# COVER PAGE
# FORM 1216
# QUARTERLY GROUNDWATER MONITORING REPORT

1. **Site Name:**

   Santa Fe County Judicial Complex

2. **Responsible party:**

   State Lead Remediation Services

3. **Responsible party mailing address** (list contact person if different)**:**

   2905 Rodeo Park Drive East, Building 1
   Santa Fe, New Mexico 87505

4. **Facility Number:**

   Facility #53763 SID #4597

5. **Address/legal description:**

   210 & 218 Montezuma Avenue, Capitol 66, 204 Montezuma Avenue, 327 Sandoval Street, and surrounding sites, Santa Fe, New Mexico 87501

6. **Author/consulting company:**

   Alan J. Eschenbacher, P.G. – Souder, Miller & Associates

7. **Date of report:**

   March 26, 2018

8. **Date of confirmation of release or date USTB was notified of release:**

   February 19, 1999

**STATEMENT OF FAMILIARITY**

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

**Signature:**

**Name:**

Alan J. Eschenbacher, P.G.

**Affiliation:**

Souder, Miller & Associates

**Title:**

Senior Geoscientist

**Date:**

March 26, 2018

## I. Introduction

The following report details semi-annual groundwater monitoring activities at the Santa Fe County Judicial Complex underground storage tank (UST) release site in Santa Fe, New Mexico.

*A. Scope of Work: Make Reference to Workplan.*

The scope of work for this groundwater monitoring event consisted of measuring fluid levels in all site monitor wells and SVE wells and collecting groundwater samples from 50 monitoring and SVE wells for laboratory analysis. Groundwater samples were analyzed for volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), 1,2-dichloroethane (EDC), and total naphthalenes (naphthalene plus methylnaphthalenes) using U.S. Environmental Protection Agency (EPA) method 8260B and 1,2-dibromoethane (EDB) by EPA Method 504.1. This monitoring event was conducted pursuant to the work plan dated December 8, 2017 and approved by the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) on December 18, 2017 (WPID #3953).

*B. This quarter's highlights, if any.*

Fluid level gauging was conducted on forty-five (45) monitoring and SVE wells at the site. Groundwater elevations decreased an average of 0.57 feet in the Capital 66 site wells. The average groundwater elevation in all wells except the Capital 66 wells decreased an average of 0.58 feet since the previous sampling event. A groundwater low was present in the middle of the site this sampling event. Due to this low, the potentiometric surface sloped to the north at 0.031 feet/foot in the southern portion of the site and 0.0038 feet/foot to the south in the northern portion of the site.

Groundwater samples were collected from 47 monitoring and SVE wells by SMA. Of these sampled wells, 20 wells contained concentrations of dissolved phase contaminants above New Mexico Water Quality Control Commission Regulation (NMWQCCR) standards. Compared to the previous sampling event, contaminant concentrations increased in 9 wells, decreased in 11 wells and had variable trends in 5 wells. 22 sampled wells did not contain detectable concentrations of any analyzed contaminants.

## II. Completed Tasks

*A. Brief description of remediation system and date installed.*

The remediation systems previously located on site utilized a series of vertical and horizontal SVE and hot air injection wells. The wells were routed through conveyance piping to one of two equipment compounds, referred to as the north and south SVE systems. The north SVE system was dismantled the week of August 2012, and the south SVE system was dismantled the week of February 2, 2015.

Ozone treatment equipment, consisting of an H2O Model OSU20-52, Series B, ozone injection unit, was installed in November 2012 for pilot testing. The unit was purchased in January 2013 to continue ozone injection at the site. Ozone injection at the site ceased in November 2013. Equipment associated with ozone injection was dismantled the week of February 2, 2015.

A series of five hydrogen peroxide injection events were conducted on select wells between September 2013 and May 2014. During these events a total of 1,140 gallons of 34% hydrogen peroxide were injected in 16 site wells.

Three, 48-hour Mobile Dual-Phase Extraction (MDPE) events were conducted at the site in October 2017. The Montezuma Avenue area MDPE event extracted from SFCMW-1, SFCMW-10, MW-6, and SVE-3. 8,190 gallons of fluids and approximately 618,000 cubic feet of air was extracted from the Montezuma Avenue area. The South Plume / Design Center area MDPE event extracted from MW-1R, MW-4R, and TWS-4. 3,377 gallons of fluids and approximately 616,000 cubic feet of air was extracted from the South Plume / Design Center area. The DeVargas Condominiums area MDPE event extracted from MW-11, MW-14, TWN-2 and TWN-3. 5,654 gallons of fluids and approximately 687,000 cubic feet of air was extracted from the DeVargas Condominiums area. Following the MDPE events Oxygen Release Compound-Advanced (ORC-A) socks were installed in wells to further enhance biodegradation of dissolved phase hydrocarbons. The ORC-A socks were returned to the wells following purging and sampling of wells this event.

*B. Description of activities performed to keep system operating properly including: inspections, maintenance procedures and modifications, if any.*

Not applicable

*C. Monitoring activities performed.*

**Groundwater Measurements**

SMA conducted a groundwater monitoring event at the site February 19, 20, and 21, 2018. Two wells (MW-6 and SVE-5) were not gauged because the water level probe could not get past ORC-A socks in the wells. This event included gauging fluid levels in all available site wells. No measureable NAPL was detected this event.

Fluid level gauging was conducted on forty-five (45) monitoring and SVE wells at the site. Groundwater elevations decreased an average of 0.57 feet in the Capital 66 site wells. The average groundwater elevation in all wells except the Capital 66 wells decreased an average of 0.58 feet since the previous sampling event. A groundwater low was present in the middle of the site this sampling event. Due to this low, the potentiometric surface sloped to the north at 0.031 feet/foot in the southern portion of the site and 0.0038 feet/foot to the south in the northern portion of the site. The two opposing flow directions may be due to groundwater recharge near the Santa Fe River north of the site. Groundwater highs near the river have been observed a few times in the site history.

Figure 2 is the potentiometric surface map of the site. Table 4 summarizes both historic and recent groundwater depths and elevations.

**Volatile Organic Contaminant Monitoring**

Groundwater samples were collected from forty-seven (47) site monitoring and SVE wells following purging of three well volumes or stabilization of pH, temperature, and conductivity was achieved. Samples were decanted into laboratory provided glassware and submitted for analysis by EPA Methods 8260 and 504.1 to Hall Environmental Analysis Laboratory. Figure 1 shows the location of the wells. Figures 3A, 3B, and 3C illustrate benzene, total naphthalenes, and EDB and 1,2-dichloroethane (EDC) contaminant concentrations, respectively. Analytical results are summarized in Table 1a. Field parameter measurements are summarized in Table 1b. Procedures for sampling the monitoring and SVE wells are described in Appendix 1. Field notes are included as Appendix 3. Laboratory results are included in Appendix 6.

*D. System Performance and Effectiveness.*

Not applicable

*E. Containment of Release.*

Figures 3a, 3b and 3c show the current dissolved phase contamination in excess of NMWQCCR standards. Dissolved phase contamination exists as four separate plumes that were previously connected to areas of contamination addressed by remediation efforts at the site. The southernmost plume is located adjacent to the Design Center and within Cerrillos Road. The lateral extents of this plume are defined to the south by monitoring wells TWS-2 and TWS-3, to the west by MW-20, to the north by SVE-1 and SVE-2, and to the east by CMW-2.

The Capitol 66 plume is defined to the south and north by results from CMW-2 and historic results from CMW-6 and SVE-4. Currently, total naphthalenes exceed applicable standards in CMW-4 and is defined laterally to the west by SVE-1, to the east by CMW-3R, to the south by CMW-2, and to the north by CMW-5. The dissolved phase total naphthalene plume is currently undefined to the east. Benzene currently exceeds standards in CMW-1 and is defined laterally to the west by CMW-2 and CMW-3. Currently, dissolved phase benzene is undefined laterally to the east of CMW-1.

The dissolved phase contaminant plume located between the Journal Santa Fe and Santa Fe County Judicial Complex largely consists of total naphthalenes. Ten wells (MW-6, MW-7, SFCMW-1, SFCMW-2, SFCMW-3, SFCMW-10, SVE-3, SVE-5, SVE-6 and SVE-11D) contains total naphthalenes in excess of applicable standards. The total naphthalene plume is defined to the south by SVE-1 and SVE-2, to the east by MW-5 and MW-8, to the west by MW-18 and TWS-1 and to the north by SFCMW-06, MW-8 and MW-9. Dissolved phase benzene exceeds the applicable standard in SFCMW-10 and SVE-3. The dissolved phase benzene plume is defined laterally to the north by SFCMW-1, to the west by TWS-1, to the south by SVE-1 and SVE-2, and to the east by SVE-11D and MW-6.

The northern plume is located within the parking lots for De Vargas Condominiums and the Santa Fe District Attorney's office. This plume consists largely of EDB, EDC and total naphthalenes in excess of applicable standards. Currently, there are no wells with benzene in excess of NMWQCC standards in the north plume area. Two wells (MW-11 and TWN-2) contained total naphthalenes in excess of applicable standards. The total naphthalenes plume is defined laterally to the north by MW-14, to the east by SFCMW-11 and SVE-9, to the south by SFCMW-7, and the west by MW-13 and TWN-3.

## III. Summary and Conclusions

*A. Discussion of any trends or changes noted in analytical results or site conditions.*

The previously documented groundwater divide between the Capitol 66 site and the remainder of the site remained apparent this event. The static water elevations are approximately 8 feet higher east of Cerrillos Road compared to all other wells.

Groundwater elevations decreased an average of 0.58 feet this event compared to the previous monitoring event. The decrease was largest in MW-1R (1.98 feet).

**Design Center Plume**

Dissolved phase contaminants increased significantly in monitoring wells MW-1R and MW-4R and had variable trends in TWS-4 this event compared to the previous sampling event. Currently, MW-1R contains 300 µg/L benzene, 2,300 µg/L toluene, 1,200 µg/L ethylbenzene, 12,000 µg/L total xylenes, and 1,030 µg/L total naphthalenes. MW-4R contains 1,400 µg/L benzene, 9,100 µg/L toluene, 860 µg/L ethylbenzene, 6,000 µg/L total xylenes, 468 µg/L total naphthalenes and 1.6 µg/L EDB. TWS-4 contains 260 µg/L benzene, 1,300 µg/L total xylenes, and 167 µg/L total naphthalenes above applicable standards. Overall, contaminant concentrations increased significantly in the Design Center plume following an event with low concentrations. This increase appears to be a rebound to more typical concentrations following the significantly low concentrations observed during the previous sampling event.

**Capitol 66 Plume**

Dissolved phase contaminant concentrations increased in monitoring well CMW-1 and CMW-4 and decreased in monitoring well CMW-3R compared to the previous sampling event. Currently, CMW-1 contains 150 µg/L benzene which exceeds applicable standards. Total xylenes and naphthalenes decreased in monitoring well CMW-3 to concentrations of 50 and 29.2 µg/L, respectively, which are below the applicable standards. CMW-4 currently contains 87 µg/L total naphthalenes which exceeds the applicable standard. Overall, contaminant concentrations had variable trends in the Capitol 66 plume compared to the previous sampling event.

**Judicial Complex/Journal Santa Fe Plume**

Dissolved phase contaminant concentrations generally increased in wells SFCMW-1, SFCMW-10, and SVE-11D; decreased in SFCMW-2, SFCMW-3, SFCMW-6, SVE-1, SVE-5, SVE-6, and MW-7. MW-6 and SVE-3 had variable trends in contaminant concentrations. Currently, SFCMW-10 and SVE-3 are the only wells in this plume area that contain benzene in excess of applicable standards (72 and 30 µg/L, respectively). Total naphthalenes concentrations exceeded standards in SFCMW-1, SFCMW-2, SFCMW-03, SFCMW-10, SVE-3, SVE-5, SVE-6, MW-6, and MW-7. Total naphthalenes concentrations

range from 69 to 4,700 μg/L in these wells. In general, the concentrations in the total naphthalenes contaminant plume had variable trends with several wells increasing and others decreasing. SFCMW-10 contained the highest total naphthalenes concentration in this plume area with 4,700 μg/L.

**De Vargas Condominium / District Attorney's Office Plume**

In general, dissolved phase contaminant concentrations decreased significantly in the De Vargas Condominiums / District Attorney's Office plume compared to the previous sampling event. The reduction in concentrations is most likely due to the mobile dual-phase extraction event in October 2017. This sampling event no wells contained benzene above the regulatory standard of 10 μg/L. Benzene concentrations decreased significantly in TWN-2 (270 μg/L to 3.4 μg/L) and TWN-3 (1,200 μg/L to 1.4 μg/L). Total naphthalenes concentrations decreased in and increased in monitoring wells MW-11, MW-14, TWN-2, and TWN-3 compared to the previous sampling event. The highest total naphthalene concentration was in monitoring well MW-11 at 445 μg/L. TWN-2 contained 57 μg/L total naphthalenes. No other wells in the area contained total naphthalenes in excess of 30 μg/L.

*B. Ongoing assessment of remediation system.*

SMA completed three mobile dual-phase extraction (MDPE) events and ORC-A sock installation in October 2017. The goal of these extraction events was to reduce dissolved phase contaminant concentrations and accelerate natural attenuation in the three main plume areas. MDPE works by: draining the pore volume of relatively stagnant, contaminated groundwater (soil flushing), reducing residual adsorbed soil contamination (soil vapor extraction), and bringing more oxygenated air into vadose and smear zone soils (enhanced bioremediation). Following the MDPE events, SMA installed ORC-Advanced socks in selected wells to further enhance bioremediation.

The groundwater monitoring results indicate the MDPE and ORC-A was effective in the DeVargas Condominium / District Attorney's Office parking lot plume. Whereas, the monitoring results in the Design Center and Judicial Complex/Journal Santa Fe plumes indicate that MDPE was relatively ineffective. The effectiveness in the DeVargas Condominium area may have been due to the limited lateral extent of the plume. Flushing of relatively uncontaminated water into the plume area is more effective where the lateral extent of the plume is small. It appears the quantity of water and air flushed through the Judicial Complex and Design Center plumes was insufficient relative to the size of the plumes to achieve similar concentration reductions.

*C. Recommendations.*

SMA recommends that groundwater monitoring continue at the site.

**Figures**

1. Site Map
2. Potentiometric Surface Map

3A. Dissolved Phase Benzene Concentration Map
3B. Dissolved Phase Total Naphthalenes Concentration Map
3C. Dissolved Phase EDB and EDC Concentration Map
4A. CMW-1 Hydrograph
4B. MW-6 Hydrograph
4C. MW-3/SVE-1 Hydrograph
4D. MW-11 Hydrograph
5A. SFCMW-10 Contaminant Concentration & Groundwater Elevation Graph
5B. TWN-2 Contaminant Concentration & Groundwater Elevation Graph

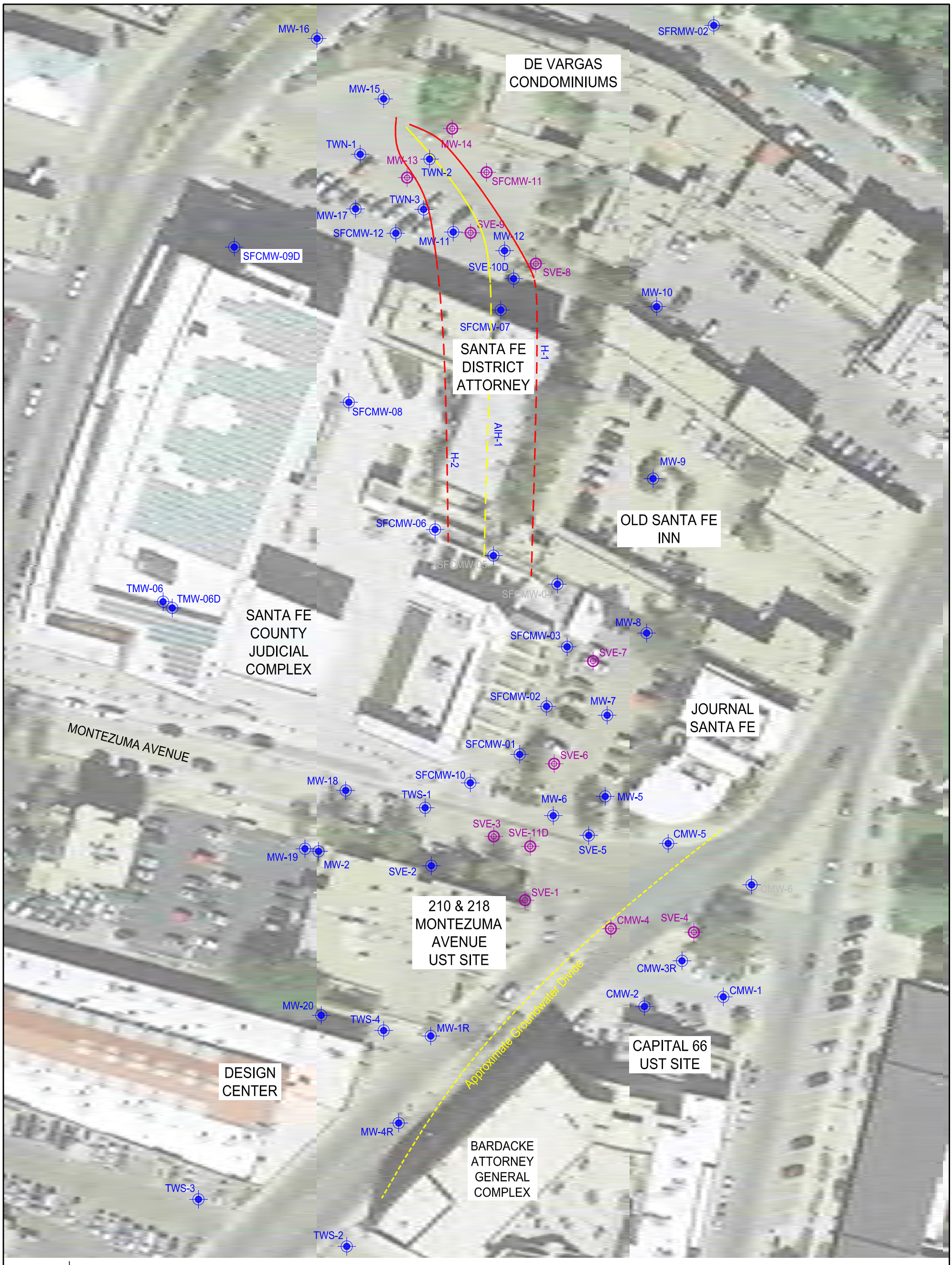
**Tables**

1a. Summary of Groundwater Sample Analyses
1b. Summary of Groundwater Field Parameters
4. Water level measurements

**Appendices**

1. Sampling Protocol
3. Field Notes, Copies
6. Laboratory Results

# Figures




*LEGEND*

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- HORIZONTAL SOIL VAPOR EXTRACTION WELL (DASHED WHERE SCREENED)
- HORIZONTAL HOT AIR INJECTION WELL (DASHED WHERE SCREENED)

N

0 30 60

SCALE: 1"= 60 FT.

*SITE MAP*
*SANTA FE COUNTY JUDICIAL COMPLEX STATE LEAD SITE*
*SANTA FE, NEW MEXICO*

*FIGURE 1*

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BY _____ DATE _____ DESCR. _____



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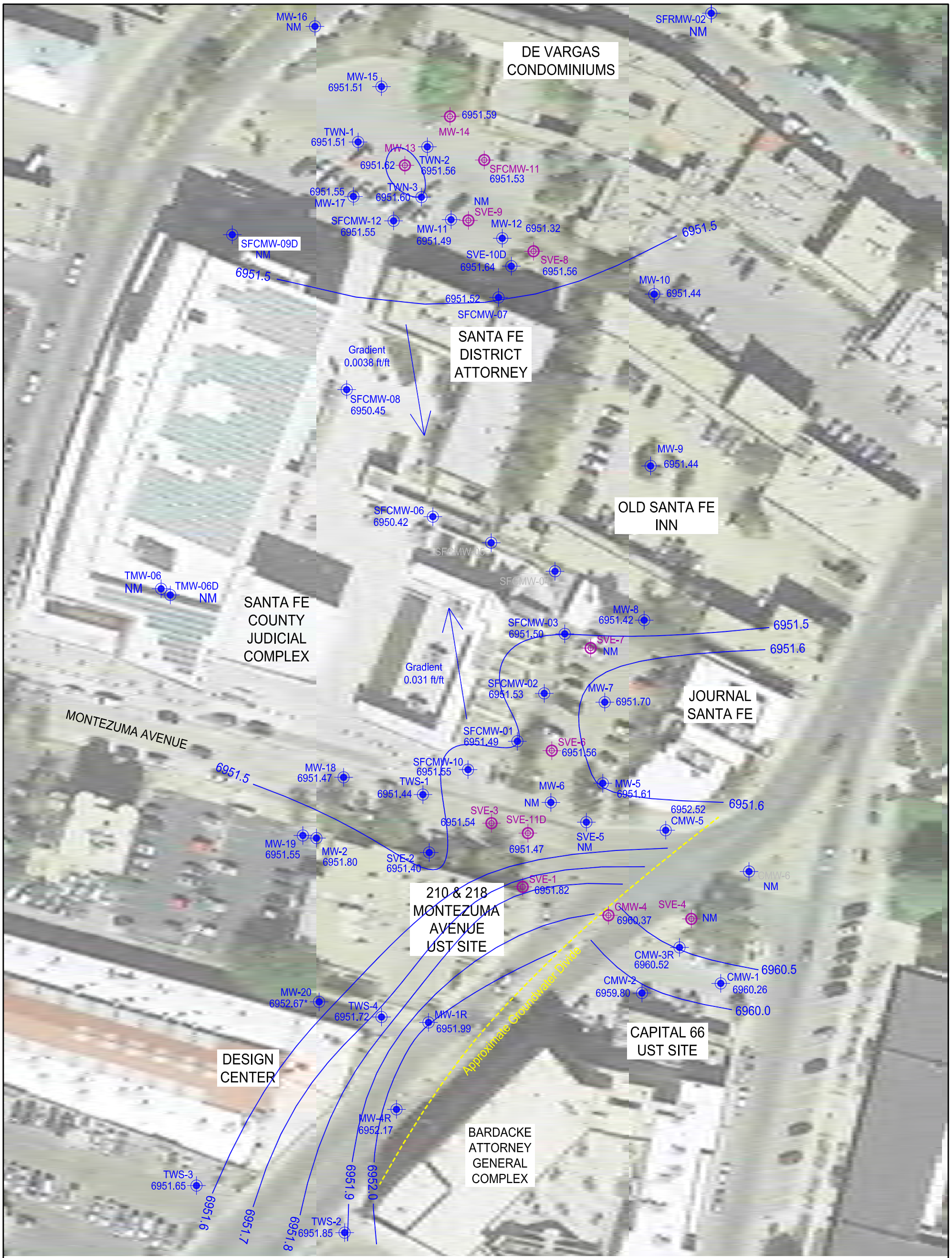
505-473-9211




## *LEGEND*

MONITORING WELL

SOIL VAPOR EXTRACTION WELL

6957.94 POTENTIOMTRIC SURFACE ELEVATION IN FEET ABOVE MEAN SEA LEVEL

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SCALE: 1"= 60 FT.

*POTENTIOMETRIC SURFACE ELEVATION – FEBRUARY 2018*
*SANTA FE COUNTY JUDICIAL COMPLEX STATE LEAD SITE*
*SANTA FE, NEW MEXICO*

*FIGURE 2*

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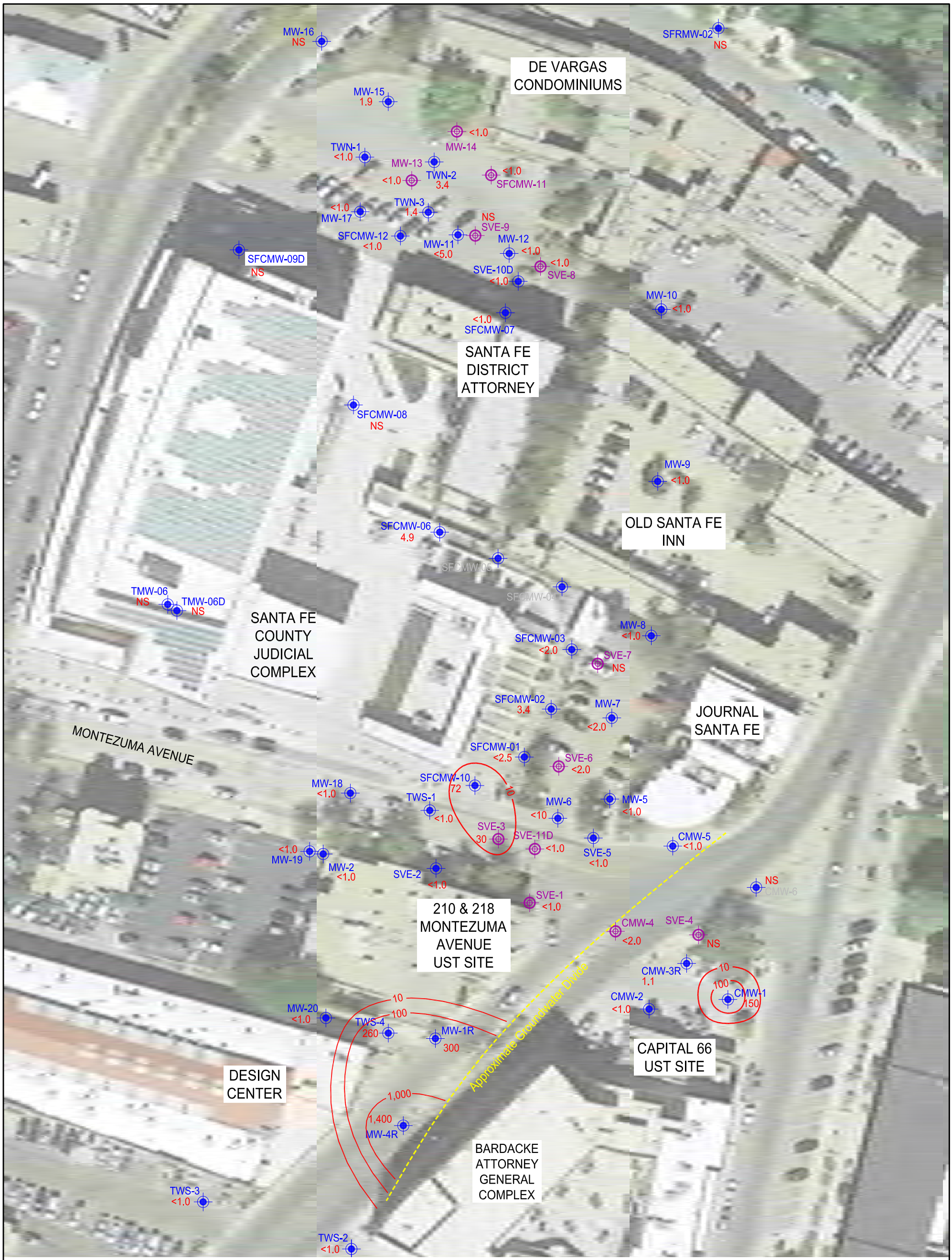


## LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 10 — DISSOLVED PHASE BENZENE CONCENTRATION (ug/L)
- NS — NOT SAMPLED
- —10— DISSOLVED PHASE BENZENE CONCENTRATION CONTOUR (ug/L)

N

0 30 60

SCALE: 1"= 60 FT.

*DISSOLVED PHASE BENZENE CONCENTRATIONS – FEBRUARY 2018*
*SANTA FE COUNTY JUDICIAL COMPLEX STATE LEAD SITE*
*SANTA FE, NEW MEXICO*

*FIGURE 3A*

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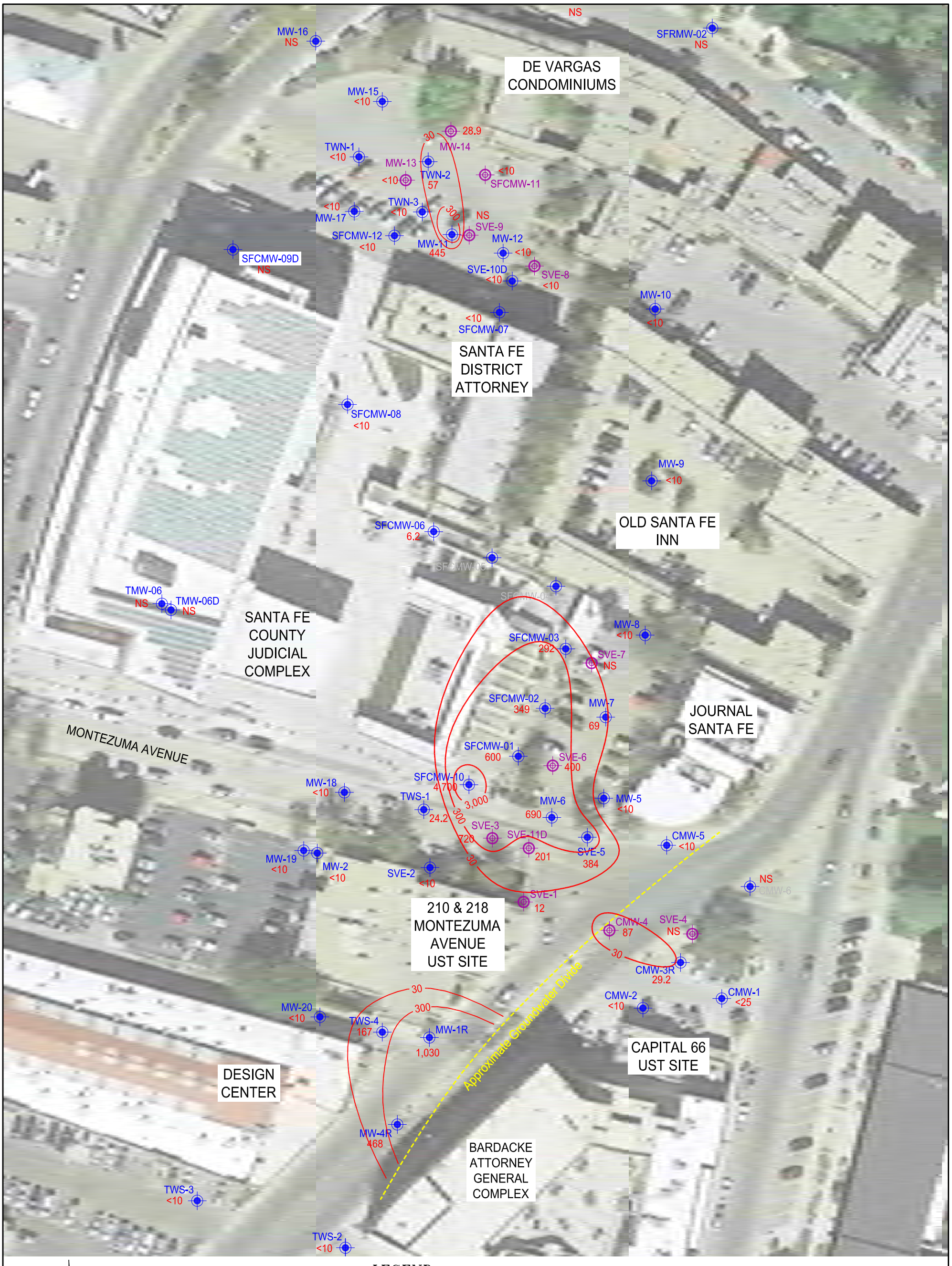


## LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 147 — DISSOLVED PHASE TOTAL NAPHTHALENES CONCENTRATION (ug/L)
- NS — NOT SAMPLED
- —30— DISSOLVED PHASE TOTAL NAPHTHALENES CONCENTRATION CONTOUR (ug/L)

N

0 30 60

SCALE: 1"= 60 FT.

*DISSOLVED PHASE TOTAL NAPHTHALENES CONCENTRATIONS – FEBRUARY 2018*
*SANTA FE COUNTY JUDICIAL COMPLEX STATE LEAD SITE*
*SANTA FE, NEW MEXICO*

*FIGURE 3B*

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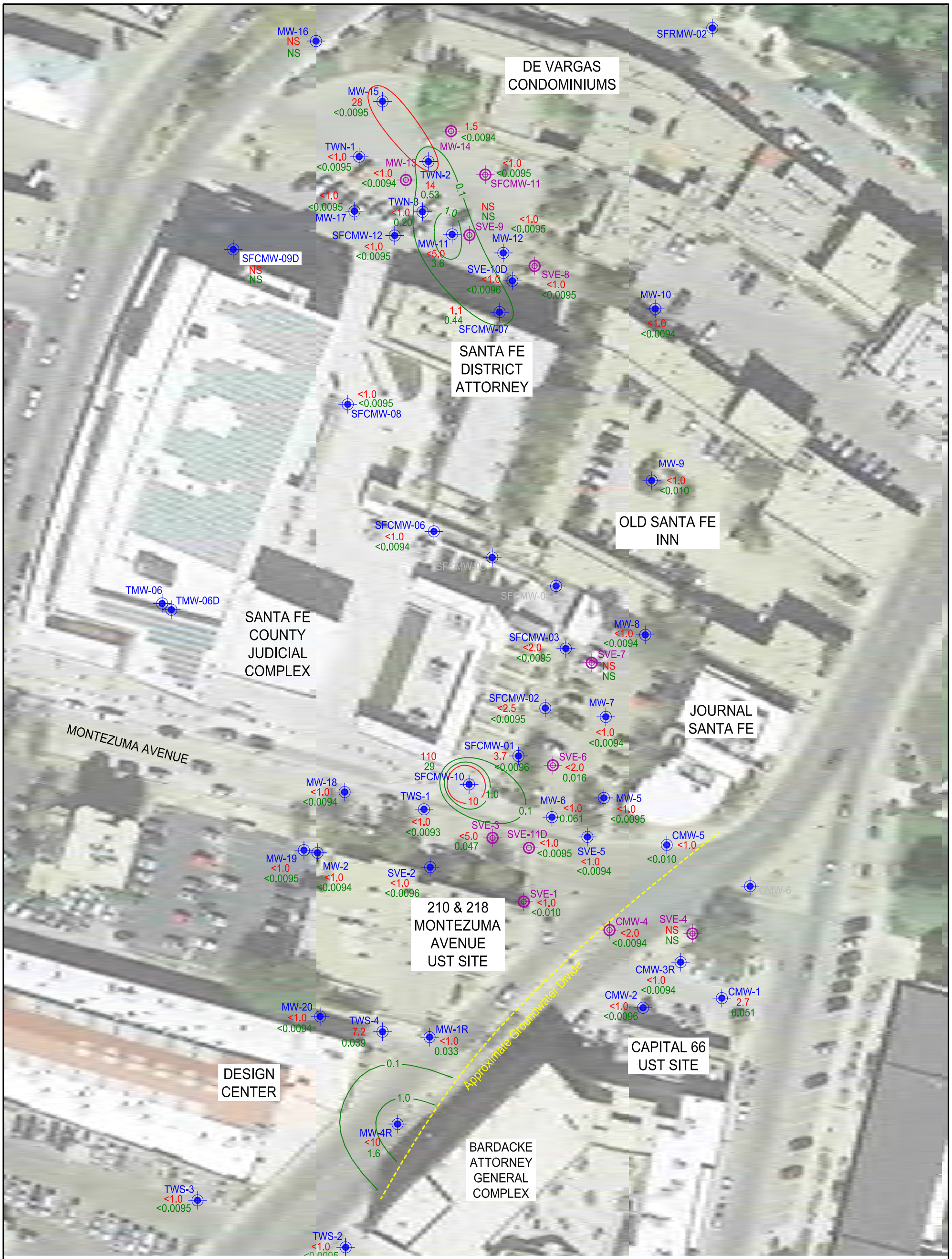


N

0 30 60

SCALE: 1"= 60 FT.

## LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 110 — DISSOLVED PHASE 1,2-DICHLOROETHANE (EDC) CONCENTRATION (ug/L)
- 29 — DISSOLVED PHASE 1,2-DIBROMOETHANE (EDB) CONCENTRATION (ug/L)
- NS — NOT SAMPLED
- 10 — DISSOLVED PHASE EDC CONCENTRATION CONTOUR (ug/L)
- 0.1 — DISSOLVED PHASE EDB CONCENTRATION CONTOUR (ug/L)

*DISSOLVED PHASE EDB AND EDC CONCENTRATIONS – FEBRUARY 2018*
*SANTA FE COUNTY JUDICIAL COMPLEX STATE LEAD SITE*
*SANTA FE, NEW MEXICO*

