	10.0	0.810 U	6.860	69	60-140	
1,2,4-Trichlorobenzene	10.0	0.310 U	6.841	68	60-140	
Hexachlorobutadiene	10.0	0.170 U	7.213	72	60-140	
Naphthalene	10.0	0.320 U	4.760	48	60-140	F
1,2,3-Trichlorobenzene	10.0	0.570 U	7.185	72	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29707.D
Lab ID: 600-81250-15 MS DL Client ID: ARTESIA-MW12-10142013 MS DL

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	200	2.40 U	182.1	91	60-140	
Chloromethane	200	3.60 U	190.1	95	60-140	
Vinyl chloride	200	2.20 U	158.9	79	60-140	
Bromomethane	200	5.00 U	84.52	42	60-140	F
Chloroethane	200	1.60 U	152.5	76	60-140	
Trichlorofluoromethane	200	1.60 U	147.4	74	60-140	
1,1-Dichloroethene	200	3.80 U	142.5	71	22-143	
trans-1,2-Dichloroethene	200	1.80 U	173.6	87	60-140	
Methyl tert-butyl ether	200	3.74 J	147.4	72	60-140	
Methylene Chloride	200	16.5 J	201.0	92	60-140	
cis-1,2-Dichloroethene	200	29.1	198.0	84	60-140	
2-Butanone (MEK)	400	15.2 U	314.7	79	60-140	
Bromochloromethane	200	3.60 U	172.5	86	60-140	
Carbon tetrachloride	200	3.00 U	176.7	88	60-140	
Benzene	200	5.68 J	188.4	91	65-125	
1,2-Dichloroethane	200	3.89 J	158.4	77	60-140	
Trichloroethene	200	3.60 U	195.6	98	56-118	
1,1,1-Trichloroethane	200	3.00 U	172.9	86	60-140	
1,1-Dichloroethane	200	22.8	222.2	100	60-140	
1,2-Dichloropropane	200	3.59 J	202.3	99	60-140	
2,2-Dichloropropane	200	2.60 U	176.1	88	60-140	
Dibromomethane	200	10.4 U	178.5	89	60-140	
Chloroform	200	2.60 U	181.2	91	60-140	
Bromodichloromethane	200	3.20 U	177.3	89	60-140	
2-Chloroethyl vinyl ether	200	10.0 U	159.1	80	60-140	
1,1-Dichloropropene	200	4.20 U	177.2	89	60-140	
cis-1,3-Dichloropropene	200	3.60 U	163.0	82	60-140	
Toluene	200	3.00 U	194.8	97	76-125	
trans-1,3-Dichloropropene	200	4.20 U	177.2	89	60-140	
1,1,2-Trichloroethane	200	5.60 U	196.6	98	60-140	
Tetrachloroethene	200	2.60 U	219.6	110	60-140	
1,3-Dichloropropane	200	4.47 J	182.9	89	60-140	
Chlorodibromomethane	200	4.65 J	187.9	92	60-140	
1,2-Dibromoethane	200	4.83 J	189.6	92	60-140	
Chlorobenzene	200	3.10 J	185.7	91	72-122	
1,1,1,2-Tetrachloroethane	200	3.60 U	186.9	93	60-140	
Ethylbenzene	200	136	330.4	97	60-140	
m-Xylene & p-Xylene	400	59.7	450.0	98	60-140	
Xylenes, Total	600	62.6	639.1	96	60-140	
o-Xylene	200	2.87 J	189.1	93	60-140	
Styrene	200	3.71 J	194.3	95	60-140	
Bromoform	200	7.95 J	185.3	89	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29707.D
 Lab ID: 600-81250-15 MS DL Client ID: ARTESIA-MW12-10142013 MS DL

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	200	79.8	237.7	79	60-140	
Bromobenzene	200	6.34 J	175.0	84	60-140	
1,2,3-Trichloropropane	200	11.1 J	143.5	66	60-140	
1,1,2,2-Tetrachloroethane	200	4.40 U	200.9	100	60-140	
N-Propylbenzene	200	126	287.0	81	60-140	
2-Chlorotoluene	200	3.12 J	160.0	78	60-140	
4-Chlorotoluene	200	3.85 J	155.0	76	60-140	
1,3,5-Trimethylbenzene	200	5.82 J	164.6	79	60-140	
tert-Butylbenzene	200	2.55 J	160.3	79	60-140	
p-Isopropyltoluene	200	4.53 J	186.4	91	60-140	
1,2,4-Trimethylbenzene	200	269	407.6	69	60-140	
sec-Butylbenzene	200	9.71 J	170.5	80	60-140	
1,3-Dichlorobenzene	200	8.45 J	170.2	81	60-140	
1,4-Dichlorobenzene	200	10.3 J	176.3	83	60-140	
1,2-Dichlorobenzene	200	14.6 J	169.5	77	60-140	
n-Butylbenzene	200	11.3 J	179.6	84	60-140	
1,2-Dibromo-3-Chloropropane	200	25.1	153.1	64	60-140	
1,2,4-Trichlorobenzene	200	39.2	163.6	62	60-140	
Hexachlorobutadiene	200	17.8 J	157.5	70	60-140	
Naphthalene	200	92.8	152.6	30	60-140	F
1,2,3-Trichlorobenzene	200	60.9	152.7	46	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29407.D
Lab ID: 600-81163-C-2 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20000	240 U	21090	105	60-140	
Chloromethane	20000	360 U	16030	80	60-140	
Vinyl chloride	20000	220 U	17530	88	60-140	
Bromomethane	20000	500 U	17690	88	60-140	
Chloroethane	20000	160 U	17090	85	60-140	
Trichlorofluoromethane	20000	160 U	20600	103	60-140	
1,1-Dichloroethene	20000	380 U	20580	103	22-143	
trans-1,2-Dichloroethene	20000	180 U	18400	92	60-140	
Methyl tert-butyl ether	20000	240 U	19170	96	60-140	
Methylene Chloride	20000	1190 J	20860	98	60-140	
cis-1,2-Dichloroethene	20000	208 J	18890	93	60-140	
2-Butanone (MEK)	40000	1520 U	35390	88	60-140	
Bromochloromethane	20000	360 U	18260	91	60-140	
Carbon tetrachloride	20000	300 U	21410	107	60-140	
Benzene	20000	160 U	18700	93	65-125	
1,2-Dichloroethane	20000	545 J	20050	98	60-140	
Trichloroethene	20000	360 U	18760	94	56-118	
1,1,1-Trichloroethane	20000	300 U	21140	106	60-140	
1,1-Dichloroethane	20000	220 U	19680	98	60-140	
1,2-Dichloropropane	20000	320 U	18530	93	60-140	
2,2-Dichloropropane	20000	260 U	22070	110	60-140	
Dibromomethane	20000	1040 U	19680	98	60-140	
Chloroform	20000	260 U	18820	94	60-140	
Bromodichloromethane	20000	320 U	19240	96	60-140	
2-Chloroethyl vinyl ether	20000	1000 U	17150	86	60-140	
1,1-Dichloropropene	20000	420 U	17930	90	60-140	
cis-1,3-Dichloropropene	20000	360 U	16780	84	60-140	
Toluene	20000	300 U	18400	92	76-125	
trans-1,3-Dichloropropene	20000	420 U	19570	98	60-140	
1,1,2-Trichloroethane	20000	560 U	18000	90	60-140	
Tetrachloroethene	20000	260 U	19420	97	60-140	
1,3-Dichloropropane	20000	471 J	17520	85	60-140	
Chlorodibromomethane	20000	438 J	18570	91	60-140	
1,2-Dibromoethane	20000	458 J	17970	88	60-140	
Chlorobenzene	20000	261 J	17910	88	72-122	
1,1,1,2-Tetrachloroethane	20000	360 J	18680	92	60-140	
Ethylbenzene	20000	220 U	18290	91	60-140	
m-Xylene & p-Xylene	40000	340 U	36900	92	60-140	
Xylenes, Total	60000	520 U	54640	91	60-140	
o-Xylene	20000	240 U	17740	89	60-140	
Styrene	20000	301 J	18490	91	60-140	
Bromoform	20000	380 U	18890	94	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29407.D
 Lab ID: 600-81163-C-2 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	20000	40300	57660	87	60-140	
Bromobenzene	20000	592 J	18780	91	60-140	
1,2,3-Trichloropropane	20000	1060 J	18360	86	60-140	
1,1,2,2-Tetrachloroethane	20000	440 U	18810	94	60-140	
N-Propylbenzene	20000	300 U	18900	94	60-140	
2-Chlorotoluene	20000	340 J	18020	88	60-140	
4-Chlorotoluene	20000	378 J	18640	91	60-140	
1,3,5-Trimethylbenzene	20000	281 J	18910	93	60-140	
tert-Butylbenzene	20000	235 J	18240	90	60-140	
p-Isopropyltoluene	20000	398 J	20910	103	60-140	
1,2,4-Trimethylbenzene	20000	388 J	18730	92	60-140	
sec-Butylbenzene	20000	301 J	18420	91	60-140	
1,3-Dichlorobenzene	20000	824 J	18050	86	60-140	
1,4-Dichlorobenzene	20000	1050 J	18470	87	60-140	
1,2-Dichlorobenzene	20000	1390 J	19290	90	60-140	
n-Butylbenzene	20000	640 J	22640	110	60-140	
1,2-Dibromo-3-Chloropropane	20000	2980	16080	66	60-140	
1,2,4-Trichlorobenzene	20000	3450	15510	60	60-140	
Hexachlorobutadiene	20000	1790 J	17120	77	60-140	
Naphthalene	20000	4760	13420	43	60-140	F
1,2,3-Trichlorobenzene	20000	5810	15140	47	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29607.D
Lab ID: 600-81308-F-1 MS DL Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	100	1.20 U	83.63	84	60-140	
Chloromethane	100	1.80 U	53.08	53	60-140	F
Vinyl chloride	100	1.10 U	46.97	47	60-140	F
Bromomethane	100	2.50 U	38.10	38	60-140	F
Chloroethane	100	0.800 U	48.75	49	60-140	F
Trichlorofluoromethane	100	0.800 U	64.48	64	60-140	
1,1-Dichloroethene	100	1.90 U	63.33	63	22-143	
trans-1,2-Dichloroethene	100	0.900 U	84.49	84	60-140	
Methyl tert-butyl ether	100	1.20 U	84.40	84	60-140	
Methylene Chloride	100	6.51 J	90.30	84	60-140	
cis-1,2-Dichloroethene	100	0.600 U	83.63	84	60-140	
2-Butanone (MEK)	200	7.60 U	141.0	70	60-140	
Bromochloromethane	100	1.80 U	78.21	78	60-140	
Carbon tetrachloride	100	1.50 U	118.2	118	60-140	
Benzene	100	0.800 U	92.09	92	65-125	
1,2-Dichloroethane	100	3.04 J	111.2	108	60-140	
Trichloroethene	100	1.80 U	97.60	98	56-118	
1,1,1-Trichloroethane	100	1.50 U	116.2	116	60-140	
1,1-Dichloroethane	100	1.10 U	100.8	101	60-140	
1,2-Dichloropropane	100	73.6	167.0	93	60-140	
2,2-Dichloropropane	100	1.30 U	117.4	117	60-140	
Dibromomethane	100	5.20 U	99.57	100	60-140	
Chloroform	100	1.30 U	99.68	100	60-140	
Bromodichloromethane	100	1.60 U	97.46	97	60-140	
2-Chloroethyl vinyl ether	100	5.00 U	83.91	84	60-140	
1,1-Dichloropropene	100	2.10 U	89.48	89	60-140	
cis-1,3-Dichloropropene	100	1.80 U	80.75	81	60-140	
Toluene	100	1.50 U	91.37	91	76-125	
trans-1,3-Dichloropropene	100	2.10 U	96.04	96	60-140	
1,1,2-Trichloroethane	100	2.80 U	88.79	89	60-140	
Tetrachloroethene	100	1.30 U	104.4	104	60-140	
1,3-Dichloropropane	100	2.39 J	83.95	82	60-140	
Chlorodibromomethane	100	1.90 J	94.80	93	60-140	
1,2-Dibromoethane	100	2.63 J	86.45	84	60-140	
Chlorobenzene	100	1.26 J	85.51	84	72-122	
1,1,1,2-Tetrachloroethane	100	1.80 U	95.15	95	60-140	
Ethylbenzene	100	1.10 U	90.33	90	60-140	
m-Xylene & p-Xylene	200	1.70 U	183.9	92	60-140	
Xylenes, Total	300	2.60 U	272.9	91	60-140	
o-Xylene	100	1.20 U	89.01	89	60-140	
Styrene	100	1.52 J	90.00	88	60-140	
Bromoform	100	1.90 U	93.76	94	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29607.D
 Lab ID: 600-81308-F-1 MS DL Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	100	1.80 U	86.56	87	60-140	
Bromobenzene	100	3.74 J	92.41	89	60-140	
1,2,3-Trichloropropane	100	2.90 U	85.31	85	60-140	
1,1,2,2-Tetrachloroethane	100	2.20 U	86.49	86	60-140	
N-Propylbenzene	100	1.64 J	87.86	86	60-140	
2-Chlorotoluene	100	1.52 J	85.18	84	60-140	
4-Chlorotoluene	100	1.69 J	85.76	84	60-140	
1,3,5-Trimethylbenzene	100	1.17 J	88.31	87	60-140	
tert-Butylbenzene	100	1.15 J	87.03	86	60-140	
p-Isopropyltoluene	100	1.91 J	99.51	98	60-140	
1,2,4-Trimethylbenzene	100	1.65 J	88.18	87	60-140	
sec-Butylbenzene	100	1.45 J	85.94	84	60-140	
1,3-Dichlorobenzene	100	3.76 J	86.59	83	60-140	
1,4-Dichlorobenzene	100	4.61 J	87.80	83	60-140	
1,2-Dichlorobenzene	100	6.47 J	86.31	80	60-140	
n-Butylbenzene	100	2.60 J	91.96	89	60-140	
1,2-Dibromo-3-Chloropropane	100	14.0	76.47	62	60-140	
1,2,4-Trichlorobenzene	100	16.7	84.24	68	60-140	
Hexachlorobutadiene	100	10.8	94.60	84	60-140	
Naphthalene	100	17.1 J	57.40	40	60-140	F
1,2,3-Trichlorobenzene	100	27.2	80.06	53	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29510.D
 Lab ID: 600-81250-4 MSD Client ID: ARTESIA-MW25-10152013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	10.0	10.73	107	8	30	60-140	
Chloromethane	10.0	9.836	98	6	30	60-140	
Vinyl chloride	10.0	9.561	96	9	30	60-140	
Bromomethane	10.0	7.380	74	28	30	60-140	
Chloroethane	10.0	10.52	105	20	30	60-140	
Trichlorofluoromethane	10.0	9.385	94	22	30	60-140	
1,1-Dichloroethene	10.0	34.63	131	16	30	22-143	
trans-1,2-Dichloroethene	10.0	15.25	153	47	30	60-140	F
Methyl tert-butyl ether	10.0	15.02	150	45	30	60-140	F
Methylene Chloride	10.0	16.33	163	54	30	60-140	F
cis-1,2-Dichloroethene	10.0	10.27	101	5	30	60-140	
2-Butanone (MEK)	20.0	16.03	80	4	30	60-140	
Bromochloromethane	10.0	9.737	97	7	30	60-140	
Carbon tetrachloride	10.0	11.01	110	8	30	60-140	
Benzene	10.0	10.18	101	8	30	65-125	
1,2-Dichloroethane	10.0	9.960	98	4	30	60-140	
Trichloroethene	10.0	14.63	101	4	30	56-118	
1,1,1-Trichloroethane	10.0	10.89	109	8	30	60-140	
1,1-Dichloroethane	10.0	24.50	184	42	30	60-140	F
1,2-Dichloropropane	10.0	10.16	102	9	30	60-140	
2,2-Dichloropropane	10.0	11.51	115	9	30	60-140	
Dibromomethane	10.0	10.42	104	10	30	60-140	
Chloroform	10.0	10.04	100	5	30	60-140	
Bromodichloromethane	10.0	10.12	101	5	30	60-140	
2-Chloroethyl vinyl ether	10.0	15.68	157	4	30	60-140	F
1,1-Dichloropropene	10.0	9.655	97	4	30	60-140	
cis-1,3-Dichloropropene	10.0	8.880	89	0	30	60-140	
Toluene	10.0	9.820	98	3	30	76-125	
trans-1,3-Dichloropropene	10.0	10.45	105	5	30	60-140	
1,1,2-Trichloroethane	10.0	10.38	104	3	30	60-140	
Tetrachloroethene	10.0	28.05	91	2	30	60-140	
1,3-Dichloropropane	10.0	9.614	96	4	30	60-140	
Chlorodibromomethane	10.0	10.09	101	4	30	60-140	
1,2-Dibromoethane	10.0	9.783	98	7	30	60-140	
Chlorobenzene	10.0	9.409	94	4	30	72-122	
1,1,1,2-Tetrachloroethane	10.0	9.943	99	6	30	60-140	
Ethylbenzene	10.0	9.852	99	6	30	60-140	
m-Xylene & p-Xylene	20.0	19.50	98	5	30	60-140	
Xylenes, Total	30.0	28.97	97	5	30	60-140	
o-Xylene	10.0	9.470	95	5	30	60-140	
Styrene	10.0	8.633	86	83	30	60-140	F
Bromoform	10.0	9.918	99	11	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29510.D
 Lab ID: 600-81250-4 MSD Client ID: ARTESIA-MW25-10152013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	10.0	9.846	98	5	30	60-140	
Bromobenzene	10.0	10.05	101	5	30	60-140	
1,2,3-Trichloropropane	10.0	9.177	92	1	30	60-140	
1,1,2,2-Tetrachloroethane	10.0	10.50	105	11	30	60-140	
N-Propylbenzene	10.0	9.854	99	4	30	60-140	
2-Chlorotoluene	10.0	9.394	94	5	30	60-140	
4-Chlorotoluene	10.0	9.551	96	6	30	60-140	
1,3,5-Trimethylbenzene	10.0	9.856	99	7	30	60-140	
tert-Butylbenzene	10.0	9.911	99	9	30	60-140	
p-Isopropyltoluene	10.0	10.99	110	8	30	60-140	
1,2,4-Trimethylbenzene	10.0	10.45	105	12	30	60-140	
sec-Butylbenzene	10.0	9.918	99	11	30	60-140	
1,3-Dichlorobenzene	10.0	9.544	95	7	30	60-140	
1,4-Dichlorobenzene	10.0	9.991	100	9	30	60-140	
1,2-Dichlorobenzene	10.0	10.11	101	16	30	60-140	
n-Butylbenzene	10.0	11.80	118	24	30	60-140	
1,2-Dibromo-3-Chloropropane	10.0	10.15	101	9	30	60-140	
1,2,4-Trichlorobenzene	10.0	10.31	103	23	30	60-140	
Hexachlorobutadiene	10.0	9.688	97	20	30	60-140	
Naphthalene	10.0	9.777	98	47	30	60-140	F
1,2,3-Trichlorobenzene	10.0	10.96	110	40	30	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston

Job No.: 600-81250-1

SDG No.: _____

Matrix: Water

Level: Low

Lab File ID: C29809.D

Lab ID: 600-81250-10 MSD

Client ID: ARTESIA-MW11-10162013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	10.0	9.729	97	0	30	60-140	
Chloromethane	10.0	11.09	109	45	30	60-140	F
Vinyl chloride	10.0	9.112	91	1	30	60-140	
Bromomethane	10.0	6.096	61	5	30	60-140	
Chloroethane	10.0	8.663	87	2	30	60-140	
Trichlorofluoromethane	10.0	8.219	82	1	30	60-140	
1,1-Dichloroethene	10.0	7.775	78	5	30	22-143	
trans-1,2-Dichloroethene	10.0	9.204	92	7	30	60-140	
Methyl tert-butyl ether	10.0	7.953	77	4	30	60-140	
Methylene Chloride	10.0	9.338	93	6	30	60-140	
cis-1,2-Dichloroethene	10.0	8.962	90	5	30	60-140	
2-Butanone (MEK)	20.0	18.63	93	0	30	60-140	
Bromochloromethane	10.0	9.286	93	6	30	60-140	
Carbon tetrachloride	10.0	9.090	91	6	30	60-140	
Benzene	10.0	9.734	97	6	30	65-125	
1,2-Dichloroethane	10.0	8.320	83	6	30	60-140	
Trichloroethene	10.0	10.45	98	6	30	56-118	
1,1,1-Trichloroethane	10.0	8.740	87	4	30	60-140	
1,1-Dichloroethane	10.0	12.02	104	6	30	60-140	
1,2-Dichloropropane	10.0	10.73	107	7	30	60-140	
2,2-Dichloropropane	10.0	8.971	90	7	30	60-140	
Dibromomethane	10.0	9.692	97	9	30	60-140	
Chloroform	10.0	9.392	94	7	30	60-140	
Bromodichloromethane	10.0	9.142	91	8	30	60-140	
2-Chloroethyl vinyl ether	10.0	0.500 U	0	NC	30	60-140	F
1,1-Dichloropropene	10.0	8.972	90	5	30	60-140	
cis-1,3-Dichloropropene	10.0	8.166	82	7	30	60-140	
Toluene	10.0	10.14	101	7	30	76-125	
trans-1,3-Dichloropropene	10.0	9.152	92	7	30	60-140	
1,1,2-Trichloroethane	10.0	10.29	103	9	30	60-140	
Tetrachloroethene	10.0	12.61	112	5	30	60-140	
1,3-Dichloropropane	10.0	9.574	96	7	30	60-140	
Chlorodibromomethane	10.0	9.445	94	7	30	60-140	
1,2-Dibromoethane	10.0	9.968	100	8	30	60-140	
Chlorobenzene	10.0	9.588	96	7	30	72-122	
1,1,1,2-Tetrachloroethane	10.0	9.786	98	7	30	60-140	
Ethylbenzene	10.0	9.944	99	7	30	60-140	
m-Xylene & p-Xylene	20.0	20.02	100	7	30	60-140	
Xylenes, Total	30.0	29.67	99	7	30	60-140	
o-Xylene	10.0	9.649	96	8	30	60-140	
Styrene	10.0	10.08	101	46	30	60-140	F
Bromoform	10.0	9.958	100	8	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29809.D
 Lab ID: 600-81250-10 MSD Client ID: ARTESIA-MW11-10162013 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	10.0	8.104	81	8	30	60-140	
Bromobenzene	10.0	9.240	92	11	30	60-140	
1,2,3-Trichloropropane	10.0	7.762	78	7	30	60-140	
1,1,2,2-Tetrachloroethane	10.0	11.02	110	9	30	60-140	
N-Propylbenzene	10.0	8.710	87	9	30	60-140	
2-Chlorotoluene	10.0	8.312	83	8	30	60-140	
4-Chlorotoluene	10.0	7.918	79	7	30	60-140	
1,3,5-Trimethylbenzene	10.0	8.248	82	9	30	60-140	
tert-Butylbenzene	10.0	8.130	81	9	30	60-140	
p-Isopropyltoluene	10.0	9.454	95	9	30	60-140	
1,2,4-Trimethylbenzene	10.0	8.285	83	8	30	60-140	
sec-Butylbenzene	10.0	8.308	83	9	30	60-140	
1,3-Dichlorobenzene	10.0	8.941	89	9	30	60-140	
1,4-Dichlorobenzene	10.0	9.400	94	10	30	60-140	
1,2-Dichlorobenzene	10.0	9.301	93	12	30	60-140	
n-Butylbenzene	10.0	8.649	86	9	30	60-140	
1,2-Dibromo-3-Chloropropane	10.0	8.048	80	16	30	60-140	
1,2,4-Trichlorobenzene	10.0	8.825	88	25	30	60-140	
Hexachlorobutadiene	10.0	8.029	80	11	30	60-140	
Naphthalene	10.0	7.535	75	45	30	60-140	F
1,2,3-Trichlorobenzene	10.0	9.778	98	31	30	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29708.D
Lab ID: 600-81250-15 MSD DL Client ID: ARTESIA-MW12-10142013 MSD DL

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	200	186.3	93	2	30	60-140	
Chloromethane	200	200.4	100	5	30	60-140	
Vinyl chloride	200	167.4	84	5	30	60-140	
Bromomethane	200	88.16	44	4	30	60-140	F
Chloroethane	200	158.8	79	4	30	60-140	
Trichlorofluoromethane	200	155.2	78	5	30	60-140	
1,1-Dichloroethene	200	152.0	76	6	30	22-143	
trans-1,2-Dichloroethene	200	187.1	94	7	30	60-140	
Methyl tert-butyl ether	200	156.0	76	6	30	60-140	
Methylene Chloride	200	216.3	100	7	30	60-140	
cis-1,2-Dichloroethene	200	212.3	92	7	30	60-140	
2-Butanone (MEK)	400	343.8	86	9	30	60-140	
Bromochloromethane	200	187.4	94	8	30	60-140	
Carbon tetrachloride	200	186.4	93	5	30	60-140	
Benzene	200	204.0	99	8	30	65-125	
1,2-Dichloroethane	200	163.3	80	3	30	60-140	
Trichloroethene	200	208.9	104	7	30	56-118	
1,1,1-Trichloroethane	200	185.7	93	7	30	60-140	
1,1-Dichloroethane	200	235.6	106	6	30	60-140	
1,2-Dichloropropane	200	216.7	107	7	30	60-140	
2,2-Dichloropropane	200	187.4	94	6	30	60-140	
Dibromomethane	200	195.3	98	9	30	60-140	
Chloroform	200	196.5	98	8	30	60-140	
Bromodichloromethane	200	192.9	96	8	30	60-140	
2-Chloroethyl vinyl ether	200	97.28	49	48	30	60-140	F
1,1-Dichloropropene	200	190.5	95	7	30	60-140	
cis-1,3-Dichloropropene	200	178.2	89	9	30	60-140	
Toluene	200	214.4	107	10	30	76-125	
trans-1,3-Dichloropropene	200	193.9	97	9	30	60-140	
1,1,2-Trichloroethane	200	215.6	108	9	30	60-140	
Tetrachloroethene	200	241.2	121	9	30	60-140	
1,3-Dichloropropane	200	197.9	97	8	30	60-140	
Chlorodibromomethane	200	203.2	99	8	30	60-140	
1,2-Dibromoethane	200	210.7	103	11	30	60-140	
Chlorobenzene	200	203.7	100	9	30	72-122	
1,1,1,2-Tetrachloroethane	200	207.4	104	10	30	60-140	
Ethylbenzene	200	354.7	109	7	30	60-140	
m-Xylene & p-Xylene	400	490.0	108	9	30	60-140	
Xylenes, Total	600	696.6	106	9	30	60-140	
o-Xylene	200	206.6	102	9	30	60-140	
Styrene	200	215.5	106	10	30	60-140	
Bromoform	200	207.5	100	11	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29708.D
 Lab ID: 600-81250-15 MSD DL Client ID: ARTESIA-MW12-10142013 MSD DL

