

Semi-Annual Ground Water Monitoring
September 2019

Barelas Bridge
800 Bridge Boulevard SW
Albuquerque, New Mexico 87105
Facility # 29854 Release ID #: 54

Job No. 3288JV023



**Western
Technologies
Inc.**

The Quality People
Since 1955

ALBUQUERQUE – NEW MEXICO

8305 Washington Place N.E.
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Prepared For:

**New Mexico Environment Department
Petroleum Storage Tank Bureau
121 Tijeras Avenue NE, Suite 1000
Albuquerque, New Mexico 87102**

October 10, 2019

David C. Wagner
Senior Environmental Scientist

Sean Moggridge
Project Scientist



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October 10, 2019

New Mexico Environment Department
Petroleum Storage Tank Bureau
121 Tijeras Avenue NE, Suite 1000
Albuquerque, New Mexico 87102

Attn: Corey Jarrett, Geoscientist

**Re: Semi-Annual Ground Water Monitoring (September 2019)
Barelas Bridge
800 Bridge Boulevard SW
Albuquerque, New Mexico 87105**

Job No. 3288JV023

Facility #: 29854

Release ID #: 54

WPID #: 4023-2

Western Technologies (WT) is pleased to present this Semi-Annual Ground Water Monitoring Report for the referenced State Lead site. The original tasks were detailed in a WT workplan dated August 7, 2018. The NMED PSTB approval letter was dated February 22, 2019.

Should you have any questions or comments, please call.

Sincerely,
WESTERN TECHNOLOGIES INC.
Senior Environmental Services

David C. Wagner, P. G.
Environmental Scientist

Copies to: Addressee (1)

Semi-Annual Ground Water Monitoring (September 2019)
Barelas Bridge, 800 Bridge Boulevard SW, Albuquerque, New Mexico 87105
Facility # 29854 Release ID #: 54
Job No. 3288JV023

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**COVER PAGE
FORM 1216
SEMI-ANNUAL GROUND WATER MONITORING**

Please include the following information:

1. **Site name:** Barelas Bridge
2. **Responsible party:** State Lead Site
3. **Responsible party mailing address** (list contact person if different):
Petroleum Storage Tank Bureau
121 Tijeras Avenue NE, Suite 1000
Albuquerque, New Mexico 87102
4. **Facility number:** 29854
5. **Address/legal description:**
800 Bridge Boulevard SW, Albuquerque, New Mexico 87105
6. **Author/consulting company:** David C. Wagner/Western Technologies Inc.
7. **Date of report:** October 10, 2019
8. **Date of confirmation of release or date PSTB was notified of the release:**
August 1989

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: David C. Wagner

Name: David C. Wagner, P.G.

Affiliation: Western Technologies Inc.

Title: Environmental Scientist

Certified Scientist #: Not Applicable

Date: October 10, 2019



I. INTRODUCTION:

A. Scope of work: WPID #: 4023-2 and Site History

The following tasks were detailed in a WT workplan dated August 7, 2018. The NMED PSTB approval letter was dated February 22, 2019. Western Technologies (WT) collected ground water samples from all ground water monitor wells specified in the workplan during this monitoring event. This report completes the scope of work for WPID #: 4023-2. Task 2 was the final Task of WPID #: 4023.

Figures are presented in Appendix A. Tables are presented in Appendix B. The laboratory analytical report is presented in Appendix C. Appendix D presents relevant charts. Field Notes are presented in Appendix E. A Physical Setting Report (PSR) is presented in Appendix F.

The current Site and vicinity layout is illustrated on Figure 1, Site Plan overlaid on a 2018 Aerial Photograph. The Site was an active fuel dispensing facility beginning in the 1940s¹. The Site was an active fuel dispensing facility and convenience store during this monitoring event. According to the most recent PSTB UST Report, the Site was 7-Eleven #750 and operated by Southwest Convenience Stores LLC (Tank Owner ID: 17265, Tank Operator ID: O3878).