*FIGURE 3C*

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Figure 4a. CMW-1 Hydrograph

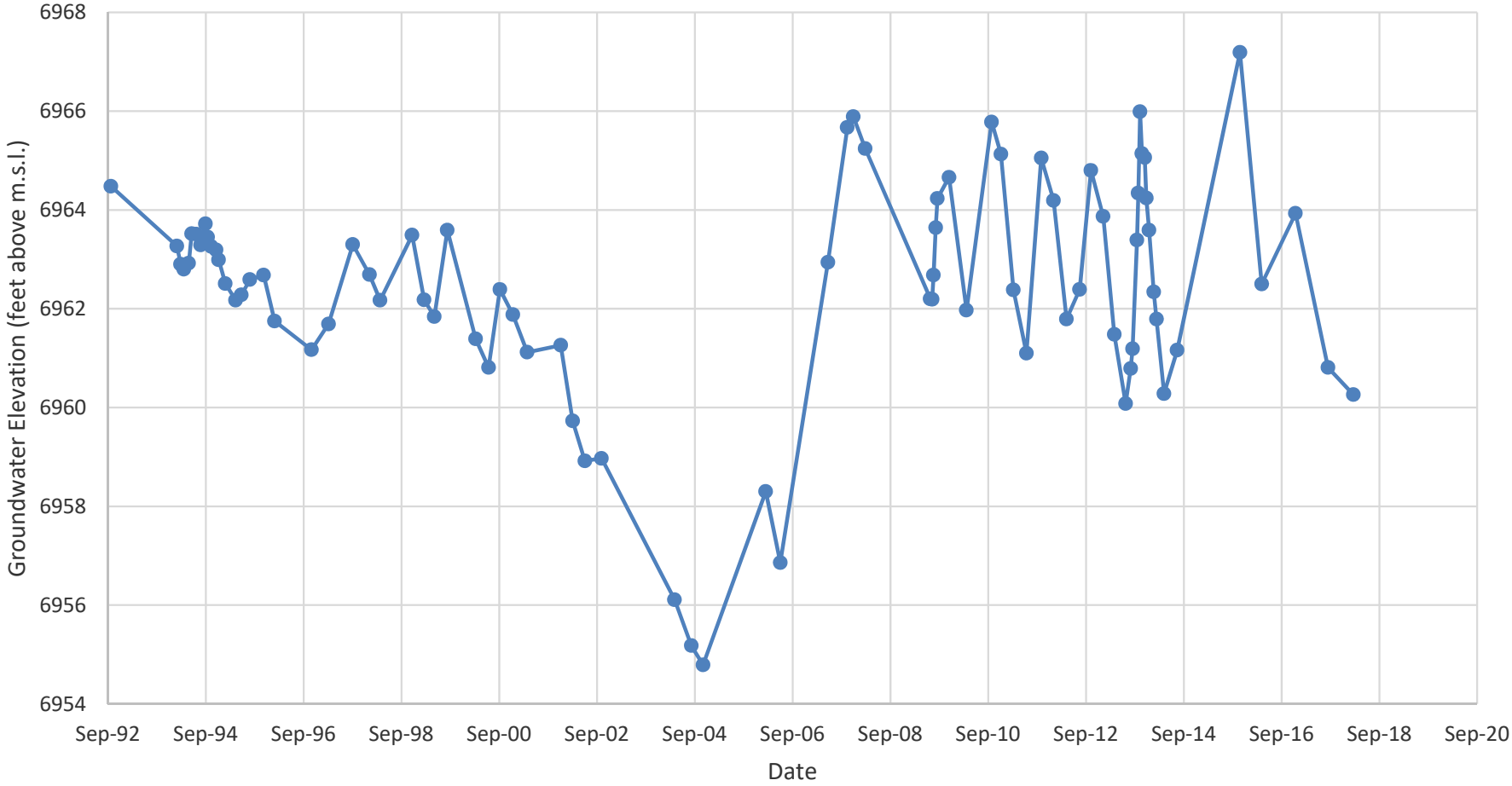


Figure 4b. MW-7 Hydrograph

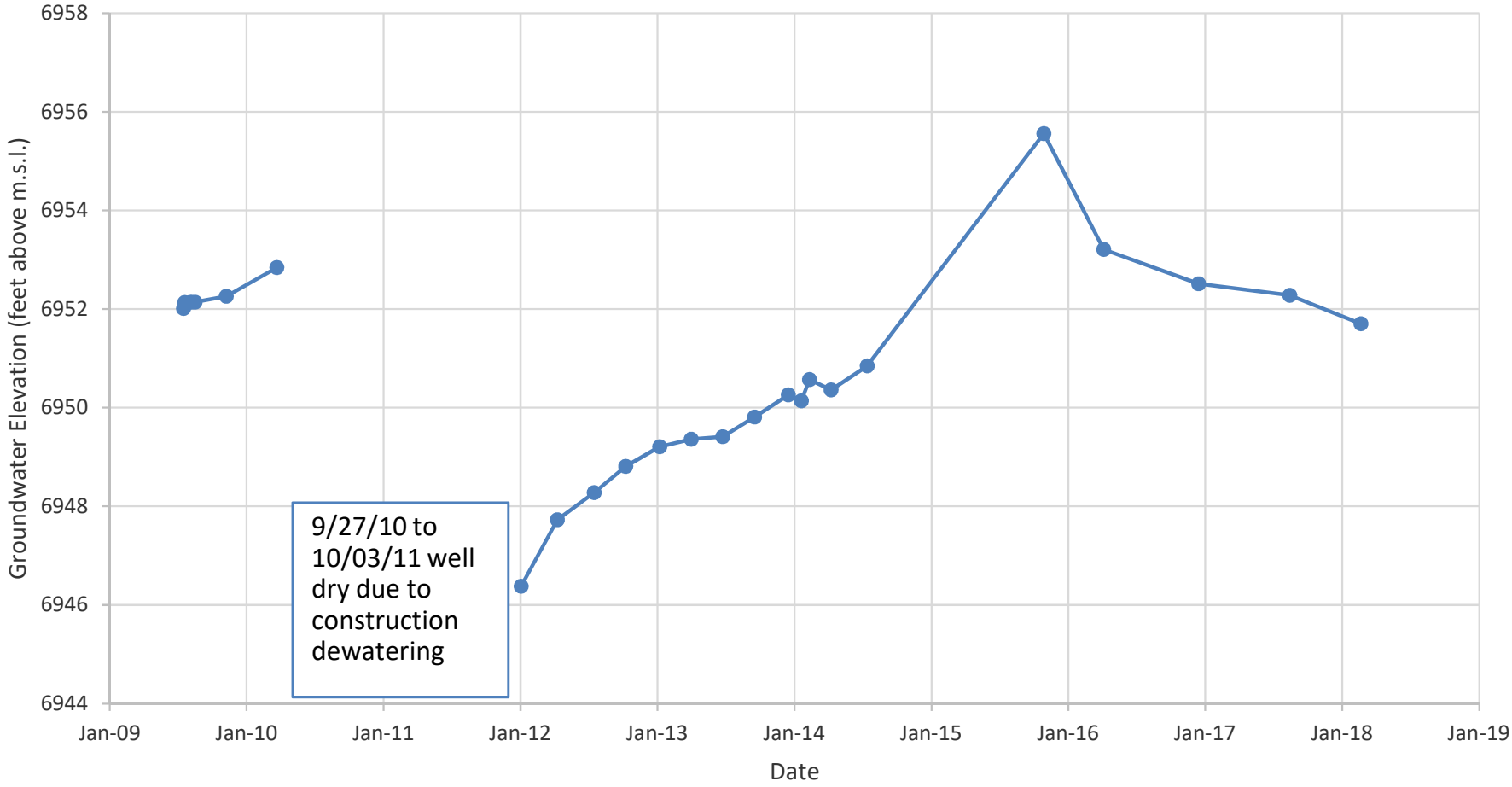


Figure 4c. MW-3/SVE-1 Hydrograph

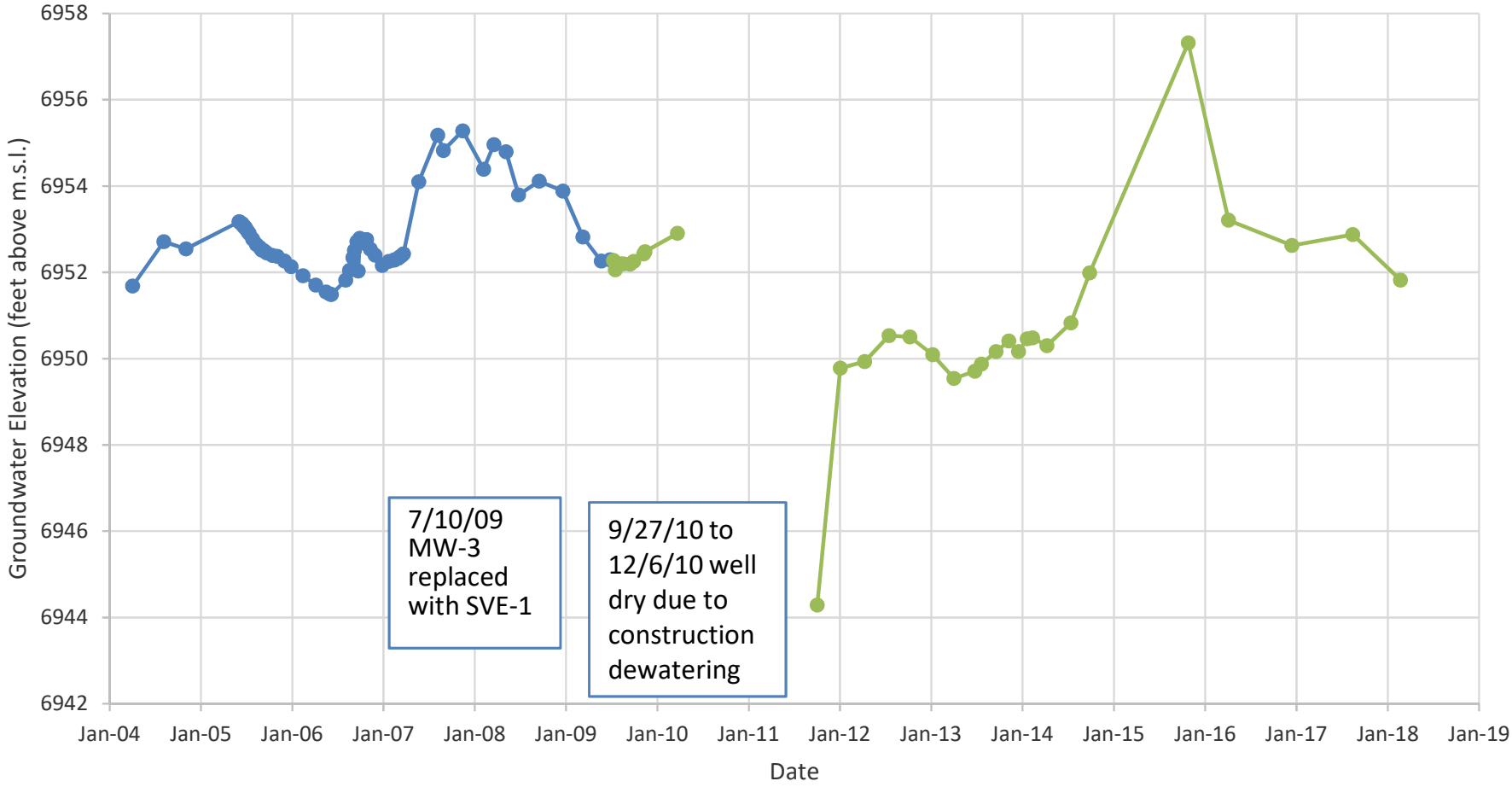


Figure 4d. MW-11 Hydrograph

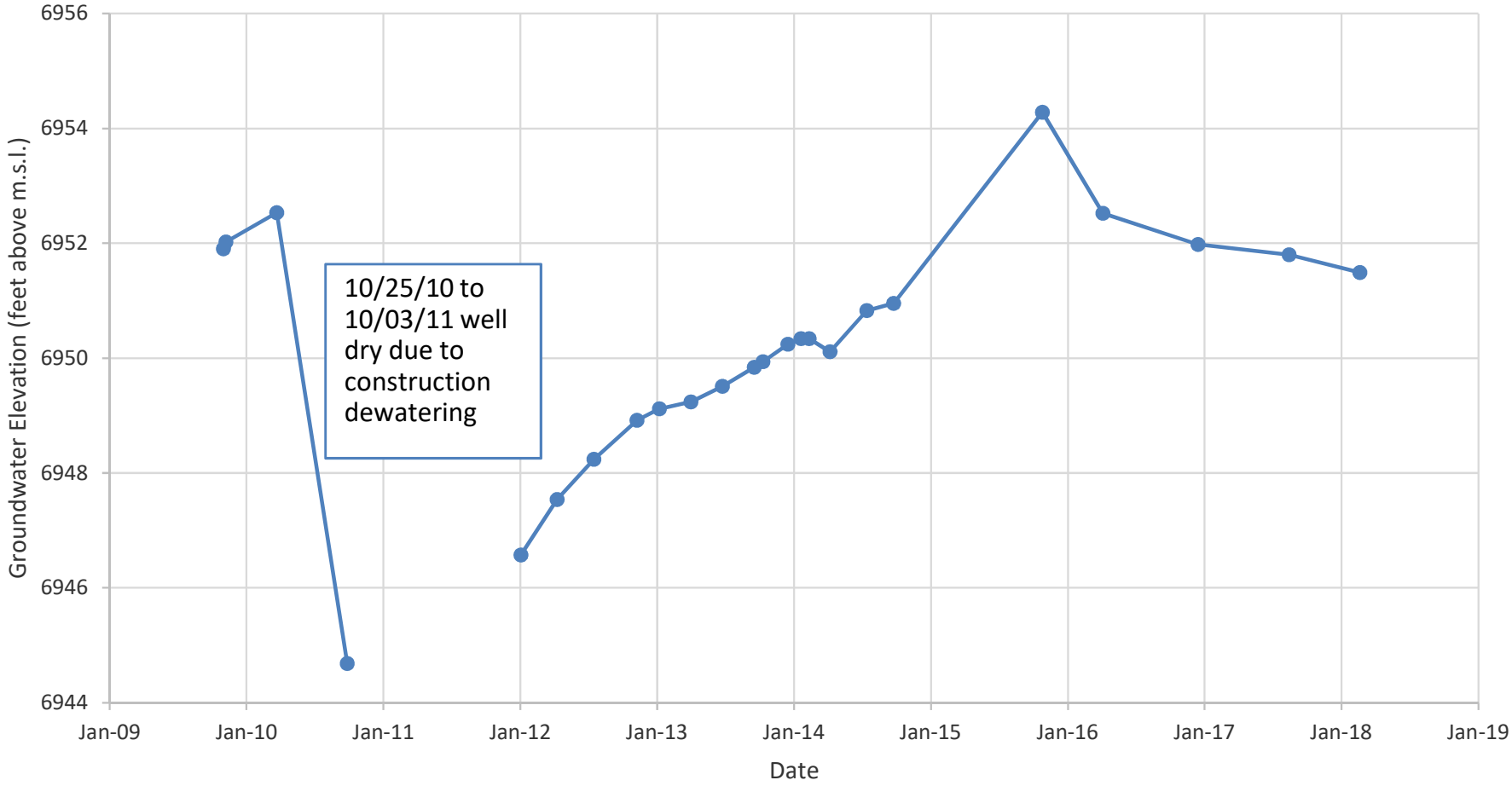


Figure 5a. SFCMW-10 Contaminant Concentration & Groundwater Elevation

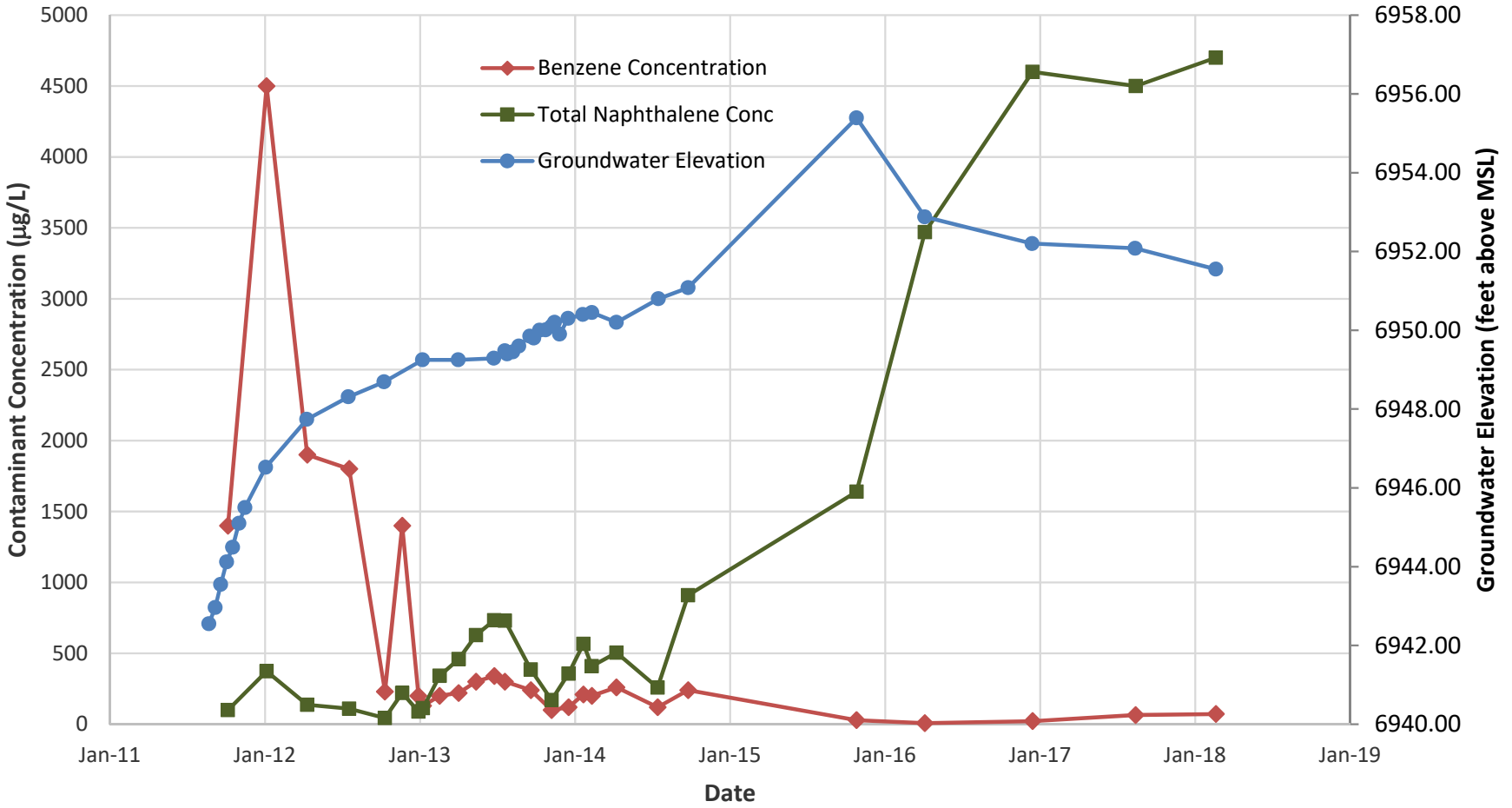
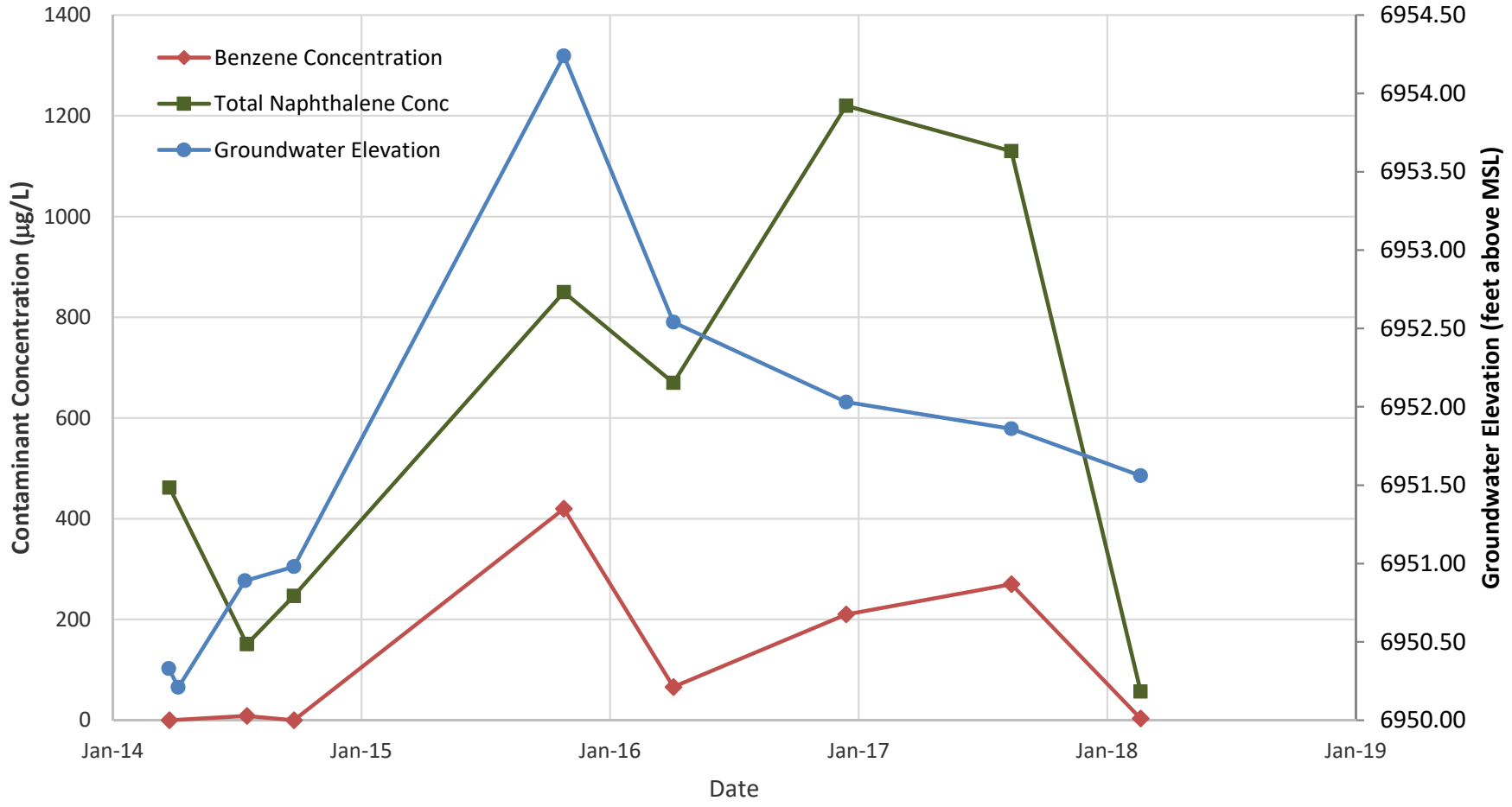