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	200	256.7	88	8	30	60-140	
Bromobenzene	200	194.0	94	10	30	60-140	
1,2,3-Trichloropropane	200	160.9	75	11	30	60-140	
1,1,2,2-Tetrachloroethane	200	218.7	109	8	30	60-140	
N-Propylbenzene	200	307.7	91	7	30	60-140	
2-Chlorotoluene	200	178.4	88	11	30	60-140	
4-Chlorotoluene	200	168.6	82	8	30	60-140	
1,3,5-Trimethylbenzene	200	179.7	87	9	30	60-140	
tert-Butylbenzene	200	177.8	88	10	30	60-140	
p-Isopropyltoluene	200	209.1	102	11	30	60-140	
1,2,4-Trimethylbenzene	200	435.7	83	7	30	60-140	
sec-Butylbenzene	200	187.5	89	10	30	60-140	
1,3-Dichlorobenzene	200	189.7	91	11	30	60-140	
1,4-Dichlorobenzene	200	194.8	92	10	30	60-140	
1,2-Dichlorobenzene	200	192.8	89	13	30	60-140	
n-Butylbenzene	200	202.4	96	12	30	60-140	
1,2-Dibromo-3-Chloropropane	200	192.3	84	23	30	60-140	
1,2,4-Trichlorobenzene	200	208.2	84	24	30	60-140	
Hexachlorobutadiene	200	190.9	87	19	30	60-140	
Naphthalene	200	233.5	70	42	30	60-140	F
1,2,3-Trichlorobenzene	200	214.0	77	33	30	60-140	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: C29408.D
Lab ID: 600-81163-C-2 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	20000	21270	106	1	30	60-140	
Chloromethane	20000	20430	102	24	30	60-140	
Vinyl chloride	20000	19940	100	13	30	60-140	
Bromomethane	20000	19610	98	10	30	60-140	
Chloroethane	20000	19720	99	14	30	60-140	
Trichlorofluoromethane	20000	23510	118	13	30	60-140	
1,1-Dichloroethene	20000	24540	123	18	30	22-143	
trans-1,2-Dichloroethene	20000	19450	97	6	30	60-140	
Methyl tert-butyl ether	20000	18520	93	3	30	60-140	
Methylene Chloride	20000	21900	104	5	30	60-140	
cis-1,2-Dichloroethene	20000	19200	95	2	30	60-140	
2-Butanone (MEK)	40000	32260	81	9	30	60-140	
Bromochloromethane	20000	18660	93	2	30	60-140	
Carbon tetrachloride	20000	21830	109	2	30	60-140	
Benzene	20000	19020	95	2	30	65-125	
1,2-Dichloroethane	20000	19730	96	2	30	60-140	
Trichloroethene	20000	19090	95	2	30	56-118	
1,1,1-Trichloroethane	20000	21850	109	3	30	60-140	
1,1-Dichloroethane	20000	20970	105	6	30	60-140	
1,2-Dichloropropane	20000	18690	93	1	30	60-140	
2,2-Dichloropropane	20000	22770	114	3	30	60-140	
Dibromomethane	20000	19280	96	2	30	60-140	
Chloroform	20000	19400	97	3	30	60-140	
Bromodichloromethane	20000	19140	96	1	30	60-140	
2-Chloroethyl vinyl ether	20000	17060	85	1	30	60-140	
1,1-Dichloropropene	20000	18230	91	2	30	60-140	
cis-1,3-Dichloropropene	20000	16850	84	0	30	60-140	
Toluene	20000	18510	93	1	30	76-125	
trans-1,3-Dichloropropene	20000	19350	97	1	30	60-140	
1,1,2-Trichloroethane	20000	18410	92	2	30	60-140	
Tetrachloroethene	20000	19360	97	0	30	60-140	
1,3-Dichloropropane	20000	17270	84	1	30	60-140	
Chlorodibromomethane	20000	18610	91	0	30	60-140	
1,2-Dibromoethane	20000	18220	89	1	30	60-140	
Chlorobenzene	20000	17710	87	1	30	72-122	
1,1,1,2-Tetrachloroethane	20000	18850	92	1	30	60-140	
Ethylbenzene	20000	18810	94	3	30	60-140	
m-Xylene & p-Xylene	40000	37360	93	1	30	60-140	
Xylenes, Total	60000	55140	92	1	30	60-140	
o-Xylene	20000	17780	89	0	30	60-140	
Styrene	20000	18690	92	1	30	60-140	
Bromoform	20000	18020	90	5	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29408.D
 Lab ID: 600-81163-C-2 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	20000	60940	103	6	30	60-140	
Bromobenzene	20000	20080	97	7	30	60-140	
1,2,3-Trichloropropane	20000	19080	90	4	30	60-140	
1,1,2,2-Tetrachloroethane	20000	19460	97	3	30	60-140	
N-Propylbenzene	20000	20390	102	8	30	60-140	
2-Chlorotoluene	20000	19130	94	6	30	60-140	
4-Chlorotoluene	20000	20110	99	8	30	60-140	
1,3,5-Trimethylbenzene	20000	20730	102	9	30	60-140	
tert-Butylbenzene	20000	19690	97	8	30	60-140	
p-Isopropyltoluene	20000	22780	112	9	30	60-140	
1,2,4-Trimethylbenzene	20000	20060	98	7	30	60-140	
sec-Butylbenzene	20000	20030	99	8	30	60-140	
1,3-Dichlorobenzene	20000	19190	92	6	30	60-140	
1,4-Dichlorobenzene	20000	19640	93	6	30	60-140	
1,2-Dichlorobenzene	20000	19110	89	1	30	60-140	
n-Butylbenzene	20000	21860	106	4	30	60-140	
1,2-Dibromo-3-Chloropropane	20000	20430	87	24	30	60-140	
1,2,4-Trichlorobenzene	20000	19850	82	25	30	60-140	
Hexachlorobutadiene	20000	20390	93	17	30	60-140	
Naphthalene	20000	20180	77	40	30	60-140	F
1,2,3-Trichlorobenzene	20000	20540	74	30	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29608.D
 Lab ID: 600-81308-F-1 MSD DL Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	100	83.37	83	0	30	60-140	
Chloromethane	100	54.21	54	2	30	60-140	F
Vinyl chloride	100	44.64	45	5	30	60-140	F
Bromomethane	100	41.10	41	8	30	60-140	F
Chloroethane	100	48.16	48	1	30	60-140	F
Trichlorofluoromethane	100	62.36	62	3	30	60-140	
1,1-Dichloroethene	100	63.27	63	0	30	22-143	
trans-1,2-Dichloroethene	100	82.80	83	2	30	60-140	
Methyl tert-butyl ether	100	89.28	89	6	30	60-140	
Methylene Chloride	100	92.59	86	3	30	60-140	
cis-1,2-Dichloroethene	100	86.87	87	4	30	60-140	
2-Butanone (MEK)	200	158.3	79	12	30	60-140	
Bromochloromethane	100	84.96	85	8	30	60-140	
Carbon tetrachloride	100	118.8	119	1	30	60-140	
Benzene	100	93.02	93	1	30	65-125	
1,2-Dichloroethane	100	116.6	114	5	30	60-140	
Trichloroethene	100	95.96	96	2	30	56-118	
1,1,1-Trichloroethane	100	118.8	119	2	30	60-140	
1,1-Dichloroethane	100	103.4	103	3	30	60-140	
1,2-Dichloropropane	100	170.0	96	2	30	60-140	
2,2-Dichloropropane	100	116.7	117	1	30	60-140	
Dibromomethane	100	103.3	103	4	30	60-140	
Chloroform	100	98.75	99	1	30	60-140	
Bromodichloromethane	100	102.0	102	5	30	60-140	
2-Chloroethyl vinyl ether	100	88.77	89	6	30	60-140	
1,1-Dichloropropene	100	86.55	87	3	30	60-140	
cis-1,3-Dichloropropene	100	82.81	83	3	30	60-140	
Toluene	100	90.66	91	1	30	76-125	
trans-1,3-Dichloropropene	100	102.2	102	6	30	60-140	
1,1,2-Trichloroethane	100	88.98	89	0	30	60-140	
Tetrachloroethene	100	109.3	109	5	30	60-140	
1,3-Dichloropropane	100	85.90	84	2	30	60-140	
Chlorodibromomethane	100	99.08	97	4	30	60-140	
1,2-Dibromoethane	100	92.41	90	7	30	60-140	
Chlorobenzene	100	88.62	87	4	30	72-122	
1,1,1,2-Tetrachloroethane	100	98.79	99	4	30	60-140	
Ethylbenzene	100	91.17	91	1	30	60-140	
m-Xylene & p-Xylene	200	184.8	92	1	30	60-140	
Xylenes, Total	300	274.3	91	1	30	60-140	
o-Xylene	100	89.51	90	1	30	60-140	
Styrene	100	92.34	91	3	30	60-140	
Bromoform	100	102.2	102	9	30	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C29608.D
 Lab ID: 600-81308-F-1 MSD DL Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	100	85.79	86	1	30	60-140	
Bromobenzene	100	93.88	90	2	30	60-140	
1,2,3-Trichloropropane	100	88.86	89	4	30	60-140	
1,1,2,2-Tetrachloroethane	100	95.03	95	9	30	60-140	
N-Propylbenzene	100	88.13	86	0	30	60-140	
2-Chlorotoluene	100	84.48	83	1	30	60-140	
4-Chlorotoluene	100	88.39	87	3	30	60-140	
1,3,5-Trimethylbenzene	100	88.97	88	1	30	60-140	
tert-Butylbenzene	100	86.64	85	0	30	60-140	
p-Isopropyltoluene	100	100.0	98	0	30	60-140	
1,2,4-Trimethylbenzene	100	91.09	89	3	30	60-140	
sec-Butylbenzene	100	85.40	84	1	30	60-140	
1,3-Dichlorobenzene	100	90.16	86	4	30	60-140	
1,4-Dichlorobenzene	100	94.76	90	8	30	60-140	
1,2-Dichlorobenzene	100	90.15	84	4	30	60-140	
n-Butylbenzene	100	92.77	90	1	30	60-140	
1,2-Dibromo-3-Chloropropane	100	101.2	87	28	30	60-140	
1,2,4-Trichlorobenzene	100	98.90	82	16	30	60-140	
Hexachlorobutadiene	100	96.91	86	2	30	60-140	
Naphthalene	100	79.01	62	32	30	60-140	F
1,2,3-Trichlorobenzene	100	102.2	75	24	30	60-140	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29405.D Lab Sample ID: MB 600-118652/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS01 Date Analyzed: 10/21/2013 11:19
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-118652/4	C29403.D	10/21/2013 10:27
	600-81163-C-2 MS	C29407.D	10/21/2013 12:22
	600-81163-C-2 MSD	C29408.D	10/21/2013 12:47
ARTESIA-MW26-10152013	600-81250-1	C29425.D	10/21/2013 19:57

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29505.D Lab Sample ID: MB 600-118680/6
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS01 Date Analyzed: 10/22/2013 11:25
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-118680/4	C29503.D	10/22/2013 10:03
ARTESIA-MW25-10152013	600-81250-4	C29506.D	10/22/2013 11:50
ARTESIA-MW22-10152013	600-81250-5	C29508.D	10/22/2013 12:18
ARTESIA-MW25-10152013 MS	600-81250-4 MS	C29509.D	10/22/2013 12:46
ARTESIA-MW25-10152013 MSD	600-81250-4 MSD	C29510.D	10/22/2013 13:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29606.D Lab Sample ID: MB 600-118798/6
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS01 Date Analyzed: 10/23/2013 15:39
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-118798/5	C29604.D	10/23/2013 14:47
	600-81308-F-1 MS DL	C29607.D	10/23/2013 16:04
	600-81308-F-1 MSD DL	C29608.D	10/23/2013 16:30
ARTESIA-MW15-10142013	600-81250-12	C29613.D	10/23/2013 18:39
ARTESIA-MW01-10142013	600-81250-13	C29614.D	10/23/2013 19:04
ARTESIA-MW33-10142013	600-81250-14	C29615.D	10/23/2013 19:30
ARTESIA-MW12-10142013	600-81250-15	C29616.D	10/23/2013 19:56
ARTESIA-MW17C-10142013	600-81250-16	C29617.D	10/23/2013 20:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab File ID: C29706.D Lab Sample ID: MB 600-118869/6
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS01 Date Analyzed: 10/24/2013 14:16
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-118869/4	C29703.D	10/24/2013 12:59
ARTESIA-MW12-10142013 MS DL	600-81250-15 MS DL	C29707.D	10/24/2013 14:40
ARTESIA-MW12-10142013 MSD DL	600-81250-15 MSD DL	C29708.D	10/24/2013 15:03
ARTESIA-MW12-10142013 DL	600-81250-15 DL	C29709.D	10/24/2013 15:29
ARTESIA-MW21-10152013	600-81250-2	C29712.D	10/24/2013 16:46
ARTESIA-MW31-10152013	600-81250-3	C29713.D	10/24/2013 17:12
ARTESIA-MW07-10152013	600-81250-8	C29714.D	10/24/2013 17:38
ARTESIA-MW08-10162013	600-81250-9	C29715.D	10/24/2013 18:03
ARTESIA-DUP01-10162013	600-81250-11	C29716.D	10/24/2013 18:29
ARTESIA-MW20-10152013	600-81250-6	C29717.D	10/24/2013 18:55
ARTESIA-MW18-10152013	600-81250-7	C29718.D	10/24/2013 19:20
ARTESIA-TB01-10142013	600-81250-17	C29719.D	10/24/2013 19:46
ARTESIA-MW32-10152013	600-81250-18	C29720.D	10/24/2013 20:12
ARTESIA-MW30-10152013	600-81250-19	C29721.D	10/24/2013 20:38
ARTESIA-DUP02-10152013	600-81250-20	C29722.D	10/24/2013 21:03
ARTESIA-MW29-10152013	600-81250-21	C29723.D	10/24/2013 21:29
ARTESIA-MW28-10152013	600-81250-22	C29724.D	10/24/2013 21:55

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29806.D Lab Sample ID: MB 600-118922/6
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS01 Date Analyzed: 10/25/2013 10:58
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 600-118922/4	C29803.D	10/25/2013 10:07
ARTESIA-MW11-10162013	600-81250-10	C29807.D	10/25/2013 11:23
ARTESIA-MW11-10162013 MS	600-81250-10 MS	C29808.D	10/25/2013 11:48
ARTESIA-MW11-10162013 MSD	600-81250-10 MSD	C29809.D	10/25/2013 12:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab File ID: C29300.D BFB Injection Date: 10/20/2013
 Instrument ID: VOAMS01 BFB Injection Time: 11:05
 Analysis Batch No.: 118531

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	49.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.1
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	74.9
175	5.0 - 9.0 % of mass 174	5.8 (7.7)1
176	95.0 - 101.0 % of mass 174	75.1 (100.3)1
177	5.0 - 9.0 % of mass 176	5.4 (7.2)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 600-118531/2	C29301.D	10/20/2013	13:50
	IC 600-118531/3	C29302.D	10/20/2013	14:30
	IC 600-118531/4	C29303.D	10/20/2013	14:56
	ICIS 600-118531/5	C29304.D	10/20/2013	15:22
	IC 600-118531/6	C29305.D	10/20/2013	15:47
	IC 600-118531/7	C29306.D	10/20/2013	16:13

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab File ID: C29400.D BFB Injection Date: 10/21/2013
 Instrument ID: VOAMS01 BFB Injection Time: 08:04
 Analysis Batch No.: 118652

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.6
75	30.0 - 60.0 % of mass 95	55.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	68.0
175	5.0 - 9.0 % of mass 174	5.1 (7.5)1
176	95.0 - 101.0 % of mass 174	68.1 (100.2)1
177	5.0 - 9.0 % of mass 176	4.1 (6.1)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 600-118652/2	C29401.D	10/21/2013	09:36
	LCS 600-118652/4	C29403.D	10/21/2013	10:27
	MB 600-118652/5	C29405.D	10/21/2013	11:19
	600-81163-C-2 MS	C29407.D	10/21/2013	12:22
	600-81163-C-2 MSD	C29408.D	10/21/2013	12:47
ARTESIA-MW26-10152013	600-81250-1	C29425.D	10/21/2013	19:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab File ID: C29500.D BFB Injection Date: 10/22/2013
 Instrument ID: VOAMS01 BFB Injection Time: 08:39
 Analysis Batch No.: 118680

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.0
75	30.0 - 60.0 % of mass 95	52.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.1
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	76.6
175	5.0 - 9.0 % of mass 174	6.1 (8.0)1
176	95.0 - 101.0 % of mass 174	73.7 (96.2)1
177	5.0 - 9.0 % of mass 176	4.5 (6.2)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-118680/2	C29501.D	10/22/2013	09:12
	CCV 600-118680/3	C29502.D	10/22/2013	09:37
	LCS 600-118680/4	C29503.D	10/22/2013	10:03
	MB 600-118680/6	C29505.D	10/22/2013	11:25
ARTESIA-MW25-10152013	600-81250-4	C29506.D	10/22/2013	11:50
ARTESIA-MW22-10152013	600-81250-5	C29508.D	10/22/2013	12:18
ARTESIA-MW25-10152013 MS	600-81250-4 MS	C29509.D	10/22/2013	12:46
ARTESIA-MW25-10152013 MSD	600-81250-4 MSD	C29510.D	10/22/2013	13:12

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29600.D BFB Injection Date: 10/23/2013
Instrument ID: VOAMS01 BFB Injection Time: 11:46
Analysis Batch No.: 118798

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.1
75	30.0 - 60.0 % of mass 95	59.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.5 (0.5) 1
174	50.0 - 120.00 % of mass 95	84.8
175	5.0 - 9.0 % of mass 174	6.7 (7.9) 1
176	95.0 - 101.0 % of mass 174	84.2 (99.2) 1
177	5.0 - 9.0 % of mass 176	5.0 (6.0) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 600-118798/3	C29602.D	10/23/2013	12:33
	CCVIS 600-118798/2	C29601.D	10/23/2013	13:50
	LCS 600-118798/5	C29604.D	10/23/2013	14:47
	MB 600-118798/6	C29606.D	10/23/2013	15:39
	600-81308-F-1 MS DL	C29607.D	10/23/2013	16:04
	600-81308-F-1 MSD DL	C29608.D	10/23/2013	16:30
ARTESIA-MW15-10142013	600-81250-12	C29613.D	10/23/2013	18:39
ARTESIA-MW01-10142013	600-81250-13	C29614.D	10/23/2013	19:04
ARTESIA-MW33-10142013	600-81250-14	C29615.D	10/23/2013	19:30
ARTESIA-MW12-10142013	600-81250-15	C29616.D	10/23/2013	19:56
ARTESIA-MW17C-10142013	600-81250-16	C29617.D	10/23/2013	20:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab File ID: C29700.D BFB Injection Date: 10/24/2013
Instrument ID: VOAMS01 BFB Injection Time: 10:21
Analysis Batch No.: 118869

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.7
75	30.0 - 60.0 % of mass 95	51.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	91.5
175	5.0 - 9.0 % of mass 174	6.8 (7.4) 1
176	95.0 - 101.0 % of mass 174	90.0 (98.4) 1
177	5.0 - 9.0 % of mass 176	5.1 (5.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-118869/2	C29701.D	10/24/2013	12:08
	CCV 600-118869/3	C29702.D	10/24/2013	12:33
	LCS 600-118869/4	C29703.D	10/24/2013	12:59
	MB 600-118869/6	C29706.D	10/24/2013	14:16
ARTESIA-MW12-10142013 MS DL	600-81250-15 MS DL	C29707.D	10/24/2013	14:40
ARTESIA-MW12-10142013 MSD DL	600-81250-15 MSD DL	C29708.D	10/24/2013	15:03
ARTESIA-MW12-10142013 DL	600-81250-15 DL	C29709.D	10/24/2013	15:29
ARTESIA-MW21-10152013	600-81250-2	C29712.D	10/24/2013	16:46
ARTESIA-MW31-10152013	600-81250-3	C29713.D	10/24/2013	17:12
ARTESIA-MW07-10152013	600-81250-8	C29714.D	10/24/2013	17:38
ARTESIA-MW08-10162013	600-81250-9	C29715.D	10/24/2013	18:03
ARTESIA-DUP01-10162013	600-81250-11	C29716.D	10/24/2013	18:29
ARTESIA-MW20-10152013	600-81250-6	C29717.D	10/24/2013	18:55
ARTESIA-MW18-10152013	600-81250-7	C29718.D	10/24/2013	19:20
ARTESIA-TB01-10142013	600-81250-17	C29719.D	10/24/2013	19:46
ARTESIA-MW32-10152013	600-81250-18	C29720.D	10/24/2013	20:12
ARTESIA-MW30-10152013	600-81250-19	C29721.D	10/24/2013	20:38
ARTESIA-DUP02-10152013	600-81250-20	C29722.D	10/24/2013	21:03
ARTESIA-MW29-10152013	600-81250-21	C29723.D	10/24/2013	21:29
ARTESIA-MW28-10152013	600-81250-22	C29724.D	10/24/2013	21:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab File ID: C29800.D BFB Injection Date: 10/25/2013
 Instrument ID: VOAMS01 BFB Injection Time: 07:50
 Analysis Batch No.: 118922

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.2
75	30.0 - 60.0 % of mass 95	48.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	84.6
175	5.0 - 9.0 % of mass 174	6.3 (7.5)1
176	95.0 - 101.0 % of mass 174	85.3 (100.8)1
177	5.0 - 9.0 % of mass 176	5.3 (6.2)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 600-118922/2	C29801.D	10/25/2013	09:15
	LCS 600-118922/4	C29803.D	10/25/2013	10:07
	MB 600-118922/6	C29806.D	10/25/2013	10:58
ARTESIA-MW11-10162013	600-81250-10	C29807.D	10/25/2013	11:23
ARTESIA-MW11-10162013 MS	600-81250-10 MS	C29808.D	10/25/2013	11:48
ARTESIA-MW11-10162013 MSD	600-81250-10 MSD	C29809.D	10/25/2013	12:14

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118680/2 Date Analyzed: 10/22/2013 09:12
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29501.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		279115	4.79	545229	5.52	291050	8.75
UPPER LIMIT		558230	5.29	1090458	6.02	582100	9.25
LOWER LIMIT		139558	4.29	272615	5.02	145525	8.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 600-118680/3		302982	4.79	450254	5.52	240158	8.75
LCS 600-118680/4		311921	4.79	452985	5.52	242906	8.75
MB 600-118680/6		274901	4.79	422939	5.51	223625	8.75
600-81250-4	ARTESIA-MW25-10152013	266856	4.79	415309	5.51	218572	8.75
600-81250-5	ARTESIA-MW22-10152013	268693	4.79	409528	5.52	222505	8.75
600-81250-4 MS	ARTESIA-MW25-10152013 MS	270423	4.79	409620	5.52	218990	8.76
600-81250-4 MSD	ARTESIA-MW25-10152013 MSD	261681	4.79	394398	5.52	214813	8.75

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118680/2 Date Analyzed: 10/22/2013 09:12
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29501.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		329395	11.69				
UPPER LIMIT		658790	12.19				
LOWER LIMIT		164698	11.19				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 600-118680/3		227675	11.68				
LCS 600-118680/4		232875	11.68				
MB 600-118680/6		203115	11.69				
600-81250-4	ARTESIA-MW25-10152013	234051	11.69				
600-81250-5	ARTESIA-MW22-10152013	241824	11.69				
600-81250-4 MS	ARTESIA-MW25-10152013 MS	212570	11.68				
600-81250-4 MSD	ARTESIA-MW25-10152013 MSD	209855	11.69				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118798/2 Date Analyzed: 10/23/2013 13:50
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29601.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		168239	4.79	266492	5.51	154496	8.75
UPPER LIMIT		336478	5.29	532984	6.01	308992	9.25
LOWER LIMIT		84120	4.29	133246	5.01	77248	8.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-118798/5		199716	4.79	264725	5.51	148019	8.75
MB 600-118798/6		185185	4.79	258157	5.52	138269	8.75
600-81308-F-1 MS DL		191104	4.79	252925	5.52	142988	8.75
600-81308-F-1 MSD DL		191132	4.79	255346	5.51	146151	8.75
600-81250-12	ARTESIA-MW15-10142013	150893	4.79	211044	5.51	119164	8.75
600-81250-13	ARTESIA-MW01-10142013	153451	4.79	210181	5.52	115204	8.75
600-81250-14	ARTESIA-MW33-10142013	143002	4.78	200314	5.52	110463	8.75
600-81250-15	ARTESIA-MW12-10142013	128792	4.79	169237	5.52	91620	8.75
600-81250-16	ARTESIA-MW17C-10142013	120671	4.79	154453	5.51	82001	8.75

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118798/2 Date Analyzed: 10/23/2013 13:50
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29601.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		155330	11.69				
UPPER LIMIT		310660	12.19				
LOWER LIMIT		77665	11.19				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-118798/5		156175	11.69				
MB 600-118798/6		133921	11.69				
600-81308-F-1 MS DL		149531	11.69				
600-81308-F-1 MSD DL		154138	11.69				
600-81250-12	ARTESIA-MW15-10142013	115654	11.69				
600-81250-13	ARTESIA-MW01-10142013	115725	11.68				
600-81250-14	ARTESIA-MW33-10142013	101170	11.69				
600-81250-15	ARTESIA-MW12-10142013	115519	11.68				
600-81250-16	ARTESIA-MW17C-10142013	114102	11.69				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118869/2 Date Analyzed: 10/24/2013 12:08
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29701.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		258455	4.79	497119	5.52	257032	8.75
UPPER LIMIT		516910	5.29	994238	6.02	514064	9.25
LOWER LIMIT		129228	4.29	248560	5.02	128516	8.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 600-118869/3		390731	4.79	530153	5.51	273232	8.75
LCS 600-118869/4		388805	4.79	524612	5.51	266991	8.75
MB 600-118869/6		347862	4.79	493919	5.51	242919	8.75
600-81250-15 MS DL	ARTESIA-MW12-10142013 MS DL	388349	4.79	527179	5.52	269660	8.75
600-81250-15 MSD DL	ARTESIA-MW12-10142013 MSD DL	408981	4.79	558042	5.52	280413	8.75
600-81250-15 DL	ARTESIA-MW12-10142013 DL	382739	4.79	525159	5.51	267037	8.75
600-81250-2	ARTESIA-MW21-10152013	367999	4.79	522486	5.51	259025	8.75
600-81250-3	ARTESIA-MW31-10152013	355439	4.79	501328	5.51	250263	8.75
600-81250-8	ARTESIA-MW07-10152013	354145	4.79	510646	5.52	257770	8.75
600-81250-9	ARTESIA-MW08-10162013	351884	4.79	499423	5.52	248238	8.75
600-81250-11	ARTESIA-DUP01-10162013	348815	4.78	493727	5.52	243806	8.75
600-81250-6	ARTESIA-MW20-10152013	360058	4.79	511397	5.51	251097	8.75
600-81250-7	ARTESIA-MW18-10152013	352657	4.79	507154	5.51	253856	8.75
600-81250-17	ARTESIA-TB01-10142013	340388	4.79	481732	5.51	241613	8.75
600-81250-18	ARTESIA-MW32-10152013	340552	4.79	476149	5.52	243885	8.75
600-81250-19	ARTESIA-MW30-10152013	339306	4.79	478927	5.51	247455	8.75
600-81250-20	ARTESIA-DUP02-10152013	330781	4.79	461355	5.52	244509	8.75
600-81250-21	ARTESIA-MW29-10152013	342090	4.79	475135	5.52	241900	8.75
600-81250-22	ARTESIA-MW28-10152013	343820	4.79	491960	5.51	248708	8.75

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118869/2 Date Analyzed: 10/24/2013 12:08
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29701.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		298638	11.69				
UPPER LIMIT		597276	12.19				
LOWER LIMIT		149319	11.19				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 600-118869/3		287773	11.69				
LCS 600-118869/4		310115	11.69				
MB 600-118869/6		251066	11.69				
600-81250-15 MS DL	ARTESIA-MW12-10142013 MS DL	315012	11.69				
600-81250-15 MSD DL	ARTESIA-MW12-10142013 MSD DL	326021	11.69				
600-81250-15 DL	ARTESIA-MW12-10142013 DL	297344	11.68				
600-81250-2	ARTESIA-MW21-10152013	264960	11.69				
600-81250-3	ARTESIA-MW31-10152013	254140	11.69				
600-81250-8	ARTESIA-MW07-10152013	264458	11.69				
600-81250-9	ARTESIA-MW08-10162013	254836	11.69				
600-81250-11	ARTESIA-DUP01-1016201 3	249436	11.69				
600-81250-6	ARTESIA-MW20-10152013	256791	11.69				
600-81250-7	ARTESIA-MW18-10152013	253900	11.69				
600-81250-17	ARTESIA-TB01-10142013	242750	11.68				
600-81250-18	ARTESIA-MW32-10152013	243991	11.69				
600-81250-19	ARTESIA-MW30-10152013	239765	11.69				
600-81250-20	ARTESIA-DUP02-1015201 3	235556	11.68				
600-81250-21	ARTESIA-MW29-10152013	242036	11.69				
600-81250-22	ARTESIA-MW28-10152013	247031	11.69				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118922/2 Date Analyzed: 10/25/2013 09:15
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29801.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		PFB		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		405316	4.79	547307	5.51	284360	8.75
UPPER LIMIT		810632	5.29	1094614	6.01	568720	9.25
LOWER LIMIT		202658	4.29	273654	5.01	142180	8.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-118922/4		413462	4.79	563579	5.52	291599	8.75
MB 600-118922/6		373425	4.79	538200	5.52	272471	8.75
600-81250-10	ARTESIA-MW11-10162013	378753	4.79	534425	5.52	272076	8.75
600-81250-10 MS	ARTESIA-MW11-10162013 MS	414616	4.79	573306	5.52	299618	8.75
600-81250-10 MSD	ARTESIA-MW11-10162013 MSD	417653	4.79	574282	5.52	297550	8.75