The Rio Grande River is approximately 1,000 feet east of Site. The Atrisco Drain is about 400 feet east of the Site. According to the Physical Setting Report (PSR), the geology of the Site is Quaternary alluvium deposits of the Rio Grande River floodplain (PSR page 9). Two soil types, Map Unit GB (PSR page 11) and Map Unit VbA (PSR page 12) were present in the vicinity of the Site. Map Unit VbA (Vinton sandy loam) is present at the Site and east, north and west of the Site. Map Unit GB (Gila loam), was south of the site and contained MW-7. WT believes that all Site wells are completed in the silt, sand, and gravelly sand of the Gila loam.

Site History

The Site in an unincorporated area of Bernalillo County and was a gasoline station beginning in the 1940s. A brief summary of investigation and remediation activities completed at the Site is presented below.

- Contaminated soil in the former UST pit area was excavated and removed in August 1989 after the release was first reported. (See Figure 1). Contaminated soil

¹ Intera Geoscience and Engineering Solutions, 2nd Semi-Annual Ground water Monitoring Report, Barelas Bridge Site, Facility # 29854; Release ID # 54, March 2018, Albuquerque, Bernalillo County, New Mexico



along the southern Site boundary was excavated and removed in October 1989. During the October 1989 excavation activities, an approximately 100 to 150 gallon waste-oil tank was removed. The current USTs were installed in 2012.

- Between August 1989 and August 1990, the Albuquerque Environmental Health Department (AEHD) completed an initial hydrogeologic investigation; which included the advancement of 19 soil borings. Four soil borings were converted to monitoring wells MW-1, MW-2, MW-3, and MW-4. Soil and ground water samples were collected for chemical analyses.
- From October to December 1990, Leggette, Brashears & Graham, Inc. (LBG), conducted additional hydrogeologic investigation activities, which included the advancement of five soil borings. Four were converted to monitoring wells (MW-5, MW-6, MW-7, and MW-8). Soil and ground water samples were collected for chemical analyses. Short pumping tests were conducted at two monitoring well locations. LBG concluded that the horizontal extent of contamination was delineated; ground water flow direction was to the south; the southernmost monitoring wells, MW-1, MW-2, and MW-3, did not contain petroleum hydrocarbons in ground water at concentrations that exceeded New Mexico Water Quality Control Commission (NMWQCC) regulatory limits. Contaminants of concern, above NMWQCC regulatory limits, included benzene, toluene, ethylbenzene, total xylenes, iron, and manganese.
- In August 1992, Ground Water Technology (GT) oversaw the advancement of five soil borings. These borings were completed as multi-purpose wells for use in an air-spargе/soil vapor extraction (AS/SVE) pilot test. Results of the AS/SVE pilot test indicated that an AS/SVE system could effectively remediate the source zone; therefore, GT proposed installing a full-scale system (GT, 1992). Based on existing monitoring wells, it appears that the full-scale AS/SVE system was installed.
- By 1995, GT installed one monitor well (MW-9) and a total of seven paired AS/SVE wells (AS-1/VP-1 through AS-7/VP-7). WT did not review the operational history of the AS/SVE system.
- WT performed State Lead ground water monitoring events at the Site between January 2000 and July 2003. WT was the first to use EPA Method 8260B for total naphthalenes (naphthalene, 1-methylnaphthalene & 2-methylnaphthalene).
- In May 2003, WT installed four 10-foot deep confirmation borings (See Figure 1). WT also decommissioned the inactive AS/SVE system. All remediation system piping was pressure grouted in place. All remediation system well vaults were



grouted in place and capped with approximately six-inches of wire-mesh-reinforced 3,500-psi concrete. SVE wells VP-2 and VP-5 were converted to monitor wells.

- In May 2003, monitor wells MW-2, MW-5, and MW-6 were plugged and abandoned. WT believes that MW-3 was previously plugged and abandoned because WT located a concrete plug in the approximate location of MW-3 in May 2003. The resident of 147 La Vega SW would not allow WT personnel to search for MW-1 and asked WT personnel to leave.
- Two ground water monitoring events were conducted in October 2006 and May 2009 by an unknown State Lead consultant. The data was summarized by the following State Lead consultant, Intera Geoscience and Engineering Solutions (Intera).
- Intera conducted eight ground water monitoring events between April 2014 and March 2018.