Figure 5b. TWN-2 Contaminant Concentration & Groundwater Elevation



# Tables

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| CMW-1 | 10/05/02 [g] | **230** | 22 | 4.1 | 20.4 | 276.5 | <1.0 | <1.0 [h] | 1.7 | 14 |
| | 08/06/04 | **280** | 73 | 10 | 41 | 404 | <1.0 | 0.075 [d] | 3.1 | 2.1 |
| | 11/02/04 | 9.8 | 1.9 | <1.0 | 4.9 | 16.6 | <1.0 | <0.01 [d] | <1.0 | 2.9 |
| | 02/13/06 | **92** | 7.3 | 2.4 | 19 | 120.7 | <1.0 | **0.18** [d] | 5.0 | 5.5 |
| | 06/02/06 | **360** | 4.5 | <1.0 | <3.0 | 364.5 | <1.5 | **0.27** [d] | 4.5 | 8.0 |
| | 03/24/10 | **60** | <1.0 | <1.0 | 5.0 | 65.0 | <1.0 | **0.29** [d] | 1.0 | 7.2 |
| | 09/27/10 | **270** | 13 | <1.0 | 140 | 423 | <1.0 | **2.3** [d] | <1.0 | **72** |
| | 12/06/10 | **180** | 17 | <1.0 | 180 | 377 | <1.0 | **1.3** [d] | <1.0 | **132** |
| | 03/10/11 | **190** | 5.0 | <1.0 | 29 | 224 | <1.0 | **0.54** [d] | <1.0 | **87** |
| | 06/16/11 | **58** | <1.0 | <1.0 | <1.5 | 58 | <1.0 | **0.19** [d] | 2.9 | 4.2 |
| | 10/05/11 | **49** | 1.3 | <1.0 | 9.2 | 59.5 | <1.0 | **0.40** [d] | <1.0 | 5.5 |
| | 01/06/12 | **77** | 3.0 | <1.0 | 16 | 96.0 | <1.0 | **0.53** [d] | <1.0 | **60** |
| | 04/10/12 | **40** | <1.0 | <1.0 | <1.5 | 40 | <1.0 | **0.18** [d] | 1.5 | <10 |
| | 07/19/12 | **11** | <1.0 | <1.0 | <1.5 | 11 | <1.0 | 0.069 [d] | <1.0 | <10 |
| | 10/09/12 | **13** | <1.0 | <1.0 | <1.5 | 13 | <1.0 | 0.08 [d] | <1.0 | <10 |
| | 01/10/13 | **24** | <1.0 | <1.0 | <1.5 | 24 | <1.0 | **0.15** [d] | <1.0 | 3.1 |
| | 04/03/13 | 8.7 | <1.0 | <1.0 | <1.5 | 8.7 | <1.0 | 0.055 | <1.0 | <10 |
| | 06/24/13 | 3.4 | <1.0 | <1.0 | <1.5 | 3.4 | <1.0 | 0.029 | <1.0 | <10 |
| | 09/17/13 | **11** | <1.0 | <1.0 | <1.5 | 11 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/16/13 | **180** | 1.9 | <1.0 | 16 | 197.9 | <1.0 | **0.89** [d] | <1.0 | **42** |
| | 01/20/14 | **93** | <1.0 | <1.0 | <1.5 | 93 | <1.0 | **0.29** [d] | <1.0 | <10 |
| | 02/11/14 | **37** | <1.0 | <1.0 | <1.5 | 37 | <1.0 | **0.22** [d] | <1.0 | <10 |
| | 04/07/14 | **14** | <1.0 | <1.0 | <1.5 | 14 | <1.0 | 0.073 [d] | <1.0 | <10 |
| | 07/14/14 | **17** | <1.0 | <1.0 | <1.5 | 17 | <1.0 | **0.12** [d] | <1.0 | <10 |
| | 10/26/15 | **150** | 10 | 1.1 | 91 | 252 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/06/16 | **100** | <1.0 | <1.0 | <1.5 | 100 | <1.0 | <1.0 [h] | <1.0 | 10.1 |
| | 12/14/16 | **170** | 4.6 | 2.0 | 89 | 266 | <1.0 | **0.39** [d] | <1.0 | **197** |
| | 08/14/17 | **120** | <5.0 | 5.7 | 22 | 148 | <5.0 | <0.0094 [d] | <5.0 | **<50** |
| | 02/20/18 | **150** | <2.5 | 4.9 | <3.8 | 155 | <2.5 | 0.051 [d] | 2.7 | <25 |
| CMW-2 | 10/05/02 [g] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 08/06/04 | 3.8 | <1.0 | <1.0 | 2.0 | 5.8 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 11/02/04 | **430** | 71 | 10 | 48 | 559 | <1.0 | <0.010 [d] | 3.3 | <10 |
| | 02/13/06 | 1.1 | <1.0 | <1.0 | <1.0 | 1.1 | <1.0 | <0.010 [d] | 1.8 | <10 |
| | 06/02/06 | <1.0 | <1.0 | <1.0 | <3.0 | <6.0 | <1.5 | <0.010 [d] | 1.2 | <10 |
| | 03/24/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.2 | <10 |
| | 09/27/10 | 4.0 | <1.0 | <1.0 | <1.5 | 4.0 | <1.0 | <0.010 [d] | 1.8 | <10 |
| | 12/06/10 | 4.7 | <1.0 | <1.0 | <1.5 | 4.7 | <1.0 | <0.010 [d] | 1.1 | <10 |
| | 03/10/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.1 | <10 |
| | 06/16/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.2 | <10 |
| | 10/05/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/05/12 | 8.1 | 2.3 | 1.3 | 10 | 21.7 | <1.0 | <0.010 [d] | <1.0 | 9.7 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/19/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/09/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/10/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/24/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/17/13 | 2.1 | <1.0 | <1.0 | <1.5 | 2.1 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/16/13 | 3.3 | <1.0 | <1.0 | <1.5 | 3.3 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/20/14 | 1.3 | <1.0 | <1.0 | <1.5 | 1.3 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/07/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/14/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0096 [d] | <1.0 | <10 |
| CMW-3 | 10/05/02 [g] | **2,700** | **14,000** | **1,800** | **14,200** | 32,700 | <1.0 | **13** [d] | <1.0 | **2,170** |
| | 08/06/04 | Insufficient water to sample | | | | | | | | |
| | 11/02/04 | Insufficient water to sample | | | | | | | | |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| CMW-3R | 02/13/06 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 06/02/06 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 03/25/10 | <5.0 | 66 | 53 | **1,200** | 1,319 | <5.0 | 0.055 [d] | <5.0 | **163** |
| | 09/27/10 | <5.0 | 15 | 6.3 | **760** | 781.3 | <5.0 | <0.010 [d] | <5.0 | **160** |
| | 12/06/10 | <1.0 | <1.0 | <1.0 | 57 | 57 | <1.0 | <0.010 [d] | <1.0 | 13 |
| | 03/10/11 | <1.0 | 1.9 | 1.0 | 84 | 86.9 | <1.0 | <0.010 [d] | <1.0 | 22.4 |
| | 06/16/11 | <1.0 | 1.8 | <1.0 | 71 | 72.8 | <1.0 | <0.010 [d] | <1.0 | **38.4** |
| | 10/05/11 | <1.0 | 5.0 | 2.9 | 320 | 327.9 | <1.0 | <0.010 [d] | <1.0 | **70** |
| | 01/06/12 | <1.0 | 5.6 | 3.8 | 320 | 329.4 | <1.0 | <0.010 [d] | <1.0 | **122** |
| | 04/10/12 | <1.0 | 56 | 29 | **1,600** | 1,685 | <10 | <0.010 [d] | <10 [h] | **336** |
| | 07/19/12 | <10 [h] | 12 | <10 | 270 | 282 | <10 | <0.010 [d] | <10 [h] | **31** |
| | 10/09/12 | <10 [h] | 16 | <10 | **920** | 936 | <10 | <0.010 [d] | <10 [h] | **149** |
| | 01/10/13 | <5.0 | 29 | 16 | **1,800** | 1,845 | <5.0 | <0.010 [d] | <5.0 | **385** |
| | 04/03/13 | <10 [h] | 10 | <10 | 560 | 570 | <10 | <0.010 [d] | <10 [h] | **222** |
| | 05/13/13 | <1.0 | 30 | 6.3 | 250 | 286 | <1.0 | <1.0 [h] | <1.0 | **106** |
| | 06/24/13 | <1.0 | 180 | 56 | **910** | 1,146 | <10 | <0.010 [d] | <10 [h] | **277** |
| | 07/20/13 | 9.3 | 300 | 66 | **1,100** | 1,475.3 | <1.0 | <1.0 [h] | <1.0 | **243** |
| | 09/17/13 | <5.0 | 13 | <5.0 | 370 | 383 | <5.0 | <5.0 [h] | <5.0 | **117** |
| | 11/07/13 | <5.0 | <5.0 | <5.0 | 140 | 140 | <5.0 | <5.0 [h] | <5.0 | **41** |
| | 12/16/13 | <10 [h] | 16 | <10 | **790** | 806 | <10 | <0.010 [d] | <10 [h] | **239** |
| | 01/20/14 | <5.0 | 12 | <5.0 | 360 | 372 | <5.0 | <0.010 [d] | <5.0 | **178** |
| | 02/11/14 | <5.0 | 16 | <5.0 | 570 | 586 | <5.0 | <0.010 [d] | <5.0 | **193** |
| | 04/07/14 | <5.0 | 24 | <5.0 | 320 | 344 | <5.0 | <0.010 [d] | <5.0 | **111** |
| | 07/14/14 | 1.4 | 54 | 7.9 | 520 | 583 | <1.0 | <0.010 [d] | <1.0 | **116** |
| | 10/26/15 | <1.0 | <1.0 | <1.0 | 55 | 55 | <1.0 | <1.0 [h] | <1.0 | **140** |
| | 04/06/16 | <1.0 | 4.4 | 3.6 | 230 | 238 | <1.0 | <1.0 [h] | <1.0 | **158** |
| | 12/14/16 | <5.0 | 5.2 | 5.6 | **920** | 931 | <5.0 | <0.010 [d] | <5.0 | **670** |
| | 08/14/17 | <10 [h] | 140 | 57 | **1,800** | 1,997 | <10 | <0.0093 [d] | <10 [h] | **710** |
| | 02/20/18 | 1.1 | 9.8 | 3.1 | 50 | 64 | <1.0 | <0.0094 [d] | <1.0 | 29.2 |
| CMW-4 | 03/26/10 | **29** | 700 | **1,000** | **3,400** | 5,129 | <20 | <0.010 [d] | <20 [h] | **670** |
| | 09/27/10 | **22** | 310 | **860** | **2,600** | 3,792 | <20 | <0.010 [d] | <20 [h] | **730** |
| | 12/07/10 | 7.6 | 210 | 600 | **1,900** | 2,718 | <5.0 | <0.010 [d] | <5.0 | **530** |
| | 03/11/11 | **18** | 640 | 580 | **2,400** | 3,638 | <1.0 | <0.010 [d] | <1.0 | **470** |
| | 06/15/11 | **23** | 430 | 450 | **1,600** | 2,503 | <2.0 | <0.010 [d] | <2.0 | **393** |
| | 10/05/11 | **17** | 330 | 260 | **1,200** | 1,807 | <10 | <0.010 [d] | <10 [h] | 28 |
| | 01/05/12 | <10 | 200 | 440 | **660** | 1,300 | <10 | <0.010 [d] | <10 [h] | **373** |
| | 04/11/12 | **19** | 380 | 500 | **1,300** | 2,199 | <10 | <0.010 [d] | <10 [h] | **260** |
| | 07/19/12 | **28** | 580 | **900** | **2,300** | 3,808 | <10 | <0.010 [d] | <10 [h] | **493** |
| | 10/10/12 | **17** | 460 | **750** | **1,700** | 2,927 | <10 | <0.010 [d] | <10 [h] | **404** |
| | 01/09/13 | <25 [h] | 260 | 550 | **1,100** | 1,910 | <50 | <0.010 [d] | <50 [h] | **140** |
| | 10/26/13 | Hydrogen peroxide in this well (25 gallons) | | | | | | | | |
| | 11/07/13 | <5.0 | <5.0 | 7.1 | 28 | 35.1 | <5.0 | <5.0 [h] | <5.0 | <50 [h] |
| | 11/09/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 12/18/13 | <5.0 | 79 | 200 | 580 | 859 | <5.0 | 0.035 [d] | <5.0 | **146** |
| | 01/22/14 | <5.0 | 120 | 250 | **660** | 1,030 | <5.0 | <0.010 [d] | <5.0 | **229** |
| | 02/12/14 | 6.7 | 170 | 290 | **820** | 1,286.7 | <5.0 | <0.010 [d] | <5.0 | **188** |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/09/14 | **10** | 370 | 390 | **1,400** | 2,170 | <5.0 | <0.010 [d] | <5.0 | **188** |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/18/14 | **39** | **1,200** | **800** | **2,600** | 4,639 | <5.0 | <0.010 [d] | 9.9 | **343** |
| | 09/25/14 | **11** | 470 | 430 | **1,500** | 2,411 | <10 | <0.010 [d] | <10 [h] | **338** |
| | 10/27/15 | <1.0 | <1.0 | 11 | 9.4 | 20 | <1.0 | <1.0 [h] | <1.0 | 24.9 |
| | 04/04/16 | 4.9 | 200 | 290 | **730** | 1,225 | <1.0 | <1.0 [h] | 2.8 | **201** |
| | 12/14/16 | <1.0 | 18 | 52 | 130 | 200 | <1.0 | <0.010 [d] | <1.0 | **54.3** |
| | 08/14/17 | <2.0 | <2.0 | 2.7 | 5.3 | 8.0 | <2.0 | <0.0094 [d] | <2.0 | 5.0 |
| | 02/20/18 | <2.0 | 24 | 160 | 220 | 404 | <2.0 | <0.0095 [d] | <2.0 | **87** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| CMW-5 | 03/24/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.010 [d] | **12** | <10 |
| | 09/27/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 7.5 | <10 |
| | 12/06/10 | <1.0 | 1.8 | <1.0 | 3.9 | 5.7 | <1.0 | <0.010 [d] | 5.8 | <10 |
| | 03/11/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 4.6 | <10 |
| | 06/16/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 5.3 | <10 |
| | 10/05/11 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | 4.3 | <20 |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 4.6 | <10 |
| | 04/11/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 3.2 | <10 |
| | 07/18/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 3.3 | <10 |
| | 10/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.1 | <10 |
| | 01/09/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.5 | <10 |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.7 | <10 |
| | 06/26/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.4 | <10 |
| | 09/19/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | 2.4 | <10 |
| | 12/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.2 | <10 |
| | 01/20/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.1 | <10 |
| | 02/12/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.2 | <10 |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.9 | <10 |
| | 07/14/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.9 | <10 |
| | 12/16/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| CMW-6 | 03/24/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/06/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/11/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/15/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/05/11 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/11/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/19/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/10/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | Well destroyed | | | | | | | | |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
|---|---|---|---|---|---|---|---|---|---|---|
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-1R | 04/03/04 | **13,000** | **18,000** | 180 | **8,600** | 39,780 | <1.0 | **34** [d] | **21** | **409** [e] |
| | 08/06/04 | **6,800** | **6,800** | 370 | **3,600** | 17,570 | <10 | **20** [d] | **32** | **627** |
| | 11/02/04 | **12,000** | **8,600** | 540 | **6,100** | 27,240 | <100 [h] | **9.6** [d] | <100 [h] | **340** |
| | 02/13/06 | **15,000** | **22,000** | **2,300** | **9,900** | 49,200 | <500 [h] | **37** [d] | <500 [h] | <2,000 [h] |
| | 06/02/06 | **8,500** | **13,000** | **1,600** | **5,800** | 28,900 | <750 [h] | **24** [d] | <500 [h] | <2,000 [h] |
| | 02/16/07 | **9,800** | **19,000** | **1,400** | **7,700** | 37,900 | <250 [h] | **74** [d] | <250 [h] | **510** |
| | 05/23/07 | **13,000** | **23,000** | **1,900** | **9,600** | 47,500 | <100 [h] | **71** [d] | <100 [h] | **440** |
| | 08/29/07 | **7,400** | **16,000** | 710 | **7,200** | 31,310 | <20 | **53** [d] | <20 [h] | **520** |
| | 11/15/07 | **8,300** | **21,000** | **1,300** | **8,700** | 39,300 | <20 | **24** [d] | <20 [h] | **700** |
| | 09/15/08 | **2,600** | **18,000** | **2,500** | **12,000** | 35,100 | <100 h | **7.9** [d] | <100 h | **550** |
| | 12/19/08 | **2,000** | **23,000** | **3,100** | **13,000** | 41,100 | <50 | **7.0** [d] | <50 [h] | **600** |
| | 03/09/09 | **1,300** | **25,000** | **2,400** | **12,000** | 40,700 | <50 | **4.5** [d] | <50 [h] | **470** |
| | 05/22/09 | **1,700** | **25,000** | **2,400** | **12,000** | 41,100 | <100 [h] | **3.3** [d] | <100 [h] | **510** |
| | 07/18/09 | **2,300** | **25,000** | **2,300** | **11,000** | 40,600 | <50 | **2.7** [d] | <50 [h] | **540** |
| | 03/25/10 | **3,100** | **17,000** | **1,400** | **9,300** | 30,800 | <50 | **2.3** [d] | <50 [h] | **450** |
| | 09/27/10 through 04/09/12 | Insufficient water to sample | | | | | | | | |
| | 07/19/12 | **360** | 550 | 32 | 300 | 1,242 | <20 | **2.8** [d] | <20 [h] | **860** |
| | 10/11/12 | **2,500** | **4,500** | 220 | **2,100** | 9,320 | <20 | **13** [d] | <20 [h] | **2,030** |
| | 01/09/13 | **230** | 440 | 45 | 550 | 1,265 | <5.0 | **0.50** [d] | <5.0 | **485** |
| | 04/04/13 | **3,600** | **9,500** | **950** | **5,500** | 19,550 | <50 | **2.0** [d] | <50 [h] | **540** |
| | 06/24/13 | **2,700** | **9,200** | 650 | **5,100** | 17,650 | <50 | **2.2** [d] | <50 [h] | **720** |
| | 09/19/13 | **480** | **990** | 140 | **1,500** | 3,110 | <5.0 | <5.0 [h] | <5.0 | **468** |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/11/13 | **95** | 190 | 8 | 280 | 573.2 | <5.0 | <5.0 [h] | <5.0 | **324** |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 12/18/13 | **310** | 680 | 31 | 610 | 1,631 | <5.0 | **1.9** [d] | <5.0 | **1,010** |
| | 01/22/14 | **980** | **2,100** | 130 | **1,800** | 5,010 | <5.0 | **2.6** [d] | <5.0 | **1,630** |
| | 02/12/14 | **1,100** | **2,700** | 180 | **2,500** | 6,480 | <5.0 | **4.3** [d] | <5.0 | **1,710** |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/09/14 | **16** | 28 | 7.5 | 120 | 171.5 | <5.0 | **0.32** [d] | <5.0 | **264** |
| | 05/17/14 | Hydrogen peroxide in this well (17 gallons) | | | | | | | | |
| | 07/15/14 | 9.6 | 13 | <5.0 | 56 | 78.6 | <5.0 | **0.41** [d] | <5.0 | **102** |
| | 09/24/14 | **1,900** | **4,500** | 310 | **4,700** | 11,410 | <5.0 | **4.4** [d] | <5.0 | **2,420** |
| | 10/27/15 | **240** | **5,300** | **2,700** | **18,000** | 26,240 | <50 [h] | <50 [h] | <50 [h] | **1,170** |
| | 04/05/16 | **140** | 81 | **1,700** | **6,600** | 8,521 | <50 [h] | <50 [h] | <50 [h] | **480** |
| | 12/14/16 | **99** | 340 | **1,100** | **7,400** | 8,939 | <20 | <0.010 [d] | <20 [h] | **713** |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0092 [d] | <1.0 | <10.0 |
| | 02/20/18 | **300** | **2,300** | **1,200** | **12,000** | 15,800 | <10 | 0.033 | <10 | **1,030** |
| MW-2 | 02/07/99 [f] | <1.0 | <1.0 | <1.0 | <3.0 | <6.0 | NA | NA | NA | NA |
| | 09/23/03 | <1.0 | <1.0 | <1.0 | <1.0 | <4.0 | 1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/03/04 | <1.0 | 1.6 | <1.0 | <1.0 | 1.6 | 1.0 | <0.010 [d] | 1.0 | <2.5 [e] |
| | 08/06/04 | 1.2 | 1.8 | <1.0 | 2.1 | 5.1 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 11/02/04 | <1.0 | 1.4 | <1.0 | <1.0 | 1.4 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/13/06 | <1.0 | <1.0 | <1.0 | <1.0 | <4.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/02/06 | <1.0 | <1.0 | <1.0 | <3.0 | <6.0 | <1.5 | <0.010 [d] | <1.0 | <10 |
| | 02/16/07 | <1.0 | <1.0 | <1.0 | <3.0 | <6.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 05/23/07 | <1.0 | 5.7 | 1.8 | 8.8 | 16.3 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/29/07 | <1.0 | <1.0 | <1.0 | 2.7 | 2.7 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 11/15/07 | <1.0 | 1.8 | 1.5 | 5.7 | 9.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/15/08 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 2.3 | <0.010 [d] | 2.4 | <10 |
| | 12/19/08 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 2.4 | <0.010 [d] | 1.9 | <10 |
| | 03/09/09 | <1.0 | <1.0 | <1.0 | 1.6 | 1.6 | 1.5 | <0.010 [d] | 1.9 | <10 |
| | 05/22/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 4.8 | <0.010 [d] | 4.4 | <10 |
| | 07/17/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 4.5 | <0.010 [d] | 3.8 | <10 |
| | 03/26/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 through 01/03/12 | Insufficient water to sample | | | | | | | | |
| | 04/11/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-3 | 04/03/04 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 08/06/04 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 11/02/04 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 02/13/06 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 06/02/06 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 05/23/07 | **3,400** | **27,000** | **4,100** | **18,000** | 52,500 | <100 [h] | 0.039 | <100 [h] | **860** |
| | 08/29/07 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 11/15/07 | **2,000** | **18,000** | **4,700** | **22,000** | 46,700 | <20 | **0.41** [d] | <20 [h] | **1,460** |
| | 09/15/08 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/19/08 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 03/09/09 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 05/22/09 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 07/10/09 | Well replaced with SVE-1 | | | | | | | | |
| MW-4 | 02/13/06 | **1,600** | 220 | <10 | 360 | 2,180 | <10 | **6.0** [d] | **35** | <40 [h] |
| | 06/02/06 | 1.2 | <1.0 | <1.0 | <3.0 | 1.2 | <1.5 | 0.013 [d] | <1.0 | <10 |
| | 02/16/07 | 1.4 | 3.1 | <1.0 | <3.0 | 4.5 | <1.0 | 0.018 [d] | <1.0 | <10 |
| | 05/23/07 | **730** | 680 | 29 | 560 | 1,999 | <1.0 | **2.9** [d] | 2.1 | **43.7** |
| | 08/29/07 | **13** | 21 | 1.6 | 59 | 94.6 | <1.0 | 0.018 [d] | <1.0 | 20 |
| | 11/15/07 | **3,600** | **8,100** | **780** | **4,500** | 16,980 | <1.0 | **25** [d] | 4.7 | **569** |
| | 09/15/08 | **4,400** | **4,200** | 370 | **2,400** | 11,370 | <100 [h] | **26** [d] | <100 [h] | <400 [h] |
| | 12/19/08 | **3,700** | **3,800** | 310 | **2,100** | 9,910 | <100 [h] | **18** [d] | <100 [h] | <400 [h] |
| | 03/09/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.014 [d] | <1.0 | <10 |
| | 05/22/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/17/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/25/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 through 01/03/12 | Insufficient water to sample | | | | | | | | |
| | 04/11/12 | **8,100** | **37,000** | **3,400** | **21,000** | 69,500 | <100 [h] | **110** [d] | <100 [h] | **750** |
| | 07/19/12 | **7,500** | **33,000** | **3,000** | **19,000** | 62,500 | <100 [h] | **81** [d] | <100 [h] | **1,000** |
| | 10/11/12 | **6,600** | **37,000** | **3,400** | **20,000** | 67,000 | <100 [h] | **120** [d] | <100 [h] | **1,310** |
| | 01/09/13 | **5,400** | **33,000** | **3,100** | **20,000** | 61,500 | <500 [h] | **66** [d] | <500 [h] | <5,000 [h] |
| | 04/04/13 | **4,400** | **31,000** | **3,500** | **20,000** | 58,900 | <100 [h] | **44** [d] | <100 [h] | **1,290** |
| | 06/24/13 | **3,200** | **24,000** | **2,300** | **16,000** | 45,500 | <100 [h] | **28** [d] | <100 [h] | **720** |
| | 09/19/13 | **3,200** | **21,000** | **2,600** | **19,000** | 45,800 | <200 [h] | <200 [h] | <200 [h] | **970** |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/11/13 | <50 [h] | 4,700 | 2,000 | **16,000** | 22,700 | <50 | <50 [h] | <50 [h] | **1,520** |
| | 12/18/13 | <50 [h] | <50 | 84 | **3,400** | 3,484 | <50 | **2.5** [d] | <50 [h] | **170** |
| | 10/26/13 | Hydrogen peroxide in this well (25 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 01/22/14 | <10 [h] | 29 | 170 | **6,600** | 6,799 | <10 | **1.6** [d] | <10 [h] | **950** |
| | 02/12/14 | <50 [h] | <50 | 170 | **6,200** | 6,370 | <50 | **1.0** [d] | <50 [h] | **810** |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 06/24/14 | Well plugged and abandoned | | | | | | | | |
| MW-4R | 06/24/14 | **8,200** | **32,000** | **2,600** | **17,000** | 59,800 | <10 | **100** [d] | 24 | **1,090** |
| | 07/15/14 | **6,800** | **30,000** | **2,600** | **17,000** | 56,400 | <20 | **54** [d] | <20 [h] | **872** |
| | 09/24/14 | **6,800** | **27,000** | **2,300** | **17,000** | 53,100 | <50 | **74** [d] | <50 [h] | **1,220** |
| | 10/28/15 | **7,700** | **13,000** | **1,600** | **11,000** | 33,300 | <10 | **44** | <10 [h] | **910** |
| | 04/06/16 | **7,400** | **15,000** | **1,500** | **11,000** | 34,900 | <100 | <100 [h] | <10 [h] | **500** |
| | 12/14/16 | **610** | **1,400** | 300 | **2,100** | 4,410 | <100 | **1.3** [d] | <100 [h] | **<1000** |
| | 08/14/17 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.0094 [d] | <2.0 | **58** |
| | 02/21/18 | **1,400** | **9,100** | **860** | **6,000** | 17,360 | <10 | **1.6** [d] | <10 | **468** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
|---|---|---|---|---|---|---|---|---|---|---|
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-5 | 02/21/06 | **1,400** | 310 | **1,200** | **2,300** | 5,210 | <50 | 0.011 [d] | <50 [h] | **300** |
| | 06/02/06 | **1,600** | 260 | **1,700** | **2,200** | 5,760 | <30 | 0.020 [d] | **56** | **799** |
| | 02/16/07 | **1,600** | **1,100** | **1,900** | **4,700** | 9,300 | <20 | <0.010 [d] | <20 [h] | **670** |
| | 05/23/07 | **1,400** | **1,000** | **2,700** | **5,000** | 10,100 | <10 | **6.4** [d] | **11** | **841** |
| | 08/29/07 | **1,400** | **1,600** | **2,400** | **6,400** | 11,800 | <5.0 | 0.027 [d] | 7.7 | **979** |
| | 11/15/07 | **1,100** | **1,300** | **2,000** | **4,300** | 8,700 | <5.0 | 0.019 [d] | **11** | **886** |
| | 09/15/08 | **3,100** | **1,100** | **1,800** | **2,500** | 8,500 | <100 [h] | **0.26** [d] | <100 [h] | **640** |
| | 12/19/08 | **4,100** | **2,400** | **1,600** | **3,000** | 11,100 | <50 | **0.12** [d] | <50 [h] | **550** |
| | 03/09/09 | **7,300** | **5,300** | **1,600** | **4,600** | 18,800 | <50 | 0.061 [d] | **52** | **480** |
| | 05/22/09 | **7,100** | **6,200** | **1,600** | **4,800** | 19,700 | <50 | <0.010 [d] | **64** | **490** |
| | 07/18/09 | **6,000** | **5,300** | **1,500** | **4,500** | 17,300 | <20 | 0.070 [d] | **48** | **680** |
| | 03/24/10 | **6,700** | **4,400** | **1,800** | **4,900** | 17,800 | <20 | <0.010 [d] | **54** | **670** |
| | 09/27/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/05/11 | <10 [h] | <10 | 240 | **900** | 1,140 | <10 | <0.010 [d] | **19** | **421** |
| | 01/04/12 | **440** | <10 | <10 | <15 | 440 | 27 | <0.010 [d] | **360** | <100 [h] |
| | 04/11/12 | **13** | <2.0 | <2.0 | <3.0 | 13 | 25 | <0.010 [d] | **240** | <20 |
| | 07/17/12 | 3.2 | <1.0 | <1.0 | <1.5 | 3.2 | 23 | <0.010 [d] | **220** | <10 |
| | 10/10/12 | 5.4 | 1.5 | <1.0 | <1.5 | 6.9 | 26 | <0.010 [d] | **260** | <10 |
| | 01/09/13 | 7.7 | <1.0 | <1.0 | <1.5 | 7.7 | 16 | <0.010 [d] | **130** | <10 |
| | 04/03/13 | 2.4 | <1.0 | <1.0 | <1.5 | 2.4 | 8.5 | <0.010 [d] | **93** | <10 |
| | 06/24/13 | <10 [h] | <10 | <10 | <15 | <45 | <10 | <0.010 [d] | **100** | <100 [h] |
| | 09/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 17 | <1.0 [h] | **190** | <10 |
| | 10/26/14 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/19/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 2.9 | <0.010 [d] | **27** | <10 |
| | 01/22/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 2.7 | <0.010 [d] | **34** | <10 |
| | 02/12/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 3.0 | <0.010 [d] | **35** | <10 |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/09/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.021 [d] | 1.1 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/15/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 3.0 | <10 |
| | 10/28/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/16/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/15/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| | 02/22/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| MW-6 | 07/18/09 | **7,300** | **14,000** | **2,600** | **10,000** | 33,900 | <50 | **0.14** [d] | **82** | **930** |
| | 03/24/10 | **7,200** | **12,000** | **2,900** | **11,000** | 33,100 | <100 [h] | **0.20** [d] | <100 [h] | **660** |
| | 09/27/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/05/11 | <10 [h] | 16 | 74 | 410 | 500 | 15 | <0.010 [d] | **130** | **253** |
| | 01/04/12 | **1,500** | 26 | <10 | 43 | 1,569 | 54 | <0.010 [d] | **210** | **120** |
| | 04/10/12 | **2,200** | 13 | 3.0 | 29 | 2,245 | 43 | <0.010 [d] | **160** | **144** |
| | 07/17/12 | **1,300** | 12 | <10 | 21 | 1,333 | 43 | <0.010 [d] | **160** | **30** |
| | 10/10/12 | **620** | 12 | <5.0 | 18 | 650 | 37 | <0.010 [d] | **150** | **121** |
| | 01/10/13 | **210** | <5.0 | <5.0 | <7.5 | 210 | 22 | <0.010 [d] | **78** | <50 [h] |
| | 04/02/13 | **120** | <5.0 | <5.0 | <7.5 | 120 | 28 | <0.010 [d] | **100** | 13 |
| | 06/24/13 | **48** | 2.5 | 1.2 | 2.5 | 54.2 | 19 | <0.010 [d] | **75** | 13 |
| | 09/18/13 | **33** | 2.0 | <1.0 | 2.3 | 37.3 | 19 | <1.0 [h] | **75** | 10 |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 28 | <0.010 [d] | **90** | <10 |
| | 01/21/14 | <1.0 | <1.0 | <1.0 | 3.3 | 3.3 | 25 | <0.010 [d] | **78** | <10 |
| | 02/12/14 | <5.0 | 11 | 7.8 | 67 | 85.8 | 16 | 0.071 [d] | **47** | 19 |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/09/14 | <5.0 | 6.1 | 6.9 | 84 | 97.0 | 5.2 | **0.25** [d] | **18** | **50** |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/14/14 | <1.0 | 15 | 9.6 | 180 | 204.6 | 8.4 | **0.39** [d] | **24** | **197** |
| | 09/25/14 | <1.0 | 25 | 24 | 200 | 249 | 11 | **0.18** [d] | **27** | **147** |
| | 10/28/15 | <100 [h] | <100 | 220 | **4,400** | 4,620 | <100 [h] | <100 [h] | <100 [h] | **1520** |
| | 04/05/16 | <20 [h] | 34 | 87 | **2,900** | 3,021 | <20 | <20 [h] | <20 [h] | **830** |
| | 12/14/16 | <10 | <10 | 21 | 320 | 341 | <10 | <0.010 [d] | <10 | **920** |
| | 08/14/17 | <10 | <10 | 70 | **750** | 820 | <10 | 0.015 [d] | <10 | **960** |
| | 02/20/18 | <10 | 33 | 70 | **2,000** | 2,103 | <10 | 0.061 [d] | <10 | **690** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-7 | 07/18/09 | **330** | 260 | 350 | **1,600** | 2,540 | <1.0 | 0.086 [d] | **17** | **133** |
| | 03/24/10 | **1,100** | **2,900** | **1,400** | **7,000** | 12,400 | <50 | **4.1** [d] | <50 [h] | **330** |
| | 09/27/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/04/12 | 6.3 | <1.0 | <1.0 | 4.8 | 11.1 | 16 | <0.010 [d] | **83** | **121** |
| | 04/10/12 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | 23 | <0.010 [d] | **180** | **49** |
| | 07/17/12 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | 35 | <0.010 [d] | **230** | <50 [h] |
| | 10/10/12 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | 36 | <0.010 [d] | **260** | <50 [h] |
| | 01/10/13 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | 39 | <0.010 [d] | **250** | <50 [h] |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 8.3 | <0.010 [d] | **64** | <10 |
| | 06/24/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 5.2 | <0.010 [d] | **41** | <10 |
| | 09/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 7.8 | <1.0 [h] | **61** | <10 |
| | 10/26/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 1.4 | <0.010 [d] | **10** | <10 |
| | 01/21/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 4.5 | <10 |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 6.5 | <10 |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/09/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.5 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/14/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.5 | <10 |
| | 10/28/15 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <5.0 [h] | <5.0 | **960** |
| | 04/05/16 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <5.0 [h] | <5.0 | **267** |
| | 12/14/16 | <2.5 | <2.5 | <2.5 | <5.0 | <12.5 | <2.5 | <0.010 [d] | <2.5 | **218** |
| | 08/14/17 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.0094 [d] | <2.0 | **98** |
| | 02/20/18 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.0094 [d] | <2.0 | **69** |
| MW-8 | 07/17/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.9 | <10 |
| | 03/24/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 3.9 | <10 |
| | 09/27/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 4.4 | <10 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 3.7 | <10 |
| | 07/17/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 2.0 | <10 |
| | 10/11/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.8 | <10 |
| | 01/10/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.4 | <10 |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.9 | <10 |
| | 06/24/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.4 | <10 |
| | 09/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | 1.4 | <10 |
| | 12/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/21/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/14/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.3 | <10 |
| | 04/06/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| MW-9 | 07/21/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/24/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/06/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/07/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-10 | 08/03/09 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/24/10 | <1.0 | 1.4 | <1.0 | 2.0 | 3.4 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/10/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/16/11 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 10/07/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| MW-11 | 03/25/10 | **8,400** | **2,200** | 170 | **4,300** | 15,070 | <50 | **67** [d] | **63** | **290** |
| | 09/27/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/06/12 | **390** | **2500** | 620 | **11,000** | 14,510 | <20 | **160** [d] | **40** | **1,220** |
| | 04/10/12 | **300** | 700 | 540 | **9,100** | 10,640 | <10 | **150** [d] | **31** | **1,210** |
| | 07/18/12 | **300** | **840** | 420 | **8,100** | 9,660 | <10 | **130** [d] | **24** | **870** |
| | 01/09/13 | **280** | 720 | **750** | **5,500** | 7,250 | <10 | **73** [d] | **22** | **598** |
| | 04/02/13 | **270** | **750** | **810** | **5,300** | 7,130 | <20 | **79** [d] | **24** | **710** |
| | 06/25/13 | **170** | 440 | 610 | **4,000** | 5,220 | <20 | **84** [d] | <20 [h] | **750** |
| | 09/17/13 | **190** | 440 | 710 | **4,300** | 5,640 | <10 | **70** | **19** | **830** |
| | 09/21/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 10/11/13 | 2.2 | 1.7 | 1.4 | 17 | 22.3 | <1.0 | **5.5** | 1.5 | 3.2 |
| | 10/26/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/16/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **2.2** [d] | <1.0 | <10 |
| | 01/20/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **5.7** [d] | 2.2 | <10 |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **14** [d] | 3.5 | <10 |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/07/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.54** [d] | <1.0 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **4.9** [d] | 1.5 | <10 |
| | 09/24/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **8.5** [d] | 3.9 | <10 |
| | 10/26/15 | 6.1 | 1.5 | 16 | 180 | 204 | <1.0 | **5.9** | 5.5 | **52.2** |
| | 04/04/16 | 6.7 | <5.0 | 8.3 | 440 | 455 | <5.0 | **16** | 6.6 | **94** |
| | 12/14/16 | 3.0 | <1.0 | 12 | 81 | 96 | <1.0 | **7.7** [d] | 2.9 | **358** |
| | 08/14/17 | <1.0 | <1.0 | 46 | 350 | 396 | <1.0 | **0.84** [d] | 1.4 | **640** |
| | 02/22/18 | <5.0 | <5.0 | 110 | **1,600** | 1,710 | <5.0 | **3.6** [d] | <5.0 | **445** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-12 | 03/25/10 | **940** | 420 | 21 | 510 | 1,891 | <10 | **4.3** [d] | **46** | <100 [h] |
| | 09/27/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/18/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/09/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/09/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/02/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/25/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/20/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/07/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/22/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| MW-13 | 02/22/11 | **9,500** | **14,000** | **1,100** | **5,900** | 30,500 | <1.0 | **140** [d] | **200** | **458** |
| | 03/10/11 | **10,000** | **21,000** | **1,500** | **11,000** | 43,500 | <20 | **130** [d] | **230** | **600** |
| | 06/15/11 | **11,000** | **24,000** | **2,100** | **19,000** | 56,100 | <20 | **220** [d] | **180** | **1,590** |
| | 10/04/11 | **7,000** | **13,000** | 350 | **11,000** | 31,350 | <100 [h] | **180** [d] | **100** | **620** |
| | 01/06/12 | **6,300** | **9,500** | 560 | **9,700** | 26,060 | <100 [h] | **86** [d] | <100 [h] | **1,340** |
| | 04/10/12 | **5,500** | **9,200** | 350 | **7,300** | 22,350 | <100 [h] | **53** [d] | <100 [h] | **630** |
| | 07/18/12 | **5,900** | **9,400** | 260 | **6,300** | 21,860 | <100 [h] | **76** [d] | <100 [h] | **630** |
| | 10/11/12 | **4,700** | **5,500** | 270 | **5,300** | 15,770 | <100 [h] | **60** [d] | <100 [h] | **980** |
| | 01/09/13 | **4,200** | **2,900** | 330 | **4,300** | 11,730 | <100 [h] | **34** [d] | <100 [h] | **640** |
| | 04/02/13 | **3,600** | **1,000** | 310 | **2,500** | 7,410 | <20 | **31** [d] | **67** | **860** |
| | 06/25/13 | **3,000** | **1,000** | 310 | **2,600** | 6,910 | <20 | **29** [d] | **59** | **770** |
| | 09/18/13 | **2,200** | 530 | 270 | **2,200** | 5,200 | <20 | **22** | **39** | **870** |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/11/13 | **440** | 260 | 68 | **890** | 1,658 | <10 | <10 [h] | **14** | **336** |
| | 10/26/13 | Hydrogen peroxide in this well (30 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/16/13 | **13** | 69 | 34 | **750** | 866 | <10 | **2.3** [d] | <10 [h] | **140** |
| | 01/20/14 | **59** | 110 | 48 | **840** | 1,057 | <1.0 | **7.4** [d] | <10 [h] | **208** |
| | 02/11/14 | **22** | 85 | 41 | **760** | 908 | <10 | **6.4** [d] | <10 [h] | **135** |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/07/14 | **20** | 44 | 23 | 400 | 487 | <5.0 | **2.0** [d] | <5.0 | **71** |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/17/14 | **29** | 15 | 9.3 | 310 | 363.3 | <1.0 | **2.1** [d] | 5.9 | **67** |
| | 09/24/14 | **19** | 13 | 6.4 | 230 | 268.4 | <1.0 | **3.6** [d] | 8.8 | **77** |
| | 10/26/15 | **1100** | 360 | <100 | **1200** | 2,660 | <100 [h] | <100 [h] | <100 [h] | **220** |
| | 04/04/16 | **300** | 60 | 7.3 | 74 | 434 | <5.0 | <5.0 [h] | 5.2 | 21 |
| | 12/14/16 | **16** | <1.0 | <1.0 | <1.5 | 16 | <1.0 | 0.065 [d] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0093 [d] | <1.0 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-14 | 02/22/11 | 3.2 | 0 | 120 | **890** | 1,013 | <1.0 | **1.2** [d] | 1.1 | **185** |
| | 03/10/11 | <1.0 | 12 | 5.6 | 320 | 337.6 | <1.0 | **1.3** [d] | 1.2 | **201** |
| | 06/15/11 | <1.0 | <1.0 | <1.0 | 8.9 | 8.9 | <1.0 | 0.037 [d] | <1.0 | **31** |
| | 10/04/11 | 1.4 | 1.9 | <1.0 | 34 | 37.3 | <1.0 | **0.19** [d] | 2.2 | **63** |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | **130** |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.074 [d] | <1.0 | **181** |
| | 07/18/12 | <1.0 | <1.0 | <1.0 | 2.7 | 2.7 | <1.0 | **0.46** [d] | 3.9 | **242** |
| | 10/11/12 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | **0.27** [d] | 8.7 | **43** |
| | 01/09/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.11** [d] | 3.7 | 17.6 |
| | 04/02/13 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | **0.23** [d] | <5.0 | **44** |
| | 06/25/13 | <1.0 | <1.0 | <1.0 | 1.7 | 1.7 | <1.0 | 0.082 [d] | 1.2 | **40** |
| | 09/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | 1.2 | **31.7** |
| | 10/26/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.13** [d] | <1.0 | 10.7 |
| | 01/20/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.22** [d] | <1.0 | **82** |
| | 02/11/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.11** [d] | <1.0 | 19.7 |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/07/14 | <1.0 | <1.0 | <1.0 | 1.6 | 1.6 | <1.0 | **0.16** [d] | <1.0 | **46.9** |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.16** [d] | <1.0 | **32** |
| | 09/24/14 | <1.0 | <1.0 | <1.0 | 2.8 | 2.8 | <1.0 | **0.18** [d] | <1.0 | **219** |
| | 10/26/15 | <2.5 | <5.0 | <5.0 | 27 | 27 | <5.0 | <5.0 [h] | <5.0 | **266** |
| | 04/04/16 | <10 [h] | <10 | <10 | <15 | <45 | <10 | <10 [h] | <10 [h] | **39** |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | 3.9 | 3.9 | <1.0 | 0.013 [d] | 4.9 | **91** |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | 8.4 | 8.4 | <1.0 | <0.0093 [d] | 2.6 | **128** |
| | 02/22/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | 1.5 | 28.9 |
| MW-15 | 02/22/11 | **13,000** | **24,000** | **1,400** | **9,300** | 47,700 | <50 | **140** [d] | **280** | **440** |
| | 03/10/11 | **13,000** | **24,000** | **1,800** | **11,000** | 49,800 | <50 | **120** [d] | **280** | **590** |
| | 05/09/11 | **5,400** | **6,600** | 630 | **2,900** | 15,530 | <100 [h] | **60** [d] | **110** | **280** |
| | 06/15/11 | **2,200** | **2,700** | 410 | **1,000** | 6,310 | <10 | **21** [d] | **78** | **285** |
| | 10/05/11 | **1,300** | 470 | 140 | 400 | 2,310 | <10 | **8.5** [d] | **75** | **100** |
| | 01/05/12 | **2,100** | 380 | 150 | 440 | 3,070 | <10 | **6.8** [d] | **100** | **110** |
| | 04/10/12 | **1,300** | 81 | 86 | 150 | 1,617 | <10 | **2.9** [d] | **67** | **60** |
| | 07/18/12 | **1,700** | 22 | 43 | 34 | 1,799 | <10 | **1.1** [d] | **72** | **38** |
| | 10/10/12 | **1,700** | 140 | 72 | 110 | 2,022 | <10 | **2.0** [d] | **82** | **37** |
| | 01/09/13 | **1,700** | 140 | 67 | 120 | 2,027 | <10 | **0.94** [d] | **71** | 26 |
| | 04/02/13 | **1,400** | 85 | 38 | 76 | 1,599 | <10 | **0.71** [d] | **68** | 25 |
| | 06/25/13 | **560** | 37 | 14 | 39 | 650 | <10 | **0.30** [d] | **44** | <100 [h] |
| | 09/18/13 | **160** | 1.7 | 1.9 | 2.9 | 166.5 | <1.0 | <1.0 [h] | **32** | 2.2 |
| | 09/21/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 10/26/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/16/13 | **33** | <1.0 | <1.0 | 2.7 | 35.7 | <1.0 | **0.41** [d] | **34** | <10 |
| | 01/20/14 | **76** | 2.2 | <1.0 | 4.5 | 82.7 | <1.0 | **0.27** [d] | **19** | <10 |
| | 02/11/14 | **170** | 7.5 | 1.4 | 11 | 189.9 | <1.0 | **1.2** [d] | **30** | 3.3 |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/07/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.056 [d] | 7.7 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (23 gallons) | | | | | | | | |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.019 [d] | 4.9 | <10 |
| | 10/26/15 | **590** | 1.9 | 27 | 12 | 631 | <1.0 | <1.0 [h] | **64** | 29 |
| | 04/04/16 | **120** | <5.0 | 5.3 | <7.5 | 125 | <5.0 | <5.0 [h] | **41** | <50 [h] |
| | 12/14/16 | 2.8 | <1.0 | <1.0 | <1.5 | 2.8 | <1.0 | <0.010 [d] | **32** | <10 |
| | 08/14/17 | 1.6 | <1.0 | <1.0 | <1.5 | 1.6 | <1.0 | <0.0094 [d] | **28** | <10 |
| | 02/19/17 | 1.9 | <1.0 | <1.0 | <1.5 | 1.9 | <1.0 | <0.0095 [d] | **28** | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| MW-16 | 08/11/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 12/14/16 | Well Paved-over | | | | | | | | |
| MW-17 | 08/11/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/22/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| MW-18 | 08/08/14 | **150** | <2.0 | 7.1 | <3.0 | 157.1 | 55 | <0.010 [d] | **190** | <20 |
| | 08/11/14 | **600** | 3.7 | 9.8 | 8.3 | 621.8 | 23 | <0.010 [d] | **130** | 13 |
| | 09/25/14 | 2.6 | <2.0 | <2.0 | <3.0 | 2.6 | 2.3 | <0.010 [d] | 7.6 | <20 |
| | 10/26/15 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <2.0 h | <2.0 | <20 |
| | 04/06/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 h | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/15/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| MW-19 | 08/11/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | 7.7 | <0.010 [d] | 5.2 | <20 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| MW-20 | 08/11/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | 6.4 | <0.010 [d] | **10** | <20 |
| | 09/24/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/28/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/05/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| SFCMW-01 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/06/11 | **320** | **3,000** | **1,200** | **15,000** | 19,520 | <50 | **0.50** [d] | **120** | **1,790** |
| | 01/05/12 | **240** | **1,600** | **850** | **10,000** | 12,690 | <20 | **0.15** [d] | **110** | **2,470** |
| | 04/10/12 | **350** | **1,500** | **1,000** | 11,000 | 13,850 | 21 | 0.064 [d] | **99** | **1,690** |
| | 09/25/14 | **66** | 82 | **420** | **2,900** | 3,468 | <20 | <0.010 [d] | **40** | **990** |
| | 07/17/12 | **350** | **1,300** | **1,100** | **11,000** | 13,750 | <50 | 0.061 [d] | **80** | **1,870** |
| | 10/09/12 | **340** | **1,000** | **1,200** | **11,000** | 13,540 | <50 | 0.020 [d] | **65** | **1,710** |
| | 01/08/13 | **130** | 250 | 540 | **4,300** | 5,220 | <10 | 0.013 [d] | **50** | **980** |
| | 04/02/13 | **99** | 100 | 350 | **2,300** | 2,849 | <10 | 0.013 [d] | **50** | **700** |
| | 05/13/13 | **140** | 170 | 570 | **4,000** | 4,880 | <20 | <20 [h] | **59** | **930** |
| | 06/25/13 | **170** | 230 | 630 | **4,700** | 5,730 | <20 | <0.010 [d] | **61** | **960** |
| | 07/20/13 | **140** | 190 | 620 | **4,600** | 5,550 | <20 | <20 [h] | **64** | **840** |
| | 09/18/13 | **140** | 180 | 540 | **4,300** | 5,160 | <10 | <10 [h] | **59** | **900** |
| | 11/07/13 | **130** | 220 | **750** | **5,300** | 6,400 | <10 | <10 [h] | **74** | **900** |
| | 12/17/13 | **120** | 150 | 600 | **4,400** | 5,270 | <10 | <0.010 [d] | **59** | **740** |
| | 01/21/14 | **100** | 120 | 500 | **3,800** | 4,520 | <10 | <0.010 [d] | **56** | **810** |
| | 02/10/14 | **94** | 120 | 530 | **3,600** | 4,344 | <10 | <0.010 [d] | **55** | **635** |
| | 04/09/14 | **57** | 49 | 290 | **1,600** | 1,996 | <10 | <0.010 [d] | **35** | **405** |
| | 07/15/14 | **54** | 69 | 390 | **2,700** | 3,213 | <10 | <0.010 [d] | **28** | **606** |
| | 10/27/15 | <1.0 | <1.0 | <1.0 | 3.4 | 3.4 | <1.0 | <1.0 [h] | <1.0 | **143** |
| | 04/05/16 | 3.2 | 1.2 | 1.2 | 6.9 | 12.5 | <1.0 | <0.010 [d] | <1.0 | **1,020** |
| | 12/15/16 | 3.8 | <5.0 | 22 | 20 | 45.8 | <5.0 | <0.010 [d] | <5.0 | **540** |
| | 08/15/17 | 3.6 | <5.0 | 32 | 19 | 54.6 | <5.0 | <0.0095 [d] | <5.0 | **470** |
| | 02/20/18 | <2.5 | <2.5 | 54 | 53 | 107 | <2.5 | <0.0096 [d] | 3.7 | **600** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SFCMW-02 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/06/11 | **93** | <10 | 37 | 170 | 300 | 12 | <0.010 [d] | **170** | **195** |
| | 01/05/12 | **15** | <5.0 | 10 | 22 | 46.8 | 12 | <0.010 [d] | **170** | **206** |
| | 04/10/12 | 5.1 | 2.8 | 19.0 | 76.0 | 102.9 | 7.6 | <0.010 [d] | **100** | **161** |
| | 07/17/12 | <5.0 | <5.0 | <5.0 | 8.6 | 8.6 | <5.0 | <0.010 [d] | **85** | **1,640** |
| | 10/09/12 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **82** | **67** |
| | 01/08/13 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **80** | **52** |
| | 04/02/13 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **71** | **53** |
| | 06/25/13 | 1.1 | 1.6 | 1.0 | 3.1 | 6.8 | 3.0 | <0.010 [d] | **50** | **47** |
| | 09/18/13 | 1.0 | 2.0 | <1.0 | 3.3 | 6.3 | 3.8 | <1.0 [h] | **52** | **49** |
| | 12/17/13 | 1.1 | <1.0 | <1.0 | <1.5 | 1.1 | 2.1 | <0.010 [d] | **30** | **70.7** |
| | 01/21/14 | 1.2 | <1.0 | <1.0 | <1.5 | 1.2 | 1.8 | <0.010 [d] | **27** | **110** |
| | 02/10/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **24** | **78** |
| | 04/09/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **16** | **74** |
| | 07/15/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **12** | **104** |
| | 09/26/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | **15** | **239** |
| | 10/27/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | **167** |
| | 04/05/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | **960** |
| | 12/15/16 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | <5.0 | **829** |
| | 08/15/17 | 2.6 | <5.0 | <5.0 | <7.5 | 2.6 | <5.0 | <0.0093 [d] | <5.0 | **411** |
| | 02/20/18 | 3.4 | <2.5 | <2.5 | <3.8 | 3.4 | <2.5 | <0.0095 [d] | <2.5 | **349** |
| SFCMW-03 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/06/11 | **11** | 380 | 210 | **4,000** | 4,601 | <10 | 0.045 [d] | **12** | **1,390** |
| | 01/05/12 | <10 | 83 | 48 | **4,900** | 5,031 | <10 | <0.010 [d] | **20** | **2,730** |
| | 04/10/12 | <10 | 51 | 44 | **4,500** | 5,031 | <10 | <0.010 [d] | **18** | **2,590** |
| | 07/17/12 | <10 | 12 | <10 | **2,500** | 2,512 | <10 | <0.010 [d] | <10 [h] | **1,640** |
| | 10/09/12 | <10 | <10 | <10 | **1,800** | 1,800 | <10 | <0.010 [d] | <10 [h] | **1,160** |
| | 01/08/13 | <10 | <10 | <10 | **1,100** | 1,100 | <10 | <0.010 [d] | <10 [h] | **920** |
| | 04/02/13 | <20 [h] | <20 | <20 | **710** | 710 | <20 | <0.010 [d] | <20 [h] | **810** |
| | 06/25/13 | <10 [h] | <10 | <10 | 190 | 190.0 | <10 | <0.010 [d] | <10 [h] | **520** |
| | 09/18/13 | 7.3 | <5.0 | <5.0 | 200 | 207.3 | <5.0 | <5.0 [h] | <5.0 | **540** |
| | 12/17/13 | <5.0 | <5.0 | <5.0 | 120 | 120 | <5.0 | <0.010 [d] | <5.0 | **600** |
| | 01/21/14 | <5.0 | <5.0 | <5.0 | 86 | 86 | <5.0 | <0.010 [d] | <5.0 | **760** |
| | 02/10/14 | <10 [h] | <10 | <10 | 90 | 90 | <10 | <0.010 [d] | <10 [h] | **760** |
| | 04/09/14 | <5.0 | <5.0 | <5.0 | 61 | 61 | <5.0 | <0.010 [d] | <5.0 | **570** |
| | 07/15/14 | 2.2 | <1.0 | <1.0 | 95 | 97.2 | <1.0 | <0.010 [d] | 1.1 | **860** |
| | 09/25/14 | <10 [h] | <10 | <10 | 22 | 22 | <10 | <0.010 [d] | <10 [h] | **1,060** |
| | 10/27/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | **152** |
| | 04/05/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | **148** |
| | 12/15/16 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.010 [d] | <5.0 | **680** |
| | 08/15/17 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | <0.0094 [d] | <5.0 | **360** |
| | 02/20/18 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.0095 [d] | <2.0 | **292** |
| SFCMW-04 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/04/11 | Well destroyed | | | | | | | | |
| SFCMW-05 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/04/11 | Well destroyed | | | | | | | | |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SFCMW-06 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 10/06/11 | **16** | 1.7 | <1.0 | 5.4 | 23.1 | <1.0 | 0.075 [d] | 2.6 | <10 |
| | 01/05/12 | **53** | 3.0 | <1.0 | 5.0 | 61 | <1.0 | 0.056 [d] | 5.6 | **35** |
| | 04/10/12 | **440** | 5.1 | 2.7 | 8.3 | 456.1 | 3.7 | 0.061 [d] | **19** | **95** |
| | 07/17/12 | **710** | 9.2 | 22 | 20 | 761.2 | 4.5 | **0.19** [d] | **52** | **88** |
| | 10/10/12 | **1,800** | <10 | 66 | <15 | 1,866 | <10 | **0.14** [d] | **140** | 29 |
| | 01/08/13 | **1,300** | 6.7 | 35 | 10 | 1,351.5 | 7.1 | 0.084 [d] | **130** | **50** |
| | 04/02/13 | **400** | 5.5 | 15 | <7.5 | 420.5 | <5.0 | 0.081 [d] | **58** | **45** |
| | 06/25/13 | **270** | 5.1 | 13 | <7.5 | 288 | <5.0 | 0.091 [d] | **39** | 12 |
| | 09/18/13 | **70** | 2.9 | <1.0 | 7.1 | 80.0 | <1.0 | <1.0 [h] | 9.2 | **60** |
| | 12/17/13 | 7.1 | <1.0 | 5.4 | 94 | 106.5 | <1.0 | **0.54** [d] | <1.0 | **59** |
| | 01/21/14 | 4.6 | <1.0 | 5.1 | 99 | 108.7 | <1.0 | **0.51** [d] | <1.0 | **90** |
| | 02/10/14 | 5.1 | <1.0 | 5.3 | 130 | 140.4 | <1.0 | **0.51** [d] | <1.0 | **94** |
| | 04/08/14 | 5.9 | <1.0 | 3.0 | 120 | 128.9 | <1.0 | **0.34** [d] | <1.0 | **104** |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | 54 | 54 | <1.0 | 0.061 [d] | <1.0 | **60.3** |
| | 09/26/14 | 2.2 | <1.0 | <1.0 | 27 | 29.2 | <1.0 | **0.10** [d] | <1.0 | **570** |
| | 10/27/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/04/16 | **11** | 3.8 | 1.6 | 30 | 46.4 | <1.0 | **0.36** | 2.1 | **182** |
| | 12/15/16 | 5.5 | 1.6 | 1.0 | 7.6 | 15.7 | <1.0 | 0.055 [d] | <1.0 | **100** |
| | 08/15/17 | 6.1 | <1.0 | <1.0 | <1.5 | 6.1 | <1.0 | <0.0094 [d] | <1.0 | 9.4 |
| | 02/20/18 | 4.9 | <1.0 | <1.0 | <1.5 | 4.9 | <1.0 | <0.0094 [d] | <1.0 | 6.2 |
| SFCMW-07 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/05/12 | <1.0 | 2.1 | <1.0 | 23 | 25.1 | <1.0 | **0.47** [d] | <1.0 | **239** |
| | 04/11/12 | 2.3 | 3.3 | <2.0 | 26 | 31.6 | <2.0 | **0.25** [d] | <2.0 | **39** |
| | 07/18/12 | <1.0 | <1.0 | <1.0 | 14 | 14 | <1.0 | **0.22** [d] | <1.0 | **49** |
| | 10/09/12 | 1.2 | 1.0 | <1.0 | 16 | 18.2 | <1.0 | **0.14** [d] | <1.0 | 20 |
| | 01/09/13 | <1.0 | <1.0 | <1.0 | 7.9 | 7.9 | <1.0 | **0.11** [d] | <1.0 | 20 |
| | 04/02/13 | <1.0 | <1.0 | <1.0 | 7.3 | 7.3 | <1.0 | 0.077 [d] | <1.0 | 13.3 |
| | 06/25/13 | <1.0 | <1.0 | <1.0 | 3.6 | 3.6 | <1.0 | 0.069 [d] | <1.0 | 10 |
| | 09/18/13 | 1.1 | 1.5 | <1.0 | 5.9 | 8.5 | <1.0 | <1.0 [h] | <1.0 | **41.4** |
| | 12/17/13 | 1.4 | <1.0 | <1.0 | 5.5 | 6.9 | <1.0 | 0.035 [d] | <1.0 | **51** |
| | 01/21/14 | <1.0 | <1.0 | <1.0 | 4.4 | 4.4 | <1.0 | 0.030 [d] | <1.0 | **57** |
| | 02/10/14 | <1.0 | <1.0 | <1.0 | 4.3 | 4.3 | <1.0 | 0.029 [d] | <1.0 | **53** |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | 1.9 | 1.9 | <1.0 | 0.027 [d] | <1.0 | **41** |
| | 07/15/14 | <1.0 | <1.0 | <1.0 | 14 | 14 | <1.0 | 0.045 [d] | <1.0 | **116.8** |
| | 09/26/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | 0.022 [d] | <5.0 | **239** |
| | 10/26/15 | <10 [h] | <10 | <10 | 120 | 120 | <10 | <10 [h] | <10 | **1,910** |
| | 04/04/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.92** | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.59** | 1.2 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.35** | 1.2 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.44** | 1.1 | <10 |
| SFCMW-08 | 03/26/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/05/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/17/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/10/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/08/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <2.0 |
| | 04/02/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/20/14 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/07/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/16/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/05/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SFCMW-09 | 03/26/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/28/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/11/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/14/11 | Well not sampled due to well head obstruction | | | | | | | | |
| | 10/04/11 | Well destroyed | | | | | | | | |
| SFCMW-09D | 03/26/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/28/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/11/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/15/11 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 10/06/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/05/12 | <1.0 | 1.5 | <1.0 | <1.5 | 1.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/10/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/08/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <2.0 |
| | 04/02/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/21/14 [j] | <2.0 | <2.0 | <2.0 | <4.0 | <10 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 04/08/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/16/14 [j] | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 04/05/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| SFCMW-10 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/06/11 | **1,400** | **1,700** | 120 | **2,100** | 5,320 | <50 | **1.8** [d] | <50 [h] | **100** |
| | 01/05/12 | **4,500** | **1,500** | **1,100** | **6,300** | 13,400 | <5.0 | **0.78** [d] | 6.4 | **374** |
| | 04/10/12 | **1,900** | 170 | 68 | 600 | 2,738 | 17 | **0.26** [d] | **12** | **137** |
| | 07/18/12 | **1,800** | 94 | 64 | 270 | 2,228 | <50 | **0.21** [d] | <50 [h] | **110** |
| | 10/10/12 | **230** | 8.0 | 12 | 25 | 275 | 2.8 | **0.10** [d] | 2.3 | **44** |
| | 11/20/12 | **1,400** | 120 | 25 | 150 | 1,695 | 12 | <1.0 [h] | **13** | **220** |
| | 12/28/12 | **200** | 61 | 6.1 | 72 | 339 | <5.0 | <5.0 [h] | <5.0 | **89** |
| | 01/08/13 | **130** | 61 | 5.5 | 61 | 257.5 | 2.6 | **0.52** [d] | 2.6 | **114** |
| | 02/16/13 | **200** | 150 | 21 | 190 | 561 | 3.0 | <1.0 [h] | 3.0 | **341** |
| | 04/02/13 | **220** | **750** | 65 | 490 | 1,525 | <10 | **2.2** [d] | <10 [h] | **459** |
| | 05/13/13 | **300** | **1,300** | 120 | **750** | 2,470 | <10 | <10 [h] | <10 [h] | **628** |
| | 06/25/13 | **340** | **1,700** | 130 | **850** | 3,020 | <10 | **1.3** [d] | <10 [h] | **733** |
| | 07/20/13 | **300** | **1,700** | 150 | **860** | 3,010 | <10 | <10 [h] | <10 [h] | **730** |
| | 09/19/13 | **240** | 390 | 62 | 340 | 1,032 | <10 | <10 [h] | <10 [h] | **386** |
| | 11/07/13 | **100** | 260 | 33 | 210 | 603 | <10 | <10 [h] | <10 [h] | **170** |
| | 12/17/13 | **120** | 450 | 51 | 320 | 941 | <10 | **1.0** [d] | <10 [h] | **357** |
| | 01/21/14 | **210** | **890** | 100 | 560 | 1,760 | <10 | **1.3** [d] | <10 [h] | **567** |
| | 02/10/14 | **200** | **1,200** | 110 | **650** | 2,160 | <10 | **1.5** [d] | <10 [h] | **409** |
| | 04/09/14 | **260** | **1,700** | 200 | **1,000** | 3,160 | <10 | **2.2** [d] | <10 [h] | **505** |
| | 07/15/14 | **120** | 380 | 52 | 240 | 792 | <10 | **0.57** [d] | <10 [h] | **258** |
| | 09/25/14 | **240** | **1,300** | 170 | **820** | 2,530 | <10 | **1.3** [d] | <10 [h] | **910** |
| | 10/27/15 | **29** | 85 | <10 | 31 | 145 | <10 | <10 [h] | <10 [h] | **1,640** |
| | 04/05/16 | 7.8 | 32 | 6.7 | 71 | 118 | <5.0 | 0.033 | <5.0 | **3,470** |
| | 12/15/16 | **22** | 29 | <10 | 170 | 221 | <10 | 0.069 [d] | <10 | **4,600** |
| | 08/15/17 | **65** | 20 | <20 | 180 | 265 | <20 | **0.17** [d] | <10 | **4,500** |
| | 02/20/18 | **72** | 13 | 15.0 | 350 | 450 | <10 | **0.21** [d] | <10 | **4,700** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SFCMW-11 | 03/25/10 | **3,700** | **4,600** | **1,200** | **6,800** | 16,300 | <50 | **29** [d] | **110** | **680** |
| | 09/27/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 | Insufficient water to sample | | | | | | | | |
| | 03/10/11 | **52** | 370 | 220 | **4,200** | 4,842 | <20 | **2.3** [d] | <20 [h] | **1,440** |
| | 06/15/11 | **96** | 410 | 120 | **2,700** | 3,326 | <20 | **1.5** [d] | <20 [h] | **560** |
| | 10/04/11 | **39** | 300 | 110 | **2,100** | 2,549 | <20 | **0.66** [d] | <20 [h] | **600** |
| | 01/05/12 | **21** | 110 | 180 | **1,200** | 1,511 | <10 | **0.10** [d] | <10 [h] | **720** |
| | 04/11/12 | <1.0 | 4.0 | 5.8 | 31 | 40.8 | <1.0 | <0.010 [d] | <1.0 | 21 |
| | 07/18/12 | <20 [h] | 26 | 36 | 220 | 282 | <20 | <0.010 [d] | <20 [h] | <200 [h] |
| | 10/09/12 | <5.0 | 34 | 47 | 230 | 311 | <5.0 | <0.010 [d] | <5.0 | **73** |
| | 01/08/13 | <1.0 | 3.3 | 7.5 | 30 | 40.8 | <1.0 | <0.010 [d] | <1.0 | 12 |
| | 04/03/13 | <1.0 | 27 | 62 | 300 | 389 | <1.0 | <0.010 [d] | <1.0 | **69** |
| | 06/25/13 | <2.0 | <2.0 | 7.9 | 18 | 26 | <2.0 | <0.010 [d] | <2.0 | 21 |
| | 09/18/13 | <1.0 | <1.0 | 1.2 | 1.6 | 2.8 | <1.0 | <1.0 [h] | <1.0 | 8.2 |
| | 12/17/13 | <1.0 | <1.0 | 1.3 | <1.5 | 1.3 | <1.0 | <0.010 [d] | <1.0 | 16 |
| | 01/21/14 | <10 | <10 | <10 | <15 | <45 | <10 | <0.010 [d] | <10 | **307** |
| | 02/10/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | 14.1 |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/17/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | 8.5 |
| | 10/26/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/06/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0092 [d] | <1.0 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| SFCMW-12 | 03/25/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/27/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/18/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/09/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/08/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/02/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/25/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/18/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/21/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/10/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/15/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 10/26/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/04/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| SFRMW-01 | 03/25/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/28/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/06/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/07/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| SFRMW-01D | 09/28/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 8.7 | <10 |
| | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/10/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/16/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/07/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| SFRMW-02 | 09/28/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 03/09/11 | Insufficient water to sample | | | | | | | | |
| | 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/07/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/04/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SVE-1 | 07/18/09 | **390** | **6,600** | **2,500** | **12,000** | 21,490 | <20 | 0.051 [d] | <20 [h] | **1,170** |
| | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 | Insufficient water to sample | | | | | | | | |
| | 10/04/11 | **150** | **1,600** | 500 | **8,700** | 10,950 | <50 | **0.43** [d] | <50 [h] | **220** |
| | 01/05/12 | <10 [h] | 130 | 330 | **3,400** | 3,860 | <10 | 0.037 [d] | <10 [h] | **870** |
| | 04/10/12 | <10 [h] | 28 | 150 | **2,400** | 2,578 | <10 | <0.010 [d] | <10 [h] | **1,090** |
| | 07/19/12 | <10 [h] | 15 | 160 | **1,800** | 1,975 | <10 | <0.010 [d] | <10 [h] | **720** |
| | 10/10/12 | <10 [h] | <10 | 90 | **930** | 1,020 | <10 | <0.010 [d] | <10 [h] | **530** |
| | 11/20/12 | <10 [h] | 13 | 92 | **910** | 1,015 | <10 | <10 [h] | **10** | **510** |
| | 12/28/12 | <10 [h] | <10 | 13 | 440 | 453 | <10 | <10 [h] | <10 [h] | **62** |
| | 01/09/13 | <10 [h] | <10 | <10 | 120 | 120 | <10 | <0.010 [d] | <10 [h] | 21 |
| | 02/16/13 | <10 [h] | <10 | <10 | 290 | 290 | <10 | <10 [h] | <10 [h] | **46** |
| | 04/03/13 | <5.0 | <5.0 | <5.0 | 22 | 22 | <5.0 | <0.010 [d] | <5.0 | <50 [h] |
| | 05/13/13 | <2.0 | <2.0 | <2.0 | 12 | 12 | <2.0 | <2.0 [h] | <2.0 | <20 |
| | 06/26/13 | <2.0 | <2.0 | <2.0 | 66 | 66 | <2.0 | <0.010 [d] | <2.0 | 7.6 |
| | 07/20/13 | <1.0 | <1.0 | <1.0 | 16 | 16 | <1.0 | <2.0 [h] | <1.0 | 2.7 |
| | 09/19/13 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <2.0 [h] | <2.0 | <20 |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/07/13 | <2.0 | <2.0 | <2.0 | 16 | 16 | <2.0 | <2.0 [h] | <2.0 | <20 |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/17/13 | <10 [h] | <10 | <10 | 360 | 360 | <10 | <0.010 [d] | <10 [h] | **89** |
| | 01/21/14 | <2.0 | 3.1 | 2.9 | 200 | 206 | <2.0 | <0.010 [d] | <2.0 | **133** |
| | 02/12/14 | <10 [h] | <10 | <10 | 170 | 170 | <10 | <0.010 [d] | <10 | **82** |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/08/14 | <2.0 | <2.0 | <2.0 | 31 | 31 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/18/14 | <2.0 | <2.0 | <2.0 | 93 | 93 | <2.0 | <0.010 [d] | <2.0 | **109** |
| | 09/26/14 | <10 [h] | <10 | <10 | 47 | 47 | <10 | <0.010 [d] | <10 [h] | **234** |
| | 10/27/15 | 2.0 | 2.6 | 1.3 | 6.3 | 12.2 | <1.0 | <1.0 [h] | <1.0 | 20.3 |
| | 04/04/16 | 1.5 | <1.0 | 4.1 | 5.2 | 10.8 | <1.0 | <1.0 [h] | <1.0 | 23.1 |
| | 12/14/16 | 1.1 | <1.0 | <1.0 | 3.7 | 4.8 | <1.0 | <0.010 [d] | <1.0 | 9.6 |
| | 08/14/17 | <1.0 | <1.0 | 2.4 | 27 | 29.4 | <1.0 | <0.0093 [d] | <1.0 | **42** |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | 8.3 | 8.3 | <1.0 | <0.010 [d] | <1.0 | 12 |
| SVE-2 | 03/26/10 | **470** | 250 | 34 | 170 | 924 | <1.0 | **0.25** [d] | 1.6 | 22 |
| | 09/28/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 01/05/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/11/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/19/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | 5.6 |
| | 10/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | 19 |
| | 01/09/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.038 [d] | <1.0 | 24.4 |
| | 04/03/13 | 3.4 | <1.0 | <1.0 | <1.5 | 3.4 | <1.0 | <0.087 [d] | <1.0 | **33.8** |
| | 06/26/13 | 8.9 | <2.0 | <2.0 | <3.0 | 8.9 | <2.0 | **0.13** [d] | <2.0 | 9.2 |
| | 09/19/13 | **11** | <2.0 | <2.0 | <3.0 | 11 | <2.0 | <2.0 [h] | <2.0 | 9 |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 12/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.27** [d] | <1.0 | <10 |
| | 01/21/14 | 1.6 | <1.0 | <1.0 | <1.5 | 1.6 | <1.0 | **0.25** [d] | <1.0 | 4.4 |
| | 02/12/14 | 6.4 | 1.2 | <1.0 | <1.5 | 7.6 | <1.0 | **0.88** [d] | <1.0 | **31.5** |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | 0.028 [d] | <1.0 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/18/14 | **10** | <2.0 | <2.0 | 13 | 23 | <2.0 | **0.82** [d] | <2.0 | 28.0 |
| | 09/25/14 | 6.9 | <1.0 | <1.0 | 5.7 | 12.6 | <1.0 | **0.50** [d] | <1.0 | **45** |
| | 10/27/15 | 3.7 | 17 | 3.3 | 68 | 92.0 | <1.0 | <1.0 [h] | <1.0 | **178** |
| | 04/04/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0093 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0096 [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SVE-3 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 | Insufficient water to sample | | | | | | | | |
| | 10/04/11 | **650** | **21,000** | **9,900** | **63,000** | 94,550 | <200 [h] | **14** [d] | <200 [h] | **6,500** |
| | 01/05/12 | **600** | **12,000** | **4,100** | **24,000** | 40,700 | <200 [h] | **9.2** [d] | <200 [h] | **4,220** |
| | 04/11/12 | **350** | **9,300** | **2,900** | **19,000** | 31,550 | <200 [h] | **4.1** [d] | <200 [h] | **1,500** |
| | 07/19/12 | **1,000** | **19,000** | **3,200** | **20,000** | 0 | <100 [h] | **4.3** [d] | <100 [h] | **1,640** |
| | 10/11/12 | **960** | **19,000** | **3,800** | **27,000** | 50,760 | <100 [h] | **11** [d] | <100 [h] | **2,750** |
| | 11/21/12 | **880** | **12,000** | **3,200** | **22,000** | 38,080 | <100 [h] | <100 [h] | <100 [h] | **1,300** |
| | 12/28/12 | **590** | **14,000** | **2,900** | **20,000** | 37,490 | <50 | <50 [h] | <50 [h] | **1,150** |
| | 01/10/13 | **290** | **7,100** | **1,700** | **11,000** | 20,090 | <50 | **2.6** [d] | <50 [h] | **1,200** |
| | 02/16/13 | **320** | **8,100** | **1,700** | **12,000** | 22,120 | <50 | <50 [h] | <50 [h] | **1,840** |
| | 04/03/13 | **390** | **10,000** | **2,300** | **14,000** | 26,690 | <50 | **2.4** [d] | <50 [h] | **1,020** |
| | 05/13/13 | **210** | **7,300** | **2,000** | **13,000** | 22,510 | <50 | <50 [h] | <50 [h] | **770** |
| | 06/26/13 | **340** | **9,900** | **2,400** | **16,000** | 28,640 | <50 | **2.8** [d] | <50 [h] | **960** |
| | 07/20/13 | **300** | **10,000** | **2,600** | **20,000** | 32,900 | <50 | <50 [h] | <50 [h] | **3,020** |
| | 09/19/13 | **190** | **6,000** | **1,500** | **10,000** | 17,690 | <50 | <50 [h] | <50 [h] | **810** |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/11/13 | **60** | **2,000** | 700 | **6,100** | 8,860 | <50 | <50 [h] | <50 [h] | **1,050** |
| | 10/26/13 | Hydrogen peroxide in this well (55 gallons) | | | | | | | | |
| | 11/07/13 | **250** | **6,500** | **1,500** | **12,000** | 20,250 | <50 | <50 [h] | <50 [h] | **1,720** |
| | 11/09/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 12/17/13 | **100** | **3,100** | **1,100** | **9,900** | 14,200 | <50 | **2.1** [d] | <50 [h] | **1,640** |
| | 01/21/14 | **130** | **4,700** | **1,400** | **11,000** | 17,230 | <10 | **2.0** [d] | <10 [h] | **1,350** |
| | 02/12/14 | **120** | **5,900** | **1,800** | **13,000** | 20,820 | <50 | **2.1** [d] | <50 [h] | **1,550** |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/08/14 | **140** | **5,000** | **1,400** | **10,000** | 16,540 | <50 | **1.5** [d] | <50 [h] | **660** |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/18/14 | **120** | **3,500** | **1,100** | **8,800** | 13,520 | <50 | **1.9** [d] | <50 [h] | **1,090** |
| | 09/26/14 | **110** | **3,600** | **1,100** | **9,300** | 14,110 | <50 | **1.9** [d] | <50 [h] | **1,740** |
| | 10/27/15 | <1.0 | <1.0 | <1.0 | 9.5 | 9.5 | <1.0 | <1.0 [h] | <1.0 | **57** |
| | 04/04/16 | **14** | 77 | 190 | **3,000** | 3,281.0 | <1.0 | <1.0 [h] | <1.0 | **1,110** |
| | 12/15/16 | 7.1 | 24 | 54 | **1,200** | 1,285.1 | <10 | 0.017 [d] | <10 | **1,040** |
| | 08/15/17 | **35** | 100 | 150 | **1,300** | 1,585.0 | <5.0 | 0.076 [d] | <5.0 | **980** |
| | 02/21/18 | **30** | 110 | 240 | **2,200** | 2,580.0 | <5.0 | 0.047 [d] | <5.0 | **720** |
| SVE-4 | 03/26/10 | **79** | 75 | 16 | 120 | 290 | <1.0 | **0.32** [d] | <1.0 | **34.6** |
| | 09/28/10 | **71** | 150 | <1.0 | 58 | 279 | <1.0 | **2.0** [d] | <1.0 | 3.1 |
| | 12/06/10 | **28** | 28 | <1.0 | 40 | 96 | <1.0 | **0.35** [d] | <1.0 | 3.5 |
| | 03/10/11 | **47** | 11 | <1.0 | 85 | 143 | <1.0 | 0.076 [d] | <1.0 | 21 |
| | 06/15/11 | **520** | 480 | 54 | 560 | 1,614 | <1.0 | **2.4** [d] | <1.0 | **132** |
| | 10/05/11 | 5.4 | 3.7 | <2.0 | 20 | 29.1 | <2.0 | 0.037 [d] | <2.0 | <20 |
| | 02/16/13 | <1.0 | 1.1 | <1.0 | 4.1 | 5.2 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 05/13/13 | <2.0 | 2.1 | <2.0 | <3.0 | 2.1 | <2.0 | <2.0 [h] | <2.0 | <20 |
| | 07/20/13 | 1.3 | 19 | 5.1 | 79 | 104.4 | <1.0 | <1.0 [h] | <1.0 | 4.2 |
| | 11/07/13 | 7.1 | 2.3 | <1.0 | 10 | 19.4 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/14/16 | Ozone emitter stuck in well | | | | | | | | |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SVE-5 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 through 06/14/11 | Insufficient water to sample | | | | | | | | |
| | 10/05/11 | **110** | **1,900** | **1,400** | **8,400** | 11,810 | <100 [h] | <0.010 [d] | **100** | **380** |
| | 01/04/12 | **570** | 180 | 190 | **1,300** | 2,240 | 57 | <0.010 [d] | **290** | **570** |
| | 04/11/12 | **200** | 64 | 49 | 250 | 563 | 41 | <0.010 [d] | **200** | **190** |
| | 07/18/12 | **36** | 15 | <5.0 | 49 | 100 | 48 | <0.010 [d] | **190** | 14 |
| | 10/10/12 | **17** | 9.6 | 8.2 | 26 | 60.8 | 33 | <0.010 [d] | **140** | <50 [h] |
| | 01/09/13 | **11** | 12 | 10 | 39 | 72 | 23 | <0.010 [d] | **92** | 25.1 |
| | 04/03/13 | **14** | 22 | 23 | 86 | 145 | 24 | <0.010 [d] | **85** | **46** |
| | 06/26/13 | 9.5 | 9.4 | 11 | 35 | 64.9 | 20 | <0.010 [d] | **77** | 24.1 |
| | 09/19/13 | 7.8 | 2.2 | 9.0 | 25 | 44.0 | 22 | <2.0 [h] | **85** | **45** |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 12/17/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | 3.2 | <0.010 [d] | 7.9 | <10 |
| | 01/21/14 | <2.0 | <2.0 | <2.0 | 6.7 | 6.7 | <2.0 | 0.051 [d] | 3.6 | <20 |
| | 02/12/14 | <1.0 | <1.0 | <1.0 | 39 | 39 | <1.0 | 0.073 [d] | 3.1 | 3.5 |
| | 03/29/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 04/08/14 | <1.0 | <1.0 | <1.0 | 5.3 | 5.3 | <1.0 | 0.011 [d] | <1.0 | <10 |
| | 05/17/14 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 07/18/13 | <2.0 | <2.0 | <2.0 | 29 | 29 | <2.0 | 0.025 [d] | <2.0 | <20 |
| | 12/14/16 | 1.0 | 1.2 | 23 | 260 | 285 | <1.0 | <0.010 [d] | <1.0 | **1,230** |
| | 02/21/18 | <1.0 | <1.0 | 12 | 120 | 132 | <1.0 | <0.0094 [d] | <1.0 | **384** |
| SVE-6 | 12/06/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 02/16/13 | <10 [h] | <10 | 21 | 210 | 231 | <10 | <10 [h] | **28** | **1,190** |
| | 05/13/13 | <10 [h] | <10 | 25 | 81 | 106 | <10 | <10 [h] | **32** | **660** |
| | 07/20/13 | <10 [h] | <10 | <10 | 44 | 44 | <10 | <10 [h] | **36** | **46** |
| | 10/26/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 11/07/13 | <1.0 | <1.0 | 2.2 | 17 | 19.2 | 2.9 | <1.0 [h] | **27** | **49** |
| | 11/09/13 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/15/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.8 | <10 |
| | 12/16/16 | <1.0 | 1.3 | 30 | 17 | 48.3 | <1.0 | <0.010 [d] | <1.0 | **420** |
| | 02/21/18 | <2.0 | <2.0 | 92 | 19 | 111 | <2.0 | 0.016 [d] | <2.0 | **400** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| SVE-7 | 12/06/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 02/16/13 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <2.0 [h] | <2.0 | <20 |
| | 12/16/16 | <1.0 | <1.0 | 3.7 | <1.5 | 3.7 | <1.0 | <0.010 [d] | <1.0 | **189.6** |
| SVE-8 | 03/25/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 09/28/10 through 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 12/15/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10.0 |
| | 02/20/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10.0 |
| SVE-9 | 03/24/10 | Well not sampled due to presence of NAPL | | | | | | | | |
| | 12/06/10 | Insufficient water to sample | | | | | | | | |
| | 10/04/11 | Insufficient water to sample | | | | | | | | |
| | 04/04/13 | **11** | 290 | 200 | **990** | 1,491 | <10 | <0.098 [d] | <10 [h] | **530** |
| | 06/25/13 | <100 [h] | **2,000** | **1,300** | **6,400** | 9,700 | <100 [h] | **0.18** [d] | <100 [h] | **680** |
| | 09/18/13 | **14** | **960** | 580 | **3,200** | 4,754 | <10 | <10 [h] | <10 [h] | **1,540** |
| | 09/21/13 | Hydrogen peroxide in this well (15 gallons) | | | | | | | | |
| | 10/26/13 | Hydrogen peroxide in this well (30 gallons) | | | | | | | | |
| | 11/09/13 | Hydrogen peroxide in this well (10 gallons) | | | | | | | | |
| | 03/29/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 04/10/14 | <5.0 | <5.0 | <5.0 | <7.5 | <22.5 | <5.0 | 0.024 [d] | <5.0 | <50 [h] |
| | 05/17/14 | Hydrogen peroxide in this well (20 gallons) | | | | | | | | |
| | 07/17/14 | <5.0 | <5.0 | <5.0 | 19 | 19 | <5.0 | 0.098 [d] | <5.0 | 23 |
| | 12/15/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | **0.27** [d] | <1.0 | <10.0 |
| SVE-10D | 12/07/10 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.9 | <10 |
| | 03/10/11 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 06/16/11 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 10/05/11 | <2.0 | <2.0 | <2.0 | 16 | 16 | <2.0 | 0.037 [d] | <2.0 | <20 |
| | 01/06/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/16/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0096 [d] | <1.0 | <10 |
| SVE-11D | 12/06/10 | **4,300** | **1,800** | **830** | **1,200** | 8,130 | 36 | 0.028 [d] | **150** | **262** |
| | 03/11/11 | **3,100** | 68 | 150 | 130 | 3,448 | 97 | <0.010 [d] | **250** | **110** |
| | 06/15/11 | **3,500** | 230 | 190 | 280 | 4,200 | <10 | 0.058 [d] | **280** | **130** |
| | 10/04/11 | **2,400** | 100 | 45 | 600 | 3,145 | <10 | **0.28** [d] | **160** | **433** |
| | 01/05/12 | **1,100** | 110 | 29 | **660** | 1,899 | 29 | **0.61** [d] | **72** | **650** |
| | 04/11/12 | **3,900** | 13 | 110 | 55 | 4,078 | **110** | 0.025 [d] | **240** | <100 [h] |
| | 07/18/12 | **17** | <1.0 | <1.0 | <1.5 | 17 | 1.3 | 0.017 [d] | 2.9 | <10 |
| | 10/10/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 11/20/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <15 |
| | 12/28/12 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 01/10/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/03/13 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/15/16 | <1.0 | <1.0 | 4.1 | 3.8 | 7.9 | <1.0 | <0.010 [d] | <1.0 | **32** |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | 6.1 | 6.1 | <1.0 | <0.0095 [d] | <1.0 | **201** |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| TMW-06 | 07/18/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 10/10/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/09/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <2.0 |
| | 04/03/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 01/21/14 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/08/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/16/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 04/06/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| TMW-06D | 07/17/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 5.4 | <10 |
| | 10/10/12 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 6.4 | <10 |
| . | 01/08/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | 7.0 | <2.0 |
| | 04/03/13 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | 6.6 | <10 |
| | 01/21/14 [j] | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <1.0 | <0.010 [d] | 6.9 | <10 |
| | 04/08/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 6.0 | <10 |
| | 07/16/14 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 6.4 | <10 |
| | 04/06/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | 1.2 | <10 |
| | 12/14/16 [j] | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| TWN-1 | 03/24/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | 0.023 [d] | <2.0 | <20 |
| | 07/17/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.010 [d] | <2.0 | <20 |
| | 10/26/15 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 04/04/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <1.0 [h] | <1.0 | <10 |
| | 08/14/17 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0094 [d] | <1.0 | <10 |
| | 02/19/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| TWN-2 | 03/25/14 | <10 [h] | <10 | <10 | 610 | 610 | <10 | **3.4** [d] | <10 [h] | **462** |
| | 07/17/14 | 8.5 | <5.0 | <5.0 | 110 | 118.5 | <5.0 | **0.55** [d] | 5.8 | **151** |
| | 09/24/14 | <5.0 | <5.0 | <5.0 | 64 | 64 | <5.0 | **0.18** [d] | <5.0 | **247** |
| | 10/26/15 | **420** | 76 | 11 | **870** | 1377 | <10 | **50** | **27** | **850** |
| | 04/04/16 | **66** | 46 | 9.5 | **840** | 961.5 | <5.0 | **26** | 6.3 | **670** |
| | 12/14/16 | **210** | 130 | 24 | **1,300** | 1664 | <5.0 | **39** | 12 | **1220** |
| | 08/14/17 | **270** | 210 | 26 | **1,600** | 2106 | <10 | **23** | <10 [h] | **1130** |
| | 02/20/18 | 3.4 | 1.6 | <1.0 | 26 | 31 | <1.0 | **0.53** [d] | **14** | **57** |
| TWN-3 | 03/24/14 | **2,800** | **5,200** | **1,600** | **17,000** | 26,600 | <50 | **230** [d] | **63** | **1,190** |
| | 07/17/14 | **360** | 620 | 140 | **4,300** | 5,420 | <10 | **40** [d] | **16** | **820** |
| | 09/24/14 | **490** | 730 | 51 | **2,000** | 3,271 | <20 | **38** | <20 [h] | **700** |
| | 10/26/15 | **11,000** | **10,000** | 180 | **7,400** | 28,580 | <10 | **73** | **240** | **955** |
| | 04/06/16 | **6,100** | **5,700** | 150 | **10,000** | 21,950 | <100 [h] | **100** | **160** | **540** |
| | 12/14/16 | **4,900** | **3,200** | 130 | **6,400** | 14,630 | <5.0 | **64** | **120** | **685** |
| | 08/14/17 | **1,200** | 400 | <20 | **1,200** | 2,800 | <20 | **9.1** [d] | **38** | **120** |
| | 02/19/18 | 1.4 | <1.0 | <1.0 | <1.5 | 1.4 | <1.0 | **0.20** [d] | <1.0 | <10 |

**Table 1a. Summary of Analytical Organic Chemistry Data for Groundwater**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Concentration (µg/L) [a] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Benzene | Toluene | Ethyl-benzene | Total Xylenes | BTEX | MTBE | EDB | EDC | Total Naphthalenes |
| *NMWQCC Standard* [b] | | *10* | *750* | *750* | *620* | *None* | *100* [c] | *0.1* | *10* | *30* |
| TWS-1 | 03/24/14 | **140** | **3,100** | **1,600** | **8,100** | 12,940 | <50 | **0.51** [d] | <50 [h] | **1,170** |
| | 07/18/14 | <5.0 | 18 | 9.6 | 130 | 157.6 | <5.0 | <0.010 [d] | <5.0 | **32** |
| | 09/25/14 | <5.0 | 170 | 57 | 470 | 697 | <5.0 | <0.010 [d] | <5.0 | **89** |
| | 10/26/15 | **570** | **4,100** | 690 | **4,400** | 9,760 | <10 | <10 [h] | <10 | **676** |
| | 04/06/16 | <2.0 | 3.8 | 2.1 | 170 | 176 | <2.0 | <2.0 [h] | <2.0 | **81** |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | 10 | 10 | <1.0 | <0.010 [d] | <1.0 | 8.2 |
| | 08/15/17 | <1.0 | <1.0 | <1.0 | 1.7 | 1.7 | <1.0 | <0.0094 [d] | <1.0 | 9.8 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | 12 | 12 | <1.0 | <0.0093 [d] | <1.0 | 24.2 |
| TWS-2 | 03/24/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/15/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| TWS-3 | 03/24/14 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 07/15/14 | <2.0 | <2.0 | <2.0 | <3.0 | <9.0 | <2.0 | <0.020 [d] | <1.0 | <20 |
| | 12/14/16 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.010 [d] | <1.0 | <10 |
| | 02/21/18 | <1.0 | <1.0 | <1.0 | <1.5 | <4.5 | <1.0 | <0.0095 [d] | <1.0 | <10 |
| TWS-4 | 03/24/14 | **2,200** | **4,400** | **900** | **3,400** | 10,900 | <10 | **1.7** [d] | **46** | **193** |
| | 07/15/14 | **400** | 72 | 79 | 210 | 761 | <20 | 0.075 [d] | **41** | <200 [h] |
| | 09/24/14 | **1,400** | 510 | 380 | **840** | 3,130 | <10 | **0.43** [d] | **45** | **331** |
| | 10/27/15 | **1,800** | **4,300** | **760** | **3,500** | 10,360 | <100 [h] | <100 [h] | <100 [h] | <1000 |
| | 04/05/16 | **750** | **1,000** | 530 | **2,200** | 4,480 | <20 | <20 [h] | <20 [h] | **140** |
| | 12/14/16 | **540** | **700** | 620 | **2,200** | 4,060 | <20 | **0.14** [d] | <20 [h] | **170** |
| | 08/14/17 | **300** | 220 | 340 | **930** | 1,790 | <10 | <0.0094 [d] | <10 [h] | **87** |
| | 02/21/18 | **260** | 410 | 470 | **1,300** | 2,440 | <5.0 | 0.039 | 7.2 | **167** |

**Bold** indicates values that exceed applicable standards.

[a] All samples analyzed in accordance with U.S. Environmental Protection Agency (EPA) method 8260B, unless c

[b] New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, unless otherwise noted

[c] New Mexico Environmental Improvement Board standard.