PFB = Pentafluorobenzene
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Sample No.: CCVIS 600-118922/2 Date Analyzed: 10/25/2013 09:15
 Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): C29801.D Heated Purge: (Y/N) N
 Calibration ID: 2534

		DCB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		338199	11.68				
UPPER LIMIT		676398	12.18				
LOWER LIMIT		169100	11.18				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 600-118922/4		348164	11.68				
MB 600-118922/6		271763	11.69				
600-81250-10	ARTESIA-MW11-10162013	262340	11.69				
600-81250-10 MS	ARTESIA-MW11-10162013 MS	349794	11.69				
600-81250-10 MSD	ARTESIA-MW11-10162013 MSD	345171	11.68				

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW26-10152013 Lab Sample ID: 600-81250-1

Matrix: Water Lab File ID: C29425.D

Analysis Method: 8260B Date Collected: 10/15/2013 10:50

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 19:57

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.323	J	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.711	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.248	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.125	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.456	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW26-10152013 Lab Sample ID: 600-81250-1

Matrix: Water Lab File ID: C29425.D

Analysis Method: 8260B Date Collected: 10/15/2013 10:50

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 19:57

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	123		67-139
1868-53-7	Dibromofluoromethane	101		62-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-10152013 Lab Sample ID: 600-81250-2

Matrix: Water Lab File ID: C29712.D

Analysis Method: 8260B Date Collected: 10/15/2013 12:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 16:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.241	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.607	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.276	J	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.499	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW21-10152013 Lab Sample ID: 600-81250-2

Matrix: Water Lab File ID: C29712.D

Analysis Method: 8260B Date Collected: 10/15/2013 12:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 16:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	106		67-139
1868-53-7	Dibromofluoromethane	95		62-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW31-10152013 Lab Sample ID: 600-81250-3

Matrix: Water Lab File ID: C29713.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:05

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 17:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.02		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW31-10152013 Lab Sample ID: 600-81250-3

Matrix: Water Lab File ID: C29713.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:05

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 17:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	112		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 Lab Sample ID: 600-81250-4

Matrix: Water Lab File ID: C29506.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 11:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	21.5		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.177	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.108	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.153	J	1.00	0.140
79-01-6	Trichloroethene	4.56		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	6.11		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	18.9		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 Lab Sample ID: 600-81250-4

Matrix: Water Lab File ID: C29506.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 11:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	97		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW22-10152013 Lab Sample ID: 600-81250-5

Matrix: Water Lab File ID: C29508.D

Analysis Method: 8260B Date Collected: 10/15/2013 14:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 12:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	15.2		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.273	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0978	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.157	J	1.00	0.140
79-01-6	Trichloroethene	4.40		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	5.39		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	14.4		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW22-10152013 Lab Sample ID: 600-81250-5

Matrix: Water Lab File ID: C29508.D

Analysis Method: 8260B Date Collected: 10/15/2013 14:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 12:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	94		67-139
1868-53-7	Dibromofluoromethane	101		62-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW20-10152013 Lab Sample ID: 600-81250-6

Matrix: Water Lab File ID: C29717.D

Analysis Method: 8260B Date Collected: 10/15/2013 15:10

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.494	J	2.00	0.180
75-01-4	Vinyl chloride	0.129	J	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	2.44		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	2.14		1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	2.86		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.242	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.190	J	1.00	0.140
79-01-6	Trichloroethene	4.04		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	12.3		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	3.57		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.175	J	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW20-10152013 Lab Sample ID: 600-81250-6

Matrix: Water Lab File ID: C29717.D

Analysis Method: 8260B Date Collected: 10/15/2013 15:10

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	108		67-139
1868-53-7	Dibromofluoromethane	98		62-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW18-10152013 Lab Sample ID: 600-81250-7

Matrix: Water Lab File ID: C29718.D

Analysis Method: 8260B Date Collected: 10/15/2013 15:45

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 19:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.219	J	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	7.00		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.149	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.52		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.96		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	9.60		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW18-10152013 Lab Sample ID: 600-81250-7

Matrix: Water Lab File ID: C29718.D

Analysis Method: 8260B Date Collected: 10/15/2013 15:45

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 19:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	108		67-139
1868-53-7	Dibromofluoromethane	101		62-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW07-10152013 Lab Sample ID: 600-81250-8

Matrix: Water Lab File ID: C29714.D

Analysis Method: 8260B Date Collected: 10/15/2013 16:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 17:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.241	J	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.570	J	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.233	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.783	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW07-10152013 Lab Sample ID: 600-81250-8

Matrix: Water Lab File ID: C29714.D

Analysis Method: 8260B Date Collected: 10/15/2013 16:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 17:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		67-139
1868-53-7	Dibromofluoromethane	98		62-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW08-10162013 Lab Sample ID: 600-81250-9

Matrix: Water Lab File ID: C29715.D

Analysis Method: 8260B Date Collected: 10/16/2013 08:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.33		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.131	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.299	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.46		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	2.13		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.93		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW08-10162013 Lab Sample ID: 600-81250-9

Matrix: Water Lab File ID: C29715.D

Analysis Method: 8260B Date Collected: 10/16/2013 08:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	109		67-139
1868-53-7	Dibromofluoromethane	99		62-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 Lab Sample ID: 600-81250-10

Matrix: Water Lab File ID: C29807.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 11:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.209	J	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.282	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.658	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.65		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.44		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 Lab Sample ID: 600-81250-10

Matrix: Water Lab File ID: C29807.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 11:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	112		67-139
1868-53-7	Dibromofluoromethane	99		62-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP01-10162013 Lab Sample ID: 600-81250-11

Matrix: Water Lab File ID: C29716.D

Analysis Method: 8260B Date Collected: 10/16/2013 11:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	1.33		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.142	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.320	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.52		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	2.19		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.90		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP01-10162013 Lab Sample ID: 600-81250-11

Matrix: Water Lab File ID: C29716.D

Analysis Method: 8260B Date Collected: 10/16/2013 11:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 18:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	108		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW15-10142013 Lab Sample ID: 600-81250-12

Matrix: Water Lab File ID: C29613.D

Analysis Method: 8260B Date Collected: 10/14/2013 14:40

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 18:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.152	J	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	5.01		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	38.4		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.366	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	1.32		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW15-10142013 Lab Sample ID: 600-81250-12

Matrix: Water Lab File ID: C29613.D

Analysis Method: 8260B Date Collected: 10/14/2013 14:40

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 18:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	121		67-139
1868-53-7	Dibromofluoromethane	103		62-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW01-10142013 Lab Sample ID: 600-81250-13

Matrix: Water Lab File ID: C29614.D

Analysis Method: 8260B Date Collected: 10/14/2013 14:10

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW01-10142013 Lab Sample ID: 600-81250-13

Matrix: Water Lab File ID: C29614.D

Analysis Method: 8260B Date Collected: 10/14/2013 14:10

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.241	J	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	111		67-139
1868-53-7	Dibromofluoromethane	97		62-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW33-10142013 Lab Sample ID: 600-81250-14

Matrix: Water Lab File ID: C29615.D

Analysis Method: 8260B Date Collected: 10/14/2013 16:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW33-10142013 Lab Sample ID: 600-81250-14

Matrix: Water Lab File ID: C29615.D

Analysis Method: 8260B Date Collected: 10/14/2013 16:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	118		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 Lab Sample ID: 600-81250-15

Matrix: Water Lab File ID: C29616.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	21.6		1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	4.46		1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	3.04		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	17.2		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.594	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.180	J	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 Lab Sample ID: 600-81250-15

Matrix: Water Lab File ID: C29616.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 19:56

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	51.5		1.00	0.170
1330-20-7	Xylenes, Total	52.4		1.00	0.260
95-47-6	o-Xylene	0.921	J	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	1.06		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	3.03		1.00	0.100
98-06-6	tert-Butylbenzene	0.265	J	1.00	0.0800
99-87-6	p-Isopropyltoluene	1.24		1.00	0.100
135-98-8	sec-Butylbenzene	6.99		1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	5.81		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		67-139
1868-53-7	Dibromofluoromethane	96		62-130
2037-26-5	Toluene-d8 (Surr)	74		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Client Sample ID: ARTESIA-MW12-10142013 DL Lab Sample ID: 600-81250-15 DL
 Matrix: Water Lab File ID: C29709.D
 Analysis Method: 8260B Date Collected: 10/14/2013 15:20
 Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 15:29
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	136		20.0	2.20
98-82-8	Isopropylbenzene	79.8		20.0	3.60
103-65-1	N-Propylbenzene	126		20.0	3.00
95-63-6	1,2,4-Trimethylbenzene	269		20.0	2.80
91-20-3	Naphthalene	92.8		40.0	6.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		67-139
1868-53-7	Dibromofluoromethane	93		62-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW17C-10142013 Lab Sample ID: 600-81250-16

Matrix: Water Lab File ID: C29617.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:50

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 20:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.437	J	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.331	J	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.352	J	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW17C-10142013 Lab Sample ID: 600-81250-16

Matrix: Water Lab File ID: C29617.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:50

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 20:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.477	J	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.221	J	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.290	J	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.625	J	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.874	J	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	4.66		1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	11.8	B	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	71		67-139
1868-53-7	Dibromofluoromethane	86		62-130
2037-26-5	Toluene-d8 (Surr)	127		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-TB01-10142013 Lab Sample ID: 600-81250-17

Matrix: Water Lab File ID: C29719.D

Analysis Method: 8260B Date Collected: 10/14/2013 12:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 19:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-TB01-10142013 Lab Sample ID: 600-81250-17

Matrix: Water Lab File ID: C29719.D

Analysis Method: 8260B Date Collected: 10/14/2013 12:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 19:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	112		67-139
1868-53-7	Dibromofluoromethane	102		62-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-10152013 Lab Sample ID: 600-81250-18

Matrix: Water Lab File ID: C29720.D

Analysis Method: 8260B Date Collected: 10/15/2013 06:55

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 20:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	3.94		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0874	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.48		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.20		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	6.83		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW32-10152013 Lab Sample ID: 600-81250-18

Matrix: Water Lab File ID: C29720.D

Analysis Method: 8260B Date Collected: 10/15/2013 06:55

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 20:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	109		67-139
1868-53-7	Dibromofluoromethane	103		62-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW30-10152013 Lab Sample ID: 600-81250-19

Matrix: Water Lab File ID: C29721.D

Analysis Method: 8260B Date Collected: 10/15/2013 07:40

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 20:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	18.8		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.193	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.111	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.204	J	1.00	0.140
79-01-6	Trichloroethene	8.34		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	8.75		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	35.8		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW30-10152013 Lab Sample ID: 600-81250-19

Matrix: Water Lab File ID: C29721.D

Analysis Method: 8260B Date Collected: 10/15/2013 07:40

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 20:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	114		67-139
1868-53-7	Dibromofluoromethane	105		62-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP02-10152013 Lab Sample ID: 600-81250-20

Matrix: Water Lab File ID: C29722.D

Analysis Method: 8260B Date Collected: 10/15/2013 08:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	22.3		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.220	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.129	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.219	J	1.00	0.140
79-01-6	Trichloroethene	9.46		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	9.76		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.132	J	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	41.3		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-DUP02-10152013 Lab Sample ID: 600-81250-20

Matrix: Water Lab File ID: C29722.D

Analysis Method: 8260B Date Collected: 10/15/2013 08:00

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	114		67-139
1868-53-7	Dibromofluoromethane	104		62-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW29-10152013 Lab Sample ID: 600-81250-21

Matrix: Water Lab File ID: C29723.D

Analysis Method: 8260B Date Collected: 10/15/2013 09:45

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	6.34		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.156	J	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0883	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	1.98		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	1.38		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	4.41		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW29-10152013 Lab Sample ID: 600-81250-21

Matrix: Water Lab File ID: C29723.D

Analysis Method: 8260B Date Collected: 10/15/2013 09:45

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	110		67-139
1868-53-7	Dibromofluoromethane	102		62-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW28-10152013 Lab Sample ID: 600-81250-22

Matrix: Water Lab File ID: C29724.D

Analysis Method: 8260B Date Collected: 10/15/2013 10:15

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.316	J	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	18.9		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	1.12		1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.633	J	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.110	J	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.191	J	1.00	0.140
79-01-6	Trichloroethene	8.47		1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	9.53		1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	28.2		1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW28-10152013 Lab Sample ID: 600-81250-22

Matrix: Water Lab File ID: C29724.D

Analysis Method: 8260B Date Collected: 10/15/2013 10:15

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 21:55

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	109		67-139
1868-53-7	Dibromofluoromethane	102		62-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		50-134

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-118531/2	C29301.D
Level 2	IC 600-118531/3	C29302.D
Level 3	IC 600-118531/4	C29303.D
Level 4	ICIS 600-118531/5	C29304.D
Level 5	IC 600-118531/6	C29305.D
Level 6	IC 600-118531/7	C29306.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	1.5096 1.4045	1.4529	1.4614	1.4107	1.4453	Ave		1.4474				2.6		15.0			
Chloromethane	1.7357 1.5731	1.7278	1.8982	1.6870	1.6022	Ave		1.7040			0.1000	6.8		15.0			
Vinyl chloride	1.8686 1.8924	1.9356	1.9540	1.9433	1.9239	Ave		1.9196				1.7		30.0			
Bromomethane	1.1721 1.1906	1.1855	1.2007	1.1895	1.1968	Ave		1.1892				0.8		15.0			
Chloroethane	1.0852 1.0463	1.0152	0.9886	1.0263	1.0745	Ave		1.0394				3.5		15.0			
Trichlorofluoromethane	2.8581 2.6027	3.0170	3.3786	2.9978	2.8653	Ave		2.9533				8.7		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0571 0.9847	0.9003	1.0426	0.9136	0.9267	Ave		0.9708				7.0		15.0			
Acrolein	0.0519 0.0478	0.0443	0.0502	0.0455	0.0392	Ave		0.0465				9.8		15.0			
1,1-Dichloroethene	1.3150 1.1363	1.1596	1.3030	1.1201	1.0689	Ave		1.1838				8.6		30.0			
Acetone	0.3243 0.1108	0.1825	0.1610	0.1228	0.1071	Lin1	-0.310	0.1048							0.9946		0.9900
Iodomethane	2.4356 2.1703	1.9144	2.5383	2.1136	1.9942	Ave		2.1944				11.2		15.0			
Carbon disulfide	3.8600 3.3743	2.7274	3.9799	3.2229	2.8585	Lin1	-0.009	3.2775							0.9900		0.9900
Isopropyl alcohol	0.0194 0.0108	0.0114	0.0115	0.0123	0.0106	Lin1	-0.477	0.0107							0.9959		0.9900
Acetonitrile	0.1750 0.1588	0.1738	0.1752	0.1664	0.1638	Ave		0.1688				4.1		15.0			
3-Chloro-1-propene	0.5182 0.5556	0.5229	0.5112	0.5242	0.5365	Ave		0.5281				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylene Chloride	1.3345 0.7830	1.0576	0.9267	0.8439	0.7725	Lin1	-0.062	0.7681							0.9994		0.9900
trans-1,2-Dichloroethene	1.0397 0.9833	0.9968	1.0053	0.9543	0.9418	Ave		0.9869				3.6		15.0			
Methyl tert-butyl ether	1.4436 1.4503	1.4678	1.4968	1.4650	1.3945	Ave		1.4530				2.3		15.0			
Acrylonitrile	0.0880 0.0863	0.0857	0.0926	0.0874	0.0846	Ave		0.0874				3.2		15.0			
1,1-Dichloroethane	1.2032 1.1387	1.1823	1.2875	1.1721	1.2047	Ave		1.1981			0.1000	4.2		15.0			
2-Chloro-1,3-butadiene	0.9288 0.9411	0.8782	0.9571	0.9369	0.9399	Ave		0.9303				2.9		15.0			
Vinyl acetate	0.8470 0.6710	0.6668	0.6942	0.6569	0.6640	Ave		0.7000				10.4		15.0			
2,2-Dichloropropane	1.2116 1.1636	1.1789	1.2503	1.1838	1.2051	Ave		1.1989				2.6		15.0			
cis-1,2-Dichloroethene	1.0738 0.9827	1.0531	1.0597	0.9994	0.9861	Ave		1.0258				4.0		15.0			
2-Butanone (MEK)	0.1375 0.1133	0.1196	0.1219	0.1155	0.1065	Ave		0.1191				8.8		15.0			
Propionitrile	0.0364 0.0310	0.0356	0.0341	0.0348	0.0292	Ave		0.0335				8.4		15.0			
Bromochloromethane	0.3681 0.3385	0.3877	0.3588	0.3512	0.3377	Ave		0.3570				5.3		15.0			
Methacrylonitrile	0.0487 0.0437	0.0423	0.0494	0.0467	0.0429	Ave		0.0456				6.7		15.0			
Chloroform	2.6450 2.3616	2.5304	2.5668	2.4524	2.4536	Ave		2.5016				4.0		30.0			
1,1,1-Trichloroethane	1.3550 1.3696	1.3428	1.4383	1.3887	1.4266	Ave		1.3869				2.8		15.0			
Carbon tetrachloride	1.1517 1.1899	1.1202	1.2371	1.1831	1.2314	Ave		1.1856				3.8		15.0			
1,1-Dichloropropene	2.3902 1.9298	2.0398	2.1427	1.9761	1.9919	Ave		2.0784				8.1		15.0			
Benzene	2.7861 2.5429	2.6386	2.7478	2.6299	2.6422	Ave		2.6646				3.3		15.0			
Isobutyl alcohol	0.0080 0.0076	0.0078	0.0069	0.0082	0.0075	Ave		0.0076				5.8		15.0			
1,2-Dichloroethane	0.8122 0.6798	0.7888	0.7612	0.7318	0.7049	Ave		0.7465				6.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.7593 0.7797	0.7600	0.8269	0.8007	0.8082	Ave		0.7891				3.5		15.0			
1,2-Dichloropropane	0.5794 0.5258	0.5035	0.5412	0.5286	0.5382	Ave		0.5361				4.7		30.0			
Dibromomethane	0.2274 0.2189	0.2188	0.2340	0.2357	0.2260	Ave		0.2268				3.2		15.0			
Methyl methacrylate	0.3891 0.4040	0.4020	0.4006	0.3974	0.3901	Ave		0.3972				1.6		15.0			
1,4-Dioxane	0.0014 0.0011	0.0013	0.0010	0.0011	0.0012	Ave		0.0012				12.3		15.0			
Bromodichloromethane	1.5074 1.5172	1.4379	1.5009	1.4837	1.4994	Ave		1.4911				1.9		15.0			
2-Chloroethyl vinyl ether	0.2704 0.3128	0.2686	0.2749	0.3006	0.2970	Ave		0.2874				6.4		15.0			
cis-1,3-Dichloropropene	1.4610 1.5981	1.4322	1.5797	1.5372	1.5471	Ave		1.5259				4.3		15.0			
4-Methyl-2-pentanone (MIBK)	0.3231 0.3349	0.3218	0.3303	0.3302	0.3347	Ave		0.3292				1.7		15.0			
Toluene	3.4649 3.4029	3.4060	3.5581	3.4030	3.4867	Ave		3.4536				1.8		30.0			
trans-1,3-Dichloropropene	1.0217 1.1917	1.0153	1.1065	1.1094	1.1440	Ave		1.0981				6.3		15.0			
Ethyl methacrylate	0.6547 0.7090	0.6306	1.3602	0.6773	0.7090	Lin	-0.063	0.7025							0.9972		0.9900
1,1,2-Trichloroethane	0.5642 0.5602	0.6045	0.5985	0.5694	0.5682	Ave		0.5775				3.3		15.0			
Tetrachloroethene	1.2958 1.2231	1.2512	1.3080	1.2081	1.2397	Ave		1.2543				3.2		15.0			
1,3-Dichloropropane	1.1987 1.0514	1.0414	1.1015	1.0529	1.0589	Ave		1.0841				5.5		15.0			
2-Hexanone	0.2758 0.2351	0.2999	0.2537	0.2508	0.2437	Ave		0.2598				9.2		15.0			
Chlorodibromomethane	0.7337 0.8122	0.7489	0.7723	0.7602	0.7834	Ave		0.7684				3.6		15.0			
1,2-Dibromoethane	0.5941 0.5452	0.5364	0.5564	0.5392	0.5309	Ave		0.5504				4.2		15.0			
Chlorobenzene	3.8122 3.7114	3.7236	3.9104	3.7492	3.8033	Ave		3.7850			0.3000	2.0		15.0			
Ethylbenzene	2.2459 2.2134	2.1472	2.2646	2.1572	2.2297	Ave		2.2097				2.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	1.1380 1.2331	1.1616	1.2561	1.2030	1.2296	Ave		1.2036				3.8		15.0			
m-Xylene & p-Xylene	2.7390 2.7630	2.6544	2.8586	2.7594	2.8276	Ave		2.7670				2.6		15.0			
o-Xylene	2.4692 2.6096	2.5041	2.6471	2.5713	2.6113	Ave		2.5687				2.7		15.0			
Styrene	3.6483 3.9002	3.6575	3.9319	3.8803	3.9054	Ave		3.8206				3.4		15.0			
Bromoform	0.3047 0.3866	0.3065	0.3335	0.3576	0.3598	Ave		0.3414			0.1000	9.5		15.0			
Isopropylbenzene	7.7913 7.7333	6.8943	8.4020	8.0955	8.3473	Ave		7.8773				7.0		15.0			
Bromobenzene	1.4114 1.3592	1.2263	1.3953	1.4026	1.4095	Ave		1.3674				5.2		15.0			
1,1,2,2-Tetrachloroethane	0.5140 0.4975	0.5253	0.4900	0.5041	0.4915	Ave		0.5037			0.3000	2.7		15.0			
N-Propylbenzene	2.0285 2.0962	1.8925	2.2324	2.1326	2.2357	Ave		2.1030				6.2		15.0			
1,2,3-Trichloropropane	0.2311 0.1942	0.2050	0.2199	0.2203	0.2108	Ave		0.2135				6.1		15.0			
trans-1,4-Dichloro-2-butene	0.1346 0.1687	0.1257	0.1517	0.1524	0.1675	Ave		0.1501				11.5		15.0			
2-Chlorotoluene	1.7587 1.7325	1.5930	1.8834	1.7734	1.8194	Ave		1.7601				5.5		15.0			
1,3,5-Trimethylbenzene	6.4810 6.5992	5.8880	7.0271	6.8492	7.0584	Ave		6.6505				6.6		15.0			
4-Chlorotoluene	6.5003 6.1012	5.6992	6.6001	6.3617	6.4856	Ave		6.2913				5.4		15.0			
tert-Butylbenzene	5.9877 5.9057	5.6611	6.3065	6.0584	6.2512	Ave		6.0284				3.9		15.0			
1,2,4-Trimethylbenzene	6.2956 6.2823	6.1645	6.7085	6.5923	6.7200	Ave		6.4605				3.7		15.0			
sec-Butylbenzene	8.6232 8.4870	8.6006	8.9871	8.8510	9.0863	Ave		8.7725				2.7		15.0			
1,3-Dichlorobenzene	3.2660 3.0007	3.0530	3.2109	3.0956	3.1509	Ave		3.1295				3.2		15.0			
p-Isopropyltoluene	6.4429 6.7147	6.5923	7.0140	6.9724	7.1753	Ave		6.8186				4.1		15.0			
1,4-Dichlorobenzene	2.9940 2.7392	2.8271	2.9424	2.8689	2.9094	Ave		2.8802				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	5.9040 6.5296	6.0031	6.5927	6.6043	6.9298	Ave		6.4273				6.1		15.0			
1,2-Dichlorobenzene	2.5273 2.3381	2.3688	2.5301	2.4566	2.4840	Ave		2.4508				3.3		15.0			
1,2-Dibromo-3-Chloropropane	0.1085 0.0915	0.0943	0.0873	0.0865	0.0911	Ave		0.0932				8.6		15.0			
1,2,4-Trichlorobenzene	1.4920 1.4771	1.6714	1.3622	1.4298	1.5165	Ave		1.4915				7.0		15.0			
Hexachlorobutadiene	0.5278 0.5739	0.6625	0.5548	0.5317	0.5906	Ave		0.5736				8.7		15.0			
Naphthalene	1.4606 1.6404	1.6285	1.4306	1.5926	1.6861	Ave		1.5731				6.6		15.0			
1,2,3-Trichlorobenzene	1.1244 1.0566	1.2286	0.9794	1.0634	1.1101	Ave		1.0938				7.6		15.0			
Dibromofluoromethane	0.8620 0.8277	0.8672	0.8876	0.8465	0.8118	Ave		0.8505				3.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.8576 0.8187	0.8489	0.8743	0.8529	0.8202	Ave		0.8454				2.6		15.0			
Toluene-d8 (Surr)	4.6735 4.5829	4.6162	4.8832	4.6510	4.7609	Ave		4.6946				2.4		15.0			
4-Bromofluorobenzene	1.7155 1.6262	1.5475	1.7168	1.6990	1.7026	Ave		1.6679				4.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 600-118531/2	C29301.D
Level 2	IC 600-118531/3	C29302.D
Level 3	IC 600-118531/4	C29303.D
Level 4	ICIS 600-118531/5	C29304.D
Level 5	IC 600-118531/6	C29305.D
Level 6	IC 600-118531/7	C29306.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	PFB	Ave	33207 1721086	63767	159034	324453	671552	1.00 50.0	2.00	5.00	10.0	20.0
Chloromethane	PFB	Ave	38180 1927681	75831	206572	387992	744435	1.00 50.0	2.00	5.00	10.0	20.0
Vinyl chloride	PFB	Ave	41102 2319012	84949	212639	446940	893917	1.00 50.0	2.00	5.00	10.0	20.0
Bromomethane	PFB	Ave	25783 1458956	52031	130665	273577	556082	1.00 50.0	2.00	5.00	10.0	20.0
Chloroethane	PFB	Ave	23871 1282159	44553	107588	236035	499271	1.00 50.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	PFB	Ave	62869 3189424	132411	367671	689473	1331356	1.00 50.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	23252 1206600	39513	113461	210115	430606	1.00 50.0	2.00	5.00	10.0	20.0
Acrolein	PFB	Ave	5705 292698	9718	27291	52371	91061	5.00 250	10.0	25.0	50.0	100
1,1-Dichloroethene	PFB	Ave	28925 1392442	50893	141795	257619	496655	1.00 50.0	2.00	5.00	10.0	20.0
Acetone	PFB	Lin1	14265 271554	16018	35041	56477	99487	2.00 100	4.00	10.0	20.0	40.0
Iodomethane	PFB	Ave	107149 5318890	168037	552466	972242	1853148	2.00 100	4.00	10.0	20.0	40.0
Carbon disulfide	PFB	Lin1	169814 8269709	239402	866230	1482510	2656372	2.00 100	4.00	10.0	20.0	40.0
Isopropyl alcohol	PFB	Lin1	4267 132538	5015	12468	28315	49111	10.0 500	20.0	50.0	100	200
Acetonitrile	PFB	Ave	7700 389272	15255	38130	76536	152263	2.00 100	4.00	10.0	20.0	40.0
3-Chloro-1-propene	PFB	Ave	22797 1361775	45902	111265	241119	498593	2.00 100	4.00	10.0	20.0	40.0
Methylene Chloride	PFB	Lin1	29354 959458	46416	100843	194096	358958	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,2-Dichloroethene	PFB	Ave	22869 1204926	43749	109402	219480	437589	1.00 50.0	2.00	5.00	10.0	20.0
Methyl tert-butyl ether	PFB	Ave	31755 1777262	64420	162888	336947	647922	1.00 50.0	2.00	5.00	10.0	20.0
Acrylonitrile	PFB	Ave	9682 528943	18805	50376	100461	196575	5.00 250	10.0	25.0	50.0	100
1,1-Dichloroethane	DFB	Ave	40048 2120502	79551	208444	399134	812905	1.00 50.0	2.00	5.00	10.0	20.0
2-Chloro-1,3-butadiene	PFB	Ave	40860 2306546	77084	208317	430946	873481	2.00 100	4.00	10.0	20.0	40.0
Vinyl acetate	PFB	Ave	37263 1644596	58530	151095	302158	617089	2.00 100	4.00	10.0	20.0	40.0
2,2-Dichloropropane	DFB	Ave	40325 2166948	79318	202407	403123	813186	1.00 50.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	PFB	Ave	23621 1204191	46218	115319	229845	458174	1.00 50.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	PFB	Ave	6050 277698	10502	26541	53116	98924	2.00 100	4.00	10.0	20.0	40.0
Propionitrile	PFB	Ave	1601 76076	3122	7421	16021	27130	2.00 100	4.00	10.0	20.0	40.0
Bromochloromethane	PFB	Ave	8098 414764	17017	39043	80781	156889	1.00 50.0	2.00	5.00	10.0	20.0
Methacrylonitrile	PFB	Ave	2144 107197	3715	10760	21468	39837	2.00 100	4.00	10.0	20.0	40.0
Chloroform	CBZ	Ave	45980 2312316	88080	222634	448217	885322	1.00 50.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	DFB	Ave	45100 2550509	90349	232857	472900	962666	1.00 50.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	DFB	Ave	38332 2215822	75372	200271	402893	830940	1.00 50.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	CBZ	Ave	41550 1889477	71005	185855	361163	718731	1.00 50.0	2.00	5.00	10.0	20.0
Benzene	DFB	Ave	92731 4735352	177532	444856	895580	1782897	1.00 50.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	PFB	Ave	1749 92657	3406	7481	18755	34980	10.0 500	20.0	50.0	100	200
1,2-Dichloroethane	DFB	Ave	27034 1265922	53076	123235	249190	475669	1.00 50.0	2.00	5.00	10.0	20.0
Trichloroethene	DFB	Ave	25273 1451867	51133	133867	272657	545353	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	DFB	Ave	19285 979085	33876	87621	180007	363156	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	DFB	Ave	7568 407645	14719	37884	80266	152504	1.00 50.0	2.00	5.00	10.0	20.0
Methyl methacrylate	CBZ	Ave	13528 791212	27988	69486	145275	281524	2.00 100	4.00	10.0	20.0	40.0
1,4-Dioxane	DFB	Ave	2376 100895	4262	8452	18506	39701	50.0 2500	100	250	500	1000
Bromodichloromethane	CBZ	Ave	26204 1485511	50051	130180	271164	541028	1.00 50.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	CBZ	Ave	9401 612550	18700	47687	109870	214350	2.00 100	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	CBZ	Ave	25397 1564695	49855	137016	280955	558236	1.00 50.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	11235 655903	22405	57295	120681	241519	2.00 100	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	60233 3331847	118561	308619	621947	1258109	1.00 50.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	17761 1166789	35342	95972	202766	412791	1.00 50.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin	22762 1388307	43898	117982	247588	511630	2.00 100	4.00	5.00	20.0	40.0
1,1,2-Trichloroethane	CBZ	Ave	9808 548485	21043	51910	104065	205017	1.00 50.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	22525 1197596	43555	113454	220796	447336	1.00 50.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	20838 1029477	36249	95541	192440	382099	1.00 50.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	9588 460430	20876	44005	91659	175856	2.00 100	4.00	10.0	20.0	40.0
Chlorodibromomethane	CBZ	Ave	12754 795279	26068	66987	138931	282657	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	10327 533813	18673	48257	98552	191547	1.00 50.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	66270 3633934	129615	339174	685224	1372361	1.00 50.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	39042 2167192	74743	196424	394258	804532	1.00 50.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	19783 1207365	40434	108946	219865	443667	1.00 50.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	95229 5410546	184798	495895	1008629	2040585	2.00 100	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	42923 2555097	87165	229598	469948	942222	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBZ	Ave	63420 3818728	127316	341037	709179	1409199	1.00 50.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	5296 378525	10668	28927	65353	129836	1.00 50.0	2.00	5.00	10.0	20.0
Isopropylbenzene	DCB	Ave	127067 7480369	255534	690729	1408718	2881848	1.00 50.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	23019 1314726	45454	114711	244078	486609	1.00 50.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	8936 487145	18284	42500	92140	177332	1.00 50.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	33082 2027618	70146	183524	371100	771869	1.00 50.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	3769 187801	7599	18078	38332	72784	1.00 50.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	4390 326272	9321	24939	53045	115623	2.00 100	4.00	10.0	20.0	40.0
2-Chlorotoluene	DCB	Ave	28682 1675853	59044	154833	308592	628128	1.00 50.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	105697 6383344	218238	577702	1191852	2436861	1.00 50.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	106012 5901608	211239	542595	1107010	2239110	1.00 50.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	97653 5712487	209826	518459	1054239	2158178	1.00 50.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	102674 6076785	228485	551502	1147138	2320025	1.00 50.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	140634 8209357	318779	738829	1540192	3136971	1.00 50.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	53264 2902535	113158	263972	538681	1087826	1.00 50.0	2.00	5.00	10.0	20.0
p-Isopropyltoluene	DCB	Ave	105076 6495022	244343	576617	1213285	2477234	1.00 50.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	48829 2649609	104787	241895	499220	1004454	1.00 50.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	96287 6316004	222504	541988	1149231	2392457	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	41217 2261632	87798	207997	427485	857573	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1769 88463	3494	7173	15054	31467	1.00 50.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	24333 1428746	61951	111990	248799	523570	1.00 50.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Houston Job No.: 600-81250-1 Analy Batch No.: 118531

SDG No.: _____

Instrument ID: VOAMS01 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/20/2013 13:50 Calibration End Date: 10/20/2013 16:13 Calibration ID: 2533

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	8607 555172	24557	45613	92519	203897	1.00 50.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	23820 1586773	60360	117609	277132	582098	1.00 50.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	18338 1022056	45538	80520	185047	383238	1.00 50.0	2.00	5.00	10.0	20.0
Dibromofluoromethane	PFB	Ave	18961 1014309	38060	96596	194692	377181	1.00 50.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	PFB	Ave	18864 1003246	37255	95150	196153	381109	1.00 50.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	81243 4487192	160686	423556	850032	1717866	1.00 50.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene	DCB	Ave	27977 1573004	57358	141140	295650	587796	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCV 600-118652/2 Calibration Date: 10/21/2013 09:36

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29401.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.447	1.554		10.7	10.0	7.3	35.0
Chloromethane	Ave	1.704	1.523	0.1000	8.94	10.0	-10.6	35.0
Vinyl chloride	Ave	1.920	1.857		9.68	10.0	-3.2	20.0
Bromomethane	Ave	1.189	1.059		8.91	10.0	-11.0	35.0
Chloroethane	Ave	1.039	1.106		10.7	10.0	6.5	35.0
Trichlorofluoromethane	Ave	2.953	3.637		12.3	10.0	23.2	35.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9708	1.173		12.1	10.0	20.8	35.0
Acrolein	Ave	0.0465	0.0433		46.6	50.0	-6.9	50.0
1,1-Dichloroethene	Ave	1.184	1.382		11.7	10.0	16.7	20.0
Acetone	Lin1	0.1681	0.1266		20.3	20.0	1.4	50.0
Iodomethane	Ave	2.194	2.530		23.1	20.0	15.3	35.0
Carbon disulfide	Lin1	3.337	4.243		25.8	20.0	28.9	35.0
Isopropyl alcohol	Lin1	0.0127	0.0155		146	100	45.9	50.0
Acetonitrile	Ave	0.1688	0.2049		24.3	20.0	21.3	50.0
3-Chloro-1-propene	Ave	0.5281	0.6088		23.1	20.0	15.3	35.0
Methylene Chloride	Lin1	0.9530	0.8944		10.9	10.0	8.7	50.0
trans-1,2-Dichloroethene	Ave	0.9869	1.037		10.5	10.0	5.0	35.0
Methyl tert-butyl ether	Ave	1.453	1.498		10.3	10.0	3.1	35.0
Acrylonitrile	Ave	0.0874	0.0909		52.0	50.0	4.0	50.0
1,1-Dichloroethane	Ave	1.198	1.256	0.1000	10.5	10.0	4.8	35.0
2-Chloro-1,3-butadiene	Ave	0.9303	0.9664		20.8	20.0	3.9	35.0
Vinyl acetate	Ave	0.7000	0.9102		26.0	20.0	30.0	50.0
2,2-Dichloropropane	Ave	1.199	1.418		11.8	10.0	18.3	35.0
cis-1,2-Dichloroethene	Ave	1.026	1.085		10.6	10.0	5.7	35.0
2-Butanone (MEK)	Ave	0.1191	0.1178		19.8	20.0	-1.1	50.0
Propionitrile	Ave	0.0335	0.0366		21.8	20.0	9.0	35.0
Bromochloromethane	Ave	0.3570	0.3691		10.3	10.0	3.4	35.0
Methacrylonitrile	Ave	0.0456	0.0481		21.1	20.0	5.3	35.0
Chloroform	Ave	2.502	2.568		10.3	10.0	2.6	20.0
1,1,1-Trichloroethane	Ave	1.387	1.580		11.4	10.0	13.9	35.0
Carbon tetrachloride	Ave	1.186	1.365		11.5	10.0	15.1	35.0
1,1-Dichloropropene	Ave	2.078	2.103		10.1	10.0	1.2	35.0
Benzene	Ave	2.665	2.688		10.1	10.0	0.9	35.0
Isobutyl alcohol	Ave	0.0076	0.0080		104	100	4.1	50.0
1,2-Dichloroethane	Ave	0.7465	0.8103		10.9	10.0	8.6	35.0
Trichloroethene	Ave	0.7891	0.8053		10.2	10.0	2.1	35.0
1,2-Dichloropropane	Ave	0.5361	0.5471		10.2	10.0	2.0	20.0
Dibromomethane	Ave	0.2268	0.2483		11.0	10.0	9.5	35.0
Methyl methacrylate	Ave	0.3972	0.4301		21.7	20.0	8.3	50.0
1,4-Dioxane	Ave	0.0012	0.0013		531	500	6.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCV 600-118652/2 Calibration Date: 10/21/2013 09:36

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29401.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.491	1.628		10.9	10.0	9.2	35.0
2-Chloroethyl vinyl ether	Ave	0.2874	0.2901		20.2	20.0	0.9	35.0
cis-1,3-Dichloropropene	Ave	1.526	1.644		10.8	10.0	7.7	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3292	0.3384		20.6	20.0	2.8	50.0
Toluene	Ave	3.454	3.577		10.4	10.0	3.6	20.0
trans-1,3-Dichloropropene	Ave	1.098	1.217		11.1	10.0	10.8	35.0
Ethyl methacrylate	Lin	0.7901	0.7097		19.4	20.0	-2.9	50.0
1,1,2-Trichloroethane	Ave	0.5775	0.6196		10.7	10.0	7.3	35.0
Tetrachloroethene	Ave	1.254	1.310		10.5	10.0	4.5	35.0
1,3-Dichloropropane	Ave	1.084	1.153		10.6	10.0	6.3	35.0
2-Hexanone	Ave	0.2598	0.2665		20.5	20.0	2.6	50.0
Chlorodibromomethane	Ave	0.7684	0.8160		10.6	10.0	6.2	35.0
1,2-Dibromoethane	Ave	0.5504	0.5707		10.4	10.0	3.7	35.0
Chlorobenzene	Ave	3.785	3.889	0.3000	10.3	10.0	2.7	35.0
Ethylbenzene	Ave	2.210	2.314		10.5	10.0	4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	1.204	1.276		10.6	10.0	6.0	35.0
m-Xylene & p-Xylene	Ave	2.767	2.899		21.0	20.0	4.8	35.0
o-Xylene	Ave	2.569	2.749		10.7	10.0	7.0	35.0
Styrene	Ave	3.821	4.034		10.6	10.0	5.6	35.0
Bromoform	Ave	0.3414	0.3939	0.1000	11.5	10.0	15.4	35.0
Isopropylbenzene	Ave	7.877	8.597		10.9	10.0	9.1	35.0
Bromobenzene	Ave	1.367	1.518		11.1	10.0	11.0	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5037	0.5306	0.3000	10.5	10.0	5.3	35.0
N-Propylbenzene	Ave	2.103	2.305		11.0	10.0	9.6	35.0
1,2,3-Trichloropropane	Ave	0.2135	0.2139		10.0	10.0	0.1	35.0
trans-1,4-Dichloro-2-butene	Ave	0.1501	0.1699		22.6	20.0	13.2	50.0
2-Chlorotoluene	Ave	1.760	1.894		10.8	10.0	7.6	35.0
1,3,5-Trimethylbenzene	Ave	6.650	7.361		11.1	10.0	10.7	35.0
4-Chlorotoluene	Ave	6.291	6.848		10.9	10.0	8.9	35.0
tert-Butylbenzene	Ave	6.028	6.501		10.8	10.0	7.8	35.0
1,2,4-Trimethylbenzene	Ave	6.461	7.055		10.9	10.0	9.2	35.0
sec-Butylbenzene	Ave	8.773	9.662		11.0	10.0	10.1	35.0
1,3-Dichlorobenzene	Ave	3.130	3.304		10.6	10.0	5.6	35.0
p-Isopropyltoluene	Ave	6.819	7.640		11.2	10.0	12.0	35.0
1,4-Dichlorobenzene	Ave	2.880	3.016		10.5	10.0	4.7	35.0
n-Butylbenzene	Ave	6.427	7.429		11.6	10.0	15.6	35.0
1,2-Dichlorobenzene	Ave	2.451	2.610		10.7	10.0	6.5	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0932	0.0920		9.88	10.0	-1.2	35.0
1,2,4-Trichlorobenzene	Ave	1.492	1.609		10.8	10.0	7.9	35.0
Hexachlorobutadiene	Ave	0.5736	0.6329		11.0	10.0	10.3	35.0
Naphthalene	Ave	1.573	1.739		11.1	10.0	10.6	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab Sample ID: CCV 600-118652/2 Calibration Date: 10/21/2013 09:36
Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
Lab File ID: C29401.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.094	1.182		10.8	10.0	8.1	35.0
Dibromofluoromethane	Ave	0.8505	0.8740		10.3	10.0	2.8	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8454	0.9191		10.9	10.0	8.7	35.0
Toluene-d8 (Surr)	Ave	4.695	4.797		10.2	10.0	2.2	35.0
4-Bromofluorobenzene	Ave	1.668	1.742		10.5	10.0	4.5	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118680/2 Calibration Date: 10/22/2013 09:12

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29501.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.447	1.416		9.78	10.0	-2.2	35.0
Chloromethane	Ave	1.704	1.743	0.1000	10.2	10.0	2.3	35.0
Vinyl chloride	Ave	1.920	1.707		8.89	10.0	-11.1	20.0
Bromomethane	Ave	1.189	0.7950		6.69	10.0	-33.1	35.0
Chloroethane	Ave	1.039	1.108		10.7	10.0	6.6	35.0
Trichlorofluoromethane	Ave	2.953	3.028		10.3	10.0	2.5	35.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9708	1.108		11.4	10.0	14.1	35.0
Acrolein	Ave	0.0465	0.0510		54.9	50.0	9.7	50.0
1,1-Dichloroethene	Ave	1.184	1.341		11.3	10.0	13.3	20.0
Acetone	Linl	0.1681	0.1172		18.5	20.0	-7.5	50.0
Iodomethane	Ave	2.194	1.827		16.7	20.0	-16.7	35.0
Carbon disulfide	Linl	3.337	4.001		24.3	20.0	21.5	35.0
Isopropyl alcohol	Linl	0.0127	0.0156		147	100	46.8	50.0
3-Chloro-1-propene	Ave	0.5281	0.7723		29.3	20.0	46.2*	35.0
Acetonitrile	Ave	0.1688	0.2519		29.8	20.0	49.2	50.0
Methylene Chloride	Linl	0.9530	1.012		12.4	10.0	24.1	50.0
trans-1,2-Dichloroethene	Ave	0.9869	1.005		10.2	10.0	1.8	35.0
Methyl tert-butyl ether	Ave	1.453	1.534		10.6	10.0	5.6	35.0
Acrylonitrile	Ave	0.0874	0.0930		53.2	50.0	6.3	50.0
1,1-Dichloroethane	Ave	1.198	0.9329	0.1000	7.79	10.0	-22.1	35.0
2-Chloro-1,3-butadiene	Ave	0.9303	0.9756		21.0	20.0	4.9	35.0
Vinyl acetate	Ave	0.7000	0.9382		26.8	20.0	34.0	50.0
2,2-Dichloropropane	Ave	1.199	1.024		8.54	10.0	-14.6	35.0
cis-1,2-Dichloroethene	Ave	1.026	1.052		10.3	10.0	2.5	35.0
2-Butanone (MEK)	Ave	0.1191	0.1233		20.7	20.0	3.6	50.0
Propionitrile	Ave	0.0335	0.0334		19.9	20.0	-0.5	35.0
Bromochloromethane	Ave	0.3570	0.3623		10.2	10.0	1.5	35.0
Methacrylonitrile	Ave	0.0456	0.0508		22.3	20.0	11.3	35.0
Chloroform	Ave	2.502	2.009		8.03	10.0	-19.7	20.0
1,1,1-Trichloroethane	Ave	1.387	1.108		7.99	10.0	-20.1	35.0
Carbon tetrachloride	Ave	1.186	0.9643		8.13	10.0	-18.7	35.0
1,1-Dichloropropene	Ave	2.078	1.577		7.59	10.0	-24.1	35.0
Benzene	Ave	2.665	2.127		7.98	10.0	-20.2	35.0
Isobutyl alcohol	Ave	0.0076	0.0070		91.7	100	-8.3	50.0
1,2-Dichloroethane	Ave	0.7465	0.5882		7.88	10.0	-21.2	35.0
Trichloroethene	Ave	0.7891	0.6254		7.93	10.0	-20.7	35.0
1,2-Dichloropropane	Ave	0.5361	0.4338		8.09	10.0	-19.1	20.0
Dibromomethane	Ave	0.2268	0.1826		8.05	10.0	-19.5	35.0
Methyl methacrylate	Ave	0.3972	0.3407		17.2	20.0	-14.2	50.0
1,4-Dioxane	Ave	0.0012	0.0008		342	500	-31.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
 SDG No.: _____
 Lab Sample ID: CCVIS 600-118680/2 Calibration Date: 10/22/2013 09:12
 Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
 Lab File ID: C29501.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.491	1.304		8.74	10.0	-12.6	35.0
2-Chloroethyl vinyl ether	Ave	0.2874	0.2575		17.9	20.0	-10.4	35.0
cis-1,3-Dichloropropene	Ave	1.526	1.360		8.91	10.0	-10.9	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3292	0.2826		17.2	20.0	-14.2	50.0
Toluene	Ave	3.454	2.865		8.30	10.0	-17.0	20.0
trans-1,3-Dichloropropene	Ave	1.098	0.9665		8.80	10.0	-12.0	35.0
Ethyl methacrylate	Lin	0.7901	0.5926		16.1	20.0	-19.6	50.0
1,1,2-Trichloroethane	Ave	0.5775	0.4979		8.62	10.0	-13.8	35.0
Tetrachloroethene	Ave	1.254	1.011		8.06	10.0	-19.4	35.0
1,3-Dichloropropane	Ave	1.084	0.9078		8.37	10.0	-16.3	35.0
2-Hexanone	Ave	0.2598	0.2000		15.4	20.0	-23.0	50.0
Chlorodibromomethane	Ave	0.7684	0.7420		9.66	10.0	-3.4	35.0
1,2-Dibromoethane	Ave	0.5504	0.4819		8.76	10.0	-12.4	35.0
Chlorobenzene	Ave	3.785	3.168	0.3000	8.37	10.0	-16.3	35.0
Ethylbenzene	Ave	2.210	1.844		8.34	10.0	-16.6	20.0
1,1,1,2-Tetrachloroethane	Ave	1.204	1.017		8.45	10.0	-15.5	35.0
m-Xylene & p-Xylene	Ave	2.767	2.328		16.8	20.0	-15.9	35.0
o-Xylene	Ave	2.569	2.187		8.52	10.0	-14.9	35.0
Styrene	Ave	3.821	3.233		8.46	10.0	-15.4	35.0
Bromoform	Ave	0.3414	0.3029	0.1000	8.87	10.0	-11.3	35.0
Isopropylbenzene	Ave	7.877	6.045		7.67	10.0	-23.3	35.0
Bromobenzene	Ave	1.367	1.100		8.05	10.0	-19.6	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5037	0.4787	0.3000	9.50	10.0	-5.0	35.0
N-Propylbenzene	Ave	2.103	1.579		7.51	10.0	-24.9	35.0
1,2,3-Trichloropropane	Ave	0.2135	0.1477		6.92	10.0	-30.8	35.0
trans-1,4-Dichloro-2-butene	Ave	0.1501	0.0868		11.6	20.0	-42.2	50.0
2-Chlorotoluene	Ave	1.760	1.293		7.35	10.0	-26.5	35.0
1,3,5-Trimethylbenzene	Ave	6.650	4.903		7.37	10.0	-26.3	35.0
4-Chlorotoluene	Ave	6.291	4.587		7.29	10.0	-27.1	35.0
tert-Butylbenzene	Ave	6.028	4.294		7.12	10.0	-28.8	35.0
1,2,4-Trimethylbenzene	Ave	6.461	4.717		7.30	10.0	-27.0	35.0
sec-Butylbenzene	Ave	8.773	7.192		8.20	10.0	-18.0	35.0
1,3-Dichlorobenzene	Ave	3.130	2.607		8.33	10.0	-16.7	35.0
p-Isopropyltoluene	Ave	6.819	5.694		8.35	10.0	-16.5	35.0
1,4-Dichlorobenzene	Ave	2.880	2.373		8.24	10.0	-17.6	35.0
n-Butylbenzene	Ave	6.427	5.289		8.23	10.0	-17.7	35.0
1,2-Dichlorobenzene	Ave	2.451	1.780		7.26	10.0	-27.4	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0932	0.0627		6.73	10.0	-32.8	35.0
1,2,4-Trichlorobenzene	Ave	1.492	1.089		7.30	10.0	-27.0	35.0
Hexachlorobutadiene	Ave	0.5736	0.4375		7.63	10.0	-23.7	35.0
Naphthalene	Ave	1.573	0.9157		5.82	10.0	-41.8*	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab Sample ID: CCVIS 600-118680/2 Calibration Date: 10/22/2013 09:12
Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
Lab File ID: C29501.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.094	0.7348		6.72	10.0	-32.8	35.0
Dibromofluoromethane	Ave	0.8505	1.147		13.5	10.0	34.8	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8454	1.075		12.7	10.0	27.2	35.0
Toluene-d8 (Surr)	Ave	4.695	5.121		10.9	10.0	9.1	35.0
4-Bromofluorobenzene	Ave	1.668	1.613		9.67	10.0	-3.3	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118798/2 Calibration Date: 10/23/2013 13:50

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29601.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.447	1.753		12.1	10.0	21.1	35.0
Chloromethane	Ave	1.704	1.703	0.1000	9.99	10.0	-0.0	35.0
Vinyl chloride	Ave	1.920	1.737		9.05	10.0	-9.5	20.0
Bromomethane	Ave	1.189	0.8927		7.51	10.0	-24.9	35.0
Chloroethane	Ave	1.039	0.9083		8.74	10.0	-12.6	35.0
Trichlorofluoromethane	Ave	2.953	3.829		13.0	10.0	29.7	35.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9708	0.7545		7.77	10.0	-22.3	35.0
Acrolein	Ave	0.0465	0.0224		24.1	50.0	-51.8*	50.0
1,1-Dichloroethene	Ave	1.184	1.335		11.3	10.0	12.8	20.0
Acetone	Linl	0.1681	0.0775		10.9	20.0	-45.4	50.0
Iodomethane	Ave	2.194	1.478		13.5	20.0	-32.6	35.0
Carbon disulfide	Linl	3.337	2.351		14.2	20.0	-28.8	35.0
Isopropyl alcohol	Linl	0.0127	0.0090		81.7	100	-18.3	50.0
3-Chloro-1-propene	Ave	0.5281	0.5034		19.1	20.0	-4.7	35.0
Acetonitrile	Ave	0.1688	0.1921		22.8	20.0	13.8	50.0
Methylene Chloride	Linl	0.9530	0.7633		9.16	10.0	-8.4	50.0
trans-1,2-Dichloroethene	Ave	0.9869	0.9670		9.80	10.0	-2.0	35.0
Methyl tert-butyl ether	Ave	1.453	1.376		9.47	10.0	-5.3	35.0
Acrylonitrile	Ave	0.0874	0.0788		45.0	50.0	-9.9	50.0
1,1-Dichloroethane	Ave	1.198	1.145	0.1000	9.55	10.0	-4.5	35.0
2-Chloro-1,3-butadiene	Ave	0.9303	0.9321		20.0	20.0	0.2	35.0
Vinyl acetate	Ave	0.7000	0.8762		25.0	20.0	25.2	50.0
2,2-Dichloropropane	Ave	1.199	1.429		11.9	10.0	19.2	35.0
cis-1,2-Dichloroethene	Ave	1.026	1.017		9.91	10.0	-0.9	35.0
2-Butanone (MEK)	Ave	0.1191	0.1104		18.6	20.0	-7.3	50.0
Propionitrile	Ave	0.0335	0.0276		16.5	20.0	-17.7	35.0
Bromochloromethane	Ave	0.3570	0.3239		9.07	10.0	-9.3	35.0
Methacrylonitrile	Ave	0.0456	0.0451		19.8	20.0	-1.1	35.0
Chloroform	Ave	2.502	2.383		9.53	10.0	-4.7	20.0
1,1,1-Trichloroethane	Ave	1.387	1.619		11.7	10.0	16.7	35.0
Carbon tetrachloride	Ave	1.186	1.408		11.9	10.0	18.7	35.0
1,1-Dichloropropene	Ave	2.078	1.842		8.86	10.0	-11.4	35.0
Benzene	Ave	2.665	2.454		9.21	10.0	-7.9	35.0
Isobutyl alcohol	Ave	0.0076	0.0070		91.0	100	-9.0	50.0
1,2-Dichloroethane	Ave	0.7465	0.8222		11.0	10.0	10.1	35.0
Trichloroethene	Ave	0.7891	0.7714		9.78	10.0	-2.2	35.0
1,2-Dichloropropane	Ave	0.5361	0.5027		9.38	10.0	-6.2	20.0
Dibromomethane	Ave	0.2268	0.2250		9.92	10.0	-0.8	35.0
Methyl methacrylate	Ave	0.3972	0.3634		18.3	20.0	-8.5	50.0
1,4-Dioxane	Ave	0.0012	0.0010		420	500	-16.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118798/2 Calibration Date: 10/23/2013 13:50