[d] Analyzed in accordance with EPA Method 504.1.

[e] Analyzed in accordance with EPA Method 8310.

[f] Analyzed in accordance with EPA Method 8021 (HBC, 1999).

[g] Data from RT Hicks Consulting (October 2002).

[h] Laboratory reporting limit is equal to or above specified standard.

[j] Laboratory results provided by Santa Fe County subcontractor.

µg/L = Micrograms per liter
BTEX = Benzene, toluene, ethylbenzene, and total xylene
MTBE = Methyl tertiary-butyl ether
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
NA = Not analyzed
NAPL = Nonaqueous-phase liquid
CMW = Capitol 66 UST site monitor well

**Table 1b. Summary of Groundwater Field Parameters**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well | Sampling Date | Field Parameters | | |
|---|---|---|---|---|
| | | Conductivity µS/cm | Temperature C | pH |
| CMW-1 | 02/20/18 | 965 | 11.8 | 7.35 |
| CMW-2 | 02/20/18 | 1,355 | 11.0 | 7.06 |
| CMW-3R | 02/20/18 | 1,824 | 14.5 | 6.94 |
| CMW-4 | 02/20/18 | 1,643 | 12.6 | 7.45 |
| CMW-5 | 02/21/18 | NM | NM | NM |
| MW-1R | 02/20/18 | 2,747 | 13.0 | 6.94 |
| MW-2 | 02/21/18 | 7,110 | 14.0 | 6.95 |
| MW-4R | 02/21/18 | 2,379 | 13.7 | 7.33 |
| MW-5 | 02/22/18 | 746 | 13.5 | 7.53 |
| MW-6 | 02/20/18 | NM | 15.7 | 6.54 |
| MW-7 | 02/20/18 | 515 | 13.6 | 7.15 |
| MW-8 | 02/20/18 | 1,162 | 13.7 | 7.15 |
| MW-9 | 02/20/18 | 1,053 | 12.6 | 7.48 |
| MW-10 | 02/20/18 | 579 | 12.5 | 7.70 |
| MW-11 | 02/22/18 | 1,178 | 14.5 | 11.28* |
| MW-12 | 02/22/18 | 859 | 12.11 | 7.88 |
| MW-13 | 02/19/18 | 742 | 15.3 | 7.91 |
| MW-14 | 02/22/18 | 2,090 | 15.9 | 12.00* |
| MW-15 | 02/19/17 | 1,092 | 15.8 | 7.05 |
| MW-17 | 02/22/18 | 1,550 | 15.6 | 7.09 |
| MW-18 | 02/21/18 | 2,058 | 13.9 | 7.26 |
| MW-19 | 02/21/18 | 3,692 | 15.4 | 7.15 |
| MW-20 | 02/21/18 | 763 | 13.2 | 7.77 |
| SFCMW-01 | 02/20/18 | 1,384 | 15.9 | 13.84 |
| SFCMW-02 | 02/20/18 | 1,087 | 15.7 | 7.01 |
| SFCMW-03 | 02/20/18 | 930 | 14.9 | 7.08 |
| SFCMW-06 | 02/20/18 | 1,450 | 15.4 | 7.54 |
| SFCMW-07 | 02/19/18 | 801 | 16.2 | 7.47 |
| SFCMW-08 | 02/20/18 | 3,800 | 15.3 | 7.68 |
| SFCMW-10 | 02/20/18 | NM | NM | NM |
| SFCMW-11 | 02/19/18 | 6,950 | 15.9 | 6.95 |
| SFCMW-12 | 02/19/18 | 2,455 | 15.5 | 7.04 |
| SVE-1 | 02/21/18 | 6,930 | 13.7 | 12.73* |
| SVE-2 | 02/21/18 | NM | NM | NM |
| SVE-3 | 02/21/18 | 3,193 | 15.9 | 6.81 |
| SVE-5 | 02/21/18 | NM | NM | NM |
| SVE-6 | 02/21/18 | 1,021 | 14.5 | 7.03 |
| SVE-7 | 02/21/18 | NS | NS | NS |
| SVE-8 | 02/20/18 | 2,550 | 14.5 | 7.38 |
| SVE-9 | 02/20/18 | NS | NS | NS |
| SVE-10D | 02/19/18 | 865 | 15.3 | 7.60 |
| SVE-11D | 02/21/18 | 1,874 | 14.9 | 7.82 |
| TWN-1 | 02/19/18 | 2,111 | 15.8 | 6.92 |
| TWN-2 | 02/20/18 | 1,591 | 15.5 | 11.70* |
| TWN-3 | 02/19/18 | 1,599 | 15.9 | 7.94 |
| TWS-1 | 02/21/18 | 2,989 | 13.6 | 7.02 |
| TWS-2 | 02/21/18 | 1,043 | 12.8 | 7.48 |
| TWS-3 | 02/21/18 | 1,089 | 13.5 | 7.51 |
| TWS-4 | 02/21/18 | 926 | 13.5 | 10.69* |