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29601.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.491	1.505		10.1	10.0	0.9	35.0
2-Chloroethyl vinyl ether	Ave	0.2874	0.2622		18.3	20.0	-8.8	35.0
cis-1,3-Dichloropropene	Ave	1.526	1.460		9.57	10.0	-4.3	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3292	0.2784		16.9	20.0	-15.4	50.0
Toluene	Ave	3.454	3.248		9.41	10.0	-6.0	20.0
trans-1,3-Dichloropropene	Ave	1.098	1.070		9.74	10.0	-2.6	35.0
Ethyl methacrylate	Lin	0.7901	0.6101		16.6	20.0	-17.1	50.0
1,1,2-Trichloroethane	Ave	0.5775	0.5380		9.32	10.0	-6.8	35.0
Tetrachloroethene	Ave	1.254	1.345		10.7	10.0	7.2	35.0
1,3-Dichloropropane	Ave	1.084	0.9583		8.84	10.0	-11.6	35.0
2-Hexanone	Ave	0.2598	0.1787		13.8	20.0	-31.2	50.0
Chlorodibromomethane	Ave	0.7684	0.7341		9.55	10.0	-4.5	35.0
1,2-Dibromoethane	Ave	0.5504	0.4846		8.80	10.0	-12.0	35.0
Chlorobenzene	Ave	3.785	3.603	0.3000	9.52	10.0	-4.8	35.0
Ethylbenzene	Ave	2.210	2.176		9.85	10.0	-1.5	20.0
1,1,1,2-Tetrachloroethane	Ave	1.204	1.212		10.1	10.0	0.7	35.0
m-Xylene & p-Xylene	Ave	2.767	2.823		20.4	20.0	2.0	35.0
o-Xylene	Ave	2.569	2.553		9.94	10.0	-0.6	35.0
Styrene	Ave	3.821	3.746		9.80	10.0	-2.0	35.0
Bromoform	Ave	0.3414	0.3610	0.1000	10.6	10.0	5.7	35.0
Isopropylbenzene	Ave	7.877	7.903		10.0	10.0	0.3	35.0
Bromobenzene	Ave	1.367	1.355		9.91	10.0	-0.9	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5037	0.4664	0.3000	9.26	10.0	-7.4	35.0
N-Propylbenzene	Ave	2.103	2.118		10.1	10.0	0.7	35.0
1,2,3-Trichloropropane	Ave	0.2135	0.1845		8.64	10.0	-13.6	35.0
trans-1,4-Dichloro-2-butene	Ave	0.1501	0.1432		19.1	20.0	-4.6	50.0
2-Chlorotoluene	Ave	1.760	1.734		9.85	10.0	-1.5	35.0
1,3,5-Trimethylbenzene	Ave	6.650	6.765		10.2	10.0	1.7	35.0
4-Chlorotoluene	Ave	6.291	6.304		10.0	10.0	0.2	35.0
tert-Butylbenzene	Ave	6.028	6.048		10.0	10.0	0.3	35.0
1,2,4-Trimethylbenzene	Ave	6.461	6.388		9.89	10.0	-1.1	35.0
sec-Butylbenzene	Ave	8.773	8.772		10.00	10.0	-0.0	35.0
1,3-Dichlorobenzene	Ave	3.130	3.025		9.67	10.0	-3.3	35.0
p-Isopropyltoluene	Ave	6.819	6.948		10.2	10.0	1.9	35.0
1,4-Dichlorobenzene	Ave	2.880	2.768		9.61	10.0	-3.9	35.0
n-Butylbenzene	Ave	6.427	6.613		10.3	10.0	2.9	35.0
1,2-Dichlorobenzene	Ave	2.451	2.389		9.75	10.0	-2.5	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0932	0.0852		9.14	10.0	-8.6	35.0
1,2,4-Trichlorobenzene	Ave	1.492	1.451		9.73	10.0	-2.7	35.0
Hexachlorobutadiene	Ave	0.5736	0.6140		10.7	10.0	7.0	35.0
Naphthalene	Ave	1.573	1.117		7.10	10.0	-29.0	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab Sample ID: CCVIS 600-118798/2 Calibration Date: 10/23/2013 13:50
Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
Lab File ID: C29601.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.094	1.006		9.20	10.0	-8.0	35.0
Dibromofluoromethane	Ave	0.8505	0.9581		11.3	10.0	12.7	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8454	1.063		12.6	10.0	25.7	35.0
Toluene-d8 (Surr)	Ave	4.695	4.410		9.39	10.0	-6.1	35.0
4-Bromofluorobenzene	Ave	1.668	1.671		10.0	10.0	0.2	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118869/2 Calibration Date: 10/24/2013 12:08

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.447	1.242		8.58	10.0	-14.2	35.0
Chloromethane	Ave	1.704	1.799	0.1000	10.6	10.0	5.6	35.0
Vinyl chloride	Ave	1.920	1.768		9.21	10.0	-7.9	20.0
Bromomethane	Ave	1.189	0.6296		5.29	10.0	-47.1*	35.0
Chloroethane	Ave	1.039	0.9002		8.66	10.0	-13.4	35.0
Trichlorofluoromethane	Ave	2.953	2.743		9.29	10.0	-7.1	35.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9708	1.008		10.4	10.0	3.9	35.0
Acrolein	Ave	0.0465	0.0397		42.7	50.0	-14.6	50.0
1,1-Dichloroethene	Ave	1.184	1.054		8.91	10.0	-10.9	20.0
Acetone	Lin1	0.1681	0.0894		13.2	20.0	-34.1	50.0
Iodomethane	Ave	2.194	1.731		15.8	20.0	-21.1	35.0
Carbon disulfide	Lin1	3.337	3.191		19.4	20.0	-3.2	35.0
Isopropyl alcohol	Lin1	0.0127	0.0136		128	100	27.6	50.0
3-Chloro-1-propene	Ave	0.5281	0.6618		25.1	20.0	25.3	35.0
Acetonitrile	Ave	0.1688	0.2088		24.7	20.0	23.7	50.0
Methylene Chloride	Lin1	0.9530	1.044		12.8	10.0	28.1	50.0
trans-1,2-Dichloroethene	Ave	0.9869	1.220		12.4	10.0	23.7	35.0
Methyl tert-butyl ether	Ave	1.453	1.454		10.0	10.0	0.0	35.0
Acrylonitrile	Ave	0.0874	0.1286		73.6	50.0	47.1	50.0
1,1-Dichloroethane	Ave	1.198	1.188	0.1000	9.92	10.0	-0.9	35.0
2-Chloro-1,3-butadiene	Ave	0.9303	1.200		25.8	20.0	29.0	35.0
Vinyl acetate	Ave	0.7000	1.191		34.0	20.0	70.1*	50.0
2,2-Dichloropropane	Ave	1.199	1.106		9.23	10.0	-7.7	35.0
cis-1,2-Dichloroethene	Ave	1.026	1.294		12.6	10.0	26.2	35.0
2-Butanone (MEK)	Ave	0.1191	0.1517		25.5	20.0	27.4	50.0
Propionitrile	Ave	0.0335	0.0486		29.0	20.0	45.0*	35.0
Bromochloromethane	Ave	0.3570	0.4499		12.6	10.0	26.0	35.0
Methacrylonitrile	Ave	0.0456	0.0527		23.1	20.0	15.6	35.0
Chloroform	Ave	2.502	2.398		9.58	10.0	-4.2	20.0
1,1,1-Trichloroethane	Ave	1.387	1.258		9.07	10.0	-9.3	35.0
Carbon tetrachloride	Ave	1.186	1.092		9.21	10.0	-7.9	35.0
1,1-Dichloropropene	Ave	2.078	1.943		9.35	10.0	-6.5	35.0
Benzene	Ave	2.665	2.530		9.50	10.0	-5.0	35.0
Isobutyl alcohol	Ave	0.0076	0.0104		136	100	36.0	50.0
1,2-Dichloroethane	Ave	0.7465	0.6204		8.31	10.0	-16.9	35.0
Trichloroethene	Ave	0.7891	0.7975		10.1	10.0	1.1	35.0
1,2-Dichloropropane	Ave	0.5361	0.5703		10.6	10.0	6.4	20.0
Dibromomethane	Ave	0.2268	0.2114		9.32	10.0	-6.8	35.0
Methyl methacrylate	Ave	0.3972	0.4148		20.9	20.0	4.4	50.0
1,4-Dioxane	Ave	0.0012	0.0013		533	500	6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118869/2 Calibration Date: 10/24/2013 12:08

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.491	1.463		9.81	10.0	-1.9	35.0
2-Chloroethyl vinyl ether	Ave	0.2874	0.3139		21.8	20.0	9.2	35.0
cis-1,3-Dichloropropene	Ave	1.526	1.548		10.2	10.0	1.5	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3292	0.3688		22.4	20.0	12.0	50.0
Toluene	Ave	3.454	3.742		10.8	10.0	8.4	20.0
trans-1,3-Dichloropropene	Ave	1.098	1.066		9.71	10.0	-2.9	35.0
Ethyl methacrylate	Lin	0.7901	0.6672		18.2	20.0	-8.9	50.0
1,1,2-Trichloroethane	Ave	0.5775	0.6112		10.6	10.0	5.8	35.0
Tetrachloroethene	Ave	1.254	1.521		12.1	10.0	21.3	35.0
1,3-Dichloropropane	Ave	1.084	1.099		10.1	10.0	1.3	35.0
2-Hexanone	Ave	0.2598	0.2312		17.8	20.0	-11.0	50.0
Chlorodibromomethane	Ave	0.7684	0.8054		10.5	10.0	4.8	35.0
1,2-Dibromoethane	Ave	0.5504	0.5724		10.4	10.0	4.0	35.0
Chlorobenzene	Ave	3.785	4.245	0.3000	11.2	10.0	12.1	35.0
Ethylbenzene	Ave	2.210	2.511		11.4	10.0	13.6	20.0
1,1,1,2-Tetrachloroethane	Ave	1.204	1.324		11.0	10.0	10.0	35.0
m-Xylene & p-Xylene	Ave	2.767	3.220		23.3	20.0	16.4	35.0
o-Xylene	Ave	2.569	2.942		11.5	10.0	14.5	35.0
Styrene	Ave	3.821	4.349		11.4	10.0	13.8	35.0
Bromoform	Ave	0.3414	0.3839	0.1000	11.2	10.0	12.4	35.0
Isopropylbenzene	Ave	7.877	7.690		9.76	10.0	-2.4	35.0
Bromobenzene	Ave	1.367	1.345		9.84	10.0	-1.6	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5037	0.5537	0.3000	11.0	10.0	9.9	35.0
N-Propylbenzene	Ave	2.103	2.124		10.1	10.0	1.0	35.0
1,2,3-Trichloropropane	Ave	0.2135	0.1703		7.97	10.0	-20.3	35.0
trans-1,4-Dichloro-2-butene	Ave	0.1501	0.1294		17.3	20.0	-13.8	50.0
2-Chlorotoluene	Ave	1.760	1.723		9.79	10.0	-2.1	35.0
1,3,5-Trimethylbenzene	Ave	6.650	6.381		9.60	10.0	-4.0	35.0
4-Chlorotoluene	Ave	6.291	5.779		9.19	10.0	-8.1	35.0
tert-Butylbenzene	Ave	6.028	5.762		9.56	10.0	-4.4	35.0
1,2,4-Trimethylbenzene	Ave	6.461	6.006		9.30	10.0	-7.0	35.0
sec-Butylbenzene	Ave	8.773	8.549		9.75	10.0	-2.6	35.0
1,3-Dichlorobenzene	Ave	3.130	3.101		9.91	10.0	-0.9	35.0
p-Isopropyltoluene	Ave	6.819	6.699		9.83	10.0	-1.7	35.0
1,4-Dichlorobenzene	Ave	2.880	2.839		9.86	10.0	-1.4	35.0
n-Butylbenzene	Ave	6.427	6.162		9.59	10.0	-4.1	35.0
1,2-Dichlorobenzene	Ave	2.451	2.376		9.70	10.0	-3.0	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0932	0.0715		7.67	10.0	-23.3	35.0
1,2,4-Trichlorobenzene	Ave	1.492	1.237		8.29	10.0	-17.1	35.0
Hexachlorobutadiene	Ave	0.5736	0.5125		8.94	10.0	-10.6	35.0
Naphthalene	Ave	1.573	0.8760		5.57	10.0	-44.3*	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab Sample ID: CCVIS 600-118869/2 Calibration Date: 10/24/2013 12:08
Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
Lab File ID: C29701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.094	0.8566		7.83	10.0	-21.7	35.0
Dibromofluoromethane	Ave	0.8505	1.107		13.0	10.0	30.1	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8454	0.9534		11.3	10.0	12.8	35.0
Toluene-d8 (Surr)	Ave	4.695	5.006		10.7	10.0	6.6	35.0
4-Bromofluorobenzene	Ave	1.668	1.500		8.99	10.0	-10.1	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118922/2 Calibration Date: 10/25/2013 09:15

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29801.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.447	1.437		9.93	10.0	-0.8	35.0
Chloromethane	Ave	1.704	1.898	0.1000	11.1	10.0	11.4	35.0
Vinyl chloride	Ave	1.920	1.754		9.14	10.0	-8.6	20.0
Bromomethane	Ave	1.189	0.7968		6.70	10.0	-33.0	35.0
Chloroethane	Ave	1.039	0.9624		9.26	10.0	-7.4	35.0
Trichlorofluoromethane	Ave	2.953	2.920		9.89	10.0	-1.1	35.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9708	0.6964		7.17	10.0	-28.3	35.0
Acrolein	Ave	0.0465	0.0275		29.6	50.0	-40.9	50.0
1,1-Dichloroethene	Ave	1.184	1.107		9.35	10.0	-6.5	20.0
Acetone	Lin1	0.1681	0.0728		10.0	20.0	-49.9	50.0
Iodomethane	Ave	2.194	1.276		11.6	20.0	-41.9*	35.0
Carbon disulfide	Lin1	3.337	2.176		13.2	20.0	-34.2	35.0
Isopropyl alcohol	Lin1	0.0127	0.0109		100	100	0.2	50.0
3-Chloro-1-propene	Ave	0.5281	0.4479		17.0	20.0	-15.2	35.0
Acetonitrile	Ave	0.1688	0.1435		17.0	20.0	-15.0	50.0
Methylene Chloride	Lin1	0.9530	0.7125		8.50	10.0	-15.0	50.0
trans-1,2-Dichloroethene	Ave	0.9869	0.8309		8.42	10.0	-15.8	35.0
Methyl tert-butyl ether	Ave	1.453	1.010		6.95	10.0	-30.5	35.0
Acrylonitrile	Ave	0.0874	0.0945		54.0	50.0	8.1	50.0
1,1-Dichloroethane	Ave	1.198	1.133	0.1000	9.46	10.0	-5.4	35.0
2-Chloro-1,3-butadiene	Ave	0.9303	0.7955		17.1	20.0	-14.5	35.0
Vinyl acetate	Ave	0.7000	0.8606		24.6	20.0	22.9	50.0
2,2-Dichloropropane	Ave	1.199	1.030		8.59	10.0	-14.1	35.0
cis-1,2-Dichloroethene	Ave	1.026	0.8375		8.16	10.0	-18.4	35.0
2-Butanone (MEK)	Ave	0.1191	0.1160		19.5	20.0	-2.6	50.0
Propionitrile	Ave	0.0335	0.0388		23.1	20.0	15.6	35.0
Bromochloromethane	Ave	0.3570	0.3107		8.70	10.0	-13.0	35.0
Methacrylonitrile	Ave	0.0456	0.0405		17.7	20.0	-11.3	35.0
Chloroform	Ave	2.502	2.326		9.30	10.0	-7.0	20.0
1,1,1-Trichloroethane	Ave	1.387	1.194		8.61	10.0	-13.9	35.0
Carbon tetrachloride	Ave	1.186	1.046		8.82	10.0	-11.8	35.0
1,1-Dichloropropene	Ave	2.078	1.842		8.86	10.0	-11.4	35.0
Benzene	Ave	2.665	2.441		9.16	10.0	-8.4	35.0
Isobutyl alcohol	Ave	0.0076	0.0077		101	100	1.1	50.0
1,2-Dichloroethane	Ave	0.7465	0.6122		8.20	10.0	-18.0	35.0
Trichloroethene	Ave	0.7891	0.7716		9.78	10.0	-2.2	35.0
1,2-Dichloropropane	Ave	0.5361	0.5715		10.7	10.0	6.6	20.0
Dibromomethane	Ave	0.2268	0.2170		9.57	10.0	-4.3	35.0
Methyl methacrylate	Ave	0.3972	0.4178		21.0	20.0	5.2	50.0
1,4-Dioxane	Ave	0.0012	0.0013		541	500	8.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Lab Sample ID: CCVIS 600-118922/2 Calibration Date: 10/25/2013 09:15

Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13

Lab File ID: C29801.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromodichloromethane	Ave	1.491	1.474		9.88	10.0	-1.2	35.0
2-Chloroethyl vinyl ether	Ave	0.2874	0.3141		21.9	20.0	9.3	35.0
cis-1,3-Dichloropropene	Ave	1.526	1.550		10.2	10.0	1.6	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3292	0.3863		23.5	20.0	17.3	50.0
Toluene	Ave	3.454	3.604		10.4	10.0	4.4	20.0
trans-1,3-Dichloropropene	Ave	1.098	1.074		9.78	10.0	-2.2	35.0
Ethyl methacrylate	Lin	0.7901	0.6772		18.5	20.0	-7.5	50.0
1,1,2-Trichloroethane	Ave	0.5775	0.6215		10.8	10.0	7.6	35.0
Tetrachloroethene	Ave	1.254	1.441		11.5	10.0	14.9	35.0
1,3-Dichloropropane	Ave	1.084	1.125		10.4	10.0	3.7	35.0
2-Hexanone	Ave	0.2598	0.2379		18.3	20.0	-8.4	50.0
Chlorodibromomethane	Ave	0.7684	0.8208		10.7	10.0	6.8	35.0
1,2-Dibromoethane	Ave	0.5504	0.5824		10.6	10.0	5.8	35.0
Chlorobenzene	Ave	3.785	4.109	0.3000	10.9	10.0	8.6	35.0
Ethylbenzene	Ave	2.210	2.400		10.9	10.0	8.6	20.0
1,1,1,2-Tetrachloroethane	Ave	1.204	1.312		10.9	10.0	9.0	35.0
m-Xylene & p-Xylene	Ave	2.767	3.110		22.5	20.0	12.4	35.0
o-Xylene	Ave	2.569	2.840		11.1	10.0	10.6	35.0
Styrene	Ave	3.821	4.320		11.3	10.0	13.1	35.0
Bromoform	Ave	0.3414	0.3865	0.1000	11.3	10.0	13.2	35.0
Isopropylbenzene	Ave	7.877	7.198		9.14	10.0	-8.6	35.0
Bromobenzene	Ave	1.367	1.321		9.66	10.0	-3.4	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5037	0.5910	0.3000	11.7	10.0	17.3	35.0
N-Propylbenzene	Ave	2.103	2.008		9.55	10.0	-4.5	35.0
1,2,3-Trichloropropane	Ave	0.2135	0.1747		8.18	10.0	-18.2	35.0
trans-1,4-Dichloro-2-butene	Ave	0.1501	0.1377		18.4	20.0	-8.2	50.0
2-Chlorotoluene	Ave	1.760	1.675		9.52	10.0	-4.8	35.0
1,3,5-Trimethylbenzene	Ave	6.650	6.104		9.18	10.0	-8.2	35.0
4-Chlorotoluene	Ave	6.291	5.600		8.90	10.0	-11.0	35.0
tert-Butylbenzene	Ave	6.028	5.523		9.16	10.0	-8.4	35.0
1,2,4-Trimethylbenzene	Ave	6.461	5.896		9.13	10.0	-8.7	35.0
sec-Butylbenzene	Ave	8.773	8.215		9.36	10.0	-6.4	35.0
1,3-Dichlorobenzene	Ave	3.130	3.056		9.77	10.0	-2.3	35.0
p-Isopropyltoluene	Ave	6.819	6.443		9.45	10.0	-5.5	35.0
1,4-Dichlorobenzene	Ave	2.880	2.822		9.80	10.0	-2.0	35.0
n-Butylbenzene	Ave	6.427	6.048		9.41	10.0	-5.9	35.0
1,2-Dichlorobenzene	Ave	2.451	2.425		9.89	10.0	-1.1	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0932	0.0736		7.90	10.0	-21.0	35.0
1,2,4-Trichlorobenzene	Ave	1.492	1.269		8.51	10.0	-14.9	35.0
Hexachlorobutadiene	Ave	0.5736	0.5021		8.75	10.0	-12.5	35.0
Naphthalene	Ave	1.573	1.402		8.91	10.0	-10.9	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Houston Job No.: 600-81250-1
SDG No.: _____
Lab Sample ID: CCVIS 600-118922/2 Calibration Date: 10/25/2013 09:15
Instrument ID: VOAMS01 Calib Start Date: 10/20/2013 13:50
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/20/2013 16:13
Lab File ID: C29801.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.094	0.997		9.12	10.0	-8.8	35.0
Dibromofluoromethane	Ave	0.8505	0.7681		9.03	10.0	-9.7	35.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8454	0.6373		7.54	10.0	-24.6	35.0
Toluene-d8 (Surr)	Ave	4.695	4.745		10.1	10.0	1.1	35.0
4-Bromofluorobenzene	Ave	1.668	1.422		8.53	10.0	-14.7	35.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118652/5

Matrix: Water Lab File ID: C29405.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 11:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118652/5

Matrix: Water Lab File ID: C29405.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 11:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.4035	J	1.00	0.310
87-68-3	Hexachlorobutadiene	0.3383	J	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.7701	J	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	116		67-139
1868-53-7	Dibromofluoromethane	101		62-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118680/6

Matrix: Water Lab File ID: C29505.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 11:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.8121	J	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118680/6

Matrix: Water Lab File ID: C29505.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 11:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	120		67-139
1868-53-7	Dibromofluoromethane	102		62-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118798/6

Matrix: Water Lab File ID: C29606.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 15:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.150	U	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118798/6

Matrix: Water Lab File ID: C29606.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 15:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.4205	J	1.00	0.310
87-68-3	Hexachlorobutadiene	0.2867	J	1.00	0.170
91-20-3	Naphthalene	0.3309	J	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.6245	J	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	118		67-139
1868-53-7	Dibromofluoromethane	99		62-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118869/6

Matrix: Water Lab File ID: C29706.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 14:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	1.204	J	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118869/6

Matrix: Water Lab File ID: C29706.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 14:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.170	U	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	110		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118922/6

Matrix: Water Lab File ID: C29806.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 10:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.120	U	1.00	0.120
74-87-3	Chloromethane	0.180	U	2.00	0.180
75-01-4	Vinyl chloride	0.110	U	2.00	0.110
74-83-9	Bromomethane	0.250	U	2.00	0.250
75-00-3	Chloroethane	0.0800	U	2.00	0.0800
75-69-4	Trichlorofluoromethane	0.0800	U	1.00	0.0800
75-35-4	1,1-Dichloroethene	0.190	U	1.00	0.190
156-60-5	trans-1,2-Dichloroethene	0.0900	U	1.00	0.0900
1634-04-4	Methyl tert-butyl ether	0.120	U	1.00	0.120
75-09-2	Methylene Chloride	0.3096	J	5.00	0.150
156-59-2	cis-1,2-Dichloroethene	0.0600	U	1.00	0.0600
78-93-3	2-Butanone (MEK)	0.760	U	2.00	0.760
74-97-5	Bromochloromethane	0.180	U	1.00	0.180
56-23-5	Carbon tetrachloride	0.150	U	1.00	0.150
71-43-2	Benzene	0.0800	U	1.00	0.0800
107-06-2	1,2-Dichloroethane	0.140	U	1.00	0.140
79-01-6	Trichloroethene	0.180	U	1.00	0.180
71-55-6	1,1,1-Trichloroethane	0.150	U	1.00	0.150
75-34-3	1,1-Dichloroethane	0.110	U	1.00	0.110
78-87-5	1,2-Dichloropropane	0.160	U	1.00	0.160
594-20-7	2,2-Dichloropropane	0.130	U	1.00	0.130
74-95-3	Dibromomethane	0.520	U	1.00	0.520
67-66-3	Chloroform	0.130	U	1.00	0.130
75-27-4	Bromodichloromethane	0.160	U	1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	0.210	U	1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	0.180	U	1.00	0.180
108-88-3	Toluene	0.150	U	1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	0.210	U	1.00	0.210
79-00-5	1,1,2-Trichloroethane	0.280	U	1.00	0.280
127-18-4	Tetrachloroethene	0.130	U	1.00	0.130
142-28-9	1,3-Dichloropropane	0.220	U	1.00	0.220
124-48-1	Chlorodibromomethane	0.150	U	1.00	0.150
106-93-4	1,2-Dibromoethane	0.180	U	1.00	0.180
108-90-7	Chlorobenzene	0.120	U	1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	0.180	U	1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 600-118922/6

Matrix: Water Lab File ID: C29806.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 10:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.110	U	1.00	0.110
179601-23-1	m-Xylene & p-Xylene	0.170	U	1.00	0.170
1330-20-7	Xylenes, Total	0.260	U	1.00	0.260
95-47-6	o-Xylene	0.120	U	1.00	0.120
100-42-5	Styrene	0.0700	U	1.00	0.0700
75-25-2	Bromoform	0.190	U	1.00	0.190
98-82-8	Isopropylbenzene	0.180	U	1.00	0.180
108-86-1	Bromobenzene	0.190	U	1.00	0.190
96-18-4	1,2,3-Trichloropropane	0.290	U	1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	0.220	U	1.00	0.220
103-65-1	N-Propylbenzene	0.150	U	1.00	0.150
95-49-8	2-Chlorotoluene	0.130	U	1.00	0.130
106-43-4	4-Chlorotoluene	0.140	U	1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	0.100	U	1.00	0.100
98-06-6	tert-Butylbenzene	0.0800	U	1.00	0.0800
99-87-6	p-Isopropyltoluene	0.100	U	1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	0.140	U	1.00	0.140
135-98-8	sec-Butylbenzene	0.120	U	1.00	0.120
541-73-1	1,3-Dichlorobenzene	0.130	U	1.00	0.130
106-46-7	1,4-Dichlorobenzene	0.110	U	1.00	0.110
95-50-1	1,2-Dichlorobenzene	0.100	U	1.00	0.100
104-51-8	n-Butylbenzene	0.160	U	1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	0.810	U	1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	0.310	U	1.00	0.310
87-68-3	Hexachlorobutadiene	0.2391	J	1.00	0.170
91-20-3	Naphthalene	0.320	U	2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	0.570	U	1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		67-139
1868-53-7	Dibromofluoromethane	96		62-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118652/4

Matrix: Water Lab File ID: C29403.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 10:27

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.673		1.00	0.120
74-87-3	Chloromethane	9.209		2.00	0.180
75-01-4	Vinyl chloride	9.178		2.00	0.110
74-83-9	Bromomethane	8.393		2.00	0.250
75-00-3	Chloroethane	8.651		2.00	0.0800
75-69-4	Trichlorofluoromethane	10.55		1.00	0.0800
75-35-4	1,1-Dichloroethene	11.95		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.589		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.355		1.00	0.120
75-09-2	Methylene Chloride	9.235		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.586		1.00	0.0600
78-93-3	2-Butanone (MEK)	18.07		2.00	0.760
74-97-5	Bromochloromethane	9.136		1.00	0.180
56-23-5	Carbon tetrachloride	10.95		1.00	0.150
71-43-2	Benzene	9.718		1.00	0.0800
107-06-2	1,2-Dichloroethane	9.975		1.00	0.140
79-01-6	Trichloroethene	9.772		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.02		1.00	0.150
75-34-3	1,1-Dichloroethane	10.40		1.00	0.110
78-87-5	1,2-Dichloropropane	9.896		1.00	0.160
594-20-7	2,2-Dichloropropane	11.05		1.00	0.130
74-95-3	Dibromomethane	9.697		1.00	0.520
67-66-3	Chloroform	9.774		1.00	0.130
75-27-4	Bromodichloromethane	9.883		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	9.421		2.00	0.500
563-58-6	1,1-Dichloropropene	9.273		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.695		1.00	0.180
108-88-3	Toluene	9.622		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	10.05		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.394		1.00	0.280
127-18-4	Tetrachloroethene	9.931		1.00	0.130
142-28-9	1,3-Dichloropropane	9.171		1.00	0.220
124-48-1	Chlorodibromomethane	9.804		1.00	0.150
106-93-4	1,2-Dibromoethane	9.166		1.00	0.180
108-90-7	Chlorobenzene	9.070		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.539		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118652/4

Matrix: Water Lab File ID: C29403.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 10:27

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.393		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.92		1.00	0.170
1330-20-7	Xylenes, Total	28.01		1.00	0.260
95-47-6	o-Xylene	9.093		1.00	0.120
100-42-5	Styrene	9.549		1.00	0.0700
75-25-2	Bromoform	8.812		1.00	0.190
98-82-8	Isopropylbenzene	9.468		1.00	0.180
108-86-1	Bromobenzene	9.545		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.067		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.484		1.00	0.220
103-65-1	N-Propylbenzene	9.612		1.00	0.150
95-49-8	2-Chlorotoluene	8.986		1.00	0.130
106-43-4	4-Chlorotoluene	9.463		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.698		1.00	0.100
98-06-6	tert-Butylbenzene	9.497		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.69		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.557		1.00	0.140
135-98-8	sec-Butylbenzene	9.489		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.229		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.518		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.084		1.00	0.100
104-51-8	n-Butylbenzene	10.15		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	8.192		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.238		1.00	0.310
87-68-3	Hexachlorobutadiene	9.737		1.00	0.170
91-20-3	Naphthalene	8.837		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	9.278		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	122		67-139
1868-53-7	Dibromofluoromethane	108		62-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118680/4

Matrix: Water Lab File ID: C29503.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 10:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.041		1.00	0.120
74-87-3	Chloromethane	8.513		2.00	0.180
75-01-4	Vinyl chloride	7.805		2.00	0.110
74-83-9	Bromomethane	5.260		2.00	0.250
75-00-3	Chloroethane	7.717		2.00	0.0800
75-69-4	Trichlorofluoromethane	7.795		1.00	0.0800
75-35-4	1,1-Dichloroethene	9.427		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.036		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	8.912		1.00	0.120
75-09-2	Methylene Chloride	10.18		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.077		1.00	0.0600
78-93-3	2-Butanone (MEK)	15.59		2.00	0.760
74-97-5	Bromochloromethane	8.831		1.00	0.180
56-23-5	Carbon tetrachloride	9.661		1.00	0.150
71-43-2	Benzene	9.131		1.00	0.0800
107-06-2	1,2-Dichloroethane	8.955		1.00	0.140
79-01-6	Trichloroethene	9.320		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.17		1.00	0.150
75-34-3	1,1-Dichloroethane	9.704		1.00	0.110
78-87-5	1,2-Dichloropropane	9.389		1.00	0.160
594-20-7	2,2-Dichloropropane	10.04		1.00	0.130
74-95-3	Dibromomethane	9.462		1.00	0.520
67-66-3	Chloroform	9.101		1.00	0.130
75-27-4	Bromodichloromethane	9.314		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	9.536		2.00	0.500
563-58-6	1,1-Dichloropropene	8.710		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.622		1.00	0.180
108-88-3	Toluene	9.207		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.549		1.00	0.210
79-00-5	1,1,2-Trichloroethane	8.795		1.00	0.280
127-18-4	Tetrachloroethene	9.317		1.00	0.130
142-28-9	1,3-Dichloropropane	8.833		1.00	0.220
124-48-1	Chlorodibromomethane	9.494		1.00	0.150
106-93-4	1,2-Dibromoethane	9.318		1.00	0.180
108-90-7	Chlorobenzene	8.658		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.427		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118680/4

Matrix: Water Lab File ID: C29503.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 10:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.410		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.26		1.00	0.170
1330-20-7	Xylenes, Total	27.15		1.00	0.260
95-47-6	o-Xylene	8.891		1.00	0.120
100-42-5	Styrene	9.048		1.00	0.0700
75-25-2	Bromoform	9.603		1.00	0.190
98-82-8	Isopropylbenzene	9.320		1.00	0.180
108-86-1	Bromobenzene	9.405		1.00	0.190
96-18-4	1,2,3-Trichloropropane	8.479		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.498		1.00	0.220
103-65-1	N-Propylbenzene	9.396		1.00	0.150
95-49-8	2-Chlorotoluene	9.011		1.00	0.130
106-43-4	4-Chlorotoluene	8.960		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.303		1.00	0.100
98-06-6	tert-Butylbenzene	9.110		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.20		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.241		1.00	0.140
135-98-8	sec-Butylbenzene	9.107		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.886		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.132		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.843		1.00	0.100
104-51-8	n-Butylbenzene	11.14		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	10.15		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	8.669		1.00	0.310
87-68-3	Hexachlorobutadiene	8.939		1.00	0.170
91-20-3	Naphthalene	6.976		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	8.437		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	121		67-139
1868-53-7	Dibromofluoromethane	105		62-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118798/5

Matrix: Water Lab File ID: C29604.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 14:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	11.96		1.00	0.120
74-87-3	Chloromethane	8.204		2.00	0.180
75-01-4	Vinyl chloride	6.881		2.00	0.110
74-83-9	Bromomethane	6.425		2.00	0.250
75-00-3	Chloroethane	7.020		2.00	0.0800
75-69-4	Trichlorofluoromethane	10.89		1.00	0.0800
75-35-4	1,1-Dichloroethene	8.458		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.086		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	7.845		1.00	0.120
75-09-2	Methylene Chloride	8.173		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	7.816		1.00	0.0600
78-93-3	2-Butanone (MEK)	14.26		2.00	0.760
74-97-5	Bromochloromethane	7.400		1.00	0.180
56-23-5	Carbon tetrachloride	11.54		1.00	0.150
71-43-2	Benzene	8.751		1.00	0.0800
107-06-2	1,2-Dichloroethane	10.65		1.00	0.140
79-01-6	Trichloroethene	9.338		1.00	0.180
71-55-6	1,1,1-Trichloroethane	11.27		1.00	0.150
75-34-3	1,1-Dichloroethane	9.085		1.00	0.110
78-87-5	1,2-Dichloropropane	9.300		1.00	0.160
594-20-7	2,2-Dichloropropane	11.54		1.00	0.130
74-95-3	Dibromomethane	9.908		1.00	0.520
67-66-3	Chloroform	9.675		1.00	0.130
75-27-4	Bromodichloromethane	10.23		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	18.58		2.00	0.500
563-58-6	1,1-Dichloropropene	8.693		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	10.06		1.00	0.180
108-88-3	Toluene	9.315		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	10.03		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.299		1.00	0.280
127-18-4	Tetrachloroethene	10.50		1.00	0.130
142-28-9	1,3-Dichloropropane	9.145		1.00	0.220
124-48-1	Chlorodibromomethane	10.14		1.00	0.150
106-93-4	1,2-Dibromoethane	9.492		1.00	0.180
108-90-7	Chlorobenzene	9.727		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	10.50		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118798/5

Matrix: Water Lab File ID: C29604.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 14:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.895		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	20.40		1.00	0.170
1330-20-7	Xylenes, Total	30.41		1.00	0.260
95-47-6	o-Xylene	10.01		1.00	0.120
100-42-5	Styrene	9.976		1.00	0.0700
75-25-2	Bromoform	10.95		1.00	0.190
98-82-8	Isopropylbenzene	9.761		1.00	0.180
108-86-1	Bromobenzene	9.889		1.00	0.190
96-18-4	1,2,3-Trichloropropane	8.849		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.698		1.00	0.220
103-65-1	N-Propylbenzene	9.978		1.00	0.150
95-49-8	2-Chlorotoluene	9.649		1.00	0.130
106-43-4	4-Chlorotoluene	9.824		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.986		1.00	0.100
98-06-6	tert-Butylbenzene	9.697		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.00		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.698		1.00	0.140
135-98-8	sec-Butylbenzene	9.720		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.470		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.555		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.364		1.00	0.100
104-51-8	n-Butylbenzene	10.32		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	7.954		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	9.584		1.00	0.310
87-68-3	Hexachlorobutadiene	10.63		1.00	0.170
91-20-3	Naphthalene	7.257		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	9.434		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	79		67-139
1868-53-7	Dibromofluoromethane	71		62-130
2037-26-5	Toluene-d8 (Surr)	76		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118869/4

Matrix: Water Lab File ID: C29703.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 12:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.298		1.00	0.120
74-87-3	Chloromethane	10.63		2.00	0.180
75-01-4	Vinyl chloride	8.154		2.00	0.110
74-83-9	Bromomethane	5.877		2.00	0.250
75-00-3	Chloroethane	8.295		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.074		1.00	0.0800
75-35-4	1,1-Dichloroethene	7.250		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.067		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	7.556		1.00	0.120
75-09-2	Methylene Chloride	10.69		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.832		1.00	0.0600
78-93-3	2-Butanone (MEK)	17.79		2.00	0.760
74-97-5	Bromochloromethane	8.900		1.00	0.180
56-23-5	Carbon tetrachloride	9.148		1.00	0.150
71-43-2	Benzene	9.715		1.00	0.0800
107-06-2	1,2-Dichloroethane	8.169		1.00	0.140
79-01-6	Trichloroethene	10.14		1.00	0.180
71-55-6	1,1,1-Trichloroethane	9.167		1.00	0.150
75-34-3	1,1-Dichloroethane	10.34		1.00	0.110
78-87-5	1,2-Dichloropropane	10.70		1.00	0.160
594-20-7	2,2-Dichloropropane	8.562		1.00	0.130
74-95-3	Dibromomethane	9.188		1.00	0.520
67-66-3	Chloroform	9.661		1.00	0.130
75-27-4	Bromodichloromethane	9.423		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	11.13		2.00	0.500
563-58-6	1,1-Dichloropropene	9.312		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.770		1.00	0.180
108-88-3	Toluene	10.41		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.321		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.26		1.00	0.280
127-18-4	Tetrachloroethene	11.87		1.00	0.130
142-28-9	1,3-Dichloropropane	9.689		1.00	0.220
124-48-1	Chlorodibromomethane	10.00		1.00	0.150
106-93-4	1,2-Dibromoethane	10.06		1.00	0.180
108-90-7	Chlorobenzene	10.06		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	10.20		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118869/4

Matrix: Water Lab File ID: C29703.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 12:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10.41		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	20.88		1.00	0.170
1330-20-7	Xylenes, Total	30.84		1.00	0.260
95-47-6	o-Xylene	9.956		1.00	0.120
100-42-5	Styrene	10.44		1.00	0.0700
75-25-2	Bromoform	10.15		1.00	0.190
98-82-8	Isopropylbenzene	8.602		1.00	0.180
108-86-1	Bromobenzene	9.527		1.00	0.190
96-18-4	1,2,3-Trichloropropane	7.853		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	10.90		1.00	0.220
103-65-1	N-Propylbenzene	9.018		1.00	0.150
95-49-8	2-Chlorotoluene	8.702		1.00	0.130
106-43-4	4-Chlorotoluene	8.224		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	8.680		1.00	0.100
98-06-6	tert-Butylbenzene	8.540		1.00	0.0800
99-87-6	p-Isopropyltoluene	9.790		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	8.613		1.00	0.140
135-98-8	sec-Butylbenzene	8.706		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.147		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.408		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.060		1.00	0.100
104-51-8	n-Butylbenzene	8.976		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	7.635		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	8.765		1.00	0.310
87-68-3	Hexachlorobutadiene	8.993		1.00	0.170
91-20-3	Naphthalene	5.936		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	8.883		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	115		67-139
1868-53-7	Dibromofluoromethane	106		62-130
2037-26-5	Toluene-d8 (Surr)	125		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118922/4

Matrix: Water Lab File ID: C29803.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 10:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.849		1.00	0.120
74-87-3	Chloromethane	6.343		2.00	0.180
75-01-4	Vinyl chloride	9.075		2.00	0.110
74-83-9	Bromomethane	5.774		2.00	0.250
75-00-3	Chloroethane	8.711		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.248		1.00	0.0800
75-35-4	1,1-Dichloroethene	7.474		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.122		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	7.695		1.00	0.120
75-09-2	Methylene Chloride	10.23		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.219		1.00	0.0600
78-93-3	2-Butanone (MEK)	18.20		2.00	0.760
74-97-5	Bromochloromethane	9.217		1.00	0.180
56-23-5	Carbon tetrachloride	9.117		1.00	0.150
71-43-2	Benzene	9.684		1.00	0.0800
107-06-2	1,2-Dichloroethane	8.360		1.00	0.140
79-01-6	Trichloroethene	9.969		1.00	0.180
71-55-6	1,1,1-Trichloroethane	8.935		1.00	0.150
75-34-3	1,1-Dichloroethane	10.44		1.00	0.110
78-87-5	1,2-Dichloropropane	10.65		1.00	0.160
594-20-7	2,2-Dichloropropane	8.678		1.00	0.130
74-95-3	Dibromomethane	9.320		1.00	0.520
67-66-3	Chloroform	9.552		1.00	0.130
75-27-4	Bromodichloromethane	9.247		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	9.925		2.00	0.500
563-58-6	1,1-Dichloropropene	9.121		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.487		1.00	0.180
108-88-3	Toluene	10.15		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.148		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.14		1.00	0.280
127-18-4	Tetrachloroethene	11.37		1.00	0.130
142-28-9	1,3-Dichloropropane	9.490		1.00	0.220
124-48-1	Chlorodibromomethane	9.702		1.00	0.150
106-93-4	1,2-Dibromoethane	9.991		1.00	0.180
108-90-7	Chlorobenzene	9.556		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.877		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 600-118922/4

Matrix: Water Lab File ID: C29803.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 10:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.963		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.98		1.00	0.170
1330-20-7	Xylenes, Total	29.56		1.00	0.260
95-47-6	o-Xylene	9.581		1.00	0.120
100-42-5	Styrene	10.09		1.00	0.0700
75-25-2	Bromoform	9.579		1.00	0.190
98-82-8	Isopropylbenzene	7.894		1.00	0.180
108-86-1	Bromobenzene	8.827		1.00	0.190
96-18-4	1,2,3-Trichloropropane	7.504		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	10.49		1.00	0.220
103-65-1	N-Propylbenzene	8.380		1.00	0.150
95-49-8	2-Chlorotoluene	8.152		1.00	0.130
106-43-4	4-Chlorotoluene	7.692		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	7.993		1.00	0.100
98-06-6	tert-Butylbenzene	7.905		1.00	0.0800
99-87-6	p-Isopropyltoluene	9.218		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	8.091		1.00	0.140
135-98-8	sec-Butylbenzene	8.081		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.601		1.00	0.130
106-46-7	1,4-Dichlorobenzene	8.973		1.00	0.110
95-50-1	1,2-Dichlorobenzene	8.656		1.00	0.100
104-51-8	n-Butylbenzene	8.521		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	7.100		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	7.853		1.00	0.310
87-68-3	Hexachlorobutadiene	8.201		1.00	0.170
91-20-3	Naphthalene	5.900		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	8.527		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	108		67-139
1868-53-7	Dibromofluoromethane	102		62-130
2037-26-5	Toluene-d8 (Surr)	115		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 MS Lab Sample ID: 600-81250-4 MS

Matrix: Water Lab File ID: C29509.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 12:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.936		1.00	0.120
74-87-3	Chloromethane	9.240		2.00	0.180
75-01-4	Vinyl chloride	8.731		2.00	0.110
74-83-9	Bromomethane	5.594		2.00	0.250
75-00-3	Chloroethane	8.644		2.00	0.0800
75-69-4	Trichlorofluoromethane	7.503		1.00	0.0800
75-35-4	1,1-Dichloroethene	29.61		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.473		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	9.471		1.00	0.120
75-09-2	Methylene Chloride	9.412		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	9.753		1.00	0.0600
78-93-3	2-Butanone (MEK)	16.64		2.00	0.760
74-97-5	Bromochloromethane	9.046		1.00	0.180
56-23-5	Carbon tetrachloride	10.19		1.00	0.150
71-43-2	Benzene	9.376		1.00	0.0800
107-06-2	1,2-Dichloroethane	9.580		1.00	0.140
79-01-6	Trichloroethene	14.11		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.08		1.00	0.150
75-34-3	1,1-Dichloroethane	15.92		1.00	0.110
78-87-5	1,2-Dichloropropane	9.321		1.00	0.160
594-20-7	2,2-Dichloropropane	10.50		1.00	0.130
74-95-3	Dibromomethane	9.437		1.00	0.520
67-66-3	Chloroform	9.565		1.00	0.130
75-27-4	Bromodichloromethane	9.651		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	16.28		2.00	0.500
563-58-6	1,1-Dichloropropene	9.232		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.908		1.00	0.180
108-88-3	Toluene	9.502		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.899		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.07		1.00	0.280
127-18-4	Tetrachloroethene	28.54		1.00	0.130
142-28-9	1,3-Dichloropropane	9.276		1.00	0.220
124-48-1	Chlorodibromomethane	9.693		1.00	0.150
106-93-4	1,2-Dibromoethane	9.158		1.00	0.180
108-90-7	Chlorobenzene	9.025		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.404		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 MS Lab Sample ID: 600-81250-4 MS

Matrix: Water Lab File ID: C29509.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 12:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.325		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.47		1.00	0.170
1330-20-7	Xylenes, Total	27.44		1.00	0.260
95-47-6	o-Xylene	8.968		1.00	0.120
100-42-5	Styrene	3.577		1.00	0.0700
75-25-2	Bromoform	11.07		1.00	0.190
98-82-8	Isopropylbenzene	9.330		1.00	0.180
108-86-1	Bromobenzene	9.553		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.061		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	9.409		1.00	0.220
103-65-1	N-Propylbenzene	9.463		1.00	0.150
95-49-8	2-Chlorotoluene	8.960		1.00	0.130
106-43-4	4-Chlorotoluene	8.950		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.198		1.00	0.100
98-06-6	tert-Butylbenzene	9.038		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.16		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	9.317		1.00	0.140
135-98-8	sec-Butylbenzene	8.900		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.885		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.139		1.00	0.110
95-50-1	1,2-Dichlorobenzene	8.641		1.00	0.100
104-51-8	n-Butylbenzene	9.292		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	9.272		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	8.182		1.00	0.310
87-68-3	Hexachlorobutadiene	7.949		1.00	0.170
91-20-3	Naphthalene	6.036		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	7.333		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	125		67-139
1868-53-7	Dibromofluoromethane	112		62-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 MS Lab Sample ID: 600-81250-10 MS

Matrix: Water Lab File ID: C29808.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 11:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.735		1.00	0.120
74-87-3	Chloromethane	6.989		2.00	0.180
75-01-4	Vinyl chloride	9.246		2.00	0.110
74-83-9	Bromomethane	5.781		2.00	0.250
75-00-3	Chloroethane	8.529		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.158		1.00	0.0800
75-35-4	1,1-Dichloroethene	7.390		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	8.602		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	7.643		1.00	0.120
75-09-2	Methylene Chloride	8.774		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.516		1.00	0.0600
78-93-3	2-Butanone (MEK)	18.70		2.00	0.760
74-97-5	Bromochloromethane	8.716		1.00	0.180
56-23-5	Carbon tetrachloride	8.581		1.00	0.150
71-43-2	Benzene	9.176		1.00	0.0800
107-06-2	1,2-Dichloroethane	7.852		1.00	0.140
79-01-6	Trichloroethene	9.825		1.00	0.180
71-55-6	1,1,1-Trichloroethane	8.364		1.00	0.150
75-34-3	1,1-Dichloroethane	11.35		1.00	0.110
78-87-5	1,2-Dichloropropane	10.01		1.00	0.160
594-20-7	2,2-Dichloropropane	8.374		1.00	0.130
74-95-3	Dibromomethane	8.873		1.00	0.520
67-66-3	Chloroform	8.728		1.00	0.130
75-27-4	Bromodichloromethane	8.468		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	8.519		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	7.644		1.00	0.180
108-88-3	Toluene	9.433		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	8.518		1.00	0.210
79-00-5	1,1,2-Trichloroethane	9.400		1.00	0.280
127-18-4	Tetrachloroethene	11.94		1.00	0.130
142-28-9	1,3-Dichloropropane	8.959		1.00	0.220
124-48-1	Chlorodibromomethane	8.822		1.00	0.150
106-93-4	1,2-Dibromoethane	9.166		1.00	0.180
108-90-7	Chlorobenzene	8.935		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.112		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 MS Lab Sample ID: 600-81250-10 MS

Matrix: Water Lab File ID: C29808.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 11:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.285		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	18.70		1.00	0.170
1330-20-7	Xylenes, Total	27.58		1.00	0.260
95-47-6	o-Xylene	8.875		1.00	0.120
100-42-5	Styrene	6.315		1.00	0.0700
75-25-2	Bromoform	9.149		1.00	0.190
98-82-8	Isopropylbenzene	7.495		1.00	0.180
108-86-1	Bromobenzene	8.249		1.00	0.190
96-18-4	1,2,3-Trichloropropane	7.252		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	10.07		1.00	0.220
103-65-1	N-Propylbenzene	7.969		1.00	0.150
95-49-8	2-Chlorotoluene	7.660		1.00	0.130
106-43-4	4-Chlorotoluene	7.366		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	7.545		1.00	0.100
98-06-6	tert-Butylbenzene	7.457		1.00	0.0800
99-87-6	p-Isopropyltoluene	8.659		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	7.622		1.00	0.140
135-98-8	sec-Butylbenzene	7.628		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.193		1.00	0.130
106-46-7	1,4-Dichlorobenzene	8.501		1.00	0.110
95-50-1	1,2-Dichlorobenzene	8.211		1.00	0.100
104-51-8	n-Butylbenzene	7.899		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	6.860		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	6.841		1.00	0.310
87-68-3	Hexachlorobutadiene	7.213		1.00	0.170
91-20-3	Naphthalene	4.760		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	7.185		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	106		67-139
1868-53-7	Dibromofluoromethane	100		62-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 MS Lab Sample ID: 600-81250-15 MS DL

Matrix: Water Lab File ID: C29707.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 14:40

Soil Aliquot Vol: _____ Dilution Factor: 20

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	182.1		20.0	2.40
74-87-3	Chloromethane	190.1		40.0	3.60
75-01-4	Vinyl chloride	158.9		40.0	2.20
74-83-9	Bromomethane	84.52		40.0	5.00
75-00-3	Chloroethane	152.5		40.0	1.60
75-69-4	Trichlorofluoromethane	147.4		20.0	1.60
75-35-4	1,1-Dichloroethene	142.5		20.0	3.80
156-60-5	trans-1,2-Dichloroethene	173.6		20.0	1.80
1634-04-4	Methyl tert-butyl ether	147.4		20.0	2.40
75-09-2	Methylene Chloride	201.0		100	3.00
156-59-2	cis-1,2-Dichloroethene	198.0		20.0	1.20
78-93-3	2-Butanone (MEK)	314.7		40.0	15.2
74-97-5	Bromochloromethane	172.5		20.0	3.60
56-23-5	Carbon tetrachloride	176.7		20.0	3.00
71-43-2	Benzene	188.4		20.0	1.60
107-06-2	1,2-Dichloroethane	158.4		20.0	2.80
79-01-6	Trichloroethene	195.6		20.0	3.60
71-55-6	1,1,1-Trichloroethane	172.9		20.0	3.00
75-34-3	1,1-Dichloroethane	222.2		20.0	2.20
78-87-5	1,2-Dichloropropane	202.3		20.0	3.20
594-20-7	2,2-Dichloropropane	176.1		20.0	2.60
74-95-3	Dibromomethane	178.5		20.0	10.4
67-66-3	Chloroform	181.2		20.0	2.60
75-27-4	Bromodichloromethane	177.3		20.0	3.20
110-75-8	2-Chloroethyl vinyl ether	159.1		40.0	10.0
563-58-6	1,1-Dichloropropene	177.2		20.0	4.20
10061-01-5	cis-1,3-Dichloropropene	163.0		20.0	3.60
108-88-3	Toluene	194.8		20.0	3.00
10061-02-6	trans-1,3-Dichloropropene	177.2		20.0	4.20
79-00-5	1,1,2-Trichloroethane	196.6		20.0	5.60
127-18-4	Tetrachloroethene	219.6		20.0	2.60
142-28-9	1,3-Dichloropropane	182.9		20.0	4.40
124-48-1	Chlorodibromomethane	187.9		20.0	3.00
106-93-4	1,2-Dibromoethane	189.6		20.0	3.60
108-90-7	Chlorobenzene	185.7		20.0	2.40
630-20-6	1,1,1,2-Tetrachloroethane	186.9		20.0	3.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 MS Lab Sample ID: 600-81250-15 MS DL

Matrix: Water Lab File ID: C29707.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 14:40

Soil Aliquot Vol: _____ Dilution Factor: 20

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	330.4		20.0	2.20
179601-23-1	m-Xylene & p-Xylene	450.0		20.0	3.40
1330-20-7	Xylenes, Total	639.1		20.0	5.20
95-47-6	o-Xylene	189.1		20.0	2.40
100-42-5	Styrene	194.3		20.0	1.40
75-25-2	Bromoform	185.3		20.0	3.80
98-82-8	Isopropylbenzene	237.7		20.0	3.60
108-86-1	Bromobenzene	175.0		20.0	3.80
96-18-4	1,2,3-Trichloropropane	143.5		20.0	5.80
79-34-5	1,1,2,2-Tetrachloroethane	200.9		20.0	4.40
103-65-1	N-Propylbenzene	287.0		20.0	3.00
95-49-8	2-Chlorotoluene	160.0		20.0	2.60
106-43-4	4-Chlorotoluene	155.0		20.0	2.80
108-67-8	1,3,5-Trimethylbenzene	164.6		20.0	2.00
98-06-6	tert-Butylbenzene	160.3		20.0	1.60
99-87-6	p-Isopropyltoluene	186.4		20.0	2.00
95-63-6	1,2,4-Trimethylbenzene	407.6		20.0	2.80
135-98-8	sec-Butylbenzene	170.5		20.0	2.40
541-73-1	1,3-Dichlorobenzene	170.2		20.0	2.60
106-46-7	1,4-Dichlorobenzene	176.3		20.0	2.20
95-50-1	1,2-Dichlorobenzene	169.5		20.0	2.00
104-51-8	n-Butylbenzene	179.6		20.0	3.20
96-12-8	1,2-Dibromo-3-Chloropropane	153.1		20.0	16.2
120-82-1	1,2,4-Trichlorobenzene	163.6		20.0	6.20
87-68-3	Hexachlorobutadiene	157.5		20.0	3.40
91-20-3	Naphthalene	152.6		40.0	6.40
87-61-6	1,2,3-Trichlorobenzene	152.7		20.0	11.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		67-139
1868-53-7	Dibromofluoromethane	96		62-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81163-C-2 MS

Matrix: Water Lab File ID: C29407.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 12:22

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21090		2000	240
74-87-3	Chloromethane	16030		4000	360
75-01-4	Vinyl chloride	17530		4000	220
74-83-9	Bromomethane	17690		4000	500
75-00-3	Chloroethane	17090		4000	160
75-69-4	Trichlorofluoromethane	20600		2000	160
75-35-4	1,1-Dichloroethene	20580		2000	380
156-60-5	trans-1,2-Dichloroethene	18400		2000	180
1634-04-4	Methyl tert-butyl ether	19170		2000	240
75-09-2	Methylene Chloride	20860		10000	300
156-59-2	cis-1,2-Dichloroethene	18890		2000	120
78-93-3	2-Butanone (MEK)	35390		4000	1520
74-97-5	Bromochloromethane	18260		2000	360
56-23-5	Carbon tetrachloride	21410		2000	300
71-43-2	Benzene	18700		2000	160
107-06-2	1,2-Dichloroethane	20050		2000	280
79-01-6	Trichloroethene	18760		2000	360
71-55-6	1,1,1-Trichloroethane	21140		2000	300
75-34-3	1,1-Dichloroethane	19680		2000	220
78-87-5	1,2-Dichloropropane	18530		2000	320
594-20-7	2,2-Dichloropropane	22070		2000	260
74-95-3	Dibromomethane	19680		2000	1040
67-66-3	Chloroform	18820		2000	260
75-27-4	Bromodichloromethane	19240		2000	320
110-75-8	2-Chloroethyl vinyl ether	17150		4000	1000
563-58-6	1,1-Dichloropropene	17930		2000	420
10061-01-5	cis-1,3-Dichloropropene	16780		2000	360
108-88-3	Toluene	18400		2000	300
10061-02-6	trans-1,3-Dichloropropene	19570		2000	420
79-00-5	1,1,2-Trichloroethane	18000		2000	560
127-18-4	Tetrachloroethene	19420		2000	260
142-28-9	1,3-Dichloropropane	17520		2000	440
124-48-1	Chlorodibromomethane	18570		2000	300
106-93-4	1,2-Dibromoethane	17970		2000	360
108-90-7	Chlorobenzene	17910		2000	240
630-20-6	1,1,1,2-Tetrachloroethane	18680		2000	360