* ORC-A in well prior to purging and sampling
NM - Not measured
NS - Not Sampled

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| CMW-1 | 25 - 35 | 6985.59 | 09/22/92 | 21.11 | --- | 0.00 | 6964.48 | |
| | | | 01/28/94 | 22.32 | --- | 0.00 | 6963.27 | |
| | | | 02/25/94 | 22.69 | --- | 0.00 | 6962.90 | |
| | | | 03/21/94 | 22.79 | --- | 0.00 | 6962.80 | |
| | | | 04/26/94 | 22.67 | --- | 0.00 | 6962.92 | |
| | | | 05/19/94 | 22.07 | --- | 0.00 | 6963.52 | |
| | | | 06/21/94 | 22.08 | --- | 0.00 | 6963.51 | |
| | | | 07/25/94 | 22.30 | --- | 0.00 | 6963.29 | |
| | | | 08/30/94 | 21.87 | --- | 0.00 | 6963.72 | |
| | | | 09/15/94 | 22.14 | --- | 0.00 | 6963.45 | |
| | | | 10/12/94 | 22.33 | --- | 0.00 | 6963.26 | |
| | | | 11/17/94 | 22.40 | --- | 0.00 | 6963.19 | |
| | | | 12/06/94 | 22.60 | --- | 0.00 | 6962.99 | |
| | | | 01/25/95 | 23.08 | --- | 0.00 | 6962.51 | |
| | | | 04/12/95 | 23.42 | --- | 0.00 | 6962.17 | |
| | | | 05/25/95 | 23.31 | --- | 0.00 | 6962.28 | |
| | | | 07/27/95 | 23.00 | --- | 0.00 | 6962.59 | |
| | | | 11/07/95 | 22.91 | --- | 0.00 | 6962.68 | |
| | | | 01/28/96 | 23.84 | --- | 0.00 | 6961.75 | |
| | | | 10/30/96 | 24.42 | --- | 0.00 | 6961.17 | |
| | | | 03/06/97 | 23.90 | --- | 0.00 | 6961.69 | |
| | | | 09/03/97 | 22.29 | --- | 0.00 | 6963.30 | |
| | | | 01/06/98 | 22.90 | --- | 0.00 | 6962.69 | |
| | | | 03/26/98 | 23.42 | --- | 0.00 | 6962.17 | |
| | | | 11/20/98 | 22.10 | --- | 0.00 | 6963.49 | |
| | | | 02/18/99 | 23.41 | --- | 0.00 | 6962.18 | |
| | | | 05/05/99 | 23.75 | --- | 0.00 | 6961.84 | |
| | | | 08/10/99 | 22.00 | --- | 0.00 | 6963.59 | |
| | | | 03/09/00 | 24.20 | --- | 0.00 | 6961.39 | |
| | | | 06/14/00 | 24.78 | --- | 0.00 | 6960.81 | |
| | | | 09/06/00 | 23.20 | --- | 0.00 | 6962.39 | |
| | | | 12/12/00 | 23.71 | --- | 0.00 | 6961.88 | |
| | | | 03/29/01 | 24.47 | --- | 0.00 | 6961.12 | |
| | | | 12/05/01 | 24.33 | --- | 0.00 | 6961.26 | |
| | | | 03/04/02 | 25.86 | --- | 0.00 | 6959.73 | |
| | | | 06/03/02 | 26.67 | --- | 0.00 | 6958.92 | |
| | | | 10/05/02 | 26.62 | --- | 0.00 | 6958.97 | |
| | | | 04/03/04 | 29.48 | --- | 0.00 | 6956.11 | |
| | | | 08/06/04 | 30.41 | --- | 0.00 | 6955.18 | |
| | | | 11/02/04 | 30.80 | --- | 0.00 | 6954.79 | |
| | | | 02/13/06 | 27.29 | --- | 0.00 | 6958.30 | |
| | | | 06/02/06 | 28.73 | --- | 0.00 | 6956.86 | |
| | | | 05/23/07 | 22.65 | --- | 0.00 | 6962.94 | |
| | | | 10/15/07 | 19.92 | --- | 0.00 | 6965.67 | |
| | | | 11/29/07 | 19.70 | --- | 0.00 | 6965.89 | |
| | | | 02/26/08 | 20.35 | --- | 0.00 | 6965.24 | |
| | | | 06/26/09 | 23.39 | --- | 0.00 | 6962.20 | c |
| | | | 07/10/09 | 23.40 | --- | 0.00 | 6962.19 | c |
| | | | 07/20/09 | 22.91 | --- | 0.00 | 6962.68 | c |
| | | | 08/06/09 | 21.95 | --- | 0.00 | 6963.64 | c |
| | | | 08/18/09 | 21.36 | --- | 0.00 | 6964.23 | c |
| | | | 11/13/09 | 20.93 | --- | 0.00 | 6964.66 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| CMW-1 (cont.) | 25 - 35 | 6985.59 | 03/23/10 | 23.62 | --- | 0.00 | 6961.97 |
| | | | 09/27/10 | 19.81 | --- | 0.00 | 6965.78 |
| | | | 12/06/10 | 20.46 | --- | 0.00 | 6965.13 |
| | | | 03/09/11 | 23.21 | --- | 0.00 | 6962.38 |
| | | | 06/14/11 | 24.49 | --- | 0.00 | 6961.10 |
| | | | 10/03/11 | 20.54 | --- | 0.00 | 6965.05 |
| | | | 01/03/12 | 21.40 | --- | 0.00 | 6964.19 |
| | | | 04/09/12 | 23.80 | --- | 0.00 | 6961.79 |
| | | | 07/16/12 | 23.20 | --- | 0.00 | 6962.39 |
| | | | 10/08/12 | 20.79 | --- | 0.00 | 6964.80 |
| | | | 01/07/13 | 21.72 | --- | 0.00 | 6963.87 |
| | | | 04/01/13 | 24.11 | --- | 0.00 | 6961.48 |
| | | | 06/24/13 | 25.51 | --- | 0.00 | 6960.08 |
| | | | 08/01/13 | 24.80 | --- | 0.00 | 6960.79 |
| | | | 08/15/13 | 24.40 | --- | 0.00 | 6961.19 |
| | | | 09/17/13 | 22.20 | --- | 0.00 | 6963.39 |
| | | | 09/26/13 | 21.25 | --- | 0.00 | 6964.34 |
| | | | 10/10/13 | 19.60 | --- | 0.00 | 6965.99 |
| | | | 10/24/13 | 20.45 | --- | 0.00 | 6965.14 |
| | | | 11/14/13 | 20.53 | --- | 0.00 | 6965.06 |
| | | | 11/26/13 | 21.35 | --- | 0.00 | 6964.24 |
| | | | 12/16/13 | 22.00 | --- | 0.00 | 6963.59 |
| | | | 01/20/14 | 23.25 | --- | 0.00 | 6962.34 |
| | | | 02/10/14 | 23.80 | --- | 0.00 | 6961.79 |
| | | | 04/07/14 | 25.31 | --- | 0.00 | 6960.28 |
| | | | 07/14/14 | 24.43 | --- | 0.00 | 6961.16 |
| | | | 10/26/15 | 18.40 | --- | 0.00 | 6967.19 |
| | | | 04/06/16 | 23.09 | --- | 0.00 | 6962.50 |
| | | | 12/14/16 | 21.66 | --- | 0.00 | 6963.93 |
| | | | 08/14/17 | 24.78 | --- | 0.00 | 6960.81 |
| | | | 02/20/18 | 25.33 | --- | 0.00 | 6960.26 |
| CMW-2 | 22 - 32 | 6984.43 | 09/22/92 | 23.06 | --- | 0.00 | 6961.37 |
| | | | 01/28/94 | 23.85 | --- | 0.00 | 6960.58 |
| | | | 02/25/94 | 24.17 | --- | 0.00 | 6960.26 |
| | | | 03/21/94 | 24.24 | --- | 0.00 | 6960.19 |
| | | | 04/26/94 | 24.11 | --- | 0.00 | 6960.32 |
| | | | 05/19/94 | 23.81 | --- | 0.00 | 6960.62 |
| | | | 06/21/94 | 23.68 | --- | 0.00 | 6960.75 |
| | | | 07/25/94 | 23.98 | --- | 0.00 | 6960.45 |
| | | | 08/30/94 | 23.55 | --- | 0.00 | 6960.88 |
| | | | 09/15/94 | 23.71 | --- | 0.00 | 6960.72 |
| | | | 10/12/94 | 23.90 | --- | 0.00 | 6960.53 |
| | | | 11/17/94 | 24.02 | --- | 0.00 | 6960.41 |
| | | | 12/06/94 | 24.21 | --- | 0.00 | 6960.22 |
| | | | 01/25/95 | 24.42 | --- | 0.00 | 6960.01 |
| | | | 04/12/95 | 24.75 | --- | 0.00 | 6959.68 |
| | | | 05/25/95 | 24.61 | --- | 0.00 | 6959.82 |
| | | | 06/26/95 | 24.55 | --- | 0.00 | 6959.88 |
| | | | 07/27/95 | 24.37 | --- | 0.00 | 6960.06 |
| | | | 11/07/95 | 24.13 | --- | 0.00 | 6960.30 |
| | | | 10/30/96 | 24.46 | --- | 0.00 | 6959.97 |
| | | | 03/06/97 | 24.42 | --- | 0.00 | 6960.01 |
| | | | 09/03/97 | 22.48 | --- | 0.00 | 6961.95 |
| | | | 01/06/98 | 23.08 | --- | 0.00 | 6961.35 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| CMW-2 (cont.) | 22 - 32 | 6984.43 | 03/26/98 | 23.18 | --- | 0.00 | 6961.25 | |
| | | | 11/20/98 | 22.33 | --- | 0.00 | 6962.10 | |
| | | | 02/18/99 | 23.38 | --- | 0.00 | 6961.05 | |
| | | | 05/05/99 | 23.79 | --- | 0.00 | 6960.64 | |
| | | | 08/10/99 | 22.30 | --- | 0.00 | 6962.13 | |
| | | | 03/09/00 | 23.75 | --- | 0.00 | 6960.68 | |
| | | | 06/14/00 | 24.56 | --- | 0.00 | 6959.87 | |
| | | | 06/14/00 | 24.56 | --- | 0.00 | 6959.87 | |
| | | | 09/06/00 | 23.78 | --- | 0.00 | 6960.65 | |
| | | | 09/06/00 | 23.78 | --- | 0.00 | 6960.65 | |
| | | | 12/12/00 | 24.02 | --- | 0.00 | 6960.41 | |
| | | | 03/29/01 | 23.45 | --- | 0.00 | 6960.98 | |
| | | | 12/05/01 | 25.97 | --- | 0.00 | 6958.46 | |
| | | | 03/04/02 | 25.33 | --- | 0.00 | 6959.10 | |
| | | | 06/03/02 | 25.86 | --- | 0.00 | 6958.57 | |
| | | | 10/05/02 | 25.77 | --- | 0.00 | 6958.66 | |
| | | | 04/03/04 | 28.13 | --- | 0.00 | 6956.30 | |
| | | | 08/06/04 | 28.91 | --- | 0.00 | 6955.52 | |
| | | | 11/02/04 | 29.17 | --- | 0.00 | 6955.26 | |
| | | | 02/13/06 | 27.37 | --- | 0.00 | 6957.06 | |
| | | | 06/02/06 | 27.40 | --- | 0.00 | 6957.03 | |
| | | | 05/23/07 | 21.70 | --- | 0.00 | 6962.73 | |
| | | | 10/15/07 | 20.59 | --- | 0.00 | 6963.84 | |
| | | | 11/29/07 | 20.71 | --- | 0.00 | 6963.72 | |
| | | | 02/26/08 | 21.00 | --- | 0.00 | 6963.43 | |
| | | | 06/26/09 | 23.07 | --- | 0.00 | 6961.36 | c |
| | | | 07/10/09 | 23.12 | --- | 0.00 | 6961.31 | c |
| | | | 07/20/09 | 22.85 | --- | 0.00 | 6961.58 | c |
| | | | 08/06/09 | 22.44 | --- | 0.00 | 6961.99 | c |
| | | | 08/17/09 | 22.23 | --- | 0.00 | 6962.20 | c |
| | | | 11/13/09 | 21.58 | --- | 0.00 | 6962.85 | |
| | | | 03/23/10 | 23.25 | --- | 0.00 | 6961.18 | |
| | | | 09/27/10 | 21.35 | --- | 0.00 | 6963.08 | |
| | | | 12/06/10 | 21.37 | --- | 0.00 | 6963.06 | |
| | | | 03/09/11 | 23.16 | --- | 0.00 | 6961.27 | |
| | | | 06/14/11 | 23.82 | --- | 0.00 | 6960.61 | |
| | | | 07/18/11 | 24.11 | --- | 0.00 | 6960.32 | |
| | | | 07/22/11 | 24.00 | --- | 0.00 | 6960.43 | |
| | | | 07/25/11 | 24.00 | --- | 0.00 | 6960.43 | |
| | | | 08/01/11 | 23.88 | --- | 0.00 | 6960.55 | |
| | | | 08/08/11 | 23.75 | --- | 0.00 | 6960.68 | |
| | | | 08/22/11 | 23.35 | --- | 0.00 | 6961.08 | |
| | | | 09/06/11 | 22.78 | --- | 0.00 | 6961.65 | |
| | | | 09/19/11 | 22.33 | --- | 0.00 | 6962.10 | |
| | | | 10/03/11 | 22.02 | --- | 0.00 | 6962.41 | |
| | | | 10/17/11 | 21.77 | --- | 0.00 | 6962.66 | |
| | | | 11/01/11 | 21.64 | --- | 0.00 | 6962.79 | |
| | | | 11/15/11 | 21.80 | --- | 0.00 | 6962.63 | |
| | | | 01/03/12 | 22.46 | --- | 0.00 | 6961.97 | |
| | | | 04/09/12 | 23.81 | --- | 0.00 | 6960.62 | |
| | | | 07/16/12 | 23.51 | --- | 0.00 | 6960.92 | |
| | | | 10/08/12 | 22.00 | --- | 0.00 | 6962.43 | |
| | | | 01/07/13 | 22.67 | --- | 0.00 | 6961.76 | |
| | | | 04/01/13 | 24.68 | --- | 0.00 | 6959.75 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| CMW-2 (cont.) | 22 - 32 | 6984.43 | 06/24/13 | 25.00 | --- | 0.00 | 6959.43 |
| | | | 08/01/13 | 25.03 | --- | 0.00 | 6959.40 |
| | | | 08/15/13 | 24.58 | --- | 0.00 | 6959.85 |
| | | | 09/17/13 | 23.55 | --- | 0.00 | 6960.88 |
| | | | 09/26/13 | 23.10 | --- | 0.00 | 6961.33 |
| | | | 10/10/13 | 22.30 | --- | 0.00 | 6962.13 |
| | | | 10/24/13 | 22.10 | --- | 0.00 | 6962.33 |
| | | | 11/14/13 | 22.10 | --- | 0.00 | 6962.33 |
| | | | 11/26/13 | 22.54 | --- | 0.00 | 6961.89 |
| | | | 12/16/13 | 22.80 | --- | 0.00 | 6961.63 |
| | | | 01/20/14 | 23.35 | --- | 0.00 | 6961.08 |
| | | | 02/10/14 | 23.70 | --- | 0.00 | 6960.73 |
| | | | 04/07/14 | 24.80 | --- | 0.00 | 6959.63 |
| | | | 07/14/14 | 24.80 | --- | 0.00 | 6959.63 |
| | | | 10/27/15 | 16.83 | --- | 0.00 | 6967.60 |
| | | | 04/07/16 | 23.46 | --- | 0.00 | 6960.97 |
| | | | 12/14/16 | 22.32 | --- | 0.00 | 6962.11 |
| | | | 08/14/17 | 24.10 | --- | 0.00 | 6960.33 |
| | | | 02/20/18 | 24.63 | --- | 0.00 | 6959.80 |
| CMW-3 | NA | 6984.85 | 09/22/92 | 22.14 | --- | 0.00 | 6962.71 |
| | | | 01/28/94 | 22.65 | --- | 0.00 | 6962.20 |
| | | | 02/25/94 | 22.80 | --- | 0.00 | 6962.05 |
| | | | 03/21/94 | 22.88 | --- | 0.00 | 6961.97 |
| | | | 04/26/94 | 22.75 | --- | 0.00 | 6962.10 |
| | | | 05/19/94 | 22.36 | --- | 0.00 | 6962.49 |
| | | | 06/21/94 | 22.35 | --- | 0.00 | 6962.50 |
| | | | 07/25/94 | 22.64 | --- | 0.00 | 6962.21 |
| | | | 08/30/94 | 22.36 | --- | 0.00 | 6962.49 |
| | | | 09/15/94 | 22.44 | --- | 0.00 | 6962.41 |
| | | | 10/12/94 | 22.55 | --- | 0.00 | 6962.30 |
| | | | 11/17/94 | 22.62 | --- | 0.00 | 6962.23 |
| | | | 12/06/94 | 22.77 | --- | 0.00 | 6962.08 |
| | | | 01/25/95 | 22.92 | --- | 0.00 | 6961.93 |
| | | | 04/12/95 | 23.12 | --- | 0.00 | 6961.73 |
| | | | 05/25/95 | 22.93 | --- | 0.00 | 6961.92 |
| | | | 06/26/95 | 22.85 | --- | 0.00 | 6962.00 |
| | | | 07/27/95 | 22.71 | --- | 0.00 | 6962.14 |
| | | | 11/07/95 | 22.73 | --- | 0.00 | 6962.12 |
| | | | 01/28/96 | 23.18 | --- | 0.00 | 6961.67 |
| | | | 10/30/96 | 24.60 | --- | 0.00 | 6960.25 |
| | | | 03/06/97 | 24.42 | --- | 0.00 | 6960.43 |
| | | | 09/03/97 | 22.20 | --- | 0.00 | 6962.65 |
| | | | 01/06/98 | 22.71 | --- | 0.00 | 6962.14 |
| | | | 03/26/98 | 22.61 | --- | 0.00 | 6962.24 |
| | | | 11/20/98 | 22.24 | --- | 0.00 | 6962.61 |
| | | | 02/18/99 | 23.86 | --- | 0.00 | 6960.99 |
| | | | 05/05/99 | 23.83 | --- | 0.00 | 6961.02 |
| | | | 03/09/00 | 23.79 | --- | 0.00 | 6961.06 |
| | | | 06/14/00 | 23.67 | --- | 0.00 | 6961.18 |
| | | | 09/06/00 | 23.90 | --- | 0.00 | 6960.95 |
| | | | 12/12/00 | 22.98 | --- | 0.00 | 6961.87 |
| | | | 03/29/01 | 21.87 | --- | 0.00 | 6962.98 |
| | | | 12/05/01 | 24.26 | --- | 0.00 | 6960.59 |
| | | | 03/04/02 | 24.51 | --- | 0.00 | 6960.34 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| CMW-3 (cont.) | NA | 6984.85 | 06/03/02 | 25.34 | --- | 0.00 | 6959.51 | |
| | | | 10/05/02 | 25.47 | --- | 0.00 | 6959.38 | |
| | | | 04/03/04 | 26.38 | --- | 0.00 | 6958.47 | |
| | | | 08/06/04 | 27.15 | --- | 0.00 | 6957.70 | |
| | | | 11/02/04 | 27.10 | --- | 0.00 | 6957.75 | |
| | | | 02/04/06 | Well plugged and abandoned | | | | |
| CMW-3R | 22 - 38 | 6984.45 | 02/13/06 | 26.17 | 25.95 | 0.22 | 6958.45 | |
| | | | 06/02/06 | 28.27 | 27.17 | 1.10 | 6957.01 | |
| | | | 05/23/07 | 21.61 | 21.56 | 0.05 | 6962.88 | |
| | | | 10/15/07 | 18.79 | 18.75 | 0.04 | 6965.69 | |
| | | | 11/29/07 | 18.57 | 18.54 | 0.03 | 6965.90 | |
| | | | 02/26/08 | 19.08 | 19.05 | 0.03 | 6965.39 | |
| | | | 06/26/09 | 22.07 | 22.00 | 0.07 | 6962.43 | c |
| | | | 07/10/09 | 22.04 | 21.97 | 0.07 | 6962.46 | c |
| | | | 07/20/09 | 21.56 | 21.54 | 0.02 | 6962.91 | c |
| | | | 08/06/09 | 20.45 | 20.43 | 0.02 | 6964.02 | c |
| | | | 08/17/09 | 19.90 | 19.88 | 0.02 | 6964.57 | c |
| | | | 11/13/09 | 19.47 | --- | 0.00 | 6964.98 | |
| | | | 03/23/10 | 22.20 | --- | 0.00 | 6962.25 | |
| | | | 09/27/10 | 18.53 | --- | 0.00 | 6965.92 | |
| | | | 12/06/10 | 19.46 | --- | 0.00 | 6964.99 | |
| | | | 03/09/11 | 21.87 | --- | 0.00 | 6962.58 | |
| | | | 06/14/11 | 23.11 | --- | 0.00 | 6961.34 | |
| | | | 10/03/11 | 19.45 | --- | 0.00 | 6965.00 | |
| | | | 01/03/12 | 21.00 | --- | 0.00 | 6963.45 | |
| | | | 04/09/12 | 22.67 | --- | 0.00 | 6961.78 | |
| | | | 07/16/12 | 21.81 | --- | 0.00 | 6962.64 | |
| | | | 10/08/12 | 20.08 | --- | 0.00 | 6964.37 | |
| | | | 01/07/13 | 20.73 | --- | 0.00 | 6963.72 | |
| | | | 04/01/13 | 23.00 | --- | 0.00 | 6961.45 | |
| | | | 06/24/13 | 24.16 | 24.10 | 0.06 | 6960.34 | |
| | | | 07/20/13 | 23.64 | --- | 0.00 | 6960.81 | |
| | | | 08/01/13 | 23.32 | --- | Sheen | 6961.13 | |
| | | | 08/15/13 | 22.69 | --- | Sheen | 6961.76 | |
| | | | 09/17/13 | 20.70 | --- | Sheen | 6963.75 | |
| | | | 09/26/13 | 19.80 | --- | Sheen | 6964.65 | |
| | | | 10/10/13 | 18.60 | --- | Sheen | 6965.85 | |
| | | | 10/24/13 | 18.50 | --- | Sheen | 6965.95 | |
| | | | 11/07/13 | 19.30 | --- | Sheen | 6965.15 | |
| | | | 11/14/13 | 19.05 | --- | Sheen | 6965.40 | |
| | | | 11/26/13 | 20.10 | --- | Sheen | 6964.35 | |
| | | | 12/16/13 | 20.82 | --- | 0.00 | 6963.63 | |
| | | | 01/20/14 | 21.83 | --- | 0.00 | 6962.62 | |
| | | | 02/10/14 | 22.33 | --- | 0.00 | 6962.12 | |
| | | | 04/07/14 | 23.91 | --- | 0.00 | 6960.54 | |
| | | | 07/14/14 | 22.91 | --- | 0.00 | 6961.54 | |
| | | | 10/27/15 | 17.00 | --- | 0.00 | 6967.45 | |
| | | | 04/07/16 | 21.70 | --- | 0.00 | 6962.75 | |
| | | | 12/14/16 | 20.26 | --- | 0.00 | 6964.19 | |
| | | | 08/14/17 | 23.31 | --- | 0.00 | 6961.14 | |
| | | | 02/20/18 | 23.93 | --- | 0.00 | 6960.52 | |
| CMW-4 | 18 - 33 | 6983.21 | 11/03/09 | 21.05 | --- | 0.00 | 6962.16 | |
| | | | 11/08/09 | 21.00 | --- | 0.00 | 6962.21 | |
| | | | 11/13/09 | 21.05 | --- | 0.00 | 6962.16 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| CMW-4 (cont.) | 18 - 33 | 6982.95[e] | 03/23/10 | 22.26 | --- | 0.00 | 6960.95 |
| | | | 09/27/10 | 20.77 | --- | 0.00 | 6962.44 |
| | | | 12/06/10 | 20.91 | --- | 0.00 | 6962.30 |
| | | | 03/09/11 | 22.00 | --- | 0.00 | 6961.21 |
| | | | 06/14/11 | 22.46 | --- | 0.00 | 6960.75 |
| | | | 10/03/11 | 21.49 | --- | 0.00 | -21.49 |
| | | | 01/03/12 | 21.58 | --- | 0.00 | -21.58 |
| | | | 04/09/12 | 22.55 | --- | 0.00 | -22.55 |
| | | | 07/16/12 | 22.78 | --- | 0.00 | -22.78 |
| | | | 10/08/12 | 21.40 | --- | 0.00 | -21.40 |
| | | | 01/07/13 | 21.73 | --- | 0.00 | -21.73 |
| | | | 11/07/13 | 21.20 | --- | 0.00 | -21.20 |
| | | | 11/08/13 | 21.18 | --- | 0.00 | -21.18 |
| | | | 12/16/13 | 21.40 | --- | 0.00 | -21.40 |
| | | | 01/20/14 | 21.90 | --- | 0.00 | -21.90 |
| | | | 02/10/14 | 22.17 | --- | 0.00 | -22.17 |
| | | | 04/09/14 | 23.27 | --- | 0.00 | -23.27 |
| | | | 07/14/14 | 23.34 | --- | 0.00 | -23.34 |
| | | | 09/25/14 | 20.55 | --- | 0.00 | -20.55 |
| | | | 10/27/15 | 19.42 | --- | 0.00 | -19.42 |
| | | | 04/04/16 | 21.75 | --- | 0.00 | -21.75 |
| | | | 12/14/16 | 21.21 | --- | 0.00 | -21.21 |
| | | | 08/14/17 | 21.99 | --- | 0.00 | -21.99 |
| | | | 02/20/18 | 22.58 | --- | 0.00 | -22.58 |
| CMW-5 | 24 - 44 | 6983.92 | 11/08/09 | 33.97 | --- | 0.00 | 6949.95 |
| | | | 11/08/09 | 30.52 | --- | 0.00 | 6953.40 |
| | | | 11/13/09 | 30.77 | --- | 0.00 | 6953.15 |
| | | | 03/23/10 | 31.83 | --- | 0.00 | 6952.09 |
| | | | 09/27/10 | 38.69 | --- | 0.00 | 6945.23 |
| | | | 11/17/10 | 40.03 | --- | 0.00 | 6943.89 |
| | | | 12/06/10 | 40.18 | --- | 0.00 | 6943.74 |
| | | | 03/09/11 | 41.05 | --- | 0.00 | 6942.87 |
| | | | 06/14/11 | 41.90 | --- | 0.00 | 6942.02 |
| | | | 10/03/11 | 37.90 | --- | 0.00 | 6946.02 |
| | | | 01/03/12 | 36.72 | --- | 0.00 | 6947.20 |
| | | | 04/09/12 | 36.27 | --- | 0.00 | 6947.65 |
| | | | 07/16/12 | 36.10 | --- | 0.00 | 6947.82 |
| | | | 10/08/12 | 34.67 | --- | 0.00 | 6949.25 |
| | | | 01/07/13 | 33.65 | --- | 0.00 | 6950.27 |
| | | | 04/01/13 | 33.90 | --- | 0.00 | 6950.02 |
| | | | 06/24/13 | 33.50 | --- | 0.00 | 6950.42 |
| | | | 09/17/13 | 36.50 | --- | 0.00 | 6947.42 |
| | | | 12/16/13 | 36.00 | --- | 0.00 | 6947.92 |
| | | | 01/20/14 | 35.99 | --- | 0.00 | 6947.93 |
| | | | 02/10/14 | 33.78 | --- | 0.00 | 6950.14 |
| | | | 04/08/14 | 35.71 | --- | 0.00 | 6948.21 |
| | | | 07/14/14 | 34.80 | --- | 0.00 | 6949.12 |
| | | | 10/27/15 | 28.86 | --- | 0.00 | 6955.06 |
| | | | 04/06/16 | 33.58 | --- | 0.00 | 6950.34 |
| | | | 12/16/16 | 30.23 | --- | 0.00 | 6953.69 |
| | | | 08/14/17 | 30.70 | --- | 0.00 | 6953.22 |
| | | | 02/21/18 | 31.40 | --- | 0.00 | 6952.52 |
| CMW-6 | 14 - 29 | 6985.36 | 11/08/09 | 17.77 | --- | 0.00 | 6967.59 |
| | | | 11/13/09 | 17.90 | --- | 0.00 | 6967.46 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| CMW-6 (cont.) | 14 - 29 | 6985.36 | 03/23/10 | 21.65 | --- | 0.00 | 6963.71 | |
| | | | 09/27/10 | 16.78 | --- | 0.00 | 6968.58 | |
| | | | 12/06/10 | 18.31 | --- | 0.00 | 6967.05 | |
| | | | 03/09/11 | 21.42 | --- | 0.00 | 6963.94 | |
| | | | 06/14/11 | 22.80 | --- | 0.00 | 6962.56 | |
| | | | 07/18/11 | 22.17 | --- | 0.00 | 6963.19 | |
| | | | 07/22/11 | 21.75 | --- | 0.00 | 6963.61 | |
| | | | 07/25/11 | 21.55 | --- | 0.00 | 6963.81 | |
| | | | 08/01/11 | 21.01 | --- | 0.00 | 6964.35 | |
| | | | 08/08/11 | 20.41 | --- | 0.00 | 6964.95 | |
| | | | 08/22/11 | 19.42 | --- | 0.00 | 6965.94 | |
| | | | 09/06/11 | 17.78 | --- | 0.00 | 6967.58 | |
| | | | 09/19/11 | 17.24 | --- | 0.00 | 6968.12 | |
| | | | 10/03/11 | 17.19 | --- | 0.00 | 6968.17 | |
| | | | 10/17/11 | 16.96 | --- | 0.00 | 6968.40 | |
| | | | 11/01/11 | 17.06 | --- | 0.00 | 6968.30 | |
| | | | 11/15/11 | 17.66 | --- | 0.00 | 6967.70 | |
| | | | 01/03/12 | 19.60 | --- | 0.00 | 6965.76 | |
| | | | 04/09/12 | 22.16 | --- | 0.00 | 6963.20 | |
| | | | 07/16/12 | 21.05 | --- | 0.00 | 6964.31 | |
| | | | 10/08/12 | 18.28 | --- | 0.00 | 6967.08 | |
| | | | 01/07/13 | 19.87 | --- | 0.00 | 6965.49 | |
| | | | 04/01/13 | 22.40 | --- | 0.00 | 6962.96 | |
| | | | 06/24/13 | 23.70 | --- | 0.00 | 6961.66 | |
| | | | 09/17/13 | 19.00 | --- | 0.00 | 6966.36 | |
| | | | 12/16/13 | 17.70 | --- | 0.00 | 6967.66 | |
| | | | 01/20/14 | 20.82 | --- | 0.00 | 6964.54 | |
| | | | 02/10/14 | 21.50 | --- | 0.00 | 6963.86 | |
| | | | 04/07/14 | 21.72 | --- | 0.00 | 6963.64 | |
| | | | 07/14/14 | 21.81 | --- | 0.00 | 6963.55 | |
| | | | 10/27/15 | 15.04 | --- | 0.00 | 6970.32 | |
| | | | 04/07/16 | 20.59 | --- | 0.00 | 6964.77 | |
| | | | 12/14/16 | Well destroyed | | | | |
| MW-1 | 10 - 30 | NA | 09/23/03 | 28.00 | --- | Sheen | --- [d] | |
| | | | 03/31/04 | Well plugged and abandoned | | | | |
| MW-1R | 23 - 38 | 6982.74 | 04/03/04 | 31.13 | --- | 0.00 | 6951.61 | |
| | | | 08/06/04 | 30.05 | --- | 0.00 | 6952.69 | |
| | | | 11/02/04 | 30.03 | --- | 0.00 | 6952.71 | |
| | | | 02/13/06 | 30.69 | --- | 0.00 | 6952.05 | |
| | | | 06/02/06 | 31.19 | --- | 0.00 | 6951.55 | |
| | | | 02/16/07 | 30.21 | --- | 0.00 | 6952.53 | |
| | | | 05/23/07 | 27.51 | --- | 0.00 | 6955.23 | |
| | | | 08/29/07 | 26.91 | --- | 0.00 | 6955.83 | |
| | | | 11/15/07 | 26.85 | --- | 0.00 | 6955.89 | |
| | | | 09/15/08 | 28.36 | --- | 0.00 | 6954.38 | |
| | | | 12/19/08 | 28.65 | --- | 0.00 | 6954.09 | |
| | | | 03/09/09 | 29.72 | --- | 0.00 | 6953.02 | |
| | | | 05/22/09 | 30.46 | --- | 0.00 | 6952.28 | |
| | | | 06/26/09 | 30.45 | --- | 0.00 | 6952.29 | [c] |
| | | | 07/10/09 | 30.43 | --- | 0.00 | 6952.31 | [c] |
| | | | 07/17/09 | 30.53 | --- | 0.00 | 6952.21 | |
| | | | 07/20/09 | 30.41 | --- | 0.00 | 6952.33 | [c] |
| | | | 08/06/09 | 30.38 | --- | 0.00 | 6952.36 | [c] |
| | | | 08/18/09 | 30.36 | --- | 0.00 | 6952.38 | [c] |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-1R (cont.) | 23 - 38 | 6982.74 | 11/08/09 | 29.94 | --- | 0.00 | 6952.80 | |
| | | | 03/23/10 | 29.71 | --- | 0.00 | 6953.03 | |
| | | | 09/27/10 through 01/03/12 | Dry | | | | |
| | | | 04/09/12 | 35.18 | --- | 0.00 | 6947.56 | |
| | | | 07/16/12 | 34.55 | --- | 0.00 | 6948.19 | |
| | | | 10/08/12 | 34.00 | --- | 0.00 | 6948.74 | |
| | | | 01/07/13 | 33.17 | --- | 0.00 | 6949.57 | |
| | | | 04/01/13 | 34.22 | --- | 0.00 | 6948.52 | |
| | | | 06/24/13 | 33.40 | --- | 0.00 | 6949.34 | |
| | | | 09/17/13 | 34.20 | --- | 0.00 | 6948.54 | |
| | | | 10/10/13 | 32.90 | --- | 0.00 | 6949.84 | |
| | | | 12/16/13 | 32.20 | --- | 0.00 | 6950.54 | |
| | | | 01/20/14 | 32.08 | --- | 0.00 | 6950.66 | |
| | | | 02/10/14 | 31.97 | --- | 0.00 | 6950.77 | |
| | | | 04/09/14 | 32.27 | --- | 0.00 | 6950.47 | |
| | | | 07/14/14 | 31.90 | --- | 0.00 | 6950.84 | |
| | | | 09/24/14 | 30.67 | --- | 0.00 | 6952.07 | |
| | | | 10/27/15 | 24.90 | --- | 0.00 | 6957.84 | |
| | | | 04/05/16 | 28.61 | --- | 0.00 | 6954.13 | |
| | | | 12/14/16 | 28.53 | --- | 0.00 | 6954.21 | |
| | | | 08/14/17 | 28.77 | --- | 0.00 | 6953.97 | |
| | | | 02/21/18 | 30.75 | --- | 0.00 | 6951.99 | |
| MW-2 | 12 - 32 | 6980.28 | 09/23/03 | 28.87 | --- | 0.00 | 6951.41 | |
| | | | 09/23/03 | 28.87 | --- | 0.00 | 6951.41 | |
| | | | 04/03/04 | 29.06 | --- | 0.00 | 6951.22 | |
| | | | 08/06/04 | 28.15 | --- | 0.00 | 6952.13 | |
| | | | 11/02/04 | 27.79 | --- | 0.00 | 6952.49 | |
| | | | 02/13/06 | 28.00 | --- | 0.00 | 6952.28 | |
| | | | 06/02/06 | 28.64 | --- | 0.00 | 6951.64 | |
| | | | 02/16/07 | 28.50 | --- | 0.00 | 6951.78 | |
| | | | 05/23/07 | 28.12 | --- | 0.00 | 6952.16 | |
| | | | 08/29/07 | 27.83 | --- | 0.00 | 6952.45 | |
| | | | 11/15/07 | 28.06 | --- | 0.00 | 6952.22 | |
| | | | 09/15/08 | 27.99 | --- | 0.00 | 6952.29 | |
| | | | 12/19/08 | 27.90 | --- | 0.00 | 6952.38 | |
| | | | 03/09/09 | 28.04 | --- | 0.00 | 6952.24 | |
| | | | 05/22/09 | 28.57 | --- | 0.00 | 6951.71 | |
| | | | 06/26/09 | 28.58 | --- | 0.00 | 6951.70 | c |
| | | | 07/10/09 | 28.50 | --- | 0.00 | 6951.78 | c |
| | | | 07/17/09 | 28.59 | --- | 0.00 | 6951.69 | |
| | | | 07/20/09 | 28.48 | --- | 0.00 | 6951.80 | c |
| | | | 08/06/09 | 28.45 | --- | 0.00 | 6951.83 | c |
| | | | 08/18/09 | 28.46 | --- | 0.00 | 6951.82 | c |
| | | | 11/08/09 | 28.16 | --- | 0.00 | 6952.12 | |
| | | | 03/23/10 | 25.12 | --- | 0.00 | 6955.16 | |
| | | | 09/27/10 through 06/14/11 | Dry | | | | |
| | | | 01/03/12 | Sump water | | | | |
| | | | 04/09/12 | 29.80 | --- | 0.00 | 6950.48 | |
| | | | 07/16/12 | Dry | | | | |
| | | | 10/08/12 | 31.20 | --- | 0.00 | 6949.08 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| MW-2 (cont.) | 12 - 32 | 6980.28 | 01/07/13 | 30.96 | --- | 0.00 | 6949.32 |
| | | | 04/01/13 | 30.88 | --- | 0.00 | 6949.40 |
| | | | 06/24/13 | 30.80 | --- | 0.00 | 6949.48 |
| | | | 09/17/13 | 30.20 | --- | 0.00 | 6950.08 |
| | | | 12/16/13 | 29.52 | --- | 0.00 | 6950.76 |
| | | | 01/20/14 | 29.62 | --- | 0.00 | 6950.66 |
| | | | 02/10/14 | 29.66 | --- | 0.00 | 6950.62 |
| | | | 04/07/14 | 29.79 | --- | 0.00 | 6950.49 |
| | | | 07/14/14 | 29.26 | --- | 0.00 | 6951.02 |
| | | | 10/26/15 | 25.91 | --- | 0.00 | 6954.37 |
| | | | 04/07/16 | 27.20 | --- | 0.00 | 6953.08 |
| | | | 12/14/16 | 27.93 | --- | 0.00 | 6952.35 |
| | | | 08/14/17 | 27.79 | --- | 0.00 | 6952.49 |
| | | | 02/21/18 | 28.48 | --- | 0.00 | 6951.80 |
| MW-3 | 19.8 - 35 | 6981.91 | 04/03/04 | 32.50 | 29.47 | 3.03 | 6951.68 |
| | | | 08/06/04 | 30.85 | 28.65 | 2.20 | 6952.71 |
| | | | 11/02/04 | 31.27 | 28.73 | 2.54 | 6952.55 |
| | | | 06/02/05 | 29.54 | 28.47 | 1.07 | 6953.17 |
| | | | 06/08/05 | 29.92 | 28.36 | 1.56 | 6953.16 |
| | | | 06/14/05 | 30.00 | 28.39 | 1.61 | 6953.12 |
| | | | 06/16/05 | 29.51 | 28.55 | 0.96 | 6953.12 |
| | | | 06/21/05 | 29.93 | 28.48 | 1.45 | 6953.07 |
| | | | 06/24/05 | 30.02 | 28.45 | 1.57 | 6953.07 |
| | | | 06/28/05 | 29.80 | 28.56 | 1.24 | 6953.04 |
| | | | 07/01/05 | 29.55 | 28.70 | 0.85 | 6953.00 |
| | | | 07/07/05 | 29.85 | 28.66 | 1.19 | 6952.95 |
| | | | 07/14/05 | 29.93 | 28.71 | 1.22 | 6952.90 |
| | | | 07/28/05 | 29.73 | 28.95 | 0.78 | 6952.77 |
| | | | 08/12/05 | 30.29 | 28.92 | 1.37 | 6952.65 |
| | | | 08/25/05 | 30.12 | 29.08 | 1.04 | 6952.57 |
| | | | 09/02/05 | 30.03 | 29.18 | 0.85 | 6952.52 |
| | | | 09/09/05 | 30.02 | 29.20 | 0.82 | 6952.51 |
| | | | 09/21/05 | 30.45 | 29.13 | 1.32 | 6952.45 |
| | | | 10/14/05 | 31.14 | 28.98 | 2.16 | 6952.39 |
| | | | 11/03/05 | 31.08 | 29.03 | 2.05 | 6952.37 |
| | | | 12/02/05 | 31.54 | 29.02 | 2.52 | 6952.26 |
| | | | 12/28/05 | 31.84 | 29.09 | 2.75 | 6952.13 |
| | | | 02/13/06 | 32.25 | 29.23 | 3.02 | 6951.93 |
| | | | 04/05/06 | 32.62 | 29.40 | 3.22 | 6951.71 |
| | | | 05/17/06 | 32.92 | 29.51 | 3.41 | 6951.55 |
| | | | 06/02/06 | 32.99 | 29.56 | 3.43 | 6951.49 |
| | | | 06/07/06 | 33.00 | 29.56 | 3.44 | 6951.49 |
| | | | 08/04/06 | 32.30 | 29.35 | 2.95 | 6951.82 |
| | | | 08/18/06 | 31.81 | 29.22 | 2.59 | 6952.04 |
| | | | 09/01/06 | 31.28 | 29.00 | 2.28 | 6952.34 |
| | | | 09/08/06 | 30.99 | 28.87 | 2.12 | 6952.51 |
| | | | 09/18/06 | 30.67 | 28.71 | 1.96 | 6952.71 |
| | | | 09/22/06 | 30.51 | 29.67 | 0.84 | 6952.03 |
| | | | 09/29/06 | 30.48 | 28.67 | 1.81 | 6952.79 |
| | | | 10/06/06 | 30.50 | 28.70 | 1.80 | 6952.76 |
| | | | 10/13/06 | 30.53 | 28.75 | 1.78 | 6952.72 |
| | | | 10/18/06 | 30.50 | 28.81 | 1.69 | 6952.68 |
| | | | 10/26/06 | 30.50 | 28.70 | 1.80 | 6952.76 |
| | | | 11/10/06 | 30.73 | 28.92 | 1.81 | 6952.54 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-3 (cont.) | 19.8 - 35 | 6981.91 | 11/29/06 | 30.93 | 29.04 | 1.89 | 6952.40 | |
| | | | 12/27/06 | 31.43 | 29.19 | 2.24 | 6952.16 | |
| | | | 01/23/07 | 31.30 | 29.11 | 2.19 | 6952.25 | |
| | | | 02/13/07 | 31.20 | 29.10 | 2.10 | 6952.29 | |
| | | | 02/16/07 | 30.60 | 29.29 | 1.31 | 6952.29 | |
| | | | 03/01/07 | 31.02 | 29.10 | 1.92 | 6952.33 | |
| | | | 03/07/07 | 30.69 | 29.18 | 1.51 | 6952.35 | |
| | | | 03/16/07 | 30.65 | 29.14 | 1.51 | 6952.39 | |
| | | | 03/23/07 | 30.44 | 29.16 | 1.28 | 6952.43 | |
| | | | 05/23/07 | 27.81 | --- | 0.00 | 6954.10 | |
| | | | 08/07/07 | 26.83 | 26.70 | 0.13 | 6955.18 | |
| | | | 08/29/07 | 27.21 | 27.05 | 0.16 | 6954.82 | |
| | | | 11/15/07 | 26.63 | --- | 0.00 | 6955.28 | |
| | | | 02/06/08 | 27.57 | 27.50 | 0.07 | 6954.39 | |
| | | | 03/19/08 | 26.95 | --- | 0.00 | 6954.96 | |
| | | | 05/06/08 | 27.13 | 27.11 | 0.02 | 6954.80 | |
| | | | 06/25/08 | 28.27 | 28.06 | 0.21 | 6953.80 | |
| | | | 09/15/08 | 27.83 | 27.78 | 0.05 | 6954.12 | |
| | | | 12/19/08 | 28.35 | 27.92 | 0.43 | 6953.88 | |
| | | | 03/09/09 | 29.37 | 29.00 | 0.37 | 6952.82 | |
| | | | 05/22/09 | 30.52 | 29.36 | 1.16 | 6952.26 | |
| | | | 06/26/09 | 30.38 | 29.37 | 1.01 | 6952.29 | c |
| | | | 07/10/09 | Well replaced with SVE-1 | | | | |
| MW-4 | 24.6 - 39.6 | 6983.24 | 02/13/06 | 31.18 | --- | 0.00 | 6952.06 | |
| | | | 06/02/06 | 31.70 | --- | 0.00 | 6951.54 | |
| | | | 02/16/07 | 30.71 | --- | 0.00 | 6952.53 | |
| | | | 05/23/07 | 28.36 | --- | 0.00 | 6954.88 | |
| | | | 08/29/07 | 27.72 | --- | 0.00 | 6955.52 | |
| | | | 11/15/07 | 27.73 | --- | 0.00 | 6955.51 | |
| | | | 09/15/08 | 29.13 | --- | 0.00 | 6954.11 | |
| | | | 12/19/08 | 29.38 | --- | 0.00 | 6953.86 | |
| | | | 03/09/09 | 30.31 | --- | 0.00 | 6952.93 | |
| | | | 05/22/09 | 31.00 | --- | 0.00 | 6952.24 | |
| | | | 06/26/09 | 30.96 | --- | 0.00 | 6952.28 | c |
| | | | 07/10/09 | 30.95 | --- | 0.00 | 6952.29 | c |
| | | | 07/17/09 | 31.03 | --- | 0.00 | 6952.21 | |
| | | | 07/20/09 | 30.91 | --- | 0.00 | 6952.33 | c |
| | | | 08/06/09 | 30.90 | --- | 0.00 | 6952.34 | c |
| | | | 08/18/09 | 30.87 | --- | 0.00 | 6952.37 | c |
| | | | 03/23/10 | 30.17 | --- | 0.00 | 6953.07 | |
| | | | 09/27/10 through 11/15/11 | Dry | | | | |
| | | | 01/03/12 | Sump water | | | | |
| | | | 04/09/12 | 35.70 | --- | Sheen | 6947.54 | |
| | | | 07/16/12 | 35.00 | --- | 0.00 | 6948.24 | |
| | | | 10/08/12 | 34.47 | 34.40 | 0.07 | 6948.82 | |
| | | | 01/07/13 | 33.92 | 33.81 | 0.11 | 6949.40 | |
| | | | 04/01/13 | 34.03 | --- | 0.00 | 6949.21 | |
| | | | 06/24/13 | 33.10 | --- | 0.00 | 6950.14 | |
| | | | 09/17/13 | 34.78 | --- | 0.00 | 6948.46 | |
| | | | 10/10/13 | 33.40 | --- | 0.00 | 6949.84 | |
| | | | 12/16/13 | 32.80 | --- | 0.00 | 6950.44 | |
| | | | 01/20/14 | 32.60 | --- | 0.00 | 6950.64 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-4 (cont.) | 24.6 - 39.6 | 6983.24 | 02/10/14 | 32.57 | --- | 0.00 | 6950.67 | |
| MW-4R | 27 - 42 | 6983.38 [m] | 07/14/14 | 32.61 | --- | 0.00 | 6950.77 | |
| | | | 09/24/14 | 31.83 | --- | 0.00 | 6951.55 | |
| | | | 10/28/15 | 26.70 | --- | 0.00 | 6956.68 | |
| | | | 04/06/16 | 29.59 | --- | 0.00 | 6953.79 | |
| | | | 12/14/16 | 29.68 | --- | 0.00 | 6953.70 | |
| | | | 08/14/17 | 29.57 | --- | 0.00 | 6953.81 | |
| | | | 02/21/18 | 31.21 | --- | 0.00 | 6952.17 | |
| MW-5 | 26 - 41 | 6983.37 | 02/21/06 | 31.52 | --- | 0.00 | 6951.85 | |
| | | | 06/02/06 | 31.88 | --- | 0.00 | 6951.49 | |
| | | | 02/16/07 | 31.34 | --- | 0.00 | 6952.03 | |
| | | | 05/23/07 | 30.47 | --- | 0.00 | 6952.90 | |
| | | | 08/29/07 | 29.75 | --- | 0.00 | 6953.62 | |
| | | | 11/15/07 | 29.72 | --- | 0.00 | 6953.65 | |
| | | | 09/15/08 | 30.13 | --- | 0.00 | 6953.24 | |
| | | | 12/19/08 | 30.24 | --- | 0.00 | 6953.13 | |
| | | | 03/09/09 | 31.01 | --- | 0.00 | 6952.36 | |
| | | | 05/22/09 | 31.33 | --- | 0.00 | 6952.04 | |
| | | | 06/26/09 | 31.26 | --- | 0.00 | 6952.11 | c |
| | | | 07/10/09 | 31.26 | --- | 0.00 | 6952.11 | c |
| | | | 07/17/09 | 31.37 | --- | 0.00 | 6952.00 | |
| | | | 07/20/09 | 31.24 | --- | 0.00 | 6952.13 | c |
| | | | 08/06/09 | 31.22 | --- | 0.00 | 6952.15 | c |
| | | | 08/17/09 | 31.23 | --- | 0.00 | 6952.14 | c |
| | | | 11/08/09 | 31.07 | --- | 0.00 | 6952.30 | |
| | | | 03/23/10 | 30.55 | --- | 0.00 | 6952.82 | |
| | | | 09/27/10 through 06/14/11 | Dry | | | | |
| | | | 10/03/11 | 39.54 | --- | 0.00 | 6943.83 | |
| | | | 01/03/12 | 37.21 | --- | 0.00 | 6946.16 | |
| | | | 04/09/12 | 35.85 | --- | 0.00 | 6947.52 | |
| | | | 07/16/12 | 35.18 | --- | 0.00 | 6948.19 | |
| | | | 10/08/12 | 34.60 | --- | 0.00 | 6948.77 | |
| | | | 01/07/13 | 34.12 | --- | 0.00 | 6949.25 | |
| | | | 04/01/13 | 34.00 | --- | 0.00 | 6949.37 | |
| | | | 06/24/13 | 34.01 | --- | 0.00 | 6949.36 | |
| | | | 09/17/13 | 33.50 | --- | 0.00 | 6949.87 | |
| | | | 12/16/13 | 32.85 | --- | 0.00 | 6950.52 | |
| | | | 01/20/14 | 32.75 | --- | 0.00 | 6950.62 | |
| | | | 02/10/14 | 32.71 | --- | 0.00 | 6950.66 | |
| | | | 04/09/14 | 32.90 | --- | 0.00 | 6950.47 | |
| | | | 07/14/14 | 32.50 | --- | 0.00 | 6950.87 | |
| | | | 10/28/15 | 27.40 | --- | 0.00 | 6955.97 | |
| | | | 04/05/16 | 30.16 | --- | 0.00 | 6953.21 | |
| | | | 12/16/16 | 31.02 | --- | 0.00 | 6952.35 | |
| | | | 08/14/17 | 30.56 | --- | 0.00 | 6952.81 | |
| | | | 02/21/18 | 31.76 | --- | 0.00 | 6951.61 | |
| MW-6 | 25 - 40 | 6982.64 | 07/17/09 | 30.61 | --- | Sheen | 6952.03 | |
| | | | 07/20/09 | 30.51 | --- | 0.00 | 6952.13 | c |
| | | | 08/06/09 | 30.58 | 30.47 | 0.11 | 6952.14 | c |
| | | | 08/17/09 | 30.59 | 30.46 | 0.13 | 6952.15 | c |
| | | | 09/14/09 | 30.65 | 30.48 | 0.17 | 6952.12 | |
| | | | 11/08/09 | 30.36 | 30.31 | 0.05 | 6952.32 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-6 (cont.) | 25 - 40 | 6982.64 | 11/13/09 | 30.30 | 30.27 | 0.03 | 6952.36 | |
| | | | 03/23/10 | 29.80 | --- | 0.00 | 6952.84 | |
| | | | 09/27/10 through 07/18/11 | Dry | | | | |
| | | | 10/03/11 | 38.90 | --- | 0.00 | 6943.74 | |
| | | | 01/03/12 | 36.40 | --- | 0.00 | 6946.24 | |
| | | | 04/09/12 | 35.06 | --- | 0.00 | 6947.58 | |
| | | | 07/16/12 | 34.40 | --- | 0.00 | 6948.24 | |
| | | | 10/08/12 | 33.81 | --- | 0.00 | 6948.83 | |
| | | | 01/07/13 | 33.36 | --- | 0.00 | 6949.28 | |
| | | | 04/01/13 | 33.33 | --- | 0.00 | 6949.31 | |
| | | | 06/24/13 | 33.30 | --- | 0.00 | 6949.34 | |
| | | | 07/25/13 | 33.20 | --- | 0.00 | 6949.44 | |
| | | | 08/08/13 | 33.10 | --- | 0.00 | 6949.54 | |
| | | | 08/22/13 | 33.10 | --- | 0.00 | 6949.54 | |
| | | | 09/17/13 | 33.10 | --- | 0.00 | 6949.54 | |
| | | | 09/26/13 | 32.80 | --- | 0.00 | 6949.84 | |
| | | | 10/10/13 | 32.70 | --- | 0.00 | 6949.94 | |
| | | | 10/24/13 | 32.60 | --- | 0.00 | 6950.04 | |
| | | | 11/14/13 | 32.35 | --- | 0.00 | 6950.29 | |
| | | | 11/26/13 | 32.51 | --- | 0.00 | 6950.13 | |
| | | | 12/16/13 | 32.20 | --- | 0.00 | 6950.44 | |
| | | | 01/20/14 | 32.10 | --- | 0.00 | 6950.54 | |
| | | | 02/10/14 | 32.08 | --- | 0.00 | 6950.56 | |
| | | | 04/09/14 | 33.29 | --- | 0.00 | 6949.35 | |
| | | | 07/14/14 | 31.79 | --- | 0.00 | 6950.85 | |
| | | | 09/25/14 | 31.21 | --- | 0.00 | 6951.43 | |
| | | | 10/28/15 | 26.73 | --- | 0.00 | 6955.91 | |
| | | | 04/05/16 | 29.56 | --- | 0.00 | 6953.08 | |
| | | | 12/14/16 | 30.30 | --- | 0.00 | 6952.34 | |
| | | | 08/14/17 | 29.98 | --- | 0.00 | 6952.66 | |
| | | | 02/20/18 | NM | --- | 0.00 | NM | |
| MW-7 | 25 - 40 | 6983.66 | 07/17/09 | 31.65 | --- | 0.00 | 6952.01 | |
| | | | 07/20/09 | 31.53 | --- | 0.00 | 6952.13 | c |
| | | | 08/06/09 | 31.52 | --- | 0.00 | 6952.14 | c |
| | | | 08/17/09 | 31.52 | --- | 0.00 | 6952.14 | c |
| | | | 11/08/09 | 31.40 | --- | 0.00 | 6952.26 | |
| | | | 03/23/10 | 30.82 | --- | 0.00 | 6952.84 | |
| | | | 09/27/10 through 06/14/11 | Dry | | | | |
| | | | 10/03/11 | Sump water | | | | |
| | | | 01/03/12 | 37.28 | --- | 0.00 | 6946.38 | |
| | | | 04/09/12 | 35.93 | --- | 0.00 | 6947.73 | |
| | | | 07/16/12 | 35.38 | --- | 0.00 | 6948.28 | |
| | | | 10/08/12 | 34.85 | --- | 0.00 | 6948.81 | |
| | | | 01/07/13 | 34.45 | --- | 0.00 | 6949.21 | |
| | | | 04/01/13 | 34.30 | --- | 0.00 | 6949.36 | |
| | | | 06/24/13 | 34.25 | --- | 0.00 | 6949.41 | |
| | | | 09/17/13 | 33.85 | --- | 0.00 | 6949.81 | |
| | | | 12/16/13 | 33.40 | --- | 0.00 | 6950.26 | |
| | | | 01/20/14 | 33.52 | --- | 0.00 | 6950.14 | |
| | | | 02/10/14 | 33.09 | --- | 0.00 | 6950.57 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-7 (cont.) | 25 - 40 | 6983.66 | 04/09/14 | 33.30 | --- | 0.00 | 6950.36 | |
| | | | 07/14/14 | 32.81 | --- | 0.00 | 6950.85 | |
| | | | 10/28/15 | 28.10 | --- | 0.00 | 6955.56 | |
| | | | 04/05/16 | 30.45 | --- | 0.00 | 6953.21 | |
| | | | 12/14/16 | 31.15 | --- | 0.00 | 6952.51 | |
| | | | 08/14/17 | 31.38 | --- | 0.00 | 6952.28 | |
| | | | 02/20/18 | 31.96 | --- | 0.00 | 6951.70 | |
| MW-8 | 25 - 40 | 6984.36 | 07/17/09 | 32.39 | --- | 0.00 | 6951.97 | |
| | | | 07/20/09 | 32.28 | --- | 0.00 | 6952.08 | c |
| | | | 08/06/09 | 32.28 | --- | 0.00 | 6952.08 | c |
| | | | 08/17/09 | 32.26 | --- | 0.00 | 6952.10 | c |
| | | | 11/08/09 | 32.17 | --- | 0.00 | 6952.19 | |
| | | | 03/23/10 | 31.67 | --- | 0.00 | 6952.69 | |
| | | | 09/27/10 | 39.94 | --- | 0.00 | 6944.42 | |
| | | | 12/06/10 through 06/14/11 | Dry | | | | |
| | | | 10/03/11 | Sump water | | | | |
| | | | 01/03/12 | 37.78 | --- | 0.00 | 6946.58 | |
| | | | 04/09/12 | 36.60 | --- | 0.00 | 6947.76 | |
| | | | 07/16/12 | 36.00 | --- | 0.00 | 6948.36 | |
| | | | 10/08/12 | 35.55 | --- | 0.00 | 6948.81 | |
| | | | 01/07/13 | 35.17 | --- | 0.00 | 6949.19 | |
| | | | 04/01/13 | 35.08 | --- | 0.00 | 6949.28 | |
| | | | 06/24/13 | 35.00 | --- | 0.00 | 6949.36 | |
| | | | 09/17/13 | 34.50 | --- | 0.00 | 6949.86 | |
| | | | 12/16/13 | 34.09 | --- | 0.00 | 6950.27 | |
| | | | 01/20/14 | 34.20 | --- | 0.00 | 6950.16 | |
| | | | 02/10/14 | 33.96 | --- | 0.00 | 6950.40 | |
| | | | 04/08/14 | 34.21 | --- | 0.00 | 6950.15 | |
| | | | 07/14/14 | 33.51 | --- | 0.00 | 6950.85 | |
| | | | 10/28/15 | Well Blocked | | | | |
| | | | 04/06/16 | 31.68 | --- | 0.00 | 6952.68 | |
| | | | 12/14/16 | 32.33 | --- | 0.00 | 6952.03 | |
| | | | 08/14/17 | 32.41 | --- | 0.00 | 6951.95 | |
| | | | 02/20/18 | 32.94 | --- | 0.00 | 6951.42 | |
| MW-9 | 29 - 44 | 6985.90 | 07/21/09 | 33.86 | --- | 0.00 | 6952.04 | |
| | | | 03/24/10 | 33.27 | --- | 0.00 | 6952.63 | |
| | | | 09/27/10 | 41.65 | --- | 0.00 | 6944.25 | |
| | | | 12/06/10 through 06/14/11 | Dry | | | | |
| | | | 10/03/11 | 41.58 | --- | 0.00 | 6944.32 | |
| | | | 01/03/12 | 39.24 | --- | 0.00 | 6946.66 | |
| | | | 04/09/12 | 38.07 | --- | 0.00 | 6947.83 | |
| | | | 07/16/12 | 37.48 | --- | 0.00 | 6948.42 | |
| | | | 10/08/12 | 36.98 | --- | 0.00 | 6948.92 | |
| | | | 01/07/13 | 36.69 | --- | 0.00 | 6949.21 | |
| | | | 04/01/13 | 36.50 | --- | 0.00 | 6949.40 | |
| | | | 06/24/13 | 36.54 | --- | 0.00 | 6949.36 | |
| | | | 09/17/13 | 36.00 | --- | 0.00 | 6949.90 | |
| | | | 12/16/13 | 35.65 | --- | 0.00 | 6950.25 | |
| | | | 01/20/14 | 35.50 | --- | 0.00 | 6950.40 | |
| | | | 02/10/14 | 35.56 | --- | 0.00 | 6950.34 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| MW-9 (cont.) | 29 - 44 | 6985.90 | 04/07/14 | 35.74 | --- | 0.00 | 6950.16 |
| | | | 07/14/14 | 35.06 | --- | 0.00 | 6950.84 |
| | | | 10/26/15 | 31.36 | --- | 0.00 | 6954.54 |
| | | | 04/07/16 | 33.23 | --- | 0.00 | 6952.67 |
| | | 6985.35 | 12/14/16 | 33.31 | --- | 0.00 | 6952.04 |
| | | | 08/14/17 | 33.39 | --- | 0.00 | 6951.96 |
| | | | 02/20/18 | 33.91 | --- | 0.00 | 6951.44 |
| MW-10 | 27 - 42 | 6984.27 | 08/03/09 | 32.17 | --- | 0.00 | 6952.10 |
| | | | 03/23/10 | 31.68 | --- | 0.00 | 6952.59 |
| | | | 09/27/10 | 39.11 | --- | 0.00 | 6945.16 |
| | | | 10/25/10 | 40.28 | --- | 0.00 | 6943.99 |
| | | | 12/06/10 | 40.95 | --- | 0.00 | 6943.32 |
| | | | 03/09/11 | 41.03 | --- | 0.00 | 6943.24 |
| | | | 06/14/11 | 41.16 | --- | 0.00 | 6943.11 |
| | | | 10/03/11 | 39.43 | --- | 0.00 | 6944.84 |
| | | | 01/03/12 | 37.50 | --- | 0.00 | 6946.77 |
| | | | 04/09/12 | 36.38 | --- | 0.00 | 6947.89 |
| | | | 07/16/12 | 35.75 | --- | 0.00 | 6948.52 |
| | | | 10/08/12 | 34.82 | --- | 0.00 | 6949.45 |
| | | | 01/07/13 | Well not accessible | | | |
| | | | 04/01/13 | 34.84 | --- | 0.00 | 6949.43 |
| | | | 06/24/13 | 34.85 | --- | 0.00 | 6949.42 |
| | | | 09/17/13 | 34.35 | --- | 0.00 | 6949.92 |
| | | | 12/16/13 | 33.50 | --- | 0.00 | 6950.77 |
| | | | 01/20/14 | 33.75 | --- | 0.00 | 6950.52 |
| | | | 02/10/14 | 33.52 | --- | 0.00 | 6950.75 |
| | | | 04/07/14 | 34.07 | --- | 0.00 | 6950.20 |
| | | | 07/14/14 | 33.42 | --- | 0.00 | 6950.85 |
| | | | 10/26/15 | 29.52 | --- | 0.00 | 6954.75 |
| | | | 04/07/16 | 31.59 | --- | 0.00 | 6952.68 |
| | | | 12/14/16 | 32.23 | --- | 0.00 | 6952.04 |
| | | | 08/14/17 | 32.38 | --- | 0.00 | 6951.89 |
| | | | 02/20/18 | 32.83 | --- | 0.00 | 6951.44 |
| MW-11 | 19 - 34 | 6978.14 | 10/31/09 | 26.24 | --- | 0.00 | 6951.90 |
| | | | 11/07/09 | 26.12 | --- | 0.00 | 6952.02 |
| | | | 03/23/10 | 25.61 | --- | 0.00 | 6952.53 |
| | | | 09/27/10 | --- | 33.04 | 1.66 | 6944.69 |
| | | | 10/25/10 through 06/14/11 | Dry | | | |
| | | | 10/03/11 | Sump water | | | |
| | | | 01/03/12 | 31.57 | --- | 0.00 | 6946.57 |
| | | | 04/09/12 | 30.60 | --- | 0.00 | 6947.54 |
| | | | 07/16/12 | 29.90 | --- | 0.00 | 6948.24 |
| | | | 11/08/12 | 29.22 | --- | 0.00 | 6948.92 |
| | | | 01/07/13 | 29.02 | --- | 0.00 | 6949.12 |
| | | | 04/01/13 | 28.90 | --- | 0.00 | 6949.24 |
| | | | 06/24/13 | 28.63 | --- | 0.00 | 6949.51 |
| | | | 09/17/13 | 28.30 | --- | 0.00 | 6949.84 |
| | | | 10/10/13 | 28.20 | --- | 0.00 | 6949.94 |
| | | | 12/16/13 | 27.90 | --- | 0.00 | 6950.24 |
| | | | 01/20/14 | 27.80 | --- | 0.00 | 6950.34 |
| | | | 02/10/14 | 27.80 | --- | 0.00 | 6950.34 |
| | | | 04/07/14 | 28.03 | --- | 0.00 | 6950.11 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| MW-11 (cont.) | 19 - 34 | 6978.14 | 07/14/14 | 27.31 | --- | 0.00 | 6950.83 |
| | | | 09/24/14 | 27.19 | --- | 0.00 | 6950.95 |
| | | | 10/26/15 | 23.86 | --- | 0.00 | 6954.28 |
| | | | 04/04/16 | 25.62 | --- | 0.00 | 6952.52 |
| | | | 12/14/16 | 26.16 | --- | 0.00 | 6951.98 |
| | | | 08/14/17 | 26.34 | --- | 0.00 | 6951.80 |
| | | | 02/19/18 | 26.65 | --- | 0.00 | 6951.49 |
| MW-12 | 19.5 - 34.5 | 6978.97 | 10/24/09 | 26.98 | --- | 0.00 | 6951.99 |
| | | | 11/07/09 | 26.92 | --- | 0.00 | 6952.05 |
| | | | 03/23/10 | 26.44 | --- | 0.00 | 6952.53 |
| | | | 10/25/10 through 10/03/11 | Dry | | | |
| | | | 01/03/12 | 32.38 | --- | 0.00 | 6946.59 |
| | | | 04/09/12 | 31.32 | --- | 0.00 | 6947.65 |
| | | | 07/16/12 | 30.68 | --- | 0.00 | 6948.29 |
| | | | 10/08/12 | 30.10 | --- | 0.00 | 6948.87 |
| | | | 01/07/13 | 29.81 | --- | 0.00 | 6949.16 |
| | | | 04/01/13 | 29.68 | --- | 0.00 | 6949.29 |
| | | | 06/24/13 | 29.55 | --- | 0.00 | 6949.42 |
| | | | 09/17/13 | 29.11 | --- | 0.00 | 6949.86 |
| | | | 12/17/13 | 28.80 | --- | 0.00 | 6950.17 |
| | | | 01/20/14 | 28.60 | --- | 0.00 | 6950.37 |
| | | | 02/10/14 | 28.60 | --- | 0.00 | 6950.37 |
| | | | 04/07/14 | 28.81 | --- | 0.00 | 6950.16 |
| | | | 07/14/14 | 28.12 | --- | 0.00 | 6950.85 |
| | | | 10/26/15 | 24.57 | --- | 0.00 | 6954.40 |
| | | | 04/04/16 | 26.36 | --- | 0.00 | 6952.61 |
| | | | 12/14/16 | 26.95 | --- | 0.00 | 6952.02 |
| | | | 08/14/17 | 27.11 | --- | 0.00 | 6951.86 |
| | | | 02/19/18 | 27.65 | --- | 0.00 | 6951.32 |
| MW-13 | 20 - 40 | 6977.42 | 03/09/11 | 36.15 | --- | 0.00 | 6941.27 |
| | | | 06/14/11 | 35.10 | --- | 0.00 | 6942.32 |
| | | | 10/03/11 | 32.99 | --- | 0.00 | 6944.43 |
| | | | 01/03/12 | 30.54 | --- | 0.00 | 6946.88 |
| | | | 04/09/12 | 29.59 | --- | 0.00 | 6947.83 |
| | | | 07/16/12 | 29.00 | --- | 0.00 | 6948.42 |
| | | | 10/08/12 | 28.50 | --- | 0.00 | 6948.92 |
| | | | 01/07/13 | 28.20 | --- | 0.00 | 6949.22 |
| | | | 04/01/13 | 28.00 | --- | 0.00 | 6949.42 |
| | | | 06/24/13 | 27.96 | --- | 0.00 | 6949.46 |
| | | | 09/17/13 | 27.50 | --- | 0.00 | 6949.92 |
| | | | 10/10/13 | 27.40 | --- | 0.00 | 6950.02 |
| | | | 12/16/13 | 27.09 | --- | 0.00 | 6950.33 |
| | | | 01/20/14 | 27.10 | --- | 0.00 | 6950.32 |
| | | | 02/10/14 | 26.87 | --- | 0.00 | 6950.55 |
| | | | 04/07/14 | 27.26 | --- | 0.00 | 6950.16 |
| | | | 07/14/14 | 26.55 | --- | 0.00 | 6950.87 |
| | | | 09/24/14 | 26.46 | --- | 0.00 | 6950.96 |
| | | | 10/26/15 | 23.17 | --- | 0.00 | 6954.25 |
| | | | 04/04/16 | 24.89 | --- | 0.00 | 6952.53 |
| | | | 12/14/16 | 25.45 | --- | 0.00 | 6951.97 |
| | | | 08/14/17 | 25.50 | --- | 0.00 | 6951.92 |
| | | | 02/19/18 | 25.80 | --- | 0.00 | 6951.62 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| MW-14 | 19 - 44 | 6978.05 | 03/09/11 | 35.85 | --- | 0.00 | 6942.20 |
| | | | 06/14/11 | 36.08 | --- | 0.00 | 6941.97 |
| | | | 10/03/11 | 33.63 | --- | 0.00 | 6944.42 |
| | | | 01/03/12 | 31.10 | --- | 0.00 | 6946.95 |
| | | | 04/09/12 | 29.91 | --- | 0.00 | 6948.14 |
| | | | 07/16/12 | 29.38 | --- | 0.00 | 6948.67 |
| | | | 10/08/12 | 29.14 | --- | 0.00 | 6948.91 |
| | | | 01/07/13 | 28.81 | --- | 0.00 | 6949.24 |
| | | | 04/01/13 | 28.71 | --- | 0.00 | 6949.34 |
| | | | 06/24/13 | 28.62 | --- | 0.00 | 6949.43 |
| | | | 09/17/13 | 28.10 | --- | 0.00 | 6949.95 |
| | | | 12/16/13 | 27.80 | --- | 0.00 | 6950.25 |
| | | | 01/20/14 | 27.69 | --- | 0.00 | 6950.36 |
| | | | 02/10/14 | 27.66 | --- | 0.00 | 6950.39 |
| | | | 04/07/14 | 27.86 | --- | 0.00 | 6950.19 |
| | | | 07/14/14 | 27.17 | --- | 0.00 | 6950.88 |
| | | | 09/24/14 | 27.08 | --- | 0.00 | 6950.97 |
| | | | 10/26/15 | 23.81 | --- | 0.00 | 6954.24 |
| | | | 04/04/16 | 25.50 | --- | 0.00 | 6952.55 |
| | | | 12/14/16 | 26.04 | --- | 0.00 | 6952.01 |
| | | | 08/14/17 | 26.15 | --- | 0.00 | 6951.90 |
| | | | 02/19/18 | 26.46 | --- | 0.00 | 6951.59 |
| MW-15 | 19 - 44 | 6977.43 | 03/09/11 | 36.25 | --- | 0.00 | 6941.18 |
| | | | 05/09/11 | 37.26 | --- | 0.00 | 6940.17 |
| | | | 06/14/11 | 36.81 | --- | 0.00 | 6940.62 |
| | | | 10/03/11 | 33.00 | --- | 0.00 | 6944.43 |
| | | | 01/03/12 | 30.92 | --- | 0.00 | 6946.51 |
| | | | 04/09/12 | 29.60 | --- | 0.00 | 6947.83 |
| | | | 07/16/12 | 29.00 | --- | 0.00 | 6948.43 |
| | | | 10/08/12 | 28.52 | --- | 0.00 | 6948.91 |
| | | | 01/07/13 | 28.18 | --- | 0.00 | 6949.25 |
| | | | 04/01/13 | 28.10 | --- | 0.00 | 6949.33 |
| | | | 06/24/13 | 27.98 | --- | 0.00 | 6949.45 |
| | | | 09/17/13 | 27.50 | --- | 0.00 | 6949.93 |
| | | | 12/16/13 | 27.13 | --- | 0.00 | 6950.30 |
| | | | 01/20/14 | 27.05 | --- | 0.00 | 6950.38 |
| | | | 02/10/14 | 27.00 | --- | 0.00 | 6950.43 |
| | | | 04/07/14 | 27.22 | --- | 0.00 | 6950.21 |