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81163-C-2 MS

Matrix: Water Lab File ID: C29407.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 12:22

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18290		2000	220
179601-23-1	m-Xylene & p-Xylene	36900		2000	340
1330-20-7	Xylenes, Total	54640		2000	520
95-47-6	o-Xylene	17740		2000	240
100-42-5	Styrene	18490		2000	140
75-25-2	Bromoform	18890		2000	380
98-82-8	Isopropylbenzene	57660		2000	360
108-86-1	Bromobenzene	18780		2000	380
96-18-4	1,2,3-Trichloropropane	18360		2000	580
79-34-5	1,1,2,2-Tetrachloroethane	18810		2000	440
103-65-1	N-Propylbenzene	18900		2000	300
95-49-8	2-Chlorotoluene	18020		2000	260
106-43-4	4-Chlorotoluene	18640		2000	280
108-67-8	1,3,5-Trimethylbenzene	18910		2000	200
98-06-6	tert-Butylbenzene	18240		2000	160
99-87-6	p-Isopropyltoluene	20910		2000	200
95-63-6	1,2,4-Trimethylbenzene	18730		2000	280
135-98-8	sec-Butylbenzene	18420		2000	240
541-73-1	1,3-Dichlorobenzene	18050		2000	260
106-46-7	1,4-Dichlorobenzene	18470		2000	220
95-50-1	1,2-Dichlorobenzene	19290		2000	200
104-51-8	n-Butylbenzene	22640		2000	320
96-12-8	1,2-Dibromo-3-Chloropropane	16080		2000	1620
120-82-1	1,2,4-Trichlorobenzene	15510		2000	620
87-68-3	Hexachlorobutadiene	17120		2000	340
91-20-3	Naphthalene	13420		4000	640
87-61-6	1,2,3-Trichlorobenzene	15140		2000	1140

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	122		67-139
1868-53-7	Dibromofluoromethane	109		62-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81308-F-1 MS DL

Matrix: Water Lab File ID: C29607.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 16:04

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	83.63		10.0	1.20
74-87-3	Chloromethane	53.08		20.0	1.80
75-01-4	Vinyl chloride	46.97		20.0	1.10
74-83-9	Bromomethane	38.10		20.0	2.50
75-00-3	Chloroethane	48.75		20.0	0.800
75-69-4	Trichlorofluoromethane	64.48		10.0	0.800
75-35-4	1,1-Dichloroethene	63.33		10.0	1.90
156-60-5	trans-1,2-Dichloroethene	84.49		10.0	0.900
1634-04-4	Methyl tert-butyl ether	84.40		10.0	1.20
75-09-2	Methylene Chloride	90.30		50.0	1.50
156-59-2	cis-1,2-Dichloroethene	83.63		10.0	0.600
78-93-3	2-Butanone (MEK)	141.0		20.0	7.60
74-97-5	Bromochloromethane	78.21		10.0	1.80
56-23-5	Carbon tetrachloride	118.2		10.0	1.50
71-43-2	Benzene	92.09		10.0	0.800
107-06-2	1,2-Dichloroethane	111.2		10.0	1.40
79-01-6	Trichloroethene	97.60		10.0	1.80
71-55-6	1,1,1-Trichloroethane	116.2		10.0	1.50
75-34-3	1,1-Dichloroethane	100.8		10.0	1.10
78-87-5	1,2-Dichloropropane	167.0		10.0	1.60
594-20-7	2,2-Dichloropropane	117.4		10.0	1.30
74-95-3	Dibromomethane	99.57		10.0	5.20
67-66-3	Chloroform	99.68		10.0	1.30
75-27-4	Bromodichloromethane	97.46		10.0	1.60
110-75-8	2-Chloroethyl vinyl ether	83.91		20.0	5.00
563-58-6	1,1-Dichloropropene	89.48		10.0	2.10
10061-01-5	cis-1,3-Dichloropropene	80.75		10.0	1.80
108-88-3	Toluene	91.37		10.0	1.50
10061-02-6	trans-1,3-Dichloropropene	96.04		10.0	2.10
79-00-5	1,1,2-Trichloroethane	88.79		10.0	2.80
127-18-4	Tetrachloroethene	104.4		10.0	1.30
142-28-9	1,3-Dichloropropane	83.95		10.0	2.20
124-48-1	Chlorodibromomethane	94.80		10.0	1.50
106-93-4	1,2-Dibromoethane	86.45		10.0	1.80
108-90-7	Chlorobenzene	85.51		10.0	1.20
630-20-6	1,1,1,2-Tetrachloroethane	95.15		10.0	1.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81308-F-1 MS DL

Matrix: Water Lab File ID: C29607.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 16:04

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	90.33		10.0	1.10
179601-23-1	m-Xylene & p-Xylene	183.9		10.0	1.70
1330-20-7	Xylenes, Total	272.9		10.0	2.60
95-47-6	o-Xylene	89.01		10.0	1.20
100-42-5	Styrene	90.00		10.0	0.700
75-25-2	Bromoform	93.76		10.0	1.90
98-82-8	Isopropylbenzene	86.56		10.0	1.80
108-86-1	Bromobenzene	92.41		10.0	1.90
96-18-4	1,2,3-Trichloropropane	85.31		10.0	2.90
79-34-5	1,1,2,2-Tetrachloroethane	86.49		10.0	2.20
103-65-1	N-Propylbenzene	87.86		10.0	1.50
95-49-8	2-Chlorotoluene	85.18		10.0	1.30
106-43-4	4-Chlorotoluene	85.76		10.0	1.40
108-67-8	1,3,5-Trimethylbenzene	88.31		10.0	1.00
98-06-6	tert-Butylbenzene	87.03		10.0	0.800
99-87-6	p-Isopropyltoluene	99.51		10.0	1.00
95-63-6	1,2,4-Trimethylbenzene	88.18		10.0	1.40
135-98-8	sec-Butylbenzene	85.94		10.0	1.20
541-73-1	1,3-Dichlorobenzene	86.59		10.0	1.30
106-46-7	1,4-Dichlorobenzene	87.80		10.0	1.10
95-50-1	1,2-Dichlorobenzene	86.31		10.0	1.00
104-51-8	n-Butylbenzene	91.96		10.0	1.60
96-12-8	1,2-Dibromo-3-Chloropropane	76.47		10.0	8.10
120-82-1	1,2,4-Trichlorobenzene	84.24		10.0	3.10
87-68-3	Hexachlorobutadiene	94.60		10.0	1.70
91-20-3	Naphthalene	57.40		20.0	3.20
87-61-6	1,2,3-Trichlorobenzene	80.06		10.0	5.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	117		67-139
1868-53-7	Dibromofluoromethane	99		62-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 MSD Lab Sample ID: 600-81250-4 MSD

Matrix: Water Lab File ID: C29510.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 13:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10.73		1.00	0.120
74-87-3	Chloromethane	9.836		2.00	0.180
75-01-4	Vinyl chloride	9.561		2.00	0.110
74-83-9	Bromomethane	7.380		2.00	0.250
75-00-3	Chloroethane	10.52		2.00	0.0800
75-69-4	Trichlorofluoromethane	9.385		1.00	0.0800
75-35-4	1,1-Dichloroethene	34.63		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	15.25		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	15.02		1.00	0.120
75-09-2	Methylene Chloride	16.33		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	10.27		1.00	0.0600
78-93-3	2-Butanone (MEK)	16.03		2.00	0.760
74-97-5	Bromochloromethane	9.737		1.00	0.180
56-23-5	Carbon tetrachloride	11.01		1.00	0.150
71-43-2	Benzene	10.18		1.00	0.0800
107-06-2	1,2-Dichloroethane	9.960		1.00	0.140
79-01-6	Trichloroethene	14.63		1.00	0.180
71-55-6	1,1,1-Trichloroethane	10.89		1.00	0.150
75-34-3	1,1-Dichloroethane	24.50		1.00	0.110
78-87-5	1,2-Dichloropropane	10.16		1.00	0.160
594-20-7	2,2-Dichloropropane	11.51		1.00	0.130
74-95-3	Dibromomethane	10.42		1.00	0.520
67-66-3	Chloroform	10.04		1.00	0.130
75-27-4	Bromodichloromethane	10.12		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	15.68		2.00	0.500
563-58-6	1,1-Dichloropropene	9.655		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.880		1.00	0.180
108-88-3	Toluene	9.820		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	10.45		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.38		1.00	0.280
127-18-4	Tetrachloroethene	28.05		1.00	0.130
142-28-9	1,3-Dichloropropane	9.614		1.00	0.220
124-48-1	Chlorodibromomethane	10.09		1.00	0.150
106-93-4	1,2-Dibromoethane	9.783		1.00	0.180
108-90-7	Chlorobenzene	9.409		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.943		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW25-10152013 MSD Lab Sample ID: 600-81250-4 MSD

Matrix: Water Lab File ID: C29510.D

Analysis Method: 8260B Date Collected: 10/15/2013 13:35

Sample wt/vol: 20 (mL) Date Analyzed: 10/22/2013 13:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118680 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.852		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	19.50		1.00	0.170
1330-20-7	Xylenes, Total	28.97		1.00	0.260
95-47-6	o-Xylene	9.470		1.00	0.120
100-42-5	Styrene	8.633		1.00	0.0700
75-25-2	Bromoform	9.918		1.00	0.190
98-82-8	Isopropylbenzene	9.846		1.00	0.180
108-86-1	Bromobenzene	10.05		1.00	0.190
96-18-4	1,2,3-Trichloropropane	9.177		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	10.50		1.00	0.220
103-65-1	N-Propylbenzene	9.854		1.00	0.150
95-49-8	2-Chlorotoluene	9.394		1.00	0.130
106-43-4	4-Chlorotoluene	9.551		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	9.856		1.00	0.100
98-06-6	tert-Butylbenzene	9.911		1.00	0.0800
99-87-6	p-Isopropyltoluene	10.99		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	10.45		1.00	0.140
135-98-8	sec-Butylbenzene	9.918		1.00	0.120
541-73-1	1,3-Dichlorobenzene	9.544		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.991		1.00	0.110
95-50-1	1,2-Dichlorobenzene	10.11		1.00	0.100
104-51-8	n-Butylbenzene	11.80		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	10.15		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	10.31		1.00	0.310
87-68-3	Hexachlorobutadiene	9.688		1.00	0.170
91-20-3	Naphthalene	9.777		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	10.96		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	121		67-139
1868-53-7	Dibromofluoromethane	111		62-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 MSD Lab Sample ID: 600-81250-10 MSD

Matrix: Water Lab File ID: C29809.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 12:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.729		1.00	0.120
74-87-3	Chloromethane	11.09		2.00	0.180
75-01-4	Vinyl chloride	9.112		2.00	0.110
74-83-9	Bromomethane	6.096		2.00	0.250
75-00-3	Chloroethane	8.663		2.00	0.0800
75-69-4	Trichlorofluoromethane	8.219		1.00	0.0800
75-35-4	1,1-Dichloroethene	7.775		1.00	0.190
156-60-5	trans-1,2-Dichloroethene	9.204		1.00	0.0900
1634-04-4	Methyl tert-butyl ether	7.953		1.00	0.120
75-09-2	Methylene Chloride	9.338		5.00	0.150
156-59-2	cis-1,2-Dichloroethene	8.962		1.00	0.0600
78-93-3	2-Butanone (MEK)	18.63		2.00	0.760
74-97-5	Bromochloromethane	9.286		1.00	0.180
56-23-5	Carbon tetrachloride	9.090		1.00	0.150
71-43-2	Benzene	9.734		1.00	0.0800
107-06-2	1,2-Dichloroethane	8.320		1.00	0.140
79-01-6	Trichloroethene	10.45		1.00	0.180
71-55-6	1,1,1-Trichloroethane	8.740		1.00	0.150
75-34-3	1,1-Dichloroethane	12.02		1.00	0.110
78-87-5	1,2-Dichloropropane	10.73		1.00	0.160
594-20-7	2,2-Dichloropropane	8.971		1.00	0.130
74-95-3	Dibromomethane	9.692		1.00	0.520
67-66-3	Chloroform	9.392		1.00	0.130
75-27-4	Bromodichloromethane	9.142		1.00	0.160
110-75-8	2-Chloroethyl vinyl ether	0.500	U	2.00	0.500
563-58-6	1,1-Dichloropropene	8.972		1.00	0.210
10061-01-5	cis-1,3-Dichloropropene	8.166		1.00	0.180
108-88-3	Toluene	10.14		1.00	0.150
10061-02-6	trans-1,3-Dichloropropene	9.152		1.00	0.210
79-00-5	1,1,2-Trichloroethane	10.29		1.00	0.280
127-18-4	Tetrachloroethene	12.61		1.00	0.130
142-28-9	1,3-Dichloropropane	9.574		1.00	0.220
124-48-1	Chlorodibromomethane	9.445		1.00	0.150
106-93-4	1,2-Dibromoethane	9.968		1.00	0.180
108-90-7	Chlorobenzene	9.588		1.00	0.120
630-20-6	1,1,1,2-Tetrachloroethane	9.786		1.00	0.180

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW11-10162013 MSD Lab Sample ID: 600-81250-10 MSD

Matrix: Water Lab File ID: C29809.D

Analysis Method: 8260B Date Collected: 10/16/2013 07:25

Sample wt/vol: 20 (mL) Date Analyzed: 10/25/2013 12:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118922 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	9.944		1.00	0.110
179601-23-1	m-Xylene & p-Xylene	20.02		1.00	0.170
1330-20-7	Xylenes, Total	29.67		1.00	0.260
95-47-6	o-Xylene	9.649		1.00	0.120
100-42-5	Styrene	10.08		1.00	0.0700
75-25-2	Bromoform	9.958		1.00	0.190
98-82-8	Isopropylbenzene	8.104		1.00	0.180
108-86-1	Bromobenzene	9.240		1.00	0.190
96-18-4	1,2,3-Trichloropropane	7.762		1.00	0.290
79-34-5	1,1,2,2-Tetrachloroethane	11.02		1.00	0.220
103-65-1	N-Propylbenzene	8.710		1.00	0.150
95-49-8	2-Chlorotoluene	8.312		1.00	0.130
106-43-4	4-Chlorotoluene	7.918		1.00	0.140
108-67-8	1,3,5-Trimethylbenzene	8.248		1.00	0.100
98-06-6	tert-Butylbenzene	8.130		1.00	0.0800
99-87-6	p-Isopropyltoluene	9.454		1.00	0.100
95-63-6	1,2,4-Trimethylbenzene	8.285		1.00	0.140
135-98-8	sec-Butylbenzene	8.308		1.00	0.120
541-73-1	1,3-Dichlorobenzene	8.941		1.00	0.130
106-46-7	1,4-Dichlorobenzene	9.400		1.00	0.110
95-50-1	1,2-Dichlorobenzene	9.301		1.00	0.100
104-51-8	n-Butylbenzene	8.649		1.00	0.160
96-12-8	1,2-Dibromo-3-Chloropropane	8.048		1.00	0.810
120-82-1	1,2,4-Trichlorobenzene	8.825		1.00	0.310
87-68-3	Hexachlorobutadiene	8.029		1.00	0.170
91-20-3	Naphthalene	7.535		2.00	0.320
87-61-6	1,2,3-Trichlorobenzene	9.778		1.00	0.570

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		67-139
1868-53-7	Dibromofluoromethane	97		62-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 MSD Lab Sample ID: 600-81250-15 MSD DL

Matrix: Water Lab File ID: C29708.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 15:03

Soil Aliquot Vol: _____ Dilution Factor: 20

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	186.3		20.0	2.40
74-87-3	Chloromethane	200.4		40.0	3.60
75-01-4	Vinyl chloride	167.4		40.0	2.20
74-83-9	Bromomethane	88.16		40.0	5.00
75-00-3	Chloroethane	158.8		40.0	1.60
75-69-4	Trichlorofluoromethane	155.2		20.0	1.60
75-35-4	1,1-Dichloroethene	152.0		20.0	3.80
156-60-5	trans-1,2-Dichloroethene	187.1		20.0	1.80
1634-04-4	Methyl tert-butyl ether	156.0		20.0	2.40
75-09-2	Methylene Chloride	216.3		100	3.00
156-59-2	cis-1,2-Dichloroethene	212.3		20.0	1.20
78-93-3	2-Butanone (MEK)	343.8		40.0	15.2
74-97-5	Bromochloromethane	187.4		20.0	3.60
56-23-5	Carbon tetrachloride	186.4		20.0	3.00
71-43-2	Benzene	204.0		20.0	1.60
107-06-2	1,2-Dichloroethane	163.3		20.0	2.80
79-01-6	Trichloroethene	208.9		20.0	3.60
71-55-6	1,1,1-Trichloroethane	185.7		20.0	3.00
75-34-3	1,1-Dichloroethane	235.6		20.0	2.20
78-87-5	1,2-Dichloropropane	216.7		20.0	3.20
594-20-7	2,2-Dichloropropane	187.4		20.0	2.60
74-95-3	Dibromomethane	195.3		20.0	10.4
67-66-3	Chloroform	196.5		20.0	2.60
75-27-4	Bromodichloromethane	192.9		20.0	3.20
110-75-8	2-Chloroethyl vinyl ether	97.28		40.0	10.0
563-58-6	1,1-Dichloropropene	190.5		20.0	4.20
10061-01-5	cis-1,3-Dichloropropene	178.2		20.0	3.60
108-88-3	Toluene	214.4		20.0	3.00
10061-02-6	trans-1,3-Dichloropropene	193.9		20.0	4.20
79-00-5	1,1,2-Trichloroethane	215.6		20.0	5.60
127-18-4	Tetrachloroethene	241.2		20.0	2.60
142-28-9	1,3-Dichloropropane	197.9		20.0	4.40
124-48-1	Chlorodibromomethane	203.2		20.0	3.00
106-93-4	1,2-Dibromoethane	210.7		20.0	3.60
108-90-7	Chlorobenzene	203.7		20.0	2.40
630-20-6	1,1,1,2-Tetrachloroethane	207.4		20.0	3.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: ARTESIA-MW12-10142013 MSD Lab Sample ID: 600-81250-15 MSD DL

Matrix: Water Lab File ID: C29708.D

Analysis Method: 8260B Date Collected: 10/14/2013 15:20

Sample wt/vol: 20 (mL) Date Analyzed: 10/24/2013 15:03

Soil Aliquot Vol: _____ Dilution Factor: 20

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118869 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	354.7		20.0	2.20
179601-23-1	m-Xylene & p-Xylene	490.0		20.0	3.40
1330-20-7	Xylenes, Total	696.6		20.0	5.20
95-47-6	o-Xylene	206.6		20.0	2.40
100-42-5	Styrene	215.5		20.0	1.40
75-25-2	Bromoform	207.5		20.0	3.80
98-82-8	Isopropylbenzene	256.7		20.0	3.60
108-86-1	Bromobenzene	194.0		20.0	3.80
96-18-4	1,2,3-Trichloropropane	160.9		20.0	5.80
79-34-5	1,1,2,2-Tetrachloroethane	218.7		20.0	4.40
103-65-1	N-Propylbenzene	307.7		20.0	3.00
95-49-8	2-Chlorotoluene	178.4		20.0	2.60
106-43-4	4-Chlorotoluene	168.6		20.0	2.80
108-67-8	1,3,5-Trimethylbenzene	179.7		20.0	2.00
98-06-6	tert-Butylbenzene	177.8		20.0	1.60
99-87-6	p-Isopropyltoluene	209.1		20.0	2.00
95-63-6	1,2,4-Trimethylbenzene	435.7		20.0	2.80
135-98-8	sec-Butylbenzene	187.5		20.0	2.40
541-73-1	1,3-Dichlorobenzene	189.7		20.0	2.60
106-46-7	1,4-Dichlorobenzene	194.8		20.0	2.20
95-50-1	1,2-Dichlorobenzene	192.8		20.0	2.00
104-51-8	n-Butylbenzene	202.4		20.0	3.20
96-12-8	1,2-Dibromo-3-Chloropropane	192.3		20.0	16.2
120-82-1	1,2,4-Trichlorobenzene	208.2		20.0	6.20
87-68-3	Hexachlorobutadiene	190.9		20.0	3.40
91-20-3	Naphthalene	233.5		40.0	6.40
87-61-6	1,2,3-Trichlorobenzene	214.0		20.0	11.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		67-139
1868-53-7	Dibromofluoromethane	93		62-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81163-C-2 MSD

Matrix: Water Lab File ID: C29408.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 12:47

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21270		2000	240
74-87-3	Chloromethane	20430		4000	360
75-01-4	Vinyl chloride	19940		4000	220
74-83-9	Bromomethane	19610		4000	500
75-00-3	Chloroethane	19720		4000	160
75-69-4	Trichlorofluoromethane	23510		2000	160
75-35-4	1,1-Dichloroethene	24540		2000	380
156-60-5	trans-1,2-Dichloroethene	19450		2000	180
1634-04-4	Methyl tert-butyl ether	18520		2000	240
75-09-2	Methylene Chloride	21900		10000	300
156-59-2	cis-1,2-Dichloroethene	19200		2000	120
78-93-3	2-Butanone (MEK)	32260		4000	1520
74-97-5	Bromochloromethane	18660		2000	360
56-23-5	Carbon tetrachloride	21830		2000	300
71-43-2	Benzene	19020		2000	160
107-06-2	1,2-Dichloroethane	19730		2000	280
79-01-6	Trichloroethene	19090		2000	360
71-55-6	1,1,1-Trichloroethane	21850		2000	300
75-34-3	1,1-Dichloroethane	20970		2000	220
78-87-5	1,2-Dichloropropane	18690		2000	320
594-20-7	2,2-Dichloropropane	22770		2000	260
74-95-3	Dibromomethane	19280		2000	1040
67-66-3	Chloroform	19400		2000	260
75-27-4	Bromodichloromethane	19140		2000	320
110-75-8	2-Chloroethyl vinyl ether	17060		4000	1000
563-58-6	1,1-Dichloropropene	18230		2000	420
10061-01-5	cis-1,3-Dichloropropene	16850		2000	360
108-88-3	Toluene	18510		2000	300
10061-02-6	trans-1,3-Dichloropropene	19350		2000	420
79-00-5	1,1,2-Trichloroethane	18410		2000	560
127-18-4	Tetrachloroethene	19360		2000	260
142-28-9	1,3-Dichloropropane	17270		2000	440
124-48-1	Chlorodibromomethane	18610		2000	300
106-93-4	1,2-Dibromoethane	18220		2000	360
108-90-7	Chlorobenzene	17710		2000	240
630-20-6	1,1,1,2-Tetrachloroethane	18850		2000	360

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81163-C-2 MSD

Matrix: Water Lab File ID: C29408.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/21/2013 12:47

Soil Aliquot Vol: _____ Dilution Factor: 2000

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118652 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18810		2000	220
179601-23-1	m-Xylene & p-Xylene	37360		2000	340
1330-20-7	Xylenes, Total	55140		2000	520
95-47-6	o-Xylene	17780		2000	240
100-42-5	Styrene	18690		2000	140
75-25-2	Bromoform	18020		2000	380
98-82-8	Isopropylbenzene	60940		2000	360
108-86-1	Bromobenzene	20080		2000	380
96-18-4	1,2,3-Trichloropropane	19080		2000	580
79-34-5	1,1,2,2-Tetrachloroethane	19460		2000	440
103-65-1	N-Propylbenzene	20390		2000	300
95-49-8	2-Chlorotoluene	19130		2000	260
106-43-4	4-Chlorotoluene	20110		2000	280
108-67-8	1,3,5-Trimethylbenzene	20730		2000	200
98-06-6	tert-Butylbenzene	19690		2000	160
99-87-6	p-Isopropyltoluene	22780		2000	200
95-63-6	1,2,4-Trimethylbenzene	20060		2000	280
135-98-8	sec-Butylbenzene	20030		2000	240
541-73-1	1,3-Dichlorobenzene	19190		2000	260
106-46-7	1,4-Dichlorobenzene	19640		2000	220
95-50-1	1,2-Dichlorobenzene	19110		2000	200
104-51-8	n-Butylbenzene	21860		2000	320
96-12-8	1,2-Dibromo-3-Chloropropane	20430		2000	1620
120-82-1	1,2,4-Trichlorobenzene	19850		2000	620
87-68-3	Hexachlorobutadiene	20390		2000	340
91-20-3	Naphthalene	20180		4000	640
87-61-6	1,2,3-Trichlorobenzene	20540		2000	1140

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	123		67-139
1868-53-7	Dibromofluoromethane	104		62-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		50-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81308-F-1 MSD DL

Matrix: Water Lab File ID: C29608.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 16:30

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	83.37		10.0	1.20
74-87-3	Chloromethane	54.21		20.0	1.80
75-01-4	Vinyl chloride	44.64		20.0	1.10
74-83-9	Bromomethane	41.10		20.0	2.50
75-00-3	Chloroethane	48.16		20.0	0.800
75-69-4	Trichlorofluoromethane	62.36		10.0	0.800
75-35-4	1,1-Dichloroethene	63.27		10.0	1.90
156-60-5	trans-1,2-Dichloroethene	82.80		10.0	0.900
1634-04-4	Methyl tert-butyl ether	89.28		10.0	1.20
75-09-2	Methylene Chloride	92.59		50.0	1.50
156-59-2	cis-1,2-Dichloroethene	86.87		10.0	0.600
78-93-3	2-Butanone (MEK)	158.3		20.0	7.60
74-97-5	Bromochloromethane	84.96		10.0	1.80
56-23-5	Carbon tetrachloride	118.8		10.0	1.50
71-43-2	Benzene	93.02		10.0	0.800
107-06-2	1,2-Dichloroethane	116.6		10.0	1.40
79-01-6	Trichloroethene	95.96		10.0	1.80
71-55-6	1,1,1-Trichloroethane	118.8		10.0	1.50
75-34-3	1,1-Dichloroethane	103.4		10.0	1.10
78-87-5	1,2-Dichloropropane	170.0		10.0	1.60
594-20-7	2,2-Dichloropropane	116.7		10.0	1.30
74-95-3	Dibromomethane	103.3		10.0	5.20
67-66-3	Chloroform	98.75		10.0	1.30
75-27-4	Bromodichloromethane	102.0		10.0	1.60
110-75-8	2-Chloroethyl vinyl ether	88.77		20.0	5.00
563-58-6	1,1-Dichloropropene	86.55		10.0	2.10
10061-01-5	cis-1,3-Dichloropropene	82.81		10.0	1.80
108-88-3	Toluene	90.66		10.0	1.50
10061-02-6	trans-1,3-Dichloropropene	102.2		10.0	2.10
79-00-5	1,1,2-Trichloroethane	88.98		10.0	2.80
127-18-4	Tetrachloroethene	109.3		10.0	1.30
142-28-9	1,3-Dichloropropane	85.90		10.0	2.20
124-48-1	Chlorodibromomethane	99.08		10.0	1.50
106-93-4	1,2-Dibromoethane	92.41		10.0	1.80
108-90-7	Chlorobenzene	88.62		10.0	1.20
630-20-6	1,1,1,2-Tetrachloroethane	98.79		10.0	1.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 600-81308-F-1 MSD DL

Matrix: Water Lab File ID: C29608.D

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 20 (mL) Date Analyzed: 10/23/2013 16:30