| | | | 07/14/14 | 26.55 | --- | 0.00 | 6950.88 |
| | | | 10/26/15 | 23.22 | --- | 0.00 | 6954.21 |
| | | | 04/04/16 | 24.87 | --- | 0.00 | 6952.56 |
| | | | 12/14/16 | 25.42 | --- | 0.00 | 6952.01 |
| | | | 08/14/17 | 25.52 | --- | 0.00 | 6951.91 |
| | | | 02/19/18 | 25.92 | --- | 0.00 | 6951.51 |
| MW-16 | 17 - 32 | 6972.49 [m] | 08/11/14 | 21.59 | --- | 0.00 | 6950.90 |
| | | | 10/26/15 | 18.32 | --- | 0.00 | 6954.17 |
| | | | 04/07/16 | 19.97 | --- | 0.00 | 6952.52 |
| | | | 12/14/16 | Well paved over | | | |
| MW-17 | 21 - 36 | 6977.37 [m] | 08/11/14 | 26.48 | --- | 0.00 | 6950.89 |
| | | | 10/26/15 | 23.04 | --- | 0.00 | 6954.33 |
| | | | 04/04/16 | 24.68 | --- | 0.00 | 6952.69 |
| | | | 12/14/16 | 25.34 | --- | 0.00 | 6952.03 |
| | | | 08/14/17 | 25.47 | --- | 0.00 | 6951.90 |
| | | | 02/19/18 | 25.82 | --- | 0.00 | 6951.55 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| MW-18 | 24 - 39 | 6979.04 [m] | 08/11/14 | 28.12 | --- | 0.00 | 6950.92 | |
| | | | 09/24/14 | 27.90 | --- | 0.00 | 6951.14 | |
| | | | 10/26/15 | 24.30 | --- | 0.00 | 6954.74 | |
| | | | 04/06/16 | 26.14 | --- | 0.00 | 6952.90 | |
| | | | 12/14/16 | 26.45 | --- | 0.00 | 6952.59 | |
| | | | 08/15/17 | 26.83 | --- | 0.00 | 6952.21 | |
| | | | 02/21/18 | 27.57 | --- | 0.00 | 6951.47 | |
| MW-19 | 24.5 - 39.5 | 6979.96 [m] | 08/11/14 | 29.21 | --- | 0.00 | 6950.75 | |
| | | | 10/26/15 | 25.76 | --- | 0.00 | 6954.20 | |
| | | | 04/07/16 | 27.15 | --- | 0.00 | 6952.81 | |
| | | | 12/14/16 | 27.81 | --- | 0.00 | 6952.15 | |
| | | | 08/14/17 | 27.69 | --- | 0.00 | 6952.27 | |
| | | | 02/21/18 | 28.41 | --- | 0.00 | 6951.55 | |
| MW-20 | 25 - 40 | 6981.70 [m] | 08/11/14 | 30.31 | --- | 0.00 | 6951.39 | |
| | | | 09/24/14 | 30.28 | --- | 0.00 | 6951.42 | |
| | | | 10/26/15 | 26.59 | --- | 0.00 | 6955.11 | |
| | | | 04/05/16 | 27.44 | --- | 0.00 | 6954.26 | |
| | | | 12/14/16 | 28.40 | --- | 0.00 | 6953.30 | |
| | | | 08/14/17 | 27.16 | --- | 0.00 | 6954.54 | |
| | | | 02/21/18 | 29.03 | --- | 0.00 | 6952.67 | |
| SFCMW-01 | 27 - 42 | 6983.72 | 04/22/09 | 32.85 | 31.86 | 0.99 | 6951.61 | c |
| | | | 04/28/09 | 32.81 | 31.59 | 1.22 | 6951.83 | c |
| | | | 05/11/09 | 32.97 | 31.34 | 1.63 | 6951.97 | c |
| | | | 06/26/09 | 33.23 | 31.13 | 2.10 | 6952.07 | c |
| | | | 06/30/09 | 33.21 | 31.12 | 2.09 | 6952.08 | c |
| | | | 07/02/09 | 33.21 | 31.16 | 2.05 | 6952.05 | c |
| | | | 07/06/09 | 32.13 | 31.49 | 0.64 | 6952.07 | c |
| | | | 07/10/09 | 31.63 | 31.59 | 0.04 | 6952.12 | c |
| | | | 07/17/09 | 31.78 | 31.54 | 0.24 | 6952.12 | c |
| | | | 07/24/09 | 31.61 | 31.60 | 0.01 | 6952.12 | c |
| | | | 07/27/09 | 31.85 | 31.55 | 0.30 | 6952.10 | c |
| | | | 07/31/09 | 31.61 | 31.59 | 0.02 | 6952.13 | c |
| | | | 08/04/09 | 31.62 | 31.60 | 0.02 | 6952.12 | c |
| | | | 08/07/09 | 31.79 | 31.52 | 0.27 | 6952.13 | c |
| | | | 08/11/09 | 31.62 | 31.60 | 0.02 | 6952.12 | c |
| | | | 08/14/09 | 31.62 | 31.60 | 0.02 | 6952.12 | c |
| | | | 08/18/09 | 31.62 | 31.59 | 0.03 | 6952.12 | c |
| | | | 08/21/09 | 31.61 | 31.59 | 0.02 | 6952.13 | c |
| | | | 03/23/10 | 31.06 | 30.73 | 0.33 | 6952.91 | |
| | | 6982.15 [e, g] | 10/03/11 | 38.31 | --- | Sheen | 6943.84 | |
| | | | 01/03/12 | 35.93 | --- | 0.00 | 6946.22 | |
| | | | 04/09/12 | 24.66 | --- | 0.00 | 6957.49 | |
| | | | 07/16/12 | 34.07 | --- | 0.00 | 6948.08 | |
| | | | 10/08/12 | 33.52 | --- | 0.00 | 6948.63 | |
| | | 6982.26 [j] | 01/07/13 | 33.08 | --- | 0.00 | 6949.18 | |
| | | | 01/07/13 | 33.05 | --- | 0.00 | 6949.21 | |
| | | | 06/24/13 | 33.06 | --- | 0.00 | 6949.20 | |
| | | | 07/20/13 | 32.79 | --- | 0.00 | 6949.47 | |
| | | | 07/25/13 | 32.85 | --- | 0.00 | 6949.41 | |
| | | | 08/08/13 | 32.70 | --- | 0.00 | 6949.56 | |
| | | | 08/22/13 | 32.66 | --- | 0.00 | 6949.60 | |
| | | | 09/17/13 | 32.45 | --- | 0.00 | 6949.81 | |
| | | | 09/26/13 | 32.39 | --- | 0.00 | 6949.87 | |
| | | | 10/10/13 | 32.25 | --- | 0.00 | 6950.01 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-01 (cont.) | 27 - 42 | 6982.26 [j] | 10/24/13 | 32.20 | --- | 0.00 | 6950.06 | |
| | | | 11/07/13 | 32.20 | --- | 0.00 | 6950.06 | |
| | | | 11/14/13 | 31.99 | --- | 0.00 | 6950.27 | |
| | | | 11/26/13 | 32.35 | --- | 0.00 | 6949.91 | |
| | | | 12/16/13 | 31.95 | --- | 0.00 | 6950.31 | |
| | | | 01/20/14 | 31.88 | --- | 0.00 | 6950.38 | |
| | | | 02/10/14 | 31.82 | --- | 0.00 | 6950.44 | |
| | | | 04/09/14 | 32.02 | --- | 0.00 | 6950.24 | |
| | | | 07/17/14 | 31.48 | --- | 0.00 | 6950.78 | |
| | | | 09/25/14 | 31.11 | --- | 0.00 | 6951.15 | |
| | | | 10/28/15 | 26.65 | --- | 0.00 | 6955.61 | |
| | | | 04/05/16 | 29.34 | --- | 0.00 | 6952.92 | |
| | | | 12/14/16 | 30.10 | --- | 0.00 | 6952.16 | |
| | | | 08/14/17 | 30.23 | --- | 0.00 | 6952.03 | |
| | | | 02/20/18 | 30.77 | --- | 0.00 | 6951.49 | |
| SFCMW-02 | 27 - 47 | 6984.45 | 04/22/09 | 33.12 | 32.87 | 0.25 | 6951.52 | c |
| | | | 04/28/09 | 32.88 | 32.55 | 0.33 | 6951.82 | c |
| | | | 05/11/09 | 32.79 | 32.40 | 0.39 | 6951.95 | c |
| | | | 06/26/09 | 32.86 | 32.24 | 0.62 | 6952.06 | c |
| | | | 06/30/09 | 32.89 | 32.21 | 0.68 | 6952.07 | c |
| | | | 07/10/09 | 32.80 | 32.20 | 0.60 | 6952.10 | c |
| | | | 07/17/09 | 32.71 | 32.23 | 0.48 | 6952.10 | c |
| | | | 07/21/09 | 32.71 | 32.23 | 0.48 | 6952.10 | c |
| | | | 07/24/09 | 32.61 | 32.25 | 0.36 | 6952.11 | c |
| | | | 07/27/09 | 32.59 | 32.26 | 0.33 | 6952.11 | c |
| | | | 07/31/09 | 32.54 | 32.27 | 0.27 | 6952.11 | c |
| | | | 08/07/09 | 32.42 | 32.28 | 0.14 | 6952.14 | c |
| | | | 08/14/09 | 32.40 | 32.30 | 0.10 | 6952.13 | c |
| | | | 08/21/09 | 32.36 | 32.31 | 0.05 | 6952.13 | c |
| | | | 03/23/10 | 31.62 | 31.52 | 0.10 | 6952.91 | |
| | | | 10/03/11 | 38.60 | --- | 0.00 | 6945.85 | |
| | | | 01/03/12 | 36.27 | --- | 0.00 | 6948.18 | |
| | | | 04/09/12 | 35.00 | --- | 0.00 | 6949.45 | |
| | | | 07/16/12 | 34.35 | --- | 0.00 | 6950.10 | |
| | | | 10/08/12 | 33.77 | --- | 0.00 | 6950.68 | |
| | | 6982.50 [j] | 01/07/13 | 33.38 | --- | 0.00 | 6949.12 | |
| | | | 04/01/13 | 33.30 | --- | 0.00 | 6949.20 | |
| | | | 06/24/13 | 33.20 | --- | 0.00 | 6949.30 | |
| | | | 09/17/13 | 32.65 | --- | 0.00 | 6949.85 | |
| | | | 12/16/13 | 32.25 | --- | 0.00 | 6950.25 | |
| | | | 01/20/14 | 32.10 | --- | 0.00 | 6950.40 | |
| | | | 02/10/14 | 32.08 | --- | 0.00 | 6950.42 | |
| | | | 04/09/14 | 32.29 | --- | 0.00 | 6950.21 | |
| | | | 07/14/14 | 31.73 | --- | 0.00 | 6950.77 | |
| | | | 09/26/14 | 31.43 | --- | 0.00 | 6951.07 | |
| | | | 10/28/15 | 27.02 | --- | 0.00 | 6955.48 | |
| | | | 04/05/16 | 29.58 | --- | 0.00 | 6952.92 | |
| | | | 12/14/16 | 30.35 | --- | 0.00 | 6952.15 | |
| | | | 08/14/17 | 30.51 | --- | 0.00 | 6951.99 | |
| | | | 02/20/18 | 30.97 | --- | 0.00 | 6951.53 | |
| SFCMW-03 | 27 - 47 | 6985.01 | 04/22/09 | 33.52 | 33.47 | 0.05 | 6951.53 | c |
| | | | 04/28/09 | 33.31 | --- | 0.00 | 6951.70 | c |
| | | | 05/11/09 | 33.13 | 33.08 | 0.05 | 6951.92 | c |
| | | | 06/26/09 | 32.96 | 32.95 | 0.01 | 6952.06 | c |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-03 (cont.) | 27 - 47 | 6985.01 | 06/30/09 | 33.02 | 32.92 | 0.10 | 6952.07 | c |
| | | | 07/10/09 | 33.02 | 32.91 | 0.11 | 6952.07 | c |
| | | | 07/17/09 | 33.03 | 32.91 | 0.12 | 6952.07 | c |
| | | | 07/24/09 | 33.03 | 32.91 | 0.12 | 6952.07 | c |
| | | | 07/31/09 | 33.02 | 32.91 | 0.11 | 6952.07 | c |
| | | | 08/07/09 | 33.02 | 32.89 | 0.13 | 6952.09 | c |
| | | | 08/14/09 | 33.03 | 32.89 | 0.14 | 6952.09 | c |
| | | | 08/21/09 | 33.05 | 32.90 | 0.15 | 6952.07 | c |
| | | | 03/23/10 | 32.41 | 32.21 | 0.20 | 6952.75 | |
| | | | 10/03/11 | 39.74 | --- | 0.00 | 6945.27 | |
| | | | 01/03/12 | 37.40 | --- | 0.00 | 6947.61 | |
| | | 6983.67 [e, g] | 04/09/12 | 36.09 | --- | 0.00 | 6947.58 | |
| | | | 07/16/12 | 35.45 | --- | 0.00 | 6948.22 | |
| | | | 10/08/12 | 35.12 | --- | 0.00 | 6948.55 | |
| | | 6983.74 [j] | 01/07/13 | 34.18 | --- | 0.00 | 6949.56 | |
| | | | 04/01/13 | 34.19 | --- | 0.00 | 6949.55 | |
| | | | 06/24/13 | 34.40 | --- | 0.00 | 6949.34 | |
| | | | 09/17/13 | 33.90 | --- | 0.00 | 6949.84 | |
| | | | 12/16/13 | 33.35 | --- | 0.00 | 6950.39 | |
| | | | 01/20/14 | 33.37 | --- | 0.00 | 6950.37 | |
| | | | 02/10/14 | 33.32 | --- | 0.00 | 6950.42 | |
| | | | 04/09/14 | 33.55 | --- | 0.00 | 6950.19 | |
| | | | 07/14/14 | 32.96 | --- | 0.00 | 6950.78 | |
| | | | 09/25/14 | 32.71 | --- | 0.00 | 6951.03 | |
| | | | 10/27/15 | 28.84 | --- | 0.00 | 6954.90 | |
| | | | 04/05/16 | 29.86 | --- | 0.00 | 6953.88 | |
| | | | 12/14/16 | 31.62 | --- | 0.00 | 6952.12 | |
| | | | 08/14/17 | 31.81 | --- | 0.00 | 6951.93 | |
| | | | 02/20/18 | 32.24 | --- | 0.00 | 6951.50 | |
| SFCMW-04 | 20 - 47 | 6984.65 | 04/22/09 | 33.27 | 33.02 | 0.25 | 6951.57 | c |
| | | | 04/28/09 | 33.02 | 32.81 | 0.21 | 6951.79 | c |
| | | | 05/11/09 | 32.87 | 32.67 | 0.20 | 6951.93 | c |
| | | | 06/26/09 | 32.87 | 32.52 | 0.35 | 6952.04 | c |
| | | | 06/30/09 | 33.00 | 32.48 | 0.52 | 6952.04 | c |
| | | | 07/10/09 | 32.77 | 32.49 | 0.28 | 6952.09 | c |
| | | | 07/17/09 | 32.63 | 32.53 | 0.10 | 6952.10 | c |
| | | | 07/21/09 | 32.63 | 32.55 | 0.08 | 6952.08 | c |
| | | | 07/24/09 | 32.60 | 32.55 | 0.05 | 6952.09 | c |
| | | | 07/27/09 | 32.59 | 32.54 | 0.05 | 6952.10 | c |
| | | | 07/31/09 | 32.59 | 32.54 | 0.05 | 6952.10 | c |
| | | | 08/07/09 | 32.56 | 32.53 | 0.03 | 6952.11 | c |
| | | | 08/14/09 | 32.61 | 32.54 | 0.07 | 6952.09 | c |
| | | | 08/21/09 | 32.65 | 32.53 | 0.12 | 6952.09 | c |
| | | | 03/23/10 | 32.08 | 31.97 | 0.11 | 6952.65 | |
| | | | 10/03/11 | Dry - presumed destroyed | | | | |
| | | | 01/03/12 | Plugged and abandoned | | | | |
| SFCMW-05 | 20 - 47 | 6983.85 | 04/22/09 | 34.11 | 31.57 | 2.54 | 6951.65 | c |
| | | | 04/28/09 | 33.93 | 31.46 | 2.47 | 6951.77 | c |
| | | | 05/11/09 | 33.65 | 31.35 | 2.30 | 6951.93 | c |
| | | | 06/26/09 | 33.38 | 31.27 | 2.11 | 6952.05 | c |
| | | | 06/30/09 | 33.37 | 31.26 | 2.11 | 6952.06 | c |
| | | | 07/02/09 | 33.33 | 31.29 | 2.04 | 6952.05 | c |
| | | | 07/06/09 | 33.20 | 31.31 | 1.89 | 6952.07 | c |
| | | | 07/10/09 | 31.63 | 31.59 | 0.04 | 6952.25 | c |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-05 (cont.) | 20 - 47 | 6983.85 | 07/17/09 | 33.16 | 32.30 | 0.86 | 6951.34 | c |
| | | | 07/24/09 | 33.22 | 31.29 | 1.93 | 6952.08 | c |
| | | | 07/27/09 | 33.17 | 31.29 | 1.88 | 6952.09 | c |
| | | | 07/31/09 | 32.56 | 31.49 | 1.07 | 6952.09 | c |
| | | | 08/04/09 | 32.46 | 31.52 | 0.94 | 6952.10 | c |
| | | | 08/07/09 | 32.77 | 31.41 | 1.36 | 6952.10 | c |
| | | | 08/14/09 | 33.14 | 31.32 | 1.82 | 6952.08 | c |
| | | | 08/21/09 | 31.78 | 31.76 | 0.02 | 6952.09 | c |
| | | | 03/23/10 | 31.78 | 30.95 | 0.83 | 6952.69 | |
| | | | 10/03/11 | Dry - presumed destroyed | | | | |
| | | | 01/03/12 | Plugged and abandoned | | | | |
| SFCMW-06 | 20 - 47 | 6981.02 | 04/22/09 | 29.36 | 29.30 | 0.06 | 6951.71 | c |
| | | | 04/28/09 | 29.26 | 29.20 | 0.06 | 6951.81 | c |
| | | | 05/11/09 | 29.14 | 29.07 | 0.07 | 6951.93 | c |
| | | | 06/26/09 | 29.18 | 28.93 | 0.25 | 6952.03 | c |
| | | | 06/30/09 | 29.15 | 28.90 | 0.25 | 6952.06 | c |
| | | | 07/10/09 | 29.12 | 28.88 | 0.24 | 6952.08 | c |
| | | | 07/17/09 | 29.15 | 28.88 | 0.27 | 6952.07 | c |
| | | | 07/24/09 | 29.15 | 28.86 | 0.29 | 6952.09 | c |
| | | | 07/31/09 | 29.08 | 28.90 | 0.18 | 6952.08 | c |
| | | | 08/07/09 | 28.96 | 28.92 | 0.04 | 6952.09 | c |
| | | | 08/14/09 | 28.97 | 28.93 | 0.04 | 6952.08 | c |
| | | | 08/21/09 | 28.98 | 28.95 | 0.03 | 6952.06 | c |
| | | | 03/23/10 | 28.25 | 28.24 | 0.01 | 6952.78 | |
| | | | 07/18/11 through 08/08/11 | Dry | | | | |
| | | | 08/22/11 | 38.21 | --- | 0.00 | 6942.81 | |
| | | | 09/06/11 | 37.88 | --- | 0.00 | 6943.14 | |
| | | | 10/03/11 | 36.71 | --- | 0.00 | 6944.31 | |
| | | | 10/17/11 | 36.49 | --- | 0.00 | 6944.53 | |
| | | | 11/01/11 | 35.85 | --- | 0.00 | 6945.17 | |
| | | | 11/15/11 | 35.36 | --- | 0.00 | 6945.66 | |
| | | | 01/03/12 | 34.44 | --- | 0.00 | 6946.58 | |
| | | | 04/09/12 | 33.28 | --- | 0.00 | 6947.74 | |
| | | 6980.77 [e, g] | 07/16/12 | 32.10 | --- | 0.00 | 6948.67 | |
| | | | 10/08/12 | 31.65 | --- | 0.00 | 6949.12 | |
| | | 6980.41 [j] | 01/07/13 | 31.30 | --- | 0.00 | 6949.11 | |
| | | | 04/01/13 | 31.13 | --- | 0.00 | 6949.28 | |
| | | | 06/24/13 | 31.07 | --- | 0.00 | 6949.34 | |
| | | | 09/17/13 | 30.37 | --- | 0.00 | 6950.04 | |
| | | | 12/16/13 | 30.15 | --- | 0.00 | 6950.26 | |
| | | | 01/20/14 | 30.03 | --- | 0.00 | 6950.38 | |
| | | | 02/10/14 | 30.00 | --- | 0.00 | 6950.41 | |
| | | | 04/08/14 | 30.25 | --- | 0.00 | 6950.16 | |
| | | | 07/14/14 | 29.35 | --- | 0.00 | 6951.06 | |
| | | | 09/26/14 | 29.36 | --- | 0.00 | 6951.05 | |
| | | | 10/27/15 | 25.85 | --- | 0.00 | 6954.56 | |
| | | | 04/04/16 | 27.83 | --- | 0.00 | 6952.58 | |
| | | | 12/14/16 | 28.49 | --- | 0.00 | 6951.92 | |
| | | | 08/14/17 | 28.53 | --- | 0.00 | 6951.88 | |
| | | | 02/20/18 | 29.00 | --- | 0.00 | 6951.41 | |
| SFCMW-07 | 24 - 34 | 6979.65 | 05/04/09 | 29.12 | --- | 0.00 | 6950.53 | c |
| | | | 05/11/09 | 28.88 | 27.42 | 1.46 | 6951.87 | c |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-07 (cont.) | 24 - 34 | 6979.65 | 06/26/09 | 29.06 | 27.18 | 1.88 | 6952.00 | c |
| | | | 06/30/09 | 29.03 | 27.15 | 1.88 | 6952.03 | c |
| | | | 07/10/09 | 28.65 | 27.27 | 1.38 | 6952.04 | c |
| | | | 07/17/09 | 28.67 | 27.30 | 1.37 | 6952.01 | c |
| | | | 07/21/09 | 28.74 | 27.29 | 1.45 | 6952.00 | c |
| | | | 07/24/09 | 28.70 | 27.30 | 1.40 | 6952.00 | c |
| | | | 07/31/09 | 28.66 | 27.31 | 1.35 | 6952.00 | c |
| | | | 08/07/09 | 28.54 | 27.32 | 1.22 | 6952.03 | c |
| | | | 08/14/09 | 28.56 | 27.30 | 1.26 | 6952.04 | c |
| | | | 08/21/09 | 28.53 | 27.30 | 1.23 | 6952.04 | c |
| | | | 11/07/09 | 27.23 | --- | 0.00 | 6952.42 | |
| | | | 03/23/10 | 28.06 | 26.81 | 1.25 | 6952.53 | |
| | | | 12/07/10 through 10/03/11 | Dry | | | | |
| | | | 01/03/12 | 31.62 | --- | 0.00 | 6948.03 | |
| | | | 04/09/12 | 32.37 | --- | 0.00 | 6947.28 | |
| | | | 07/16/12 | 31.58 | --- | 0.00 | 6948.07 | |
| | | | 10/08/12 | 30.84 | --- | 0.00 | 6948.81 | |
| | | 6980.42 [j] | 01/09/13 | 30.67 | --- | 0.00 | 6949.75 | |
| | | | 04/01/13 | 31.41 | --- | 0.00 | 6949.01 | |
| | | | 06/24/13 | 31.38 | --- | 0.00 | 6949.04 | |
| | | | 09/17/13 | 30.64 | --- | 0.00 | 6949.78 | |
| | | | 12/16/13 | 30.21 | --- | 0.00 | 6950.21 | |
| | | | 01/20/14 | 30.08 | --- | 0.00 | 6950.34 | |
| | | | 02/10/14 | 30.00 | --- | 0.00 | 6950.42 | |
| | | | 04/08/14 | 30.23 | --- | 0.00 | 6950.19 | |
| | | | 07/14/14 | 29.61 | --- | 0.00 | 6950.81 | |
| | | | 09/26/14 | 29.45 | --- | 0.00 | 6950.97 | |
| | | | 10/27/15 | 26.01 | --- | 0.00 | 6954.41 | |
| | | | 04/04/16 | 27.85 | --- | 0.00 | 6952.57 | |
| | | | 12/14/16 | 28.49 | --- | 0.00 | 6951.93 | |
| | | | 08/14/17 | 28.64 | --- | 0.00 | 6951.78 | |
| | | | 02/19/18 | 28.90 | --- | 0.00 | 6951.52 | |
| SFCMW-08 | 24 - 34 | 6978.89 | 05/04/09 | 29.85 | --- | 0.00 | 6949.04 | c |
| | | | 05/11/09 | 26.79 | --- | 0.00 | 6952.10 | c |
| | | | 05/28/09 | 26.81 | --- | 0.00 | 6952.08 | c |
| | | | 06/26/09 | 26.65 | --- | 0.00 | 6952.24 | c |
| | | | 07/20/09 | 26.63 | --- | 0.00 | 6952.26 | c |
| | | | 08/06/09 | 26.65 | --- | 0.00 | 6952.24 | c |
| | | | 08/17/09 | 26.56 | --- | 0.00 | 6952.33 | c |
| | | | 03/23/10 | 25.38 | --- | 0.00 | 6953.51 | |
| | | | 09/27/10 through 10/03/11 | Dry | | | | |
| | | | 01/03/12 | 31.99 | --- | 0.00 | 6946.90 | |
| | | | 04/09/12 | 30.85 | --- | 0.00 | 6948.04 | |
| | | | 07/16/12 | 30.34 | --- | 0.00 | 6948.55 | |
| | | | 10/08/12 | 30.91 | --- | 0.00 | 6947.98 | |
| | | | 01/07/13 | 30.47 | --- | 0.00 | 6948.42 | |
| | | | 04/01/13 | 30.50 | --- | 0.00 | 6948.39 | |
| | | | 06/24/13 | 30.20 | --- | 0.00 | 6948.69 | |
| | | | 09/17/13 | 28.48 | --- | 0.00 | 6950.41 | |
| | | | 12/16/13 | 29.23 | --- | 0.00 | 6949.66 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-08 (cont.) | 24 - 34 | 6978.89 | 01/20/14 | 29.34 | --- | 0.00 | 6949.55 | |
| | | | 02/10/14 | 29.37 | --- | 0.00 | 6949.52 | |
| | | | 04/07/14 | 29.63 | --- | 0.00 | 6949.26 | |
| | | | 07/14/14 | 28.05 | --- | 0.00 | 6950.84 | |
| | | | 10/27/15 | 24.70 | --- | 0.00 | 6954.19 | |
| | | | 04/07/16 | 26.53 | --- | 0.00 | 6952.36 | |
| | | | 12/14/16 | 27.74 | --- | 0.00 | 6951.15 | |
| | | | 08/14/17 | 27.73 | --- | 0.00 | 6951.16 | |
| | | | 02/20/18 | 28.44 | --- | 0.00 | 6950.45 | |
| SFCMW-09 | 23 - 33 | 6977.29 | 05/04/09 | 26.20 | --- | 0.00 | 6951.09 | c |
| | | | 05/11/09 | 26.19 | --- | 0.00 | 6951.10 | c |
| | | | 05/28/09 | 26.30 | --- | 0.00 | 6950.99 | c |
| | | | 06/26/09 | 26.31 | --- | 0.00 | 6950.98 | c |
| | | | 07/20/09 | 26.16 | --- | 0.00 | 6951.13 | c |
| | | | 08/07/09 | 26.12 | --- | 0.00 | 6951.17 | c |
| | | | 08/17/09 | 25.71 | --- | 0.00 | 6951.58 | c |
| | | | 03/23/10 | 24.66 | --- | 0.00 | 6952.63 | |
| | | | 09/27/10 | 26.33 | --- | 0.00 | 6950.96 | |
| | | | 10/25/10 | 26.71 | --- | 0.00 | 6950.58 | |
| | | | 12/06/10 | 28.41 | --- | 0.00 | 6948.88 | |
| | | | 03/09/11 | 29.22 | --- | 0.00 | 6948.07 | |
| | | | 06/14/11 | Well vault obstructed | | | | |
| | | | 10/03/11 | Dry | | | | |
| | | | 01/03/12 | Plugged and abandoned | | | | |
| SFCMW-09D | 43 - 48 | 6977.81 | 03/23/10 | 25.22 | --- | 0.00 | 6952.59 | |
| | | | 09/27/10 | 32.52 | --- | 0.00 | 6945.29 | |
| | | | 10/25/10 | 34.82 | --- | 0.00 | 6942.99 | |
| | | | 12/06/10 | 35.59 | --- | 0.00 | 6942.22 | |
| | | | 03/09/11 | 36.76 | --- | 0.00 | 6941.05 | |
| | | | 06/14/11 | 37.11 | --- | 0.00 | 6940.70 | |
| | | | 10/03/11 | 33.31 | --- | 0.00 | 6944.50 | |
| | | | 01/03/12 | 30.56 | --- | 0.00 | 6947.25 | |
| | | | 04/09/12 | 29.38 | --- | 0.00 | 6948.43 | |
| | | 6975.05 [j] | 07/16/12 | 28.85 | --- | 0.00 | 6948.96 | |
| | | | 10/08/12 | 26.25 | --- | 0.00 | 6951.56 | |
| | | | 01/07/13 | 25.75 | --- | 0.00 | 6952.06 | |
| | | | 04/01/13 | 25.81 | --- | 0.00 | 6952.00 | |
| | | | 06/24/13 | 25.75 | --- | 0.00 | 6952.06 | |
| | | | 09/17/13 | 25.09 | --- | 0.00 | 6952.72 | |
| | | | 12/16/13 | 24.80 | --- | 0.00 | 6953.01 | |
| | | | 01/20/13 | 24.75 | --- | 0.00 | 6953.06 | |
| | | | 02/10/13 | 24.61 | --- | 0.00 | 6953.20 | |
| | | | 04/07/13 | 24.93 | --- | 0.00 | 6952.88 | |
| | | | 07/14/13 | 23.98 | --- | 0.00 | 6953.83 | |
| | | | 12/14/16 | 23.20 | --- | 0.00 | 6954.61 | |
| | | | 08/14/17 | 23.25 | --- | 0.00 | 6954.56 | |
| SFCMW-10 | 25 - 40 | 6980.85 | 08/17/09 | 28.93 | 28.70 | 0.23 | 6952.09 | c |
| | | | 03/23/10 | 29.05 | 27.58 | 1.47 | 6952.90 | |
| | | | 12/06/10 through 08/08/11 | Dry | | | | |
| | | | 08/22/11 | 38.30 | --- | 0.00 | 6942.55 | |
| | | | 09/06/11 | 37.89 | --- | 0.00 | 6942.96 | |
| | | | 09/19/11 | 37.30 | --- | 0.00 | 6943.55 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-10 (cont.) | 25 - 40 | 6980.85 | 10/03/11 | 36.73 | --- | 0.00 | 6944.12 | |
| | | | 10/17/11 | 36.36 | --- | 0.00 | 6944.49 | |
| | | | 11/01/11 | 35.75 | --- | 0.00 | 6945.10 | |
| | | | 11/15/11 | 35.35 | --- | 0.00 | 6945.50 | |
| | | | 01/03/12 | 34.33 | --- | 0.00 | 6946.52 | |
| | | | 04/09/12 | 33.11 | --- | 0.00 | 6947.74 | |
| | | | 07/16/12 | 32.54 | --- | 0.00 | 6948.31 | |
| | | | 10/08/12 | 32.16 | --- | 0.00 | 6948.69 | |
| | | 6980.50 [j] | 01/07/13 | 31.25 | --- | 0.00 | 6949.25 | |
| | | | 04/01/13 | 31.25 | --- | 0.00 | 6949.25 | |
| | | | 06/24/13 | 31.21 | --- | 0.00 | 6949.29 | |
| | | | 07/20/13 | 31.02 | --- | 0.00 | 6949.48 | |
| | | | 07/25/13 | 31.10 | --- | 0.00 | 6949.40 | |
| | | | 08/08/13 | 31.05 | --- | 0.00 | 6949.45 | |
| | | | 08/22/13 | 30.90 | --- | 0.00 | 6949.60 | |
| | | | 09/17/13 | 30.65 | --- | 0.00 | 6949.85 | |
| | | | 09/26/13 | 30.70 | --- | 0.00 | 6949.80 | |
| | | | 10/10/13 | 30.50 | --- | 0.00 | 6950.00 | |
| | | | 10/24/13 | 30.49 | --- | 0.00 | 6950.01 | |
| | | | 11/07/13 | 30.40 | --- | 0.00 | 6950.10 | |
| | | | 11/14/13 | 30.30 | --- | 0.00 | 6950.20 | |
| | | | 11/26/13 | 30.60 | --- | 0.00 | 6949.90 | |
| | | | 12/16/13 | 30.20 | --- | 0.00 | 6950.30 | |
| | | | 01/20/14 | 30.10 | --- | 0.00 | 6950.40 | |
| | | | 02/10/14 | 30.05 | --- | 0.00 | 6950.45 | |
| | | | 04/09/14 | 30.30 | --- | 0.00 | 6950.20 | |
| | | | 07/17/14 | 29.70 | --- | 0.00 | 6950.80 | |
| | | | 09/25/14 | 29.42 | --- | 0.00 | 6951.08 | |
| | | | 10/27/15 | 25.11 | --- | 0.00 | 6955.39 | |
| | | | 04/05/16 | 27.62 | --- | 0.00 | 6952.88 | |
| | | | 12/14/16 | 28.30 | --- | 0.00 | 6952.20 | |
| | | | 08/14/17 | 28.42 | --- | 0.00 | 6952.08 | |
| | | | 02/20/18 | 28.95 | --- | 0.00 | 6951.55 | |
| SFCMW-11 | 22 - 37 | 6977.91 | 08/17/09 | 25.71 | --- | 0.00 | 6952.20 | [c] |
| | | | 11/07/09 | 25.74 | --- | 0.00 | 6952.17 | |
| | | | 03/23/10 | 25.24 | 25.23 | 0.01 | 6952.68 | |
| | | | 09/27/10 | 33.29 | 33.28 | 0.01 | 6944.63 | |
| | | | 10/25/10 | Dry | | | | |
| | | | 12/06/10 | Dry | | | | |
| | | | 03/09/11 | 34.52 | --- | 0.00 | 6943.39 | |
| | | | 06/14/11 | 33.61 | --- | 0.00 | 6944.30 | |
| | | | 10/03/11 | 33.54 | --- | 0.00 | 6944.37 | |
| | | | 01/03/12 | 30.71 | --- | 0.00 | 6947.20 | |
| | | | 04/09/12 | 30.16 | --- | 0.00 | 6947.75 | |
| | | | 07/16/12 | 29.56 | --- | 0.00 | 6948.35 | |
| | | | 10/08/12 | 29.09 | --- | 0.00 | 6948.82 | |
| | | | 01/07/13 | 28.75 | --- | 0.00 | 6949.16 | |
| | | | 04/01/13 | 28.65 | --- | 0.00 | 6949.26 | |
| | | | 06/24/13 | 28.60 | --- | 0.00 | 6949.31 | |
| | | | 09/17/13 | 28.14 | --- | 0.00 | 6949.77 | |
| | | | 12/16/13 | 27.70 | --- | 0.00 | 6950.21 | |
| | | | 01/20/14 | 27.60 | --- | 0.00 | 6950.31 | |
| | | | 02/10/14 | 27.54 | --- | 0.00 | 6950.37 | |
| | | | 04/08/14 | 27.74 | --- | 0.00 | 6950.17 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SFCMW-11 (cont.) | 22 - 37 | 6977.91 | 07/14/14 | 27.10 | --- | 0.00 | 6950.81 | |
| | | | 10/27/15 | 23.60 | --- | 0.00 | 6954.31 | |
| | | | 04/06/16 | 25.44 | --- | 0.00 | 6952.47 | |
| | | | 12/14/16 | 26.02 | --- | 0.00 | 6951.89 | |
| | | | 08/14/17 | 26.15 | --- | 0.00 | 6951.76 | |
| | | | 02/19/18 | 26.38 | --- | 0.00 | 6951.53 | |
| SFCMW-12 | 23 - 33 | 6977.87 | 08/17/09 | 25.73 | --- | 0.00 | 6952.14 | c |
| | | | 11/07/09 | 25.76 | --- | 0.00 | 6952.11 | |
| | | | 03/23/10 | 25.23 | --- | 0.00 | 6952.64 | |
| | | | 09/27/10 through 10/03/11 | Dry | | | | |
| | | | 01/03/12 | 30.81 | --- | 0.00 | 6947.06 | |
| | | | 04/09/12 | 30.07 | --- | 0.00 | 6947.80 | |
| | | | 07/16/12 | 29.35 | --- | 0.00 | 6948.52 | |
| | | | 10/08/12 | 28.96 | --- | 0.00 | 6948.91 | |
| | | 6977.79 [j] | 01/07/13 | 28.56 | --- | 0.00 | 6949.23 | |
| | | | 04/01/13 | 28.37 | --- | 0.00 | 6949.42 | |
| | | | 06/24/13 | 28.35 | --- | 0.00 | 6949.44 | |
| | | | 09/17/13 | 27.94 | --- | 0.00 | 6949.85 | |
| | | | 12/17/13 | 27.57 | --- | 0.00 | 6950.22 | |
| | | | 01/20/14 | 27.44 | --- | 0.00 | 6950.35 | |
| | | | 02/10/14 | 27.38 | --- | 0.00 | 6950.41 | |
| | | | 04/08/14 | 27.58 | --- | 0.00 | 6950.21 | |
| | | | 07/14/14 | 26.96 | --- | 0.00 | 6950.83 | |
| | | | 10/27/15 | 23.47 | --- | 0.00 | 6954.32 | |
| | | | 04/04/16 | 25.30 | --- | 0.00 | 6952.49 | |
| | | | 12/14/16 | 25.90 | --- | 0.00 | 6951.89 | |
| | | | 08/14/17 | 26.00 | --- | 0.00 | 6951.79 | |
| | | | 02/19/18 | 26.24 | --- | 0.00 | 6951.55 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SFRMW-01 | 16 - 31 | 6971.80 | 03/23/10 | 19.30 | --- | 0.00 | 6952.50 |
| | | | 09/27/10 | 25.94 | --- | 0.00 | 6945.86 |
| | | | 10/25/10 through 09/19/11 | Dry | | | |
| | | | 10/03/11 | 27.11 | --- | 0.00 | 6944.69 |
| | | | 10/17/11 | 26.86 | --- | 0.00 | 6944.94 |
| | | | 11/01/11 | 26.36 | --- | 0.00 | 6945.44 |
| | | | 11/15/11 | 25.93 | --- | 0.00 | 6945.87 |
| | | | 01/03/12 | 25.05 | --- | 0.00 | 6946.75 |
| | | | 04/09/12 | 23.87 | --- | 0.00 | 6947.93 |
| | | | 07/16/12 | 23.15 | --- | 0.00 | 6948.65 |
| | | | 10/08/12 | 22.74 | --- | 0.00 | 6949.06 |
| | | | 01/07/13 | 22.51 | --- | 0.00 | 6949.29 |
| | | | 04/01/13 | 22.37 | --- | 0.00 | 6949.43 |
| | | | 06/24/13 | 22.32 | --- | 0.00 | 6949.48 |
| | | | 09/17/13 | 21.93 | --- | 0.00 | 6949.87 |
| | | | 12/16/13 | 21.50 | --- | 0.00 | 6950.30 |
| | | | 07/14/14 | 20.95 | --- | 0.00 | 6950.85 |
| SFRMW-01D | 35 - 40 | 6972.05 | 09/27/10 | 25.60 | --- | 0.00 | 6946.45 |
| | | | 10/25/10 | 27.01 | --- | Sheen | 6945.04 |
| | | | 12/06/10 | 28.10 | --- | 0.00 | 6943.95 |
| | | | 03/09/11 | 29.12 | --- | 0.00 | 6942.93 |
| | | | 06/14/11 | 29.94 | --- | 0.00 | 6942.11 |
| | | | 10/03/11 | 27.11 | --- | 0.00 | 6944.94 |
| | | | 01/03/12 | 25.63 | --- | 0.00 | 6946.42 |
| | | | 04/09/12 | 23.98 | --- | 0.00 | 6948.07 |
| | | | 07/16/12 | 23.15 | --- | 0.00 | 6948.90 |
| | | | 10/08/12 | 22.90 | --- | 0.00 | 6949.15 |
| | | | 01/07/13 | 22.42 | --- | 0.00 | 6949.63 |
| | | | 04/01/13 | 22.50 | --- | 0.00 | 6949.55 |
| | | | 06/24/13 | 22.55 | --- | 0.00 | 6949.50 |
| | | | 09/17/13 | 22.22 | --- | 0.00 | 6949.83 |
| | | | 12/16/13 | 21.32 | --- | 0.00 | 6950.73 |
| | | | 07/14/14 | 20.95 | --- | 0.00 | 6951.10 |
| SFRMW-02 | 20 - 30 | 6976.74 | 09/27/10 | 26.71 | --- | 0.00 | 6950.03 |
| | | | 10/25/10 | 27.35 | --- | 0.00 | 6949.39 |
| | | | 12/06/10 | 28.36 | --- | 0.00 | 6948.38 |
| | | | 03/09/11 | 29.46 | --- | 0.00 | 6947.28 |
| | | | 06/14/11 | Dry | | | |
| | | | 10/03/11 | 28.00 | --- | 0.00 | 6948.74 |
| | | | 01/03/12 | 27.82 | --- | 0.00 | 6948.92 |
| | | | 04/09/12 | 27.38 | --- | 0.00 | 6949.36 |
| | | | 07/16/12 | 26.36 | --- | 0.00 | 6950.38 |
| | | | 10/08/12 | 25.64 | --- | 0.00 | 6951.10 |
| | | | 01/07/13 | 26.56 | --- | 0.00 | 6950.18 |
| | | | 04/01/13 | 26.50 | --- | 0.00 | 6950.24 |
| | | | 06/24/13 | 26.00 | --- | 0.00 | 6950.74 |
| | | | 09/17/13 | 25.70 | --- | 0.00 | 6951.04 |
| | | | 12/16/13 | 25.90 | --- | 0.00 | 6950.84 |
| | | | 01/20/14 | 25.95 | --- | 0.00 | 6950.79 |
| | | | 02/10/14 | 25.93 | --- | 0.00 | 6950.81 |
| | | | 04/07/14 | 25.98 | --- | 0.00 | 6950.76 |
| | | | 07/14/14 | 23.79 | --- | 0.00 | 6952.95 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) | |
|---|---|---|---|---|---|---|---|---|
| SVE-1 | 14 - 39 | 6982.01 | 07/10/09 | 30.07 | 29.62 | 0.45 | 6952.28 | c |
| | | | 07/17/09 | 29.95 | --- | 0.00 | 6952.06 | |
| | | | 07/20/09 | 29.82 | --- | 0.00 | 6952.19 | c |
| | | | 08/06/09 | 29.84 | 29.80 | 0.04 | 6952.20 | c |
| | | | 08/18/09 | 29.90 | 29.78 | 0.12 | 6952.20 | c |
| | | | 09/14/09 | 30.24 | 29.68 | 0.56 | 6952.19 | |
| | | | 09/29/09 | 30.09 | 29.64 | 0.45 | 6952.26 | |
| | | | 11/08/09 | 30.01 | 29.44 | 0.57 | 6952.43 | |
| | | | 11/13/09 | 29.96 | 29.39 | 0.57 | 6952.48 | |
| | | | 03/23/10 | 29.15 | 29.09 | 0.06 | 6952.91 | |
| | | 6981.91[e] | 09/27/10 | Not gauged or sampled | | | | |
| | | | 12/06/10 | Dry | | | | |
| | | | 10/03/11 | 37.62 | --- | 0.00 | 6944.29 | |
| | | | 01/03/12 | 32.13 | --- | 0.00 | 6949.78 | |
| | | | 04/09/12 | 31.98 | --- | 0.00 | 6949.93 | |
| | | | 07/16/12 | 31.38 | --- | 0.00 | 6950.53 | |
| | | | 10/08/12 | 31.41 | --- | 0.00 | 6950.50 | |
| | | | 01/07/13 | 31.82 | --- | 0.00 | 6950.09 | |
| | | | 04/01/13 | 32.37 | --- | 0.00 | 6949.54 | |
| | | | 06/24/13 | 32.20 | --- | 0.00 | 6949.71 | |
| | | | 07/20/13 | 32.04 | --- | 0.00 | 6949.87 | |
| | | | 09/17/13 | 31.75 | --- | 0.00 | 6950.16 | |
| | | | 11/07/13 | 31.50 | --- | 0.00 | 6950.41 | |
| | | | 12/16/13 | 31.75 | --- | 0.00 | 6950.16 | |
| | | | 01/20/14 | 31.45 | --- | 0.00 | 6950.46 | |
| | | | 02/10/14 | 31.43 | --- | 0.00 | 6950.48 | |
| | | | 04/08/14 | 31.61 | --- | 0.00 | 6950.30 | |
| | | | 07/14/14 | 31.08 | --- | 0.00 | 6950.83 | |
| | | | 09/26/14 | 29.92 | --- | 0.00 | 6951.99 | |
| | | | 10/26/15 | 24.59 | --- | 0.00 | 6957.32 | |
| | | | 04/04/16 | 28.70 | --- | 0.00 | 6953.21 | |
| | | | 12/14/16 | 29.29 | --- | 0.00 | 6952.62 | |
| | | | 08/14/17 | 29.03 | --- | 0.00 | 6952.88 | |
| | | | 02/21/18 | 30.09 | --- | 0.00 | 6951.82 | |
| SVE-2 | 14.2 - 39.2 | 6980.80 | 10/05/09 | 28.76 | --- | 0.00 | 6952.04 | |
| | | | 11/08/09 | 28.52 | --- | 0.00 | 6952.28 | |
| | | | 03/23/10 | 27.96 | --- | 0.00 | 6952.84 | |
| | | | 09/28/10 through 10/03/11 | Dry | | | | |
| | | | 01/03/12 | 34.37 | --- | 0.00 | 6946.43 | |
| | | | 04/09/12 | 33.17 | --- | 0.00 | 6947.63 | |
| | | | 07/16/12 | 32.58 | --- | 0.00 | 6948.22 | |
| | | | 10/08/12 | 32.00 | --- | 0.00 | 6948.80 | |
| | | | 01/07/13 | 31.54 | --- | 0.00 | 6949.26 | |
| | | | 04/01/13 | 31.56 | --- | 0.00 | 6949.24 | |
| | | | 06/24/13 | 31.52 | --- | 0.00 | 6949.28 | |
| | | | 07/25/13 | 31.40 | --- | 0.00 | 6949.40 | |
| | | | 08/08/13 | 31.30 | --- | 0.00 | 6949.50 | |
| | | | 08/22/13 | 31.30 | --- | 0.00 | 6949.50 | |
| | | | 09/17/13 | 31.00 | --- | 0.00 | 6949.80 | |
| | | | 09/26/13 | 30.90 | --- | 0.00 | 6949.90 | |
| | | | 10/10/13 | 30.80 | --- | 0.00 | 6950.00 | |
| | | | 10/24/13 | 30.80 | --- | 0.00 | 6950.00 | |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-2 (cont.) | 14.2 - 39.2 | 6980.80 | 11/14/13 | 30.30 | --- | 0.00 | 6950.50 |
| | | | 11/26/13 | 30.90 | --- | 0.00 | 6949.90 |
| | | | 12/16/13 | 30.50 | --- | 0.00 | 6950.30 |
| | | | 01/20/14 | 30.40 | --- | 0.00 | 6950.40 |
| | | | 02/10/14 | 30.42 | --- | 0.00 | 6950.38 |
| | | | 04/08/14 | 30.75 | --- | 0.00 | 6950.05 |
| | | | 07/14/14 | 30.06 | --- | 0.00 | 6950.74 |
| | | | 09/25/14 | 29.63 | --- | 0.00 | 6951.17 |
| | | | 10/27/15 | 25.54 | --- | 0.00 | 6955.26 |
| | | | 04/04/16 | 27.99 | --- | 0.00 | 6952.81 |
| | | | 12/14/16 | 28.59 | --- | 0.00 | 6952.21 |
| | | | 08/14/17 | 28.62 | --- | 0.00 | 6952.18 |
| | | | 02/21/18 | 29.40 | --- | 0.00 | 6951.40 |
| SVE-3 | 16.2 - 41.2 | 6981.10 | 10/04/09 | 29.05 | --- | 0.00 | 6952.05 |
| | | | 11/08/09 | 28.81 | --- | 0.00 | 6952.29 |
| | | | 03/23/10 | 29.35 | 27.90 | 1.45 | 6952.84 |
| | | 6980.98[e] | 09/27/10 | Not gauged or sampled | | | |
| | | | 12/06/10 | Dry | | | |
| | | | 10/03/11 | 37.01 | 36.40 | 0.61 | 6944.43 |
| | | | 10/17/11 | 33.98 | 33.90 | 0.08 | 6947.06 |
| | | | 11/01/11 | 34.43 | --- | Sheen | 6946.55 |
| | | | 11/15/11 | 34.06 | 34.03 | 0.03 | 6946.94 |
| | | | 11/28/11 | 33.28 | 33.25 | 0.03 | 6947.72 |
| | | | 01/03/12 | 32.39 | 32.38 | 0.01 | 6948.60 |
| | | | 04/09/12 | 31.68 | 31.66 | 0.02 | 6949.32 |
| | | | 07/16/12 | 30.38 | 30.36 | 0.02 | 6950.62 |
| | | | 10/08/12 | 32.07 | 32.00 | 0.07 | 6948.96 |
| | | | 01/07/13 | 31.58 | --- | Sheen | 6949.40 |
| | | | 04/01/13 | 31.70 | --- | Sheen | 6949.28 |
| | | | 06/24/13 | 31.83 | --- | Sheen | 6949.15 |
| | | | 07/20/13 | 31.47 | --- | 0.00 | 6949.51 |
| | | | 09/17/13 | 31.20 | --- | 0.00 | 6949.78 |
| | | | 10/10/13 | 31.40 | --- | 0.00 | 6949.58 |
| | | | 11/07/13 | 31.40 | --- | 0.00 | 6949.58 |
| | | | 12/16/13 | 29.80 | --- | 0.00 | 6951.18 |
| | | | 01/20/14 | 29.81 | --- | 0.00 | 6951.17 |
| | | | 02/10/14 | 30.67 | --- | 0.00 | 6950.31 |
| | | | 04/08/14 | 31.00 | --- | 0.00 | 6949.98 |
| | | | 07/14/14 | 30.27 | --- | 0.00 | 6950.71 |
| | | | 09/26/14 | 29.84 | --- | 0.00 | 6951.14 |
| | | | 10/27/15 | 26.63 | --- | 0.00 | 6954.35 |
| | | | 04/04/16 | 27.94 | --- | 0.00 | 6953.04 |
| | | | 12/15/16 | 28.54 | --- | 0.00 | 6952.44 |
| | | | 08/14/17 | 28.66 | --- | 0.00 | 6952.32 |
| | | | 02/21/18 | 29.44 | --- | 0.00 | 6951.54 |
| SVE-4 | 12 - 27 | 6984.66 | 11/08/09 | 21.07 | --- | 0.00 | 6963.59 |
| | | | 11/13/09 | 21.05 | --- | 0.00 | 6963.61 |
| | | | 03/23/10 | 22.19 | --- | 0.00 | 6962.47 |
| | | | 09/28/10 | 20.61 | --- | 0.00 | 6964.05 |
| | | | 12/06/10 | 20.94 | --- | 0.00 | 6963.72 |
| | | | 03/09/11 | 21.90 | --- | 0.00 | 6962.76 |
| | | | 06/14/11 | 23.06 | --- | 0.00 | 6961.60 |
| | | | 10/03/11 | 20.76 | --- | 0.00 | 6963.90 |
| | | | 01/03/12 | 21.01 | --- | 0.00 | 6963.65 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-4 (cont.) | 12 - 27 | 6984.66 | 04/09/12 | 22.48 | --- | 0.00 | 6962.18 |
| | | | 07/16/12 | 21.79 | --- | 0.00 | 6962.87 |
| | | | 10/08/12 | 20.66 | --- | 0.00 | 6964.00 |
| | | | 01/07/13 | 21.10 | --- | 0.00 | 6963.56 |
| | | | 04/01/13 | 22.65 | --- | 0.00 | 6962.01 |
| | | | 06/24/13 | 22.86 | --- | 0.00 | 6961.80 |
| | | | 07/20/13 | 22.34 | --- | 0.00 | 6962.32 |
| | | | 09/17/13 | 21.50 | --- | 0.00 | 6963.16 |
| | | | 11/07/13 | 20.85 | --- | 0.00 | 6963.81 |
| | | | 12/16/13 | 21.30 | --- | 0.00 | 6963.36 |
| | | | 01/20/14 | 21.93 | --- | 0.00 | 6962.73 |
| | | | 02/10/14 | 22.30 | --- | 0.00 | 6962.36 |
| | | | 04/07/14 | 23.65 | --- | 0.00 | 6961.01 |
| | | | 07/14/14 | 22.80 | --- | 0.00 | 6961.86 |
| | | | 10/26/15 | 19.39 | --- | 0.00 | 6965.27 |
| | | | 04/07/16 | 21.21 | --- | 0.00 | 6963.45 |
| | | | 12/15/16 | Could not get sounder past ozone emitter, emitter is stuck in well | | | |
| | | | 08/14/17 | Ozone emitter stuck in well | | | |
| SVE-5 | 15 - 40 | 6982.69 | 11/08/09 | 30.40 | 30.38 | 0.02 | 6952.31 |
| | | | 03/23/10 | 31.29 | 29.45 | 1.84 | 6952.78 |
| | | | 09/27/10 | Not gauged or sampled | | | |
| | | | 11/17/10 | 40.05 | --- | 0.00 | 6942.64 |
| | | | 12/06/10 through 06/14/11 | Dry | | | |
| | | | 10/03/11 | 38.91 | --- | 0.00 | 6943.78 |
| | | | 01/03/12 | 36.46 | --- | 0.00 | 6946.23 |
| | | | 04/09/12 | 35.12 | --- | 0.00 | 6947.57 |
| | | | 07/16/12 | 34.48 | --- | 0.00 | 6948.21 |
| | | | 10/08/12 | 33.90 | --- | 0.00 | 6948.79 |
| | | | 01/07/13 | 33.41 | --- | 0.00 | 6949.28 |
| | | | 04/01/13 | 33.33 | --- | 0.00 | 6949.36 |
| | | | 06/24/13 | 33.38 | --- | 0.00 | 6949.31 |
| | | | 09/17/13 | 32.95 | --- | 0.00 | 6949.74 |
| | | | 12/16/13 | 32.20 | --- | 0.00 | 6950.49 |
| | | | 01/20/14 | 32.21 | --- | 0.00 | 6950.48 |
| | | | 02/10/14 | 32.02 | --- | 0.00 | 6950.67 |
| | | | 04/08/14 | 33.22 | --- | 0.00 | 6949.47 |
| | | | 07/14/14 | 31.81 | --- | 0.00 | 6950.88 |
| | | | 10/26/15 | 26.25 | --- | 0.00 | 6956.44 |
| | | | 04/05/16 | 29.65 | --- | 0.00 | 6953.04 |
| | | | 12/14/16 | 29.86 | --- | 0.00 | 6952.83 |
| | | | 08/14/17 | 29.93 | --- | 0.00 | 6952.76 |
| | | | 02/21/18 | NM | --- | 0.00 | NM |
| SVE-6 | 20.5 - 40.5 | 6982.50 | 09/27/10 | Not gauged or sampled | | | |
| | | | 12/07/10 through 10/03/11 | Dry | | | |
| | | | 01/03/12 | 34.80 | --- | 0.00 | 6947.70 |
| | | | 04/09/12 | 33.92 | --- | 0.00 | 6948.58 |
| | | | 07/16/12 | 32.75 | --- | 0.00 | 6949.75 |
| | | | 10/08/12 | 33.71 | --- | 0.00 | 6948.79 |
| | | | 01/07/13 | 32.53 | --- | 0.00 | 6949.97 |
| | | | 04/01/13 | 33.15 | --- | 0.00 | 6949.35 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-6 (cont.) | 20.5 - 40.5 | 6982.50 | 06/24/13 | 33.27 | --- | 0.00 | 6949.23 |
| | | | 07/20/13 | 33.09 | --- | 0.00 | 6949.41 |
| | | | 09/17/13 | 32.80 | --- | 0.00 | 6949.70 |
| | | | 11/07/13 | 32.40 | --- | 0.00 | 6950.10 |
| | | | 12/16/13 | 32.20 | --- | 0.00 | 6950.30 |
| | | | 01/20/14 | 32.42 | --- | 0.00 | 6950.08 |
| | | | 02/10/14 | 32.10 | --- | 0.00 | 6950.40 |
| | | | 04/07/14 | 32.48 | --- | 0.00 | 6950.02 |
| | | | 07/14/14 | 31.78 | --- | 0.00 | 6950.72 |
| | | | 10/28/15 | Well blocked | | | |
| | | | 04/07/16 | 29.61 | --- | 0.00 | 6952.89 |
| | | | 12/16/16 | 30.31 | --- | 0.00 | 6952.19 |
| | | | 02/21/18 | 30.94 | --- | 0.00 | 6951.56 |
| SVE-7 | 20.5 - 40.5 | 6983.01 | 09/27/10 | Not gauged or sampled | | | |
| | | | 12/06/10 through 10/03/11 | Dry | | | |
| | | | 01/03/12 | 34.74 | --- | 0.00 | 6948.27 |
| | | | 04/09/12 | 33.85 | --- | 0.00 | 6949.16 |
| | | | 07/16/12 | 33.21 | --- | 0.00 | 6949.80 |
| | | | 10/08/12 | 34.20 | --- | 0.00 | 6948.81 |
| | | | 01/07/13 | 32.49 | --- | 0.00 | 6950.52 |
| | | | 04/01/13 | 32.18 | --- | 0.00 | 6950.83 |
| | | | 06/24/13 | 33.59 | --- | 0.00 | 6949.42 |
| | | | 09/17/13 | 33.20 | --- | 0.00 | 6949.81 |
| | | | 12/16/13 | 32.70 | --- | 0.00 | 6950.31 |
| | | | 01/20/14 | 32.68 | --- | 0.00 | 6950.33 |
| | | | 02/10/14 | 32.51 | --- | 0.00 | 6950.50 |
| | | | 04/07/14 | 32.71 | --- | 0.00 | 6950.30 |
| | | | 07/14/14 | 32.18 | --- | 0.00 | 6950.83 |
| | | | 10/28/15 | Well blocked | | | |
| | | | 04/07/16 | 30.01 | --- | 0.00 | 6953.00 |
| | | | 12/16/16 | 30.71 | --- | 0.00 | 6952.30 |
| | | | 08/14/17 | Well blocked | | | |
| | | | 02/21/18 | Well blocked | | | |
| SVE-8 | 20.5 - 35.5 | 6980.08 | 10/25/09 | 27.98 | --- | 0.00 | 6952.10 |
| | | | 03/23/10 | 27.55 | --- | 0.00 | 6952.53 |
| | | | 09/28/10 through 10/03/11 | Dry | | | |
| | | | 01/03/12 | 33.55 | --- | 0.00 | 6946.53 |
| | | | 04/09/12 | 32.32 | --- | 0.00 | 6947.76 |
| | | | 07/16/12 | 31.71 | --- | 0.00 | 6948.37 |
| | | | 10/08/12 | 31.23 | --- | 0.00 | 6948.85 |
| | | | 01/07/13 | 30.85 | --- | 0.00 | 6949.23 |
| | | | 04/01/13 | 30.37 | --- | 0.00 | 6949.71 |
| | | | 06/24/13 | 30.63 | --- | 0.00 | 6949.45 |
| | | | 09/17/13 | 30.21 | --- | 0.00 | 6949.87 |
| | | | 12/16/13 | 29.43 | --- | 0.00 | 6950.65 |
| | | | 01/20/14 | 29.62 | --- | 0.00 | 6950.46 |
| | | | 02/10/14 | 29.60 | --- | 0.00 | 6950.48 |
| | | | 04/07/14 | 29.90 | --- | 0.00 | 6950.18 |
| | | | 07/14/14 | 28.25 | --- | 0.00 | 6951.83 |
| | | | 10/26/15 | 25.59 | --- | 0.00 | 6954.49 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-8 (cont.) | 20.5 - 35.5 | 6980.08 | 04/06/16 | 27.42 | --- | 0.00 | 6952.66 |
| | | | 12/15/16 | 28.06 | --- | 0.00 | 6952.02 |
| | | | 08/14/17 | 27.70 | --- | 0.00 | 6952.38 |
| | | | 02/20/18 | 28.52 | --- | 0.00 | 6951.56 |
| SVE-9 | 19 - 34 | 6978.26 | 10/24/09 | 26.39 | 26.24 | 0.15 | 6951.98 |
| | | | 10/31/09 | 27.66 | 25.72 | 1.94 | 6952.06 |
| | | | 11/07/09 | 27.42 | 25.82 | 1.60 | 6952.04 |
| | | | 03/23/10 | 26.65 | 25.41 | 1.24 | 6952.54 |
| | | 6978.13[e] | 09/27/10 | Not gauged or sampled | | | |
| | | | 12/06/10 | Dry | | | |
| | | | 10/03/11 | Sump water | | | |
| | | | 01/03/12 | 29.82 | --- | 0.00 | 6948.31 |
| | | | 04/09/12 | 30.70 | --- | 0.00 | 6947.43 |
| | | | 07/16/12 | 29.98 | --- | 0.00 | 6948.15 |
| | | | 10/08/12 | 29.21 | --- | 0.00 | 6948.92 |
| | | | 01/07/13 | 29.03 | --- | 0.00 | 6949.10 |
| | | | 04/01/13 | 29.01 | --- | 0.00 | 6949.12 |
| | | | 06/24/13 | 28.80 | --- | 0.00 | 6949.33 |
| | | | 09/17/13 | 28.20 | --- | 0.00 | 6949.93 |
| | | | 12/16/13 | 27.87 | --- | 0.00 | 6950.26 |
| | | | 01/20/14 | 27.75 | --- | 0.00 | 6950.38 |
| | | | 02/10/14 | 27.50 | --- | 0.00 | 6950.63 |
| | | | 04/10/14 | 27.98 | --- | 0.00 | 6950.15 |
| | | | 07/14/14 | 23.25 | --- | 0.00 | 6954.88 |
| | | | 10/26/15 | 23.87 | --- | 0.00 | 6954.26 |
| | | | 04/07/16 | 25.57 | --- | 0.00 | 6952.56 |
| | | | 12/15/16 | 26.12 | --- | 0.00 | 6952.01 |
| | | | 08/14/17 | 26.24 | --- | 0.00 | 6951.89 |
| SVE-10D | 30 - 50 | 6980.49[f] | 12/07/10 | 37.27 | --- | 0.00 | 6943.22 |
| | | | 03/09/11 | 38.92 | --- | 0.00 | 6941.57 |
| | | | 06/14/11 | 38.73 | --- | 0.00 | 6941.76 |
| | | | 07/18/11 | 36.53 | --- | 0.00 | 6943.96 |
| | | | 07/22/11 | 36.67 | --- | 0.00 | 6943.82 |
| | | | 07/25/11 | 36.86 | --- | 0.00 | 6943.63 |
| | | | 08/01/11 | 37.31 | --- | 0.00 | 6943.18 |
| | | | 08/08/11 | 36.45 | --- | 0.00 | 6944.04 |
| | | | 08/22/11 | 37.75 | --- | 0.00 | 6942.74 |
| | | | 09/06/11 | 35.90 | --- | 0.00 | 6944.59 |
| | | | 09/19/11 | 36.50 | --- | 0.00 | 6943.99 |
| | | | 10/03/11 | 36.12 | --- | 0.00 | 6944.37 |
| | | | 10/17/11 | 33.82 | --- | 0.00 | 6946.67 |
| | | | 11/01/11 | 35.47 | --- | 0.00 | 6945.02 |
| | | | 11/15/11 | 34.75 | --- | 0.00 | 6945.74 |
| | | | 01/03/12 | 33.40 | --- | 0.00 | 6947.09 |
| | | | 04/09/12 | 32.81 | --- | 0.00 | 6947.68 |
| | | | 07/16/12 | 32.16 | --- | 0.00 | 6948.33 |
| | | 6979.49[f,g] | 10/08/12 | 29.92 | --- | 0.00 | 6949.57 |
| | | | 01/07/13 | 29.94 | --- | 0.00 | 6949.55 |
| | | | 04/01/13 | 30.26 | --- | 0.00 | 6949.23 |
| | | | 06/24/13 | 30.19 | --- | 0.00 | 6949.30 |
| | | | 09/17/13 | 29.75 | --- | 0.00 | 6949.74 |
| | | | 12/16/13 | 29.30 | --- | 0.00 | 6950.19 |
| | | | 01/20/14 | 29.07 | --- | 0.00 | 6950.42 |
| | | | 02/10/14 | 29.20 | --- | 0.00 | 6950.29 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-10D (cont.) | 30 - 50 | 6979.49 [f,g] | 04/07/14 | 29.29 | --- | 0.00 | 6950.20 |
| | | 6979.06 [m] | 07/14/14 | 28.24 | --- | 0.00 | 6950.82 |
| | | | 10/26/15 | 24.59 | --- | 0.00 | 6954.47 |
| | | | 04/07/16 | 27.40 | --- | 0.00 | 6951.66 |
| | | | 12/16/16 | 28.89 | --- | 0.00 | 6950.17 |
| | | | 08/14/17 | 27.13 | --- | 0.00 | 6951.93 |
| | | | 02/19/18 | 27.42 | --- | 0.00 | 6951.64 |
| SVE-11D | 30 - 50 | 6981.57 [f] | 12/06/10 | 41.16 | --- | 0.00 | 6940.41 |
| | | | 03/09/11 | 40.95 | --- | 0.00 | 6940.62 |
| | | | 06/14/11 | 40.32 | --- | 0.00 | 6941.25 |
| | | | 07/18/11 | 39.60 | --- | 0.00 | 6941.97 |
| | | | 07/22/11 | 40.08 | --- | 0.00 | 6941.49 |
| | | | 07/25/11 | 40.05 | --- | 0.00 | 6941.52 |
| | | | 08/01/11 | 40.44 | --- | 0.00 | 6941.13 |
| | | | 08/08/11 | 38.90 | --- | 0.00 | 6942.67 |
| | | | 08/22/11 | 39.40 | --- | 0.00 | 6942.17 |
| | | | 09/06/11 | 37.80 | --- | 0.00 | 6943.77 |
| | | | 09/19/11 | 38.44 | --- | 0.00 | 6943.13 |
| | | | 10/03/11 | 37.72 | --- | 0.00 | 6943.85 |
| | | | 10/17/11 | 36.81 | --- | 0.00 | 6944.76 |
| | | | 11/01/11 | 34.47 | --- | 0.00 | 6947.10 |
| | | | 11/15/11 | 36.10 | --- | 0.00 | 6945.47 |
| | | | 01/03/12 | 34.23 | --- | 0.00 | 6947.34 |
| | | | 04/09/12 | 33.97 | --- | 0.00 | 6947.60 |
| | | | 07/16/12 | 32.90 | --- | 0.00 | 6948.67 |
| | | | 10/08/12 | 32.75 | --- | 0.00 | 6948.82 |
| | | | 01/07/13 | 31.45 | --- | 0.00 | 6950.12 |
| | | | 04/01/13 | 32.11 | --- | 0.00 | 6949.46 |
| | | | 06/24/13 | 32.28 | --- | 0.00 | 6949.29 |
| | | | 07/25/13 | 32.18 | --- | 0.00 | 6949.39 |
| | | | 08/08/13 | 32.10 | --- | 0.00 | 6949.47 |
| | | | 08/22/13 | 32.02 | --- | 0.00 | 6949.55 |
| | | | 09/17/13 | 31.80 | --- | 0.00 | 6949.77 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| SVE-11D (cont.) | 30 - 50 | 6981.57[f] | 09/26/13 | 31.80 | --- | 0.00 | 6949.77 |
| | | | 10/10/13 | 31.70 | --- | 0.00 | 6949.87 |
| | | | 10/24/13 | 31.55 | --- | 0.00 | 6950.02 |
| | | | 11/14/13 | 31.30 | --- | 0.00 | 6950.27 |
| | | | 11/26/13 | 31.50 | --- | 0.00 | 6950.07 |
| | | | 12/16/13 | 31.25 | --- | 0.00 | 6950.32 |
| | | | 01/20/14 | 31.10 | --- | 0.00 | 6950.47 |
| | | | 02/10/14 | 31.10 | --- | 0.00 | 6950.47 |
| | | | 04/07/14 | 31.34 | --- | 0.00 | 6950.23 |
| | | | 07/14/14 | 30.77 | --- | 0.00 | 6950.80 |
| | | | 10/26/15 | 25.87 | --- | 0.00 | 6955.70 |
| | | | 04/05/16 | 28.59 | --- | 0.00 | 6952.98 |
| | | | 12/15/16 | 29.23 | --- | 0.00 | 6952.34 |
| | | | 08/15/17 | 29.35 | --- | 0.00 | 6952.22 |
| | | | 02/21/18 | 30.10 | --- | 0.00 | 6951.47 |
| TBAMW-03 | 18 - 38 | 6981.08[k] | 03/24/14 | 26.90 | --- | 0.00 | 6954.18 |
| | | | 04/07/14 | 26.10 | --- | 0.00 | 6954.98 |
| | | | 07/14/14 | 25.93 | --- | 0.00 | 6955.15 |
| TMW-06 | N/A | 6962.99 | 04/01/13 | 13.75 | --- | 0.00 | 6949.24 |
| | | | 06/24/13 | 13.61 | --- | 0.00 | 6949.38 |
| | | | 09/17/13 | 13.18 | --- | 0.00 | 6949.81 |
| | | | 12/16/13 | 12.70 | --- | 0.00 | 6950.29 |
| | | | 01/20/14 | 12.66 | --- | 0.00 | 6950.33 |
| | | | 02/10/14 | 12.60 | --- | 0.00 | 6950.39 |
| | | | 04/07/14 | 12.76 | --- | 0.00 | 6950.23 |
| | | | 07/14/14 | 12.18 | --- | 0.00 | 6950.81 |
| | | | 10/28/15 | Not gauged | | | |
| | | | 12/14/15 | Not gauged | | | |
| TMW-06D | N/A | 6963.08 | 04/01/13 | 13.82 | --- | 0.00 | 6949.26 |
| | | | 06/24/13 | 13.70 | --- | 0.00 | 6949.38 |
| | | | 09/17/13 | 13.12 | --- | 0.00 | 6949.96 |
| | | | 12/16/13 | 12.73 | --- | 0.00 | 6950.35 |
| | | | 01/20/14 | 12.74 | --- | 0.00 | 6950.34 |
| | | | 02/10/14 | 12.65 | --- | 0.00 | 6950.43 |
| | | | 04/07/14 | 12.85 | --- | 0.00 | 6950.23 |
| | | | 07/14/14 | 12.18 | --- | 0.00 | 6950.90 |
| | | | 10/28/15 | Not gauged | | | |
| | | | 12/14/15 | Not gauged | | | |
| TWN-1 | 24 - 39 | 6976.74[k] | 03/24/14 | 26.41 | --- | 0.00 | 6950.33 |
| | | | 04/07/14 | 26.55 | --- | 0.00 | 6950.19 |
| | | | 07/14/14 | 25.86 | --- | 0.00 | 6950.88 |
| | | | 10/26/15 | 23.02 | --- | 0.00 | 6953.72 |
| | | | 04/04/16 | 23.75 | --- | 0.00 | 6952.99 |
| | | | 12/14/16 | 24.67 | --- | 0.00 | 6952.07 |
| | | | 08/14/17 | 24.91 | --- | 0.00 | 6951.83 |
| | | | 02/19/18 | 25.23 | --- | 0.00 | 6951.51 |
| TWN-2 | 24.5 - 64.5 | 6977.55[k] | 03/24/14 | 27.22 | --- | 0.00 | 6950.33 |
| | | | 04/07/14 | 27.34 | --- | 0.00 | 6950.21 |
| | | | 07/14/14 | 26.66 | --- | 0.00 | 6950.89 |
| | | | 09/24/14 | 26.57 | --- | 0.00 | 6950.98 |
| | | | 10/26/15 | 23.31 | --- | 0.00 | 6954.24 |
| | | | 04/04/16 | 25.01 | --- | 0.00 | 6952.54 |
| | | | 12/14/16 | 25.52 | --- | 0.00 | 6952.03 |
| | | | 08/14/17 | 25.69 | --- | 0.00 | 6951.86 |

**Table 4. Summary of Historical Fluid Level Measurements**
**Santa Fe County Judicial Complex, Santa Fe, New Mexico**

| Well Name | Screened Interval (ft bgs) | Top of Casing Elevation [a] (ft msl) | Date Measured | Depth to Water (ft btoc) | Depth to NAPL (ft btoc) | NAPL Thickness (feet) | Groundwater Elevation [b] (ft msl) |
|---|---|---|---|---|---|---|---|
| TWN-2 (cont.) | 24.5 - 64.5 | 6977.55[k] | 02/20/18 | 25.99 | --- | 0.00 | 6951.56 |
| TWN-3 | 24 - 39 | 6977.16[k] | 03/24/14 | 26.86 | --- | 0.00 | 6950.30 |
| | | | 04/07/14 | 27.04 | --- | 0.00 | 6950.12 |
| | | | 07/14/14 | 26.29 | --- | 0.00 | 6950.87 |
| | | | 09/24/14 | 26.21 | --- | 0.00 | 6950.95 |
| | | | 10/26/15 | 27.85 | --- | 0.00 | 6949.31 |
| | | | 04/06/16 | 24.61 | --- | 0.00 | 6952.55 |
| | | | 12/14/16 | 25.14 | --- | 0.00 | 6952.02 |
| | | | 08/14/17 | 26.35 | --- | 0.00 | 6950.81 |
| | | | 02/20/18 | 25.56 | --- | 0.00 | 6951.60 |
| TWS-1 | 24 - 39 | 6979.93[k] | 03/24/14 | 29.65 | --- | 0.00 | 6950.28 |
| | | | 04/07/14 | 29.78 | --- | 0.00 | 6950.15 |
| | | | 07/14/14 | 29.11 | --- | 0.00 | 6950.82 |
| | | | 09/25/14 | 28.77 | --- | 0.00 | 6951.16 |
| | | | 10/27/15 | 24.67 | --- | 0.00 | 6955.26 |
| | | | 04/06/16 | 27.21 | --- | 0.00 | 6952.72 |
| | | | 12/14/16 | 27.77 | --- | 0.00 | 6952.16 |
| | | | 08/14/17 | 29.32 | --- | 0.00 | 6950.61 |
| | | | 02/21/18 | 28.49 | --- | 0.00 | 6951.44 |
| TWS-2 | 24 - 39 | 6984.35[k] | 03/24/14 | 33.90 | --- | 0.00 | 6950.45 |
| | | | 04/07/14 | 34.00 | --- | 0.00 | 6950.35 |
| | | | 07/14/14 | 33.73 | --- | 0.00 | 6950.62 |
| | | | 10/27/15 | 29.23 | --- | 0.00 | 6955.12 |
| | | | 04/07/16 | 31.02 | --- | 0.00 | 6953.33 |
| | | | 12/14/16 | 31.90 | --- | 0.00 | 6952.45 |
| | | | 08/14/17 | 31.24 | --- | 0.00 | 6953.11 |
| | | | 02/21/18 | 32.50 | --- | 0.00 | 6951.85 |
| TWS-3 | 24 - 39 | 6982.51[k] | 03/24/14 | 32.23 | --- | 0.00 | 6950.28 |
| | | | 04/07/14 | 32.31 | --- | 0.00 | 6950.20 |
| | | | 07/14/14 | 32.02 | --- | 0.00 | 6950.49 |
| | | | 10/27/15 | 27.51 | --- | 0.00 | 6955.00 |
| | | | 04/07/16 | 29.30 | --- | 0.00 | 6953.21 |
| | | | 12/14/16 | 30.28 | --- | 0.00 | 6952.23 |
| | | | 08/14/17 | 29.98 | --- | 0.00 | 6952.53 |
| | | | 02/21/18 | 30.86 | --- | 0.00 | 6951.65 |
| TWS-4 | 24 - 39 | 6982.74[k] | 03/24/14 | 32.40 | --- | 0.00 | 6950.34 |
| | | | 04/07/14 | 32.57 | --- | 0.00 | 6950.17 |
| | | | 07/14/14 | 32.05 | --- | 0.00 | 6950.69 |
| | | | 09/24/14 | 31.41 | --- | 0.00 | 6951.33 |
| | | | 10/27/15 | 26.64 | --- | 0.00 | 6956.10 |
| | | | 04/05/16 | 29.34 | --- | 0.00 | 6953.40 |
| | | | 12/14/16 | 29.78 | --- | 0.00 | 6952.96 |
| | | | 08/14/17 | 29.32 | --- | 0.00 | 6953.42 |
| | | | 02/21/18 | 31.02 | --- | 0.00 | 6951.72 |

[a] Surveyed by Surveying Control, November, 2009, unless otherwise noted.
[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:
GWE = TOC Elevation - ( DTW - (NAPL thickness x 0.75) ).
[c] Data provided by Intera, August 25, 2009.
[d] Cannot be determined due to unknown top of casing elevation.
[e] Surveyed by Surveying Control, August, 2010.
[f] Surveyed by Surveying Control, December, 2010.
[g] Survey completed when operating with former remediation system. Elevation reduced due to removal of TEE and appurtenances.
[h] Surveyed by Surveying Control, February 2012.
[j] Surveyed by Wayjohn Surveying, Inc., February 2013.
[k] Surveyed by Surveying Control, Inc., April, 2014
[m] Surveyed by Surveying Control, Inc., August, 2014

ft bgs = Feet below ground surface
ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
DTW = Depth to water
NAPL = Nonaqueous-phase liquid
NA = Not available

# Appendix 1

# Sampling Protocol

Ground water samples were collected as established in the New Mexico Underground Storage Tank Bureau *Guidelines for Corrective Action* promulgated March 2000.

Water levels were measured prior to sample collection using a cleaned water level probe beginning with least contaminated, or clean monitoring wells to the most contaminated monitoring wells. Water levels of each monitoring well were recorded on a field form or in a field book. The water level probe was washed with a Alconox wash and rinsed with distilled water prior to measuring water level in each monitoring well.

Monitoring wells were purged of three well bore volumes. Using clean gloves and disposable bailers or dedicated Waterra pump tubing, water samples were collected in appropriate laboratory supplied bottles, labeled with the date, time, sample site, monitoring well number, the desired laboratory analysis, and the name of the sampler. For sample to be analyzed for dissolved metals, groundwater was filtered through 45 □m filters and into appropriate bottles. All samples were then stored on ice.

Sample numbers were recorded on chain of custody forms and in a field notebook prior to delivery to Hall Environmental Analysis Laboratory.

# Appendix 3

# Field Notes, Copies

**Santa Fe County Judicial Complex State Lead**

**Job # 3223767**

Date: 2/19-21/18 Time On-site: 1000 Time Off-site: 1630 Sampled by: M Kelly, C. Parker

Weather conditions:

Equipment Used:

**Monitoring Well Data**

| MW ID | Total Depth | DTP | DTW | Gallons to purge | Gallons purged | Sampling Time | Cond. | Temp. | pH | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MW-1R | 36.8 | | 30.75 | 3.0 | 3.0 | 1645 | 2747 | 13.0 | 6.94 | Dark gray/Strong HC odor |
| MW-2 | 36.2 | | 28.48 | 3.8 | 1/Dry | 1420 | 7110 | 14.0 | 6.95 | Muddy/No odor going Dry @ 1 gal |
| MW-4R | 42.5 | | 31.21 | 2.8 | 3.0 | 1420 | 2379 | 13.7 | 7.33 | Sl Silty, Mild odor |
| MW-5 | 39.7 | | 31.76 | 4 | 4 | 0830 | 746 | 13.54 | 7.53 | — |
| MW-6 | 39.5 | | — | — | — | 1335 | — | 15.7 | 6.54 | — |
| MW-7 | 39.0 | | 31.96 | 3.5 | 3.5 | 1035 | 515 | 13.61 | 7.15 | Sl Silty, Clear Mild odor |
| MW-8 | 39.9 | | 32.94 | 3.5 | 3.5 | 1015 | 1162 | 13.67 | 7.15 | Tan Silty/No odor |
| MW-9 | 43.9 | | 33.91 | 5.0 | 5.0 | 0940 | 1053 | 12.61 | 7.48 | Tan Silty/No odor |
| MW-10 | 42.1 | | 32.83 | 4.6 | 4.6 | 0915 | 579 | 1253 | 7.70 | Tan Sl. Silty/ No odor |
| MW-11 | 34.3 | | 26.65 | 3.8 | 4.0 | 1510 | 1178 | 14.5 | 11.28 | yellow color/ Strong odor |
| MW-12 | 34.5 | | ~~25.80~~ 27.65 | ~~Stable~~ 5.5 | 3.5 | ~~0940~~ 1448 | ~~842~~ 842 | ~~12.11~~ 15.13 | 7.88 | — |
| MW-13 | 39.0 | | 25.80 | Stable | — | 1113 | 742 | 15.3 | 7.91 | — |
| MW-14 | 43.9 | | 26.46 | Stable | — | 1408 | 2090 | 15.9 | 12.00 | Cloudy/Slight odor/ ORC |
| MW-15 | 45.3 | | 25.92 | Stable | — | 1113 | 1092 | 15.8 | 7.05 | Clear/No odor |
| MW-17 | 36.5 | | 25.82 | 5.34 | 6 | 1216 | 1550 | 15.6 | 7.09 | Muddy/No odor |
| MW-18 | 38.1 | | 27.57 | 5.20 | 5.33 | 1345 | 2058 | 13.9 | 7.26 | Muddy/No odor |
| MW-19 | 38.2 | | 28.41 | 4.9 | 5 | 1421 | 3692 | 15.4 | 7.15 | Muddy/No odor |
| MW-20 | 40.1 | | 29.03 | 5.5 | 5.5 | 1325 | 763 | 13.22 | 7.77 | Tan Silty/No odor |
| CMW-1 | 34.8 | | 25.33 | 4.7 | 3.66/ Dry | 1540 | ~~1355~~ 968 | 11.8 | ~~7.35~~ 7.89 | ~~Muddy~~ Clear/Mild HC odor |
| CMW-2 | 30.8 | | 24.63 | 3.1 | 2.33/ Dry | 1540 | 1353 | 11.0 | 7.06 | Muddy/Mild HC odor |
| CMW-3R | 35.8 | | 23.93 | 5.5 | 4.5 | 1528 | 1824 | 14.5 | 6.94 | Dry after 4.5 gal mod. HC odor |
| CMW-4 | 31.8 | | 22.58 | 8.82 | | 1428 | 1643 | 12.6 | 7.45 | Cloudy/Strong HC odor |
| CMW-5 | 41.5 | | 31.40 | 5 | 5 | 750 | | | | |
| SFCMW-01 | 39.3 | | 30.77 | Stable | — | 1430 | 1384 | 15.9 | 13.84 | Green Hue/Strong odor |
| SFCMW-02 | 42.6 | | 30.97 | Stable | — | 1355 | 1087 | 15.7 | 7.01 | Cloudy/Strong odor |

Notes: 8260B, 504.1

**Santa Fe County Judicial Complex State Lead**

**Job # 3223767**

Date: _____ Time On-site: _____ Time Off-site: _____ Sampled by: _____

Weather conditions: _____

Equipment Used:

**Monitoring Well Data**

| MW ID | Total Depth | DTP | DTW | Gallons to purge | Gallons purged | Sampling Time | Cond. | Temp. | pH | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| SFCMW-03 | 39.8 | | 32.24 | Stable | — | 1310 | 930 | 14.9 | 7.08 | Cloudy / Mod HC odor |
| SFCMW-06 | 37.9 | | 29.00 | Stable | — | 1221 | 1450 | 15.4 | 7.54 | Cloudy / Mild HC odor |
| SFCMW-07 | 34.4 | | 28.90 | 2.75 | 3 | 1246 | 801 | 16.2 | 7.47 | Cloudy Brown / Hc Odor |
| SFCMW-08 | 34.5 | | 28.44 | 3 | 3 | 1110 | 3.8 | 15.3 | 7.68 | Sl. Cloudy / Tan / No odor |
| SFCMW-10 | 33.9 | | 28.95 | 9.75 | | | | | | |
| SFCMW-11 | 36.3 | | 26.38 | 19.8 | | 0940 | 6.95 | 15.9 | 6.95 | Cloudy / No odor |
| SFCMW-12 | 32.9 | | 26.24 | 3.33 | 3.33 | 1200 | 2485 | 15.5 | 7.04 | Muddy / No odor |
| TWS-1 | 37.9 | | 28.49 | 4.7 | 5.0 | 1255 | 2949 | 13.6 | 7.02 | Muddy / No odor |
| TWS-2 | 39.2 | | 32.80 | 3.4 | 3.5 | 1230 | 1043 | 12.8 | 7.48 | Sl. Silty / No odor |
| TWS-3 | 38.9 | | 30.86 | 4.0 | 4.0 | 1305 | 1089 | 13.5 | 7.51 | Tan / Silty / No odor |
| TWS-4 | 38.9 | | 31.02 | 4.0 | 4.0 | 1345 | 926 | 13.5 | 10.69 | Sl Silty / Mild HC odor |
| TWN-1 | 36.7 | | 25.23 | 5.7 | 6.0 | 1109 | 2111 | 15.8 | 6.92 | Muddy / No odor |
| TWN-2 | 63.8 | | 25.99 | Stable | — | 1040 | 1591 | 15.5 | 11.70 | Muddy / HC odor |
| TWN-3 | 36.2 | | 25.56 | 5.32 | 5.33 | 1535 | 1599 | 15.9 | 7.94 | Muddy / No odor |
| SVE-1 | 38.6 | | 30.09 | 17.0 | 7.0/Dry | 1145 | 6930 | 13.7 | 12.73 | Muddy / Hc odor |
| SVE-2 | 39.0 | | 29.40 | | | | | | | Grab Sample |
| SVE-3 | 39.5 | | 29.44 | 20.1 | Dry Well | 1244 | 3193 | 15.9 | 6.81 | |
| ~~SVE-4~~ | | | | | | | | | | |
| SVE-5 | 39.7 | | | | | | | | | Grab Sample |
| SVE-6 | 38.0 | | 30.94 | 7.56 | 8.0 | 1033 | 1021 | 14.5 | 7.03 | Grey / Strong HC Odor |
| SVE-7 | 38.5 | | | | | | | | | Obstructed |
| SVE-8 | 34.8 | | 28.52 | Stable | — | 1145 | 2550 | 14.5 | 7.38 | Clear / No odor |
| SVE-9 | 34.2 | | | | | | | | | |
| SVE-10D | 39.7 | | 27.42 | 24.7 | 25.0 | 1325 | 865 | 15.3 | 7.60 | Clear / No Odor |
| SVE-11 | 47.4 | | 30.10 | 34.6 | 35.0 | 1209 | 1874 | 14.9 | 7.82 | Brown / Mild HC Odor |

Notes: 8260B, 504.1

SFJC 2/19/18 M. Kelly & C. Parker

| Well | Time | pH | T (°C) | EC (µc/sm) |
|---|---|---|---|---|
| MW-15 | 1050 | 7.17 | 16 | 1032 |
| | 1055 | 7.20 | 15.7 | 1014 |
| | 1100 | 7.10 | 15.9 | 1030 |
| | 1105 | 7.05 | 15.90 | 1072 |
| | 1110 | 7.05 | 15.80 | 1072 |
| | 1113 | —— | Sampled | —— |
| MW-14 | 1347 | 12.17 | 15.6 | 3068 |
| | 1352 | 12.12 | 16.1 | 2823 |
| | 1357 | 12.07 | 15.6 | 2413 |
| | 1402 | 12.08 | 15.9 | 2093 |

02/20/18

| SFC | Time | pH | T (°C) | EC (µc/sm) |
|---|---|---|---|---|
| SFCMW-11 | 0910 | 6.74 | 15.1 | 1417 |
| 16.2 µC EC 12 .6 ppm | 0915 | 6.97 | 15.6 | 1470 |
| | 0920 | 7.01 | 15.4 | 1483 |
| | 0925 | 6.96 | 14.8 | 1547 |
| | 0931 | 6.96 | 15.9 | 1584 |
| | 0935 | 6.95 | 15.9 | 1529 |
| TWN-2 | 10:06 | 11.90 | 14.5 | 1933 |
| | 10:11 | 11.97 | 15.0 | 2261 |
| | 1018 | 12.00 | 14.3 | 2220 |
| | 10:21 | 11.90 | 14.6 | 1953 |
| | 1026 | 11.82 | 15.1 | 1839 |

SFCJC 2/20/18 C. Parker + M. Kelly

GW Monitoring

| Well | Time | pH | T(°C) | Ec (µS/cm) |
|---|---|---|---|---|
| TWN-2 | 1031 | 11.78 | 15.0 | 1768 |
| | 1036 | 11.70 | 15.50 | 1591 |
| MW-13 | 1055 | 8.7 | 13.5 | 744 |
| | 1100 | 7.94 | 15.2 | 746 |
| | 1105 | 7.91 | 15.3 | 742 |
| SVE-8 | 1135 | 7.39 | 14.4 | 2543 |
| | 1140 | 7.38 | 14.5 | 2550 |
| SFCMW-6 | 1203 | 7.60 | 14.8 | 1477 |
| | 1208 | 7.57 | 15.6 | 1455 |
| | 1212 | 7.58 | 15.8 | 1441 |
| | 1217 | 7.54 | 15.4 | 1450 |
| SFCMW-03 | 1248 | 7.10 | 14.2 | 948 |
| | 1253 | 7.01 | 15.6 | 910 |
| | 1258 | 7.00 | 16.1 | 916 |
| | 1303 | 7.02 | 16.0 | 920 |
| | 1308 | 7.08 | 14.9 | 930 |
| ~~SFCMW-02~~ | | | | |
| SFCMW-02 | 1330 | 7.01 | 15.9 | 1163 |
| | 1335 | 7.01 | 15.5 | 1125 |
| | 1340 | 7.01 | 15.3 | 1108 |
| | 1348 | 7.01 | 15.7 | 1087 |

SFCJC 2/20/18 Cimmer + M. Kelly

GW Monitoring

| Well | Time | Cond | PH | Temp | |
|---|---|---|---|---|---|
| SFCMW-01 | 1404 | 1383 | 7.02 | 15.1 | |
| | 1410 | 1396 | 7.01 | 15.5 | |
| | 1415 | 1383 | 7.01 | 15.9 | |
| | 1417 | 1384 | 7.02 | 15.9 | |
| SSPCMW-10 | 1442 | 1575 | 6.58 | 15.7 | |
| | 1447 | 1546 | 6.60 | 15.2 | |
| CMW-4 | 1638 | 1643 | 7.45 | 12.6 | Cloudy/ Strong HC odor |
| SVE-3 | 1234 | 2684 | 7.34 | 15.6 | |

SFCJC
GW Monitoring

2/21/18

CParkes + MKelly

| | Time | Cond | PH | Temp |
|---|---|---|---|---|
| SVE-3 | 1234 | 2884 | 7.34 | 15.6 |
| | 1239 | 2889 | 6.56 | 16.1 |
| | 1244 | 3193 | 6.81 | 15.9 |

SVE-2 Dry

| | | | | |
|---|---|---|---|---|
| SVE-5 | 15:05 | 2007 | 9.89 | 15.4 |
| | 15:10 | 1990 | 9.37 | 16.0 |
| | 1515 | 2019 | 9.01 | 16.1 |
| | 1520 | ~~280~~ 2076 | 8.16 | 16.5 |
| | 1525 | Going Dry | | |

# Appendix 6

# Laboratory Results

*Hall Environmental Analysis Laboratory*
*4901 Hawkins NE*
*Albuquerque, NM 87109*
*TEL: 505-345-3975 FAX: 505-345-4107*
*Website: www.hallenvironmental.com*

March 05, 2018

Alan Eschenbacher

Souder, Miller & Associates
2904 Rodeo Park Drive East
Building 100
Santa Fe, NM 87505
TEL: (505) 473-9211
FAX (505) 471-6675

RE: Santa Fe Judicial Complex OrderNo.: 1802C72

Dear Alan Eschenbacher:

Hall Environmental Analysis Laboratory received 49 sample(s) on 2/22/2018 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-6
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:35:00 AM
**Lab ID:** 1802C72-001 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.061 | 0.0094 | | µg/L | 1 | 2/27/2018 12:21:39 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Toluene | 33 | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Ethylbenzene | 170 | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | 1400 | 100 | | µg/L | 100 | 2/27/2018 12:12:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | 180 | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Naphthalene | 480 | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1-Methylnaphthalene | 100 | 40 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 2-Methylnaphthalene | 110 | 40 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Acetone | ND | 100 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Bromobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Bromodichloromethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Bromoform | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Bromomethane | ND | 30 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 2-Butanone | ND | 100 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Carbon disulfide | ND | 100 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Carbon Tetrachloride | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Chlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Chloroethane | ND | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Chloroform | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Chloromethane | ND | 30 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 2-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 4-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| cis-1,2-DCE | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Dibromochloromethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Dibromomethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-6
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:35:00 AM
**Lab ID:** 1802C72-001 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Hexachlorobutadiene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 2-Hexanone | ND | 100 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Isopropylbenzene | 33 | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 100 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Methylene Chloride | ND | 30 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| n-Butylbenzene | ND | 30 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| n-Propylbenzene | 89 | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| sec-Butylbenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Styrene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| tert-Butylbenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| trans-1,2-DCE | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 20 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Vinyl chloride | ND | 10 | | µg/L | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Xylenes, Total | 2000 | 150 | | µg/L | 100 | 2/27/2018 12:12:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.8 | 70-130 | | %Rec | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 79.4 | 70-130 | | %Rec | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Surr: Dibromofluoromethane | 89.3 | 70-130 | | %Rec | 10 | 2/27/2018 12:36:00 PM | R49408 |
| Surr: Toluene-d8 | 87.1 | 70-130 | | %Rec | 10 | 2/27/2018 12:36:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-7
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:35:00 AM
**Lab ID:** 1802C72-002
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 12:36:49 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Toluene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Ethylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Naphthalene | 25 | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1-Methylnaphthalene | 44 | 8.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 8.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Acetone | ND | 20 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Bromobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Bromodichloromethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Bromoform | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Bromomethane | ND | 6.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 2-Butanone | ND | 20 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Carbon disulfide | ND | 20 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Carbon Tetrachloride | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Chlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Chloroethane | ND | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Chloroform | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Chloromethane | ND | 6.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 2-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 4-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| cis-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Dibromochloromethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Dibromomethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-7
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:35:00 AM
**Lab ID:** 1802C72-002
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Hexachlorobutadiene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 2-Hexanone | ND | 20 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Isopropylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 20 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Methylene Chloride | ND | 6.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| n-Butylbenzene | ND | 6.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| n-Propylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| sec-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Styrene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| tert-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| trans-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Trichlorofluoromethane | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 4.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Vinyl chloride | ND | 2.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Xylenes, Total | ND | 3.0 | | µg/L | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.5 | 70-130 | | %Rec | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.4 | 70-130 | | %Rec | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.5 | 70-130 | | %Rec | 2 | 2/27/2018 1:48:00 PM | R49408 |
| Surr: Toluene-d8 | 88.4 | 70-130 | | %Rec | 2 | 2/27/2018 1:48:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-8
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:15:00 AM
**Lab ID:** 1802C72-003
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 1:07:17 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-8
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:15:00 AM
**Lab ID:** 1802C72-003
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.2 | 70-130 | | %Rec | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.4 | 70-130 | | %Rec | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Surr: Dibromofluoromethane | 89.1 | 70-130 | | %Rec | 1 | 2/27/2018 2:12:00 PM | R49408 |
| Surr: Toluene-d8 | 88.0 | 70-130 | | %Rec | 1 | 2/27/2018 2:12:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-9
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 9:40:00 AM
**Lab ID:** 1802C72-004
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 1:22:28 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-9
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 9:40:00 AM
**Lab ID:** 1802C72-004
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.9 | 70-130 | | %Rec | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.6 | 70-130 | | %Rec | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.9 | 70-130 | | %Rec | 1 | 2/27/2018 2:35:00 PM | R49408 |
| Surr: Toluene-d8 | 87.4 | 70-130 | | %Rec | 1 | 2/27/2018 2:35:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-10
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 9:15:00 AM
**Lab ID:** 1802C72-005
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 1:37:36 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Bromodichloromethane | 1.0 | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Chloroform | 3.5 | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-10
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 9:15:00 AM
**Lab ID:** 1802C72-005
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.7 | 70-130 | | %Rec | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.7 | 70-130 | | %Rec | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.2 | 70-130 | | %Rec | 1 | 2/27/2018 2:59:00 PM | R49408 |
| Surr: Toluene-d8 | 86.7 | 70-130 | | %Rec | 1 | 2/27/2018 2:59:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 7:50:00 AM
**Lab ID:** 1802C72-006
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 1:52:51 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 7:50:00 AM
**Lab ID:** 1802C72-006
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.3 | 70-130 | | %Rec | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.3 | 70-130 | | %Rec | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Surr: Dibromofluoromethane | 86.2 | 70-130 | | %Rec | 1 | 2/27/2018 3:22:00 PM | R49408 |
| Surr: Toluene-d8 | 87.1 | 70-130 | | %Rec | 1 | 2/27/2018 3:22:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 8:30:00 AM
**Lab ID:** 1802C72-007
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 2:08:14 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Chloroform | 1.5 | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 8:30:00 AM
**Lab ID:** 1802C72-007
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 89.5 | 70-130 | | %Rec | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.1 | 70-130 | | %Rec | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.2 | 70-130 | | %Rec | 1 | 2/27/2018 3:46:00 PM | R49408 |
| Surr: Toluene-d8 | 88.6 | 70-130 | | %Rec | 1 | 2/27/2018 3:46:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-12
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 9:00:00 AM
**Lab ID:** 1802C72-008
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 2:23:40 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Chloroform | 2.5 | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-12
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 9:00:00 AM
**Lab ID:** 1802C72-008
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 89.6 | 70-130 | | %Rec | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.9 | 70-130 | | %Rec | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Surr: Dibromofluoromethane | 87.0 | 70-130 | | %Rec | 1 | 2/27/2018 4:10:00 PM | R49408 |
| Surr: Toluene-d8 | 87.9 | 70-130 | | %Rec | 1 | 2/27/2018 4:10:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-11
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 3:10:00 PM
**Lab ID:** 1802C72-009
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 3.6 | 0.94 | | µg/L | 100 | 2/28/2018 8:32:24 AM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Toluene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Ethylbenzene | 110 | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | 670 | 50 | | µg/L | 50 | 2/27/2018 4:33:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | 200 | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Naphthalene | 350 | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1-Methylnaphthalene | 46 | 20 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 2-Methylnaphthalene | 49 | 20 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Acetone | 1700 | 500 | | µg/L | 50 | 2/27/2018 4:33:00 PM | R49408 |
| Bromobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Bromodichloromethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Bromoform | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Bromomethane | ND | 15 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 2-Butanone | 700 | 50 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Carbon disulfide | ND | 50 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Carbon Tetrachloride | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Chlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Chloroethane | ND | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Chloroform | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Chloromethane | ND | 15 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 2-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 4-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| cis-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Dibromochloromethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Dibromomethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-11
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 3:10:00 PM
**Lab ID:** 1802C72-009
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Hexachlorobutadiene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 2-Hexanone | 290 | 50 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Isopropylbenzene | 15 | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 4-Isopropyltoluene | 5.7 | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 50 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Methylene Chloride | ND | 15 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| n-Butylbenzene | ND | 15 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| n-Propylbenzene | 29 | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| sec-Butylbenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Styrene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| tert-Butylbenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| trans-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Trichlorofluoromethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 10 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Vinyl chloride | ND | 5.0 | | µg/L | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Xylenes, Total | 1600 | 75 | | µg/L | 50 | 2/27/2018 4:33:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.1 | 70-130 | | %Rec | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 84.0 | 70-130 | | %Rec | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Surr: Dibromofluoromethane | 85.5 | 70-130 | | %Rec | 5 | 2/27/2018 4:57:00 PM | R49408 |
| Surr: Toluene-d8 | 87.6 | 70-130 | | %Rec | 5 | 2/27/2018 4:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-14
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 2:08:00 PM
**Lab ID:** 1802C72-010
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 2:54:14 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | 7.9 | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | 2.9 | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | 1.5 | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Naphthalene | 7.9 | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1-Methylnaphthalene | 15 | 4.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 2-Methylnaphthalene | 6.0 | 4.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-14
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 2:08:00 PM
**Lab ID:** 1802C72-010
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.5 | 70-130 | | %Rec | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 75.5 | 70-130 | | %Rec | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Surr: Dibromofluoromethane | 79.7 | 70-130 | | %Rec | 1 | 2/27/2018 5:21:00 PM | R49408 |
| Surr: Toluene-d8 | 87.3 | 70-130 | | %Rec | 1 | 2/27/2018 5:21:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-15
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:13:00 AM
**Lab ID:** 1802C72-011
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 3:09:44 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 1.9 | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | 28 | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-15
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:13:00 AM
**Lab ID:** 1802C72-011
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 85.2 | 70-130 | | %Rec | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 80.1 | 70-130 | | %Rec | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Surr: Dibromofluoromethane | 87.2 | 70-130 | | %Rec | 1 | 2/27/2018 5:45:00 PM | R49408 |
| Surr: Toluene-d8 | 90.0 | 70-130 | | %Rec | 1 | 2/27/2018 5:45:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-17
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:16:00 PM
**Lab ID:** 1802C72-012
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 3:25:06 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-17
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:16:00 PM
**Lab ID:** 1802C72-012
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.7 | 70-130 | | %Rec | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.2 | 70-130 | | %Rec | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.1 | 70-130 | | %Rec | 1 | 2/27/2018 6:08:00 PM | R49408 |
| Surr: Toluene-d8 | 87.3 | 70-130 | | %Rec | 1 | 2/27/2018 6:08:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-07
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:46:00 PM
**Lab ID:** 1802C72-013
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.44 | 0.095 | | µg/L | 10 | 2/28/2018 8:47:35 AM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | 1.1 | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-07
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:46:00 PM
**Lab ID:** 1802C72-013
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.0 | 70-130 | | %Rec | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 80.8 | 70-130 | | %Rec | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.2 | 70-130 | | %Rec | 1 | 2/27/2018 6:33:00 PM | R49408 |
| Surr: Toluene-d8 | 87.7 | 70-130 | | %Rec | 1 | 2/27/2018 6:33:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-11
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 9:40:00 AM
**Lab ID:** 1802C72-014
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 4:11:09 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-11
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 9:40:00 AM
**Lab ID:** 1802C72-014
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.7 | 70-130 | | %Rec | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.8 | 70-130 | | %Rec | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Surr: Dibromofluoromethane | 87.5 | 70-130 | | %Rec | 1 | 2/27/2018 6:57:00 PM | R49408 |
| Surr: Toluene-d8 | 87.1 | 70-130 | | %Rec | 1 | 2/27/2018 6:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-12
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:00:00 PM
**Lab ID:** 1802C72-015
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 4:26:18 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-12
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 12:00:00 PM
**Lab ID:** 1802C72-015
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.6 | 70-130 | | %Rec | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.8 | 70-130 | | %Rec | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Surr: Dibromofluoromethane | 88.0 | 70-130 | | %Rec | 1 | 2/27/2018 7:21:00 PM | R49408 |
| Surr: Toluene-d8 | 87.6 | 70-130 | | %Rec | 1 | 2/27/2018 7:21:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-01
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:09:00 AM
**Lab ID:** 1802C72-016
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 4:41:28 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Chloroform | 4.5 | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-01
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:09:00 AM
**Lab ID:** 1802C72-016 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.6 | 70-130 | | %Rec | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.9 | 70-130 | | %Rec | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Surr: Dibromofluoromethane | 89.6 | 70-130 | | %Rec | 1 | 2/27/2018 7:45:00 PM | R49408 |
| Surr: Toluene-d8 | 87.3 | 70-130 | | %Rec | 1 | 2/27/2018 7:45:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 3:35:00 PM
**Lab ID:** 1802C72-017
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.20 | 0.092 | | µg/L | 10 | 2/28/2018 9:02:41 AM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 1.4 | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 3:35:00 PM
**Lab ID:** 1802C72-017
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.9 | 70-130 | | %Rec | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Surr: 4-Bromofluorobenzene | 75.6 | 70-130 | | %Rec | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Surr: Dibromofluoromethane | 87.7 | 70-130 | | %Rec | 1 | 2/28/2018 8:26:00 AM | R49408 |
| Surr: Toluene-d8 | 88.9 | 70-130 | | %Rec | 1 | 2/28/2018 8:26:00 AM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-10D
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 1:25:00 PM
**Lab ID:** 1802C72-018
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0096 | | µg/L | 1 | 2/27/2018 5:12:04 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Chloroform | 2.7 | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-10D
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 1:25:00 PM
**Lab ID:** 1802C72-018
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 90.6 | 70-130 | | %Rec | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.2 | 70-130 | | %Rec | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Surr: Dibromofluoromethane | 90.6 | 70-130 | | %Rec | 1 | 2/27/2018 8:57:00 PM | R49408 |
| Surr: Toluene-d8 | 87.5 | 70-130 | | %Rec | 1 | 2/27/2018 8:57:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** Trip Blank
**Project:** Santa Fe Judicial Complex
**Collection Date:**
**Lab ID:** 1802C72-019
**Matrix:** TRIP BLANK
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 5:27:21 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** Trip Blank
**Project:** Santa Fe Judicial Complex
**Collection Date:**
**Lab ID:** 1802C72-019
**Matrix:** TRIP BLANK
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.6 | 70-130 | | %Rec | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 78.1 | 70-130 | | %Rec | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Surr: Dibromofluoromethane | 89.2 | 70-130 | | %Rec | 1 | 2/27/2018 9:20:00 PM | R49408 |
| Surr: Toluene-d8 | 88.3 | 70-130 | | %Rec | 1 | 2/27/2018 9:20:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-13
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:10:00 AM
**Lab ID:** 1802C72-020
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 5:42:32 PM | 36712 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-13
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/19/2018 11:10:00 AM
**Lab ID:** 1802C72-020
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.7 | 70-130 | | %Rec | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Surr: 4-Bromofluorobenzene | 77.7 | 70-130 | | %Rec | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Surr: Dibromofluoromethane | 87.4 | 70-130 | | %Rec | 1 | 2/27/2018 9:44:00 PM | R49408 |
| Surr: Toluene-d8 | 87.7 | 70-130 | | %Rec | 1 | 2/27/2018 9:44:00 PM | R49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:40:00 PM
**Lab ID:** 1802C72-021
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.051 | 0.0095 | | µg/L | 1 | 2/27/2018 5:57:49 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 150 | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Toluene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Ethylbenzene | 4.9 | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2-Dichloroethane (EDC) | 2.7 | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Naphthalene | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1-Methylnaphthalene | ND | 10 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 2-Methylnaphthalene | ND | 10 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Acetone | ND | 25 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Bromobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Bromodichloromethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Bromoform | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Bromomethane | ND | 7.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 2-Butanone | ND | 25 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Carbon disulfide | ND | 25 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Carbon Tetrachloride | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Chlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Chloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Chloroform | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Chloromethane | ND | 7.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 2-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 4-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| cis-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| cis-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Dibromochloromethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Dibromomethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,3-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,4-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Dichlorodifluoromethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1-Dichloroethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1-Dichloroethene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:40:00 PM
**Lab ID:** 1802C72-021
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Hexachlorobutadiene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 2-Hexanone | ND | 25 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Isopropylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 4-Isopropyltoluene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 4-Methyl-2-pentanone | ND | 25 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Methylene Chloride | ND | 7.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| n-Butylbenzene | ND | 7.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| n-Propylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| sec-Butylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Styrene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| tert-Butylbenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Tetrachloroethene (PCE) | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| trans-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| trans-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1,1-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,1,2-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Trichloroethene (TCE) | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Trichlorofluoromethane | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Vinyl chloride | ND | 2.5 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Xylenes, Total | ND | 3.8 | | µg/L | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.6 | 70-130 | | %Rec | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Surr: 4-Bromofluorobenzene | 75.6 | 70-130 | | %Rec | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Surr: Dibromofluoromethane | 87.2 | 70-130 | | %Rec | 5 | 2/27/2018 10:08:00 PM | B49408 |
| Surr: Toluene-d8 | 89.3 | 70-130 | | %Rec | 5 | 2/27/2018 10:08:00 PM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:40:00 PM
**Lab ID:** 1802C72-022
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0096 | | µg/L | 1 | 2/27/2018 6:13:05 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:40:00 PM
**Lab ID:** 1802C72-022
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 89.7 | 70-130 | | %Rec | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Surr: 4-Bromofluorobenzene | 77.8 | 70-130 | | %Rec | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Surr: Dibromofluoromethane | 88.4 | 70-130 | | %Rec | 1 | 2/27/2018 10:32:00 PM | B49408 |
| Surr: Toluene-d8 | 87.2 | 70-130 | | %Rec | 1 | 2/27/2018 10:32:00 PM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-3R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:28:00 PM
**Lab ID:** 1802C72-023
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 6:43:24 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 1.1 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Toluene | 9.8 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Ethylbenzene | 3.1 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 47 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 12 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Naphthalene | 8.2 | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1-Methylnaphthalene | 8.0 | 4.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 2-Methylnaphthalene | 13 | 4.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-3R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 3:28:00 PM
**Lab ID:** 1802C72-023
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Isopropylbenzene | 2.2 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| n-Propylbenzene | 3.0 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| sec-Butylbenzene | 1.3 | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Xylenes, Total | 50 | 1.5 | | µg/L | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 83.3 | 70-130 | | %Rec | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 80.4 | 70-130 | | %Rec | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Surr: Dibromofluoromethane | 84.6 | 70-130 | | %Rec | 1 | 2/28/2018 8:50:00 AM | B49408 |
| Surr: Toluene-d8 | 89.9 | 70-130 | | %Rec | 1 | 2/28/2018 8:50:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-4
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:28:00 PM
**Lab ID:** 1802C72-024
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 6:58:31 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Toluene | 24 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Ethylbenzene | 160 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 220 | 20 | | µg/L | 20 | 2/28/2018 9:14:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 15 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Naphthalene | 53 | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1-Methylnaphthalene | 26 | 8.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 2-Methylnaphthalene | 8.0 | 8.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Acetone | ND | 20 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Bromobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Bromodichloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Bromoform | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Bromomethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 2-Butanone | ND | 20 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Carbon disulfide | ND | 20 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Carbon Tetrachloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Chlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Chloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Chloroform | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Chloromethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 2-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 4-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| cis-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Dibromochloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Dibromomethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** CMW-4
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:28:00 PM
**Lab ID:** 1802C72-024
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Hexachlorobutadiene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 2-Hexanone | ND | 20 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Isopropylbenzene | 14 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 4-Isopropyltoluene | 2.7 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 20 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Methylene Chloride | ND | 6.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| n-Butylbenzene | ND | 6.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| n-Propylbenzene | 32 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| sec-Butylbenzene | 5.8 | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Styrene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| tert-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| trans-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Trichlorofluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Vinyl chloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Xylenes, Total | 220 | 3.0 | | µg/L | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 85.8 | 70-130 | | %Rec | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 80.6 | 70-130 | | %Rec | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Surr: Dibromofluoromethane | 86.5 | 70-130 | | %Rec | 2 | 2/28/2018 2:07:00 AM | B49408 |
| Surr: Toluene-d8 | 88.7 | 70-130 | | %Rec | 2 | 2/28/2018 2:07:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-01
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:30:00 PM
**Lab ID:** 1802C72-025
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0096 | | µg/L | 1 | 2/27/2018 7:13:43 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Toluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Ethylbenzene | 54 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 340 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 4.4 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | 3.7 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Naphthalene | 140 | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1-Methylnaphthalene | 460 | 200 | | µg/L | 50 | 2/28/2018 9:38:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 10 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Acetone | ND | 25 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Bromobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Bromodichloromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Bromoform | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Bromomethane | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 2-Butanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Carbon disulfide | ND | 25 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Carbon Tetrachloride | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Chlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Chloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Chloroform | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Chloromethane | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 2-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 4-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| cis-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Dibromochloromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Dibromomethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-01
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:30:00 PM
**Lab ID:** 1802C72-025
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Hexachlorobutadiene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 2-Hexanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Isopropylbenzene | 13 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 4-Isopropyltoluene | 5.9 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Methylene Chloride | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| n-Butylbenzene | 10 | 7.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| n-Propylbenzene | 32 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| sec-Butylbenzene | 5.2 | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Styrene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| tert-Butylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| trans-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Trichlorofluoromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Vinyl chloride | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Xylenes, Total | 53 | 3.8 | | µg/L | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 85.1 | 70-130 | | %Rec | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 79.6 | 70-130 | | %Rec | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Surr: Dibromofluoromethane | 85.1 | 70-130 | | %Rec | 5 | 2/28/2018 2:31:00 AM | B49408 |
| Surr: Toluene-d8 | 88.3 | 70-130 | | %Rec | 5 | 2/28/2018 2:31:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-02
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:55:00 PM
**Lab ID:** 1802C72-026
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 7:28:50 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 3.4 | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Toluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Ethylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Naphthalene | 34 | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1-Methylnaphthalene | 270 | 10 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 2-Methylnaphthalene | 45 | 10 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Acetone | ND | 25 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Bromobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Bromodichloromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Bromoform | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Bromomethane | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 2-Butanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Carbon disulfide | ND | 25 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Carbon Tetrachloride | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Chlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Chloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Chloroform | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Chloromethane | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 2-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 4-Chlorotoluene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| cis-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Dibromochloromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Dibromomethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-02
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:55:00 PM
**Lab ID:** 1802C72-026
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Hexachlorobutadiene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 2-Hexanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Isopropylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 4-Isopropyltoluene | 2.5 | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 25 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Methylene Chloride | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| n-Butylbenzene | ND | 7.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| n-Propylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| sec-Butylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Styrene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| tert-Butylbenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| trans-1,2-DCE | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Trichlorofluoromethane | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Vinyl chloride | ND | 2.5 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Xylenes, Total | ND | 3.8 | | µg/L | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.8 | 70-130 | | %Rec | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 77.1 | 70-130 | | %Rec | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Surr: Dibromofluoromethane | 89.3 | 70-130 | | %Rec | 5 | 2/28/2018 2:55:00 AM | B49408 |
| Surr: Toluene-d8 | 88.2 | 70-130 | | %Rec | 5 | 2/28/2018 2:55:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-03
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:10:00 PM
**Lab ID:** 1802C72-027
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 7:43:55 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Toluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Ethylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 2.8 | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Naphthalene | 120 | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1-Methylnaphthalene | 62 | 8.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 2-Methylnaphthalene | 110 | 8.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Acetone | ND | 20 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Bromobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Bromodichloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Bromoform | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Bromomethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 2-Butanone | ND | 20 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Carbon disulfide | ND | 20 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Carbon Tetrachloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Chlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Chloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Chloroform | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Chloromethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 2-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 4-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| cis-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Dibromochloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Dibromomethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-03
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 1:10:00 PM
**Lab ID:** 1802C72-027
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Hexachlorobutadiene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 2-Hexanone | ND | 20 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Isopropylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 20 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Methylene Chloride | ND | 6.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| n-Butylbenzene | ND | 6.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| n-Propylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| sec-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Styrene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| tert-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| trans-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Trichlorofluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Vinyl chloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Xylenes, Total | ND | 3.0 | | µg/L | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.7 | 70-130 | | %Rec | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 79.2 | 70-130 | | %Rec | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Surr: Dibromofluoromethane | 88.1 | 70-130 | | %Rec | 2 | 2/28/2018 10:02:00 AM | B49408 |
| Surr: Toluene-d8 | 88.3 | 70-130 | | %Rec | 2 | 2/28/2018 10:02:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-06
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 12:21:00 PM
**Lab ID:** 1802C72-028
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.014 | 0.0094 | | µg/L | 1 | 2/27/2018 7:59:06 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 4.9 | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 5.3 | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1-Methylnaphthalene | 6.2 | 4.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-06
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 12:21:00 PM
**Lab ID:** 1802C72-028 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| sec-Butylbenzene | 1.5 | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.1 | 70-130 | | %Rec | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 76.6 | 70-130 | | %Rec | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Surr: Dibromofluoromethane | 87.2 | 70-130 | | %Rec | 1 | 2/28/2018 3:42:00 AM | B49408 |
| Surr: Toluene-d8 | 87.1 | 70-130 | | %Rec | 1 | 2/28/2018 3:42:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-08
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 11:10:00 AM
**Lab ID:** 1802C72-029
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 8:14:13 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-08
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 11:10:00 AM
**Lab ID:** 1802C72-029
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.5 | 70-130 | | %Rec | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 77.2 | 70-130 | | %Rec | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Surr: Dibromofluoromethane | 86.3 | 70-130 | | %Rec | 1 | 2/28/2018 4:06:00 AM | B49408 |
| Surr: Toluene-d8 | 87.0 | 70-130 | | %Rec | 1 | 2/28/2018 4:06:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-10
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:50:00 PM
**Lab ID:** 1802C72-030
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.21 | 0.094 | | µg/L | 10 | 2/28/2018 9:17:53 AM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 72 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Toluene | 13 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Ethylbenzene | 15 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 270 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 42 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Naphthalene | 1900 | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1-Methylnaphthalene | 1100 | 40 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 2-Methylnaphthalene | 1700 | 40 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Acetone | ND | 100 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Bromobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Bromodichloromethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Bromoform | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Bromomethane | ND | 30 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 2-Butanone | ND | 100 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Carbon disulfide | ND | 100 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Carbon Tetrachloride | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Chlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Chloroethane | ND | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Chloroform | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Chloromethane | ND | 30 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 2-Chlorotoluene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 4-Chlorotoluene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| cis-1,2-DCE | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Dibromochloromethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Dibromomethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SFCMW-10
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 2:50:00 PM
**Lab ID:** 1802C72-030 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Hexachlorobutadiene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 2-Hexanone | ND | 100 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Isopropylbenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 100 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Methylene Chloride | ND | 30 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| n-Butylbenzene | ND | 30 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| n-Propylbenzene | 14 | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| sec-Butylbenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Styrene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| tert-Butylbenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| trans-1,2-DCE | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 20 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Vinyl chloride | ND | 10 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Xylenes, Total | 350 | 15 | | µg/L | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.9 | 70-130 | | %Rec | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 77.8 | 70-130 | | %Rec | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Surr: Dibromofluoromethane | 88.0 | 70-130 | | %Rec | 20 | 2/28/2018 4:29:00 AM | B49408 |
| Surr: Toluene-d8 | 87.7 | 70-130 | | %Rec | 20 | 2/28/2018 4:29:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:40:00 AM
**Lab ID:** 1802C72-031
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.53 | 0.095 | | µg/L | 10 | 2/28/2018 9:32:59 AM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 3.4 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Toluene | 1.6 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 63 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 20 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | 14 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Naphthalene | 34 | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1-Methylnaphthalene | 10 | 4.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 2-Methylnaphthalene | 13 | 4.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWN-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 10:40:00 AM
**Lab ID:** 1802C72-031
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| n-Propylbenzene | 1.4 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| sec-Butylbenzene | 1.1 | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Xylenes, Total | 26 | 1.5 | | µg/L | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.7 | 70-130 | | %Rec | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 78.5 | 70-130 | | %Rec | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Surr: Dibromofluoromethane | 83.4 | 70-130 | | %Rec | 1 | 2/28/2018 10:26:00 AM | B49408 |
| Surr: Toluene-d8 | 86.8 | 70-130 | | %Rec | 1 | 2/28/2018 10:26:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-08
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 11:45:00 AM
**Lab ID:** 1802C72-032
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 8:59:31 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-08
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 11:45:00 AM
**Lab ID:** 1802C72-032
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 88.2 | 70-130 | | %Rec | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 78.1 | 70-130 | | %Rec | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Surr: Dibromofluoromethane | 88.5 | 70-130 | | %Rec | 1 | 2/28/2018 5:40:00 AM | B49408 |
| Surr: Toluene-d8 | 87.9 | 70-130 | | %Rec | 1 | 2/28/2018 5:40:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-1R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 4:45:00 PM
**Lab ID:** 1802C72-033
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.033 | 0.0095 | | µg/L | 1 | 2/27/2018 9:29:42 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 300 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Toluene | 2300 | 100 | | µg/L | 100 | 2/28/2018 10:50:00 AM | B49408 |
| Ethylbenzene | 1200 | 100 | | µg/L | 100 | 2/28/2018 10:50:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 2200 | 100 | | µg/L | 100 | 2/28/2018 10:50:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 580 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Naphthalene | 780 | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1-Methylnaphthalene | 100 | 40 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 2-Methylnaphthalene | 150 | 40 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Acetone | ND | 100 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Bromobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Bromodichloromethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Bromoform | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Bromomethane | ND | 30 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 2-Butanone | ND | 100 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Carbon disulfide | ND | 100 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Carbon Tetrachloride | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Chlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Chloroethane | ND | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Chloroform | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Chloromethane | ND | 30 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 2-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 4-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| cis-1,2-DCE | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Dibromochloromethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Dibromomethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-1R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/20/2018 4:45:00 PM
**Lab ID:** 1802C72-033 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Hexachlorobutadiene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 2-Hexanone | ND | 100 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Isopropylbenzene | 86 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 4-Isopropyltoluene | 11 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 100 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Methylene Chloride | ND | 30 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| n-Butylbenzene | 38 | 30 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| n-Propylbenzene | 200 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| sec-Butylbenzene | 19 | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Styrene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| tert-Butylbenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| trans-1,2-DCE | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Vinyl chloride | ND | 10 | | µg/L | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Xylenes, Total | 12000 | 150 | | µg/L | 100 | 2/28/2018 10:50:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 83.4 | 70-130 | | %Rec | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 78.2 | 70-130 | | %Rec | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Surr: Dibromofluoromethane | 85.3 | 70-130 | | %Rec | 10 | 2/28/2018 6:03:00 AM | B49408 |
| Surr: Toluene-d8 | 88.3 | 70-130 | | %Rec | 10 | 2/28/2018 6:03:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:20:00 PM
**Lab ID:** 1802C72-034
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 9:44:50 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:20:00 PM
**Lab ID:** 1802C72-034
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 86.2 | 70-130 | | %Rec | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 78.4 | 70-130 | | %Rec | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Surr: Dibromofluoromethane | 86.3 | 70-130 | | %Rec | 1 | 2/28/2018 6:26:00 AM | B49408 |
| Surr: Toluene-d8 | 88.0 | 70-130 | | %Rec | 1 | 2/28/2018 6:26:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-4R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:20:00 PM
**Lab ID:** 1802C72-035
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 1.6 | 0.94 | | µg/L | 100 | 2/28/2018 9:48:05 AM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 1400 | 100 | | µg/L | 100 | 2/28/2018 6:51:00 AM | B49408 |
| Toluene | 9100 | 100 | | µg/L | 100 | 2/28/2018 6:51:00 AM | B49408 |
| Ethylbenzene | 860 | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | 700 | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | 160 | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Naphthalene | 360 | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1-Methylnaphthalene | 43 | 40 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 2-Methylnaphthalene | 65 | 40 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Acetone | ND | 100 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Bromobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Bromodichloromethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Bromoform | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Bromomethane | ND | 30 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 2-Butanone | ND | 100 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Carbon disulfide | ND | 100 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Carbon Tetrachloride | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Chlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Chloroethane | ND | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Chloroform | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Chloromethane | ND | 30 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 2-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 4-Chlorotoluene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| cis-1,2-DCE | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Dibromochloromethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Dibromomethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-4R
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:20:00 PM
**Lab ID:** 1802C72-035 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Hexachlorobutadiene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 2-Hexanone | ND | 100 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Isopropylbenzene | 31 | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 100 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Methylene Chloride | ND | 30 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| n-Butylbenzene | ND | 30 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| n-Propylbenzene | 61 | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| sec-Butylbenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Styrene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| tert-Butylbenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| trans-1,2-DCE | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 20 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Vinyl chloride | ND | 10 | | µg/L | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Xylenes, Total | 6000 | 150 | | µg/L | 100 | 2/28/2018 6:51:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 85.5 | 70-130 | | %Rec | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 80.9 | 70-130 | | %Rec | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Surr: Dibromofluoromethane | 85.4 | 70-130 | | %Rec | 10 | 2/28/2018 7:15:00 AM | B49408 |
| Surr: Toluene-d8 | 91.0 | 70-130 | | %Rec | 10 | 2/28/2018 7:15:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-18
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:45:00 PM
**Lab ID:** 1802C72-036
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 10:15:19 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-18
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:45:00 PM
**Lab ID:** 1802C72-036 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 89.1 | 70-130 | | %Rec | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 76.1 | 70-130 | | %Rec | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Surr: Dibromofluoromethane | 85.6 | 70-130 | | %Rec | 1 | 2/28/2018 7:38:00 AM | B49408 |
| Surr: Toluene-d8 | 88.6 | 70-130 | | %Rec | 1 | 2/28/2018 7:38:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-19
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:21:00 PM
**Lab ID:** 1802C72-037
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 10:30:32 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-19
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 2:21:00 PM
**Lab ID:** 1802C72-037
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Surr: 1,2-Dichloroethane-d4 | 87.1 | 70-130 | | %Rec | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Surr: 4-Bromofluorobenzene | 76.1 | 70-130 | | %Rec | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Surr: Dibromofluoromethane | 86.5 | 70-130 | | %Rec | 1 | 2/28/2018 8:02:00 AM | B49408 |
| Surr: Toluene-d8 | 88.0 | 70-130 | | %Rec | 1 | 2/28/2018 8:02:00 AM | B49408 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-20
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:25:00 PM
**Lab ID:** 1802C72-038
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/27/2018 10:45:42 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Chloroform | 32 | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** MW-20
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:25:00 PM
**Lab ID:** 1802C72-038 **Matrix:** AQUEOUS **Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 87.7 | 70-130 | | %Rec | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 78.7 | 70-130 | | %Rec | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Surr: Dibromofluoromethane | 87.2 | 70-130 | | %Rec | 1 | 2/28/2018 1:50:00 PM | R49464 |
| Surr: Toluene-d8 | 87.7 | 70-130 | | %Rec | 1 | 2/28/2018 1:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:55:00 PM
**Lab ID:** 1802C72-039
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0093 | | µg/L | 1 | 2/27/2018 11:00:54 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 51 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | 17 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Naphthalene | 5.3 | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1-Methylnaphthalene | 6.9 | 4.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 2-Methylnaphthalene | 12 | 4.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Chloroform | 1.2 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:55:00 PM
**Lab ID:** 1802C72-039
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Isopropylbenzene | 2.4 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| n-Butylbenzene | 6.0 | 3.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| n-Propylbenzene | 1.5 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| sec-Butylbenzene | 2.6 | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Xylenes, Total | 12 | 1.5 | | µg/L | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 84.1 | 70-130 | | %Rec | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 80.6 | 70-130 | | %Rec | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Surr: Dibromofluoromethane | 85.2 | 70-130 | | %Rec | 1 | 2/28/2018 3:02:00 PM | R49464 |
| Surr: Toluene-d8 | 89.5 | 70-130 | | %Rec | 1 | 2/28/2018 3:02:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:30:00 PM
**Lab ID:** 1802C72-040
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 11:16:08 PM | 36713 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:30:00 PM
**Lab ID:** 1802C72-040
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 85.9 | 70-130 | | %Rec | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 77.2 | 70-130 | | %Rec | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Surr: Dibromofluoromethane | 88.1 | 70-130 | | %Rec | 1 | 2/28/2018 3:26:00 PM | R49464 |
| Surr: Toluene-d8 | 86.4 | 70-130 | | %Rec | 1 | 2/28/2018 3:26:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:05:00 PM
**Lab ID:** 1802C72-041
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/27/2018 11:31:22 PM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:05:00 PM
**Lab ID:** 1802C72-041
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 86.7 | 70-130 | | %Rec | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 78.2 | 70-130 | | %Rec | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Surr: Dibromofluoromethane | 86.8 | 70-130 | | %Rec | 1 | 2/28/2018 3:50:00 PM | R49464 |
| Surr: Toluene-d8 | 86.6 | 70-130 | | %Rec | 1 | 2/28/2018 3:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-4
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:45:00 PM
**Lab ID:** 1802C72-042
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.039 | 0.0095 | | µg/L | 1 | 2/27/2018 11:46:32 PM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 260 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Toluene | 410 | 50 | | µg/L | 50 | 3/1/2018 12:22:00 PM | R49496 |
| Ethylbenzene | 470 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 390 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | 100 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | 7.2 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Naphthalene | 120 | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1-Methylnaphthalene | 21 | 20 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 2-Methylnaphthalene | 26 | 20 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Acetone | ND | 50 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Bromobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Bromodichloromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Bromoform | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Bromomethane | ND | 15 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 2-Butanone | ND | 50 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Carbon disulfide | ND | 50 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Carbon Tetrachloride | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Chlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Chloroethane | ND | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Chloroform | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Chloromethane | ND | 15 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 2-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 4-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| cis-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Dibromochloromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Dibromomethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** TWS-4
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 1:45:00 PM
**Lab ID:** 1802C72-042
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Hexachlorobutadiene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 2-Hexanone | ND | 50 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Isopropylbenzene | 25 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 50 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Methylene Chloride | ND | 15 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| n-Butylbenzene | ND | 15 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| n-Propylbenzene | 39 | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| sec-Butylbenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Styrene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| tert-Butylbenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| trans-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Trichlorofluoromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Vinyl chloride | ND | 5.0 | | µg/L | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Xylenes, Total | 1300 | 75 | | µg/L | 50 | 3/1/2018 12:22:00 PM | R49496 |
| Surr: 1,2-Dichloroethane-d4 | 82.9 | 70-130 | | %Rec | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 81.0 | 70-130 | | %Rec | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Surr: Dibromofluoromethane | 84.2 | 70-130 | | %Rec | 5 | 2/28/2018 4:14:00 PM | R49464 |
| Surr: Toluene-d8 | 88.7 | 70-130 | | %Rec | 5 | 2/28/2018 4:14:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 11:45:00 AM
**Lab ID:** 1802C72-043
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.010 | | µg/L | 1 | 2/28/2018 12:17:03 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 30 | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | 2.3 | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Naphthalene | 6.7 | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1-Methylnaphthalene | 5.3 | 4.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-1
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 11:45:00 AM
**Lab ID:** 1802C72-043
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Isopropylbenzene | 1.6 | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| n-Propylbenzene | 2.7 | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| sec-Butylbenzene | 1.1 | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Xylenes, Total | 8.3 | 1.5 | | µg/L | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 85.3 | 70-130 | | %Rec | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 78.7 | 70-130 | | %Rec | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Surr: Dibromofluoromethane | 60.1 | 70-130 | S | %Rec | 1 | 2/28/2018 4:38:00 PM | R49464 |
| Surr: Toluene-d8 | 88.8 | 70-130 | | %Rec | 1 | 2/28/2018 4:38:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 3:08:00 PM
**Lab ID:** 1802C72-044
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0096 | | µg/L | 1 | 2/28/2018 12:32:21 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-2
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 3:08:00 PM
**Lab ID:** 1802C72-044
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 87.6 | 70-130 | | %Rec | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 77.8 | 70-130 | | %Rec | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Surr: Dibromofluoromethane | 87.1 | 70-130 | | %Rec | 1 | 2/28/2018 5:02:00 PM | R49464 |
| Surr: Toluene-d8 | 87.9 | 70-130 | | %Rec | 1 | 2/28/2018 5:02:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:44:00 PM
**Lab ID:** 1802C72-045
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.047 | 0.0093 | | µg/L | 1 | 2/28/2018 1:18:13 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | 30 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Toluene | 110 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Ethylbenzene | 240 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 1200 | 50 | | µg/L | 50 | 2/28/2018 5:26:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | 300 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Naphthalene | 330 | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1-Methylnaphthalene | 190 | 20 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 2-Methylnaphthalene | 200 | 20 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Acetone | ND | 50 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Bromobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Bromodichloromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Bromoform | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Bromomethane | ND | 15 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 2-Butanone | ND | 50 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Carbon disulfide | ND | 50 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Carbon Tetrachloride | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Chlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Chloroethane | ND | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Chloroform | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Chloromethane | ND | 15 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 2-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 4-Chlorotoluene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| cis-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Dibromochloromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Dibromomethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-3
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:44:00 PM
**Lab ID:** 1802C72-045
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Hexachlorobutadiene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 2-Hexanone | ND | 50 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Isopropylbenzene | 35 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 4-Isopropyltoluene | 9.4 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 50 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Methylene Chloride | ND | 15 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| n-Butylbenzene | 26 | 15 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| n-Propylbenzene | 69 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| sec-Butylbenzene | 12 | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Styrene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| tert-Butylbenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| trans-1,2-DCE | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Trichlorofluoromethane | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 10 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Vinyl chloride | ND | 5.0 | | µg/L | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Xylenes, Total | 2200 | 75 | | µg/L | 50 | 2/28/2018 5:26:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 86.2 | 70-130 | | %Rec | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 80.5 | 70-130 | | %Rec | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Surr: Dibromofluoromethane | 85.6 | 70-130 | | %Rec | 5 | 2/28/2018 5:50:00 PM | R49464 |
| Surr: Toluene-d8 | 88.3 | 70-130 | | %Rec | 5 | 2/28/2018 5:50:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 3:25:00 PM
**Lab ID:** 1802C72-046
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0094 | | µg/L | 1 | 2/28/2018 1:33:30 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Ethylbenzene | 12 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 260 | 10 | | µg/L | 10 | 3/1/2018 12:46:00 PM | R49496 |
| 1,3,5-Trimethylbenzene | 5.0 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Naphthalene | 260 | 20 | | µg/L | 10 | 3/1/2018 12:46:00 PM | R49496 |
| 1-Methylnaphthalene | 55 | 4.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 2-Methylnaphthalene | 69 | 4.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-5
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 3:25:00 PM
**Lab ID:** 1802C72-046
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Isopropylbenzene | 12 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 4-Isopropyltoluene | 2.6 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| n-Butylbenzene | 4.2 | 3.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| n-Propylbenzene | 23 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| sec-Butylbenzene | 2.8 | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Xylenes, Total | 120 | 1.5 | | µg/L | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 86.4 | 70-130 | | %Rec | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 80.8 | 70-130 | | %Rec | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Surr: Dibromofluoromethane | 86.5 | 70-130 | | %Rec | 1 | 2/28/2018 6:14:00 PM | R49464 |
| Surr: Toluene-d8 | 88.0 | 70-130 | | %Rec | 1 | 2/28/2018 6:14:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-6
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 10:33:00 AM
**Lab ID:** 1802C72-047
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | 0.016 | 0.0095 | | µg/L | 1 | 2/28/2018 1:48:46 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Toluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Ethylbenzene | 92 | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 480 | 20 | | µg/L | 20 | 3/1/2018 1:11:00 PM | R49496 |
| 1,3,5-Trimethylbenzene | 6.1 | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Naphthalene | 150 | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1-Methylnaphthalene | 250 | 80 | | µg/L | 20 | 3/1/2018 1:11:00 PM | R49496 |
| 2-Methylnaphthalene | ND | 8.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Acetone | 46 | 20 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Bromobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Bromodichloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Bromoform | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Bromomethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 2-Butanone | 25 | 20 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Carbon disulfide | ND | 20 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Carbon Tetrachloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Chlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Chloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Chloroform | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Chloromethane | ND | 6.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 2-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 4-Chlorotoluene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| cis-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Dibromochloromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Dibromomethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-6
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 10:33:00 AM
**Lab ID:** 1802C72-047
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Hexachlorobutadiene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 2-Hexanone | ND | 20 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Isopropylbenzene | 5.7 | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 4-Isopropyltoluene | 2.4 | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 20 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Methylene Chloride | ND | 6.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| n-Butylbenzene | ND | 6.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| n-Propylbenzene | 9.1 | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| sec-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Styrene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| tert-Butylbenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| trans-1,2-DCE | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Trichlorofluoromethane | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 4.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Vinyl chloride | ND | 2.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Xylenes, Total | 19 | 3.0 | | µg/L | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 84.6 | 70-130 | | %Rec | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 81.0 | 70-130 | | %Rec | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Surr: Dibromofluoromethane | 84.9 | 70-130 | | %Rec | 2 | 2/28/2018 7:01:00 PM | R49464 |
| Surr: Toluene-d8 | 87.8 | 70-130 | | %Rec | 2 | 2/28/2018 7:01:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-11D
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:09:00 PM
**Lab ID:** 1802C72-048
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0095 | | µg/L | 1 | 2/28/2018 2:04:03 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | 66 | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | 2.3 | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Naphthalene | 110 | 20 | | µg/L | 10 | 3/1/2018 1:35:00 PM | R49496 |
| 1-Methylnaphthalene | 41 | 4.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 2-Methylnaphthalene | 50 | 4.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** SVE-11D
**Project:** Santa Fe Judicial Complex
**Collection Date:** 2/21/2018 12:09:00 PM
**Lab ID:** 1802C72-048
**Matrix:** AQUEOUS
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Isopropylbenzene | 1.1 | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| n-Propylbenzene | 2.8 | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| sec-Butylbenzene | 1.7 | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Xylenes, Total | 6.1 | 1.5 | | µg/L | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 87.1 | 70-130 | | %Rec | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 77.2 | 70-130 | | %Rec | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Surr: Dibromofluoromethane | 86.2 | 70-130 | | %Rec | 1 | 2/28/2018 7:25:00 PM | R49464 |
| Surr: Toluene-d8 | 87.2 | 70-130 | | %Rec | 1 | 2/28/2018 7:25:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** Trip Blank
**Project:** Santa Fe Judicial Complex
**Collection Date:**
**Lab ID:** 1802C72-049
**Matrix:** TRIP BLANK
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8011/504.1: EDB** | | | | | | Analyst: **JME** | |
| 1,2-Dibromoethane | ND | 0.0096 | | µg/L | 1 | 2/28/2018 2:19:24 AM | 36714 |
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Toluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Naphthalene | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 2-Methylnaphthalene | ND | 4.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Acetone | ND | 10 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Bromobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Bromoform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Bromomethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 2-Butanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Carbon disulfide | ND | 10 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Carbon Tetrachloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Chlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Chloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Chloroform | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Chloromethane | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| cis-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Dibromomethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Souder, Miller & Associates
**Client Sample ID:** Trip Blank
**Project:** Santa Fe Judicial Complex
**Collection Date:**
**Lab ID:** 1802C72-049
**Matrix:** TRIP BLANK
**Received Date:** 2/22/2018 11:56:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8260B: VOLATILES** | | | | | | Analyst: **RAA** | |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Hexachlorobutadiene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 2-Hexanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 4-Methyl-2-pentanone | ND | 10 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Methylene Chloride | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| n-Butylbenzene | ND | 3.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Styrene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Tetrachloroethene (PCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| trans-1,2-DCE | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Trichloroethene (TCE) | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Trichlorofluoromethane | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Vinyl chloride | ND | 1.0 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Surr: 1,2-Dichloroethane-d4 | 86.5 | 70-130 | | %Rec | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Surr: 4-Bromofluorobenzene | 76.6 | 70-130 | | %Rec | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Surr: Dibromofluoromethane | 88.3 | 70-130 | | %Rec | 1 | 2/28/2018 7:49:00 PM | R49464 |
| Surr: Toluene-d8 | 89.0 | 70-130 | | %Rec | 1 | 2/28/2018 7:49:00 PM | R49464 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID | **MB-36712** | SampType: | **MBLK** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **36712** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595953** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | ND | 0.010 | | | | | | | | |