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 118798 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	91.17		10.0	1.10
179601-23-1	m-Xylene & p-Xylene	184.8		10.0	1.70
1330-20-7	Xylenes, Total	274.3		10.0	2.60
95-47-6	o-Xylene	89.51		10.0	1.20
100-42-5	Styrene	92.34		10.0	0.700
75-25-2	Bromoform	102.2		10.0	1.90
98-82-8	Isopropylbenzene	85.79		10.0	1.80
108-86-1	Bromobenzene	93.88		10.0	1.90
96-18-4	1,2,3-Trichloropropane	88.86		10.0	2.90
79-34-5	1,1,2,2-Tetrachloroethane	95.03		10.0	2.20
103-65-1	N-Propylbenzene	88.13		10.0	1.50
95-49-8	2-Chlorotoluene	84.48		10.0	1.30
106-43-4	4-Chlorotoluene	88.39		10.0	1.40
108-67-8	1,3,5-Trimethylbenzene	88.97		10.0	1.00
98-06-6	tert-Butylbenzene	86.64		10.0	0.800
99-87-6	p-Isopropyltoluene	100.0		10.0	1.00
95-63-6	1,2,4-Trimethylbenzene	91.09		10.0	1.40
135-98-8	sec-Butylbenzene	85.40		10.0	1.20
541-73-1	1,3-Dichlorobenzene	90.16		10.0	1.30
106-46-7	1,4-Dichlorobenzene	94.76		10.0	1.10
95-50-1	1,2-Dichlorobenzene	90.15		10.0	1.00
104-51-8	n-Butylbenzene	92.77		10.0	1.60
96-12-8	1,2-Dibromo-3-Chloropropane	101.2		10.0	8.10
120-82-1	1,2,4-Trichlorobenzene	98.90		10.0	3.10
87-68-3	Hexachlorobutadiene	96.91		10.0	1.70
91-20-3	Naphthalene	79.01		20.0	3.20
87-61-6	1,2,3-Trichlorobenzene	102.2		10.0	5.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	119		67-139
1868-53-7	Dibromofluoromethane	104		62-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		50-134

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/20/2013 11:05Analysis Batch Number: 118531 End Date: 10/20/2013 20:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118531/1		10/20/2013 11:05	1	C29300.D	DB-624 0.18 (mm)
IC 600-118531/2		10/20/2013 13:50	1	C29301.D	DB-624 0.18 (mm)
IC 600-118531/3		10/20/2013 14:30	1	C29302.D	DB-624 0.18 (mm)
IC 600-118531/4		10/20/2013 14:56	1	C29303.D	DB-624 0.18 (mm)
ICIS 600-118531/5		10/20/2013 15:22	1	C29304.D	DB-624 0.18 (mm)
IC 600-118531/6		10/20/2013 15:47	1	C29305.D	DB-624 0.18 (mm)
IC 600-118531/7		10/20/2013 16:13	1	C29306.D	DB-624 0.18 (mm)
IC 600-118531/8		10/20/2013 18:10	1		DB-624 0.18 (mm)
IC 600-118531/9		10/20/2013 18:35	1		DB-624 0.18 (mm)
IC 600-118531/10		10/20/2013 19:01	1		DB-624 0.18 (mm)
IC 600-118531/11		10/20/2013 19:27	1		DB-624 0.18 (mm)
IC 600-118531/12		10/20/2013 19:52	1		DB-624 0.18 (mm)
IC 600-118531/13		10/20/2013 20:18	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/21/2013 08:04Analysis Batch Number: 118652 End Date: 10/21/2013 19:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118652/1		10/21/2013 08:04	1	C29400.D	DB-624 0.18 (mm)
CCV 600-118652/2		10/21/2013 09:36	1	C29401.D	DB-624 0.18 (mm)
CCV 600-118652/3		10/21/2013 10:02	1		DB-624 0.18 (mm)
LCS 600-118652/4		10/21/2013 10:27	1	C29403.D	DB-624 0.18 (mm)
MB 600-118652/5		10/21/2013 11:19	1	C29405.D	DB-624 0.18 (mm)
ZZZZZ		10/21/2013 11:45	1		DB-624 0.18 (mm)
600-81163-C-2 MS		10/21/2013 12:22	2000	C29407.D	DB-624 0.18 (mm)
600-81163-C-2 MSD		10/21/2013 12:47	2000	C29408.D	DB-624 0.18 (mm)
ZZZZZ		10/21/2013 13:13	2000		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 13:39	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 14:04	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 14:30	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 14:54	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 15:19	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 15:45	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 16:09	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 16:32	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 16:57	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 17:23	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 17:49	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 18:15	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 18:40	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 19:06	1		DB-624 0.18 (mm)
ZZZZZ		10/21/2013 19:32	1		DB-624 0.18 (mm)
600-81250-1	ARTESIA-MW26-10152013	10/21/2013 19:57	1	C29425.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/22/2013 08:39Analysis Batch Number: 118680 End Date: 10/22/2013 20:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118680/1		10/22/2013 08:39	1	C29500.D	DB-624 0.18 (mm)
CCVIS 600-118680/2		10/22/2013 09:12	1	C29501.D	DB-624 0.18 (mm)
CCV 600-118680/3		10/22/2013 09:37	1	C29502.D	DB-624 0.18 (mm)
LCS 600-118680/4		10/22/2013 10:03	1	C29503.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2013 10:29	1		DB-624 0.18 (mm)
MB 600-118680/6		10/22/2013 11:25	1	C29505.D	DB-624 0.18 (mm)
600-81250-4	ARTESIA-MW25-10152013	10/22/2013 11:50	1	C29506.D	DB-624 0.18 (mm)
600-81250-5	ARTESIA-MW22-10152013	10/22/2013 12:18	1	C29508.D	DB-624 0.18 (mm)
600-81250-4 MS	ARTESIA-MW25-10152013 MS	10/22/2013 12:46	1	C29509.D	DB-624 0.18 (mm)
600-81250-4 MSD	ARTESIA-MW25-10152013 MSD	10/22/2013 13:12	1	C29510.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2013 13:37	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 14:03	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 14:29	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 14:54	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 15:20	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 15:46	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 16:12	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 17:29	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 18:20	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2013 20:29	20		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/23/2013 11:46Analysis Batch Number: 118798 End Date: 10/23/2013 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118798/1		10/23/2013 11:46	1	C29600.D	DB-624 0.18 (mm)
CCV 600-118798/3		10/23/2013 12:33	1	C29602.D	DB-624 0.18 (mm)
ZZZZZ		10/23/2013 13:25	1		DB-624 0.18 (mm)
CCVIS 600-118798/2		10/23/2013 13:50	1	C29601.D	DB-624 0.18 (mm)
LCS 600-118798/5		10/23/2013 14:47	1	C29604.D	DB-624 0.18 (mm)
MB 600-118798/6		10/23/2013 15:39	1	C29606.D	DB-624 0.18 (mm)
600-81308-F-1 MS DL		10/23/2013 16:04	10	C29607.D	DB-624 0.18 (mm)
600-81308-F-1 MSD DL		10/23/2013 16:30	10	C29608.D	DB-624 0.18 (mm)
ZZZZZ		10/23/2013 16:56	10		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 17:21	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 17:47	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 18:13	200		DB-624 0.18 (mm)
600-81250-12	ARTESIA-MW15-10142013	10/23/2013 18:39	1	C29613.D	DB-624 0.18 (mm)
600-81250-13	ARTESIA-MW01-10142013	10/23/2013 19:04	1	C29614.D	DB-624 0.18 (mm)
600-81250-14	ARTESIA-MW33-10142013	10/23/2013 19:30	1	C29615.D	DB-624 0.18 (mm)
600-81250-15	ARTESIA-MW12-10142013	10/23/2013 19:56	1	C29616.D	DB-624 0.18 (mm)
600-81250-16	ARTESIA-MW17C-10142013	10/23/2013 20:21	1	C29617.D	DB-624 0.18 (mm)
ZZZZZ		10/23/2013 20:47	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 21:13	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 21:39	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 22:04	2000		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 22:30	2000		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 22:56	1		DB-624 0.18 (mm)
ZZZZZ		10/23/2013 23:21	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/24/2013 10:21

Analysis Batch Number: 118869 End Date: 10/24/2013 21:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118869/1		10/24/2013 10:21	1	C29700.D	DB-624 0.18 (mm)
CCVIS 600-118869/2		10/24/2013 12:08	1	C29701.D	DB-624 0.18 (mm)
CCV 600-118869/3		10/24/2013 12:33	1	C29702.D	DB-624 0.18 (mm)
LCS 600-118869/4		10/24/2013 12:59	1	C29703.D	DB-624 0.18 (mm)
ZZZZZ		10/24/2013 13:25	1		DB-624 0.18 (mm)
MB 600-118869/6		10/24/2013 14:16	1	C29706.D	DB-624 0.18 (mm)
600-81250-15 MS DL	ARTESIA-MW12-10142013 MS DL	10/24/2013 14:40	20	C29707.D	DB-624 0.18 (mm)
600-81250-15 MSD DL	ARTESIA-MW12-10142013 MSD DL	10/24/2013 15:03	20	C29708.D	DB-624 0.18 (mm)
600-81250-15 DL	ARTESIA-MW12-10142013 DL	10/24/2013 15:29	20	C29709.D	DB-624 0.18 (mm)
ZZZZZ		10/24/2013 15:55	2000		DB-624 0.18 (mm)
ZZZZZ		10/24/2013 16:20	10000		DB-624 0.18 (mm)
600-81250-2	ARTESIA-MW21-10152013	10/24/2013 16:46	1	C29712.D	DB-624 0.18 (mm)
600-81250-3	ARTESIA-MW31-10152013	10/24/2013 17:12	1	C29713.D	DB-624 0.18 (mm)
600-81250-8	ARTESIA-MW07-10152013	10/24/2013 17:38	1	C29714.D	DB-624 0.18 (mm)
600-81250-9	ARTESIA-MW08-10162013	10/24/2013 18:03	1	C29715.D	DB-624 0.18 (mm)
600-81250-11	ARTESIA-DUP01-1016201 3	10/24/2013 18:29	1	C29716.D	DB-624 0.18 (mm)
600-81250-6	ARTESIA-MW20-10152013	10/24/2013 18:55	1	C29717.D	DB-624 0.18 (mm)
600-81250-7	ARTESIA-MW18-10152013	10/24/2013 19:20	1	C29718.D	DB-624 0.18 (mm)
600-81250-17	ARTESIA-TB01-10142013	10/24/2013 19:46	1	C29719.D	DB-624 0.18 (mm)
600-81250-18	ARTESIA-MW32-10152013	10/24/2013 20:12	1	C29720.D	DB-624 0.18 (mm)
600-81250-19	ARTESIA-MW30-10152013	10/24/2013 20:38	1	C29721.D	DB-624 0.18 (mm)
600-81250-20	ARTESIA-DUP02-1015201 3	10/24/2013 21:03	1	C29722.D	DB-624 0.18 (mm)
600-81250-21	ARTESIA-MW29-10152013	10/24/2013 21:29	1	C29723.D	DB-624 0.18 (mm)
600-81250-22	ARTESIA-MW28-10152013	10/24/2013 21:55	1	C29724.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Houston Job No.: 600-81250-1

SDG No.: _____

Instrument ID: VOAMS01 Start Date: 10/25/2013 07:50

Analysis Batch Number: 118922 End Date: 10/25/2013 19:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 600-118922/1		10/25/2013 07:50	1	C29800.D	DB-624 0.18 (mm)
CCV 600-118922/3		10/25/2013 08:50	1		DB-624 0.18 (mm)
CCVIS 600-118922/2		10/25/2013 09:15	1	C29801.D	DB-624 0.18 (mm)
ZZZZZ		10/25/2013 09:41	1		DB-624 0.18 (mm)
LCS 600-118922/4		10/25/2013 10:07	1	C29803.D	DB-624 0.18 (mm)
MB 600-118922/6		10/25/2013 10:58	1	C29806.D	DB-624 0.18 (mm)
600-81250-10	ARTESIA-MW11-10162013	10/25/2013 11:23	1	C29807.D	DB-624 0.18 (mm)
600-81250-10 MS	ARTESIA-MW11-10162013 MS	10/25/2013 11:48	1	C29808.D	DB-624 0.18 (mm)
600-81250-10 MSD	ARTESIA-MW11-10162013 MSD	10/25/2013 12:14	1	C29809.D	DB-624 0.18 (mm)
ZZZZZ		10/25/2013 12:40	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 13:06	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 13:31	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 13:57	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 14:23	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 14:48	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 15:14	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 15:40	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 16:06	5		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 16:31	250		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 16:57	10000		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 17:23	100		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 17:48	1000		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 18:14	50		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 18:40	1000		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 19:05	1		DB-624 0.18 (mm)
ZZZZZ		10/25/2013 19:31	1		DB-624 0.18 (mm)

Shipping and Receiving Documents



Chain of Custody Record

81250

TestAmerica

Client Information		600-81250 Chain of Custody		COC No: 600-21725-8135-1	
Client Contact: Mr. John Ynfante		Last Pkt: Rodriguez, Neil A		Page: of	
Company: CH2M Hill Constructors, Inc.		E-Mail: neil.rodriguez@testamerica.com		Job #:	
Address: 14701 St Mary's Lane Suite 300		Due Date Requested:		Analysis Requested	
City: Houston		TAT Requested (days):		Preservation Codes:	
State, Zip: TX, 77079-2923		10 - Business Days Preliminary Report, 15 - Business Days Level 3 Report		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 Other:	
Phone: 281-721-8546 (Tel)		PO #: 469935-1301		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Email: john.ynfante@ch2m.com		WO #: 60004334		Total Number of Containers	
Project Name: Dowell - Artesia Groundwater		Project #: 60004334		Special Instructions/Note:	
Site: Dowell - Artesia		SSOW#:			
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, A=artificial)
ARTESIA - MW26 - 10152013	10/15/13	1050	G	Water	N X
ARTESIA - MW21 - 10152013	10/15/13	1220	G	Water	N X
ARTESIA - MW31 - 10152013	10/15/13	1305	G	Water	N X
ARTESIA - MW25 - 10152013	10/15/13	1335	G	Water	N X
ARTESIA - MW22 - 10152013	10/15/13	1425	G	Water	N X
ARTESIA - MW20 - 10152013	10/15/13	1510	G	Water	N X
ARTESIA - MW18 - 10152013	10/15/13	1545	G	Water	N X
ARTESIA - MW07 - 10152013	10/15/13	1625	G	Water	N X
ARTESIA - MW08 - 10152013	10/16/13	0820	G	Water	N X
ARTESIA - MW11 - 10152013	10/16/13	0725	G	Water	N X
ARTESIA - DUP01 - 10162013	10/16/13	1100	G	Water	N X
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		MS/MSD	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ 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:		Method of Shipment:	
Relinquished by: Luke Hill		Date/Time: 10/16/13 1500		Received by: [Signature]	
Relinquished by:		Date/Time:		Date/Time: 10/16/13 1000	
Relinquished by:		Date/Time:		Date/Time:	
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Chain of Custody Record

Client Information		Lab PM		Carrier Tracking No(s)		COC No.	
Company: CH2M Hill Constructors, Inc.		Rodrigue, Neil A		800-21725-8135 1			
Address: 14701 St. Mary's Lane Suite 300		E-Mail: nell.rodrigue@testamericainc.com					
City: Houston		Phone: 281-721-8546 (Tel)					
State, Zip: TX, 77079-2923		WO #: 60004334					
Email: john.ynfante@ch2m.com		Project #: 60004334					
Dowell - Artesia Groundwater		Site: Dowell - Artesia					
Due Date Requested:		TAT Requested (days):		Analysis Requested		Preservation Codes:	
10 - Business Days Preliminary Report, 15 - Business Days Level 3 Report		10 - Business Days Preliminary Report, 15 - Business Days Level 3 Report				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anhydrous H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
PO #: 469935-1301		Matrix (Water, Solid, Organic, Oil, Gas, etc.)		Total Number of Containers		Special Instructions/Note:	
WO #: 60004334		Sample Type (C=Comp, G=Grab)					
Project #: 60004334		Sample Time					
SSOW#: 60004334		Sample Date					
Sample Identification		Sample Date		Sample Time		Sample Matrix	
ARTESIA - MW15 - 10/14/2013		10/14/13		1440		Water	
ARTESIA - MW01 - 10/14/2013		10/14/13		1410		Water	
ARTESIA - MW33 - 10/14/2013		10/14/13		1635		Water	
ARTESIA - MW12 - 10/14/2013		10/14/13		1520		Water	
ARTESIA - MW17C - 10/14/2013		10/14/13		1550		Water	
ARTESIA - MW01 - 10/14/2013		10/14/13		1200		Water	
ARTESIA - MW32 - 10/15/2013		10/15/13		0655		Water	
ARTESIA - MW30 - 10/15/2013		10/15/13		0740		Water	
ARTESIA - DUPO2 - 10/15/2013		10/15/13		0800		Water	
ARTESIA - MW29 - 10/15/2013		10/15/13		0945		Water	
ARTESIA - MW28 - 10/15/2013		10/15/13		1015		Water	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client		Archive For	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Special Instructions/QC Requirements:		Disposal By Lab		Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Method of Shipment:	
Relinquished by: Luke Hill		Date/Time: 10/16/13 1500		Received by: CH2M Hill		Date/Time: 10/16/13 1000	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks			

Login Sample Receipt Checklist

Client: CH2M Hill Constructors, Inc.

Job Number: 600-81250-1

Login Number: 81250

List Source: TestAmerica Houston

List Number: 1

Creator: Trenery, Michael J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Appendix D
Data Quality Evaluation Memorandum

Data Quality Evaluation Memorandum
for Groundwater and Soil Vapor Samples Collected July and October 2013
Former Dowell Schlumberger Facility
Artesia, New Mexico

A CH2M HILL project chemist reviewed four data packages from TestAmerica-Houston of Houston, Texas for the analysis of groundwater samples and one data package from TestAmerica-Austin of Austin, Texas for the analysis of a vapor sample. Samples were collected July 23-24, October 14-16, and November 11-13, 2013.

Data were reviewed for conformance to the requirements of the U.S. Environmental Protection Agency's (USEPA) *National Functional Guidelines for Superfund Organic Methods Data Review* (2008) and adherence to project objectives.

Intended Use of Data

The data will be used to provide data on concentrations of chemicals of potential concern in groundwater and vapor at the Dowell Artesia facility in Artesia, New Mexico.

The vapor sample was analyzed for volatile organic compounds (VOCs) in air by USEPA Method TO-15 (*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition* [1999]).

Groundwater samples were analyzed for VOCs by USEPA Methods SW-846 5030/8260B (*EPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846) 3rd ed. with updates* [1996]).

Data were reviewed and validated as described in USEPA's *National Functional Guidelines* (USEPA, 2008). The results of the data review and validation are discussed in this Data Quality Evaluation Report. The following items were reviewed:

- Chain of custody and completeness of reports
- Sample receipt conditions
- Case narrative information
- Preservation and holding times
- Initial and continuing calibration accuracy and precision
- Instrument tunes (for VOCs)
- Blank contamination and potentially associated positive bias
- Internal standard recovery accuracy (for VOCs)
- Surrogate recovery accuracy (for organic data)
- Serial dilution precision
- Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) accuracy and precision
- Matrix spike / matrix spike duplicate (MS/MSD) accuracy and precision
- Lab duplicate precision
- Field duplicate precision

Sample Summary

A total of 40 groundwater samples and 1 soil vapor sample were analyzed for VOCs. Field QC samples included 4 water field duplicates and 2 trip blanks.

Project Objectives

The following project data quality objectives (DQOs) were established for the analysis of the VOCs:

- Recovery 60-140 percent or lab control limits if more conservative
- Relative percent difference (RPD) 40 percent or lab control limits if more conservative
- Sample/Field Duplicate RPD 30 percent or +/- 2 times the method quantitation limit (MQL) if concentrations are less than 5 times the MQL
- Completeness 95 percent

Data Review and Validation Results

Preservation and Holding Times

Samples were evaluated for agreement with the chain-of-custody (C-O-C). All samples were received in the appropriate containers and in good condition with proper completion of the C-O-C documentation. Sample receipt temperatures were within the acceptance criteria of 4 ± 2 °C. Samples were preserved in the field as specified in SW-846 Tables 2-40(A) and 2-40(B).

All groundwater and soil vapor samples were prepared and analyzed within holding times specified in SW-846 Tables 2-40(A) and 2-40(B).

Calibrations and Tunes

Instrument performance calibrations (GC/MS tunes) for GC/MS analyses (VOCs) were within method acceptance criteria.

Initial calibration and continuing calibration data met SW-846 method requirements for all analyses with the following exceptions:

Bromomethane and naphthalene were recovered below the acceptance criteria in the continuing calibration verifications (CCVs) associated with 11 water samples and 15 water samples and, respectively. The non-detect results for these VOCs in the associated samples were qualified as not detected at an estimated detection limit (UJ) and the associated detections were qualified as estimated (J).

Blanks

Naphthalene was detected in multiple lab method blanks which resulted in 1 result in air being qualified as not detected (U).

No other target analytes were detected in any blanks at concentration that resulted in data qualification.

Internal Standard Recoveries and Surrogate Recoveries

All internal standard recoveries and surrogate recoveries for VOCs analyses were within project quality assurance objectives.

Laboratory Control Samples

Laboratory control samples (LCSs) for each method were spiked with all target analytes of interest for that method. All LCS recoveries and LCS/LCSD RPDs were within project quality assurance objectives with the following exceptions:

4-Isopropyltoluene was recovered above acceptance criteria in the air LCS which resulted in the detection of 4-Isopropyltoluene in sample ARTESIA-SV-3Q2013 being qualified as estimated (J) and with a potential high bias.

2-Chloroethyl vinyl ether, tetrachloroethene and trichloroethene were recovered below acceptance criteria in LCSs associated with soil samples; consequently 18 non-detect results for these VOCs in soil samples were qualified as not detected at an estimated detection limit (UJ) and one detection of 2-chloroethyl vinyl ether in soil sample SB03-18-19-1112013 was qualified as estimated (J).

Matrix Spike / Matrix Spike Duplicates and Lab Duplicates

Matrix spike/matrix spike duplicates (MS/MSDs) for each method were spiked with all target analytes of interest for that method.

Multiple VOC compounds were recovered below acceptance criteria in multiple MS/MSDs associated with water samples which resulted in 67 VOC non-detects being qualified as not detected at an estimated detection limit (UJ) and 3 VOC detections being qualified as estimated (J) with a potential low bias. 1,1-Dichloroethane was recovered above acceptance criteria in a water MS/MSD which resulted in the detection for 1,1-dichloroethane in water sample ARTESIA-MW25-10152013 being qualified as estimated (J) with a potential high bias.

MS/MSD relative percent difference (RPD) values were outside of precision criteria for naphthalene, 1,1-dichloroethane and chloromethane in three separate water MS/MSDs. This resulted in the naphthalene detection in ARTESIA-MW12-10142013, the 1,1-dichloroethane detection in ARTESIA-MW25-10152013 and the chloromethane detection in ARTESIA-MW11-10162013 being qualified as estimated (J).

Field Precision

1,2,4-Trimethylbenzene, ethylbenzene, isopropylbenzene and n-propylbenzene exhibited RPDs outside of acceptance criteria between water sample ARTESIA-MW12-3Q2013 and its field duplicate ARTESIA-DUP01-3Q2013. Results for these analytes in both samples were qualified as estimated (J). All other field duplicate precision values were within project objectives.

Summary

Overall the quality of the analytical data was found to be within the QC limits established by the project DQOs, the analytical methods, and review criteria presented in USEPA's *National Functional Guidelines*.

All sample preservation, instrument tunes, internal standard recoveries and surrogate recoveries were within project acceptance criteria or exhibited minor issues that did not necessitate any data qualification. The primary QC issues encountered were low CCV recoveries and blank contamination along with isolated instances of low recoveries for LCSs and MS/MSDs. Data were qualified for use based on these issues as described above, but no critical QC issues were encountered and no data were rejected; therefore, the data set has a completeness value of 100%.

Water data that were qualified during the validation are listed in **Table 1**. Soil vapor data that were qualified during validation are listed in **Table 2**. All analytical results, including those qualified during the data quality review, may be used to support project decisions.

Table 1. Summary of Data Qualification for Groundwater Samples, July and October 2013
Former Dowell Schlumberger Facility
Artesia, New Mexico

Sample Date	Sample Identification	Analyte	Qualification	Reason for Qualification
7/23/2013	ARTESIA-DUP01-3Q2013	1,2,4-Trimethylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-DUP01-3Q2013	Ethylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-DUP01-3Q2013	Isopropylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-DUP01-3Q2013	n-Propylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-MW12-3Q2013	1,2,3-Trichlorobenzene	UJ	Analyte recovered low in MS/MSD.
7/23/2013	ARTESIA-MW12-3Q2013	2-Chloroethyl Vinyl Ether	UJ	Analyte recovered low in MS/MSD.
7/23/2013	ARTESIA-MW12-3Q2013	Naphthalene	J	Analyte recovered low in MS/MSD.
7/23/2013	ARTESIA-MW12-3Q2013	1,2,4-Trimethylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-MW12-3Q2013	Ethylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-MW12-3Q2013	Isopropylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-MW12-3Q2013	n-Propylbenzene	J	Field duplicate precision outside criteria.
7/23/2013	ARTESIA-MW32-3Q2013	2-Chloroethyl Vinyl Ether	UJ	Analyte recovered low in MS/MSD.
7/23/2013	ARTESIA-MW32-3Q2013	Chloromethane	UJ	Analyte recovered low in MS/MSD.
7/23/2013	ARTESIA-MW32-3Q2013	Styrene	UJ	Analyte recovered low in MS/MSD.
7/24/2013	ARTESIA-MW21-3Q2013	2-Chloroethyl Vinyl Ether	UJ	Analyte recovered low in MS/MSD.
10/14/2013	ARTESIA-MW12-10142013	Naphthalene	J	Analyte recovered low in CCV and MS/MSD. MS/MSD RPD outside criteria.
10/14/2013	ARTESIA-MW12-10142013	1,2,3-Trichlorobenzene	UJ	Analyte recovered low in MS/MSD.
10/14/2013	ARTESIA-MW12-10142013	2-Chloroethyl Vinyl Ether	UJ	Analyte recovered low in MS/MSD.
10/14/2013	ARTESIA-MW12-10142013	Bromomethane	UJ	Analyte recovered low in MS/MSD.
10/15/2013	ARTESIA-DUP02-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-DUP02-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW07-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW07-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW18-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW18-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW20-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW20-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW21-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW21-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW22-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW25-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW25-10152013	1,1-Dichloroethane	J	Recovered high in MS/MSD. MS/MSD precision outside criteria.
10/15/2013	ARTESIA-MW25-10152013	Bromomethane	UJ	Analyte recovered low in MS/MSD.
10/15/2013	ARTESIA-MW25-10152013	Styrene	UJ	Analyte recovered low in MS/MSD.
10/15/2013	ARTESIA-MW28-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW28-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW29-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW29-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW30-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW30-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW31-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW31-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW32-10152013	Bromomethane	UJ	Analyte recovered low in CCV.
10/15/2013	ARTESIA-MW32-10152013	Naphthalene	UJ	Analyte recovered low in CCV.
10/16/2013	ARTESIA-DUP01-10162013	Bromomethane	UJ	Analyte recovered low in CCV.
10/16/2013	ARTESIA-DUP01-10162013	Naphthalene	UJ	Analyte recovered low in CCV.
10/16/2013	ARTESIA-MW08-10162013	Bromomethane	UJ	Analyte recovered low in CCV.
10/16/2013	ARTESIA-MW08-10162013	Naphthalene	UJ	Analyte recovered low in CCV.
10/16/2013	ARTESIA-MW11-10162013	2-Chloroethyl Vinyl Ether	UJ	Analyte recovered low in MS/MSD.
10/16/2013	ARTESIA-MW11-10162013	Bromomethane	UJ	Analyte recovered low in MS/MSD.
10/16/2013	ARTESIA-MW11-10162013	Chloromethane	J	MS/MSD precision outside criteria.
10/16/2013	ARTESIA-MW11-10162013	Naphthalene	UJ	Analyte recovered low in MS/MSD.

Notes:

CCV continuing calibration verification
J Analyte was positively identified at the estimated concentration.
MS/MSD matrix spike/matrix spike duplicate
RPD relative percent difference
UJ Analyte was not detected; the quantitation limit is estimated.

Table 2. Summary of Data Qualification for Soil Vapor Samples, July 2013

Former Dowell Schlumberger Facility

Artesia, New Mexico

Sample Date	Sample Identification	Analyte	Qualification	Reason for Qualification
7/23/2013	ARTESIA-SV-3Q2013	Naphthalene	U	Analyte detected in method blank.
7/23/2013	ARTESIA-SV-3Q2013	4-Isopropyltoluene	J	Analyte recovered high in LCS.

Notes:

J Analyte was positively identified at the estimated concentration.
LCS laboratory control sample
U Analyte was not detected.