| Sample ID | **MB-36713** | SampType: | **MBLK** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **36713** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595954** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | ND | 0.010 | | | | | | | | |

| Sample ID | **MB-36714** | SampType: | **MBLK** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **36714** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595955** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | ND | 0.010 | | | | | | | | |

| Sample ID | **LCS-36712** | SampType: | **LCS** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **36712** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595957** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.090 | 0.010 | 0.1000 | 0 | 90.1 | 70 | 130 | | | |

| Sample ID | **LCS-36713** | SampType: | **LCS** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **36713** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595958** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.093 | 0.010 | 0.1000 | 0 | 93.5 | 70 | 130 | | | |

| Sample ID | **LCS-36714** | SampType: | **LCS** | TestCode: | **EPA Method 8011/504.1: EDB** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **36714** | RunNo: | **49432** | | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | SeqNo: | **1595959** | Units: | **µg/L** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.092 | 0.010 | 0.1000 | 0 | 91.6 | 70 | 130 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID | **LCSD-36712** | SampType: | **LCSD** | | TestCode: | **EPA Method 8011/504.1: EDB** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS02** | Batch ID: | **36712** | | RunNo: | **49432** | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | | SeqNo: | **1595960** | Units: | **µg/L** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.087 | 0.010 | 0.1000 | 0 | 86.8 | 70 | 130 | 3.79 | 20 | |

| Sample ID | **LCSD-36713** | SampType: | **LCSD** | | TestCode: | **EPA Method 8011/504.1: EDB** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS02** | Batch ID: | **36713** | | RunNo: | **49432** | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/27/2018** | | SeqNo: | **1595961** | Units: | **µg/L** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.090 | 0.010 | 0.1000 | 0 | 89.9 | 70 | 130 | 3.87 | 20 | |

| Sample ID | **1802C72-044BMS** | SampType: | **MS** | | TestCode: | **EPA Method 8011/504.1: EDB** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **SVE-2** | Batch ID: | **36714** | | RunNo: | **49432** | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/28/2018** | | SeqNo: | **1596062** | Units: | **µg/L** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.073 | 0.0094 | 0.09383 | 0 | 78.3 | 26.5 | 132 | | | |

| Sample ID | **1802C72-044BMSD** | SampType: | **MSD** | | TestCode: | **EPA Method 8011/504.1: EDB** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **SVE-2** | Batch ID: | **36714** | | RunNo: | **49432** | | | | |
| Prep Date: | **2/27/2018** | Analysis Date: | **2/28/2018** | | SeqNo: | **1596064** | Units: | **µg/L** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 0.067 | 0.0094 | 0.09358 | 0 | 71.6 | 26.5 | 132 | 9.25 | 20 | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **100ng lcs** | SampType: **LCS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **LCSW** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1595306** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| Toluene | 21 | 1.0 | 20.00 | 0 | 104 | 70 | 130 | | | |
| Chlorobenzene | 21 | 1.0 | 20.00 | 0 | 107 | 70 | 130 | | | |
| 1,1-Dichloroethene | 21 | 1.0 | 20.00 | 0 | 106 | 70 | 130 | | | |
| Trichloroethene (TCE) | 20 | 1.0 | 20.00 | 0 | 97.5 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.8 | | 10.00 | | 88.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.8 | | 10.00 | | 78.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.7 | | 10.00 | | 87.4 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.9 | | 10.00 | | 88.7 | 70 | 130 | | | |

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1595433** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | | | | | | | |
| Naphthalene | ND | 2.0 | | | | | | | | |
| 1-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| 2-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| Acetone | ND | 10 | | | | | | | | |
| Bromobenzene | ND | 1.0 | | | | | | | | |
| Bromodichloromethane | ND | 1.0 | | | | | | | | |
| Bromoform | ND | 1.0 | | | | | | | | |
| Bromomethane | ND | 3.0 | | | | | | | | |
| 2-Butanone | ND | 10 | | | | | | | | |
| Carbon disulfide | ND | 10 | | | | | | | | |
| Carbon Tetrachloride | ND | 1.0 | | | | | | | | |
| Chlorobenzene | ND | 1.0 | | | | | | | | |
| Chloroethane | ND | 2.0 | | | | | | | | |
| Chloroform | ND | 1.0 | | | | | | | | |
| Chloromethane | ND | 3.0 | | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT
## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**
***05-Mar-18***

**Client:** Souder, Miller & Associates
**Project:** Santa Fe Judicial Complex

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1595433** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | ND | 1.0 | | | | | | | | |
| cis-1,2-DCE | ND | 1.0 | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | | | | | | | |
| Dibromochloromethane | ND | 1.0 | | | | | | | | |
| Dibromomethane | ND | 1.0 | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | | | | | | | | |
| 2,2-Dichloropropane | ND | 2.0 | | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | | | | | | | | |
| 2-Hexanone | ND | 10 | | | | | | | | |
| Isopropylbenzene | ND | 1.0 | | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 10 | | | | | | | | |
| Methylene Chloride | ND | 3.0 | | | | | | | | |
| n-Butylbenzene | ND | 3.0 | | | | | | | | |
| n-Propylbenzene | ND | 1.0 | | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | | | | | | | | |
| Styrene | ND | 1.0 | | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | | | | | | | |
| Tetrachloroethene (PCE) | ND | 1.0 | | | | | | | | |
| trans-1,2-DCE | ND | 1.0 | | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | | | | | | | | |
| Trichloroethene (TCE) | ND | 1.0 | | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 2.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1595433** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.8 | | 10.00 | | 88.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.7 | | 10.00 | | 77.2 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.7 | | 10.00 | | 86.8 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.1 | 70 | 130 | | | |

| Sample ID **1802c72-001ams** | SampType: **MS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **MW-6** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1596073** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 210 | 10 | 200.0 | 0 | 103 | 60.5 | 137 | | | |
| Toluene | 240 | 10 | 200.0 | 32.94 | 105 | 70 | 130 | | | |
| Chlorobenzene | 220 | 10 | 200.0 | 0 | 108 | 70 | 130 | | | |
| 1,1-Dichloroethene | 220 | 10 | 200.0 | 0 | 108 | 70 | 130 | | | |
| Trichloroethene (TCE) | 200 | 10 | 200.0 | 0 | 97.8 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 88 | | 100.0 | | 88.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 80 | | 100.0 | | 80.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 90 | | 100.0 | | 89.9 | 70 | 130 | | | |
| Surr: Toluene-d8 | 88 | | 100.0 | | 87.6 | 70 | 130 | | | |

| Sample ID **1802c72-001amsd** | SampType: **MSD** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **MW-6** | Batch ID: **R49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1596074** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 190 | 10 | 200.0 | 0 | 95.1 | 60.5 | 137 | 7.88 | 20 | |
| Toluene | 230 | 10 | 200.0 | 32.94 | 96.5 | 70 | 130 | 7.21 | 20 | |
| Chlorobenzene | 200 | 10 | 200.0 | 0 | 99.4 | 70 | 130 | 8.57 | 20 | |
| 1,1-Dichloroethene | 200 | 10 | 200.0 | 0 | 102 | 70 | 130 | 5.89 | 20 | |
| Trichloroethene (TCE) | 180 | 10 | 200.0 | 0 | 91.9 | 70 | 130 | 6.27 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 87 | | 100.0 | | 87.0 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 79 | | 100.0 | | 79.4 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 89 | | 100.0 | | 88.6 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 87 | | 100.0 | | 87.5 | 70 | 130 | 0 | 0 | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **100ng lcs2** | SampType: **LCS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **LCSW** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/27/2018** | SeqNo: **1596816** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 20 | 1.0 | 20.00 | 0 | 97.7 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 98.5 | 70 | 130 | | | |
| Chlorobenzene | 20 | 1.0 | 20.00 | 0 | 102 | 70 | 130 | | | |
| 1,1-Dichloroethene | 21 | 1.0 | 20.00 | 0 | 103 | 70 | 130 | | | |
| Trichloroethene (TCE) | 18 | 1.0 | 20.00 | 0 | 92.1 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.9 | | 10.00 | | 88.9 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.9 | | 10.00 | | 79.2 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.9 | | 10.00 | | 89.3 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.0 | 70 | 130 | | | |

| Sample ID **rb2** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1596817** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | | | | | | | |
| Naphthalene | ND | 2.0 | | | | | | | | |
| 1-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| 2-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| Acetone | ND | 10 | | | | | | | | |
| Bromobenzene | ND | 1.0 | | | | | | | | |
| Bromodichloromethane | ND | 1.0 | | | | | | | | |
| Bromoform | ND | 1.0 | | | | | | | | |
| Bromomethane | ND | 3.0 | | | | | | | | |
| 2-Butanone | ND | 10 | | | | | | | | |
| Carbon disulfide | ND | 10 | | | | | | | | |
| Carbon Tetrachloride | ND | 1.0 | | | | | | | | |
| Chlorobenzene | ND | 1.0 | | | | | | | | |
| Chloroethane | ND | 2.0 | | | | | | | | |
| Chloroform | ND | 1.0 | | | | | | | | |
| Chloromethane | ND | 3.0 | | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **rb2** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1596817** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | ND | 1.0 | | | | | | | | |
| cis-1,2-DCE | ND | 1.0 | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | | | | | | | |
| Dibromochloromethane | ND | 1.0 | | | | | | | | |
| Dibromomethane | ND | 1.0 | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | | | | | | | | |
| 2,2-Dichloropropane | ND | 2.0 | | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | | | | | | | | |
| 2-Hexanone | ND | 10 | | | | | | | | |
| Isopropylbenzene | ND | 1.0 | | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 10 | | | | | | | | |
| Methylene Chloride | ND | 3.0 | | | | | | | | |
| n-Butylbenzene | ND | 3.0 | | | | | | | | |
| n-Propylbenzene | ND | 1.0 | | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | | | | | | | | |
| Styrene | ND | 1.0 | | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | | | | | | | |
| Tetrachloroethene (PCE) | ND | 1.0 | | | | | | | | |
| trans-1,2-DCE | ND | 1.0 | | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | | | | | | | | |
| Trichloroethene (TCE) | ND | 1.0 | | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 2.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **rb2** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1596817** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.7 | | 10.00 | | 87.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 8.0 | | 10.00 | | 79.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.8 | | 10.00 | | 88.0 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.0 | 70 | 130 | | | |

| Sample ID **1802c72-021ams** | SampType: **MS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **CMW-1** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1596818** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 250 | 5.0 | 100.0 | 150.6 | 95.1 | 60.5 | 137 | | | |
| Toluene | 100 | 5.0 | 100.0 | 1.630 | 102 | 70 | 130 | | | |
| Chlorobenzene | 100 | 5.0 | 100.0 | 0 | 105 | 70 | 130 | | | |
| 1,1-Dichloroethene | 110 | 5.0 | 100.0 | 0 | 106 | 70 | 130 | | | |
| Trichloroethene (TCE) | 96 | 5.0 | 100.0 | 0 | 95.8 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 44 | | 50.00 | | 87.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 39 | | 50.00 | | 77.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 43 | | 50.00 | | 85.1 | 70 | 130 | | | |
| Surr: Toluene-d8 | 44 | | 50.00 | | 88.4 | 70 | 130 | | | |

| Sample ID **1802c72-021amsd** | SampType: **MSD** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **CMW-1** | Batch ID: **B49408** | RunNo: **49408** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1596819** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 240 | 5.0 | 100.0 | 150.6 | 90.5 | 60.5 | 137 | 1.91 | 20 | |
| Toluene | 100 | 5.0 | 100.0 | 1.630 | 99.7 | 70 | 130 | 2.65 | 20 | |
| Chlorobenzene | 100 | 5.0 | 100.0 | 0 | 102 | 70 | 130 | 3.12 | 20 | |
| 1,1-Dichloroethene | 100 | 5.0 | 100.0 | 0 | 104 | 70 | 130 | 2.25 | 20 | |
| Trichloroethene (TCE) | 94 | 5.0 | 100.0 | 0 | 93.9 | 70 | 130 | 2.06 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 43 | | 50.00 | | 86.8 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 40 | | 50.00 | | 79.1 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 43 | | 50.00 | | 86.9 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 44 | | 50.00 | | 88.4 | 70 | 130 | 0 | 0 | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **100ng lcs** | SampType: **LCS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **LCSW** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597472** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 20 | 1.0 | 20.00 | 0 | 99.1 | 70 | 130 | | | |
| Toluene | 21 | 1.0 | 20.00 | 0 | 104 | 70 | 130 | | | |
| Chlorobenzene | 21 | 1.0 | 20.00 | 0 | 106 | 70 | 130 | | | |
| 1,1-Dichloroethene | 21 | 1.0 | 20.00 | 0 | 104 | 70 | 130 | | | |
| Trichloroethene (TCE) | 19 | 1.0 | 20.00 | 0 | 94.8 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.7 | | 10.00 | | 86.8 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.8 | | 10.00 | | 77.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.5 | | 10.00 | | 85.1 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.5 | 70 | 130 | | | |

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597473** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 1.0 | | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | | | | | | | | |
| Naphthalene | ND | 2.0 | | | | | | | | |
| 1-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| 2-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| Acetone | ND | 10 | | | | | | | | |
| Bromobenzene | ND | 1.0 | | | | | | | | |
| Bromodichloromethane | ND | 1.0 | | | | | | | | |
| Bromoform | ND | 1.0 | | | | | | | | |
| Bromomethane | ND | 3.0 | | | | | | | | |
| 2-Butanone | ND | 10 | | | | | | | | |
| Carbon disulfide | ND | 10 | | | | | | | | |
| Carbon Tetrachloride | ND | 1.0 | | | | | | | | |
| Chlorobenzene | ND | 1.0 | | | | | | | | |
| Chloroethane | ND | 2.0 | | | | | | | | |
| Chloroform | ND | 1.0 | | | | | | | | |
| Chloromethane | ND | 3.0 | | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT
## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**
***05-Mar-18***

**Client:** Souder, Miller & Associates
**Project:** Santa Fe Judicial Complex

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597473** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | ND | 1.0 | | | | | | | | |
| cis-1,2-DCE | ND | 1.0 | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | | | | | | | | |
| Dibromochloromethane | ND | 1.0 | | | | | | | | |
| Dibromomethane | ND | 1.0 | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | | | | | | | | |
| Dichlorodifluoromethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | | | | | | | | |
| 2,2-Dichloropropane | ND | 2.0 | | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | | | | | | | | |
| 2-Hexanone | ND | 10 | | | | | | | | |
| Isopropylbenzene | ND | 1.0 | | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 10 | | | | | | | | |
| Methylene Chloride | ND | 3.0 | | | | | | | | |
| n-Butylbenzene | ND | 3.0 | | | | | | | | |
| n-Propylbenzene | ND | 1.0 | | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | | | | | | | | |
| Styrene | ND | 1.0 | | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | | | | | | | |
| Tetrachloroethene (PCE) | ND | 1.0 | | | | | | | | |
| trans-1,2-DCE | ND | 1.0 | | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | | | | | | | | |
| Trichloroethene (TCE) | ND | 1.0 | | | | | | | | |
| Trichlorofluoromethane | ND | 1.0 | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 2.0 | | | | | | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597473** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.7 | | 10.00 | | 87.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.8 | | 10.00 | | 77.9 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.7 | | 10.00 | | 86.7 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 87.8 | 70 | 130 | | | |

| Sample ID **1802c72-038ams** | SampType: **MS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **MW-20** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597475** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 19 | 1.0 | 20.00 | 0 | 94.8 | 60.5 | 137 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 96.1 | 70 | 130 | | | |
| Chlorobenzene | 20 | 1.0 | 20.00 | 0 | 98.2 | 70 | 130 | | | |
| 1,1-Dichloroethene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| Trichloroethene (TCE) | 18 | 1.0 | 20.00 | 0 | 92.2 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.9 | | 10.00 | | 89.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.9 | | 10.00 | | 78.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.0 | | 10.00 | | 90.2 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 87.9 | 70 | 130 | | | |

| Sample ID **1802c72-038amsd** | SampType: **MSD** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **MW-20** | Batch ID: **R49464** | RunNo: **49464** |
| Prep Date: | Analysis Date: **2/28/2018** | SeqNo: **1597476** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 18 | 1.0 | 20.00 | 0 | 92.1 | 60.5 | 137 | 2.93 | 20 | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 95.4 | 70 | 130 | 0.731 | 20 | |
| Chlorobenzene | 20 | 1.0 | 20.00 | 0 | 98.9 | 70 | 130 | 0.670 | 20 | |
| 1,1-Dichloroethene | 19 | 1.0 | 20.00 | 0 | 95.8 | 70 | 130 | 5.74 | 20 | |
| Trichloroethene (TCE) | 18 | 1.0 | 20.00 | 0 | 88.1 | 70 | 130 | 4.55 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 8.8 | | 10.00 | | 87.8 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 7.7 | | 10.00 | | 77.1 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 8.7 | | 10.00 | | 87.2 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 87.8 | 70 | 130 | 0 | 0 | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1802C72**

***05-Mar-18***

**Client:** Souder, Miller & Associates

**Project:** Santa Fe Judicial Complex

| Sample ID **100ng lcs** | SampType: **LCS** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **LCSW** | Batch ID: **R49496** | RunNo: **49496** |
| Prep Date: | Analysis Date: **3/1/2018** | SeqNo: **1599072** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 21 | 1.0 | 20.00 | 0 | 104 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.5 | | 10.00 | | 84.6 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.9 | | 10.00 | | 78.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.5 | | 10.00 | | 85.2 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.2 | 70 | 130 | | | |

| Sample ID **rb** | SampType: **MBLK** | TestCode: **EPA Method 8260B: VOLATILES** |
|---|---|---|
| Client ID: **PBW** | Batch ID: **R49496** | RunNo: **49496** |
| Prep Date: | Analysis Date: **3/1/2018** | SeqNo: **1599073** Units: **µg/L** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | ND | 1.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| Naphthalene | ND | 2.0 | | | | | | | | |
| 1-Methylnaphthalene | ND | 4.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.6 | | 10.00 | | 86.4 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 7.8 | | 10.00 | | 78.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 8.8 | | 10.00 | | 87.7 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.9 | | 10.00 | | 89.0 | 70 | 130 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
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HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: SMA-SF | Work Order Number: 1802C72 | RcptNo: 1

Received By: Erin Melendrez 2/22/2018 11:56:00 AM

Completed By: Dennis Suazo 2/22/2018 4:07:48 PM

Reviewed By: ENM 2/27/18 3 ENM 2/23/18

Unlabeled By: SCC/MW 02/23/18

## Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

## Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
10. Were any sample containers received broken? Yes ☐ No ☑

* 03b 504.1 VOAs were dropped @ lab. analyzed HgCl2 VOA

11. Does paperwork match bottle labels? for 504.1, Yes ☑ No ☐
    (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by:

## Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: MK + CP Date:
By Whom: AT SC Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: Sample I D's
Client Instructions: use ID & collection times on Sample bottles

16. Additional remarks: Per MK & CP AT 02/23/18 use ID & collection times on Sample bottles

17. **Cooler Information**

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|---|---|---|---|---|---|
| 1 | 4.4 | Good | Not Present | | | |
| 2 | 2.8 | Good | Not Present | | | |
| 3 | 5.8 | Good | Not Present | | | |

# Chain-of-Custody Record

Client: Souder, Miller & Assoc.

Mailing Address: 2904 Rodeo Park Dr.
Santa Fe NM 87505

Phone #: 505-473-9211

email or Fax#: alan.eschenbacher@souder-miller.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Santa Fe County Judicial Complex

Project #: 3223767

Project Manager: Alan Eschenbacher

Sampler: MJK, CRP, AJE

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8


**HALL ENVIRONMENTAL ANALYSIS LABORATORY**
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107


| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1802C72 | BTEX + MTBE + TMB's (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F,Cl,NO_3,NO_2,PO_4,SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/20/18 | 1:35 | $H_2O$ | MW-6 | 5, VOA | HgCl2 NaThio | 001 | | | | | X | | | | | X | | |
| | 10:35 | | MW-7 | | | 002 | | | | | X | | | | | X | | |
| | 10:15 | | MW-8 | | | 003 | | | | | X | | | | | X | | |
| | 9:40 | | MW-9 | | | 004 | | | | | X | | | | | X | | |
| | 9:15 | | MW-10 | | | 005 | | | | | X | | | | | X | | |
| 1/21/18 | 7:50 | | CMW-5 | | | 006 | | | | | X | | | | | X | | |
| | 8:30 | | MW-5 | | | 007 | | | | | X | | | | | X | | |
| | 9:00 | | MW-12 | | | 008 | | | | | X | | | | | X | | |

| Date | Time | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 1/22/18 | 11:56 | Catherine Parker | | 1/22/18 | 1156 |
| Date: | Time: | Relinquished by: | Received by: | Date | Time |

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

# Chain-of-Custody Record

Client: Souder, Miller & Assoc.

Mailing Address: 2904 Rodeo Park Dr.
Santa Fe, NM 87562

Phone #: 505-473-9911

email or Fax#: alan.eschenbacher@souder miller.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Santa Fe County Judicial Complex

Project #: 3223767

Project Manager: Alan Eschenbacher

Sampler: MTK, CRP, AJE

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8


**HALL ENVIRONMENTAL ANALYSIS LABORATORY**
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107


| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1802672 | BTEX + MTBE + TMB's (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F,Cl,NO_3,NO_2,PO_4,SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/19/18 | 1510 | $H_2O$ | MW-11 | 5 VOA | | 009 | | | | | X | | | | | X | | |
| | 1408 | | MW-14 | | | 010 | | | | | X | | | | | X | | |
| | 1113 | | MW-15 | | | 011 | | | | | X | | | | | X | | |
| | 1216 | | MW-17 | | | 012 | | | | | X | | | | | X | | |
| | 1246 | | SFCMW-07 | | | 013 | | | | | X | | | | | X | | |
| | 0940 | | SFCMW-11 | | | 014 | | | | | X | | | | | X | | |
| | 1200 | | SFCMW-12 | | | 015 | | | | | X | | | | | X | | |
| | 1109 | | TWN-01 | | | 016 | | | | | X | | | | | X | | |
| | 1535 | | TWN-3 | | | 017 | | | | | X | | | | | X | | |
| | 1325 | | SVE-10D | | | 018 | | | | | X | | | | | X | | |
| | | | Trip Blank | 3 Voa | | 019 | | | | | | | | | | | | |
| | 1110 | | MW-13 | 5 VOA | | 020 | | | | | | | | | | | | |

| Date: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 2/22/18 | 11:56 | Catherine Parker | | 2/22/18 | 1156 |
| Date: | Time: | Relinquished by: | Received by: | Date | Time |

Remarks:

Analysis Request

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# Chain-of-Custody Record

Client: SMA

Mailing Address: SFO

Phone #: 505-473-9211

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: ~~SANTA FE~~ County Judicial Complex

Project #: 3223767

Project Manager: Alan Gischen Baehler

Sampler: MTL, CRP, AJE

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8

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www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1802072 | BTEX + MTBE + TMB's (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F,Cl,NO_3,NO_2,PO_4,SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/20/18 | 1340 | H2O | CMW-1 | 5 VOA | | 021 | | | | | X | | | | | X | | |
| | 1540 | | CMW-2 | | | 022 | | | | | X | | | | | X | | |
| | 1528 | | CMW-3R | | | 023 | | | | | X | | | | | X | | |
| | 1428 | | CMW-4 | | | 024 | | | | | X | | | | | X | | |
| | 1430 | | SFCMW-01 | | | 025 | | | | | X | | | | | X | | |
| | 1355 | | SFCMW-~~02~~ 03 | | | 026 | | | | | X | | | | | X | | |
| | 1310 | | SFCMW-03 | | | 027 | | | | | X | | | | | X | | |
| | 1221 | | SFCMW-06 | | | 028 | | | | | X | | | | | X | | |
| | 1110 | | SFCMW-08 | | | 029 | | | | | X | | | | | X | | |
| | 1450 | | SFCMW-10 | | | 030 | | | | | X | | | | | X | | |
| | 1040 | | TWN-2 | | | 031 | | | | | X | | | | | X | | |
| ↓ | 1145 | ↓ | SVE-08 | ↓ | | 032 | | | | | X | | | | | X | | |

2/23/18

| Date | Time | Relinquished by | Received by | Date | Time |
|---|---|---|---|---|---|
| 2/22/18 | 11:56 | Catherine Parker | | 2/22/18 | 1156 |
| | | | | | |

Remarks:

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# Chain-of-Custody Record

Client: SMA

Mailing Address: SFO

Phone #: (505) 473-9211

email or Fax#: alan.eschenbacher@sodermiller.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Santa Fe County Judical Complex

Project #: 3223767

Project Manager: Alan Eschenbacher

Sampler: MTK, CRP, AJE

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/22/18 | 1645 | H2O | MW1R | 5 VOA | | 033 | | | | | X | | | | | X | | |
| 2/22/18 | 1420 | | MW-2 | | | 034 | | | | | X | | | | | X | | |
| | 1420 | | MW-4R | | | 035 | | | | | X | | | | | X | | |
| | 1345 | | MW-14 | | | 036 | | | | | X | | | | | X | | |
| | 1421 | | MW-19 | | | 037 | | | | | X | | | | | X | | |
| | 1325 | | MW-20 | | | 038 | | | | | X | | | | | X | | |
| | 1255 | | TWS-1 | | | 039 | | | | | X | | | | | X | | |
| | 1230 | | TWS-2 | | | 040 | | | | | X | | | | | X | | |
| | 1305 | | TWS-3 | | | 041 | | | | | X | | | | | X | | |
| | 1345 | | TWS-4 | | | 042 | | | | | X | | | | | X | | |
| | 1145 | | SVE-1 | ↓ | | 043 | | | | | X | | | | | X | | |
| ↓ | 1509 | ↓ | SVE-2 | 6 VOA | | 044 | | | | | X | | | | | X | | |

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|---|---|---|---|---|---|
| 2/22/18 | 11:56 | Catherine Parker | | 2/22/18 | 1156 |
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# Chain-of-Custody Record

Client: SHA

Mailing Address: 550

Phone #: (505) 473-9211

email or Fax#: alan.eschenbacher@sourcemiller.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Santa Fe County Judical Complex

Project #: 3223767

Project Manager: Alan Eschenbacher

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.8

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**Analysis Request**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/21/18 | 1244 | H2O | SVE-3 | 5 Voa | | 045 | | | | | X | | | | | X | | | | | | |
| | 1525 | | SVE-5 | 6 Voa | | 046 | | | | | X | | | | | X | | | | | | |
| | 1033 | | SVE-6 | 5 Voa | | 047 | | | | | X | | | | | X | | | | | | |
| ↓ | 1209 | ↓ | SVE-11D | 5 Voa | | 048 | | | | | X | | | | | X | | | | | | |
| | | | Trip Blank | 3 Voa | | 049 | | | | | | | | | | | | | | | | |

| Date: | Time: | Relinquished by: | Received by: | Date | Time | Remarks: |
|---|---|---|---|---|---|---|
| 2/22/18 | 11:56 | | | 2/22/18 | 11:56 | |
| Date: | Time: | Relinquished by: | Received by: | Date | Time | |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.