B. Monitoring Event Highlights:

Total naphthalene exceeded the NMWQCC Regulatory Limits in VP-5 and MW-8, while all other EPA Method 8260B List compounds below NMWQCC regulatory limits. All MW-4, MW-7, MW-9, and VP-2 EPA Method 8260B List compounds were below NMWQCC regulatory limits.

The 8.24-foot deep MW-1 was last located in January 2000 and was dry. WT attempted to locate MW-1 with magnetic locator on September 23, 2019. WT could not locate MW-1 in the driveway of 147 La Vega SW during this monitoring event. WT believes that MW-1 was probably destroyed.

II. ACTIVITIES PERFORMED DURING THIS MONITORING EVENT:

A. Brief description of remediation system and date installed.

No operating remediation system was present at the site. The remediation system was decommissioned in 2003.

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

Not applicable.



C. Monitoring activities performed.

WT collected ground water samples from monitor wells MW-4, MW-7, MW-8, MW-9, VP-2, and VP-5 during this monitoring event (see Figure 2, Site Plan and Ground Water Contour Map). Current and historical data is presented in Table 1, Ground Water Elevation Data.

Before collecting ground water samples from the monitor wells, the water levels in the monitor wells were measured with a Heron™ interface probe (IP). The IP was also used to measure free product, if any. The IP was decontaminated with an Alconox solution, then rinsed with tap water, and finally rinsed with deionized water before and after each water level measurement.

A minimum of three well volumes were removed from each well before collecting a ground water sample (see Table 2, Ground Water Field Data). The well purging was conducted with a new 1.66-inch diameter disposable bailer for each well. During purging activities, ground water parameters of temperature, dissolved oxygen, pH, Oxidation-Reduction Potential (ORP/eH), and specific conductivity were measured and recorded using a YSI Professional Plus™ multiparameter water quality probe manufactured by In-Situ Inc.

Measurements were digitally recorded as specific volumes of ground water removed from each well as indicated on Table 2. Before and after obtaining ground water parameters from each well, the multiparameter water quality probe was decontaminated with an Alconox solution, then rinsed with tap water, and finally rinsed with deionized water.

All of the ground water samples collected were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Each ground water sample for analyses were placed into three pre-cleaned, laboratory supplied 40-milliliter glass containers. The preservative was mercuric chloride (Hg₂Cl₂). Chain-of-custody (COC) records were maintained and accompanied the transfer of samples from field personnel to the laboratory. All laboratory samples were labeled, placed in a cooler with ice, and then transported to the analytical laboratory. Each sample container label mirrored the information on the COC. All laboratory samples were analyzed by Hall Environmental Analysis Laboratory, Inc. in Albuquerque, New Mexico (See Appendix C).

The depths to ground water ranged from 7.59 feet below top of casing (MW-4) to 8.91 feet below top of casing (MW-8) during this monitoring event (see Table 1, Ground Water Elevation Data).



Ground water elevations ranged from 4535.75 feet (VP-5) to 4535.13 feet (VP-2) above mean sea level (MSL). The average ground water elevations decreased 0.002 feet since the previous ground water monitoring event of March 2018. The gradient was 0.002 ft./ft. The essentially flat ground water gradient observed during this ground water monitoring event was generally to the south-southeast (see Figure 2, Site Plan and Ground Water Contour Map).

Based on the results of the EPA Method 8260B laboratory analysis, total BTEX concentrations ranged from below the respective laboratory Practical Quantitation Limits (PQLs) to 11.3 micrograms per liter ($\mu\text{g/L}$) (MW-8) during this monitoring event (see Table 3, Summary of Water Sample Analytical Test Results). Other EPA Method 8260B List compounds were detected during this monitoring event (see Table 4, Current Water Sample Analytical Test Results: Volatile Organic Analysis by EPA Method 8260). Historically, all EPA Method 504.1 results for EDB were below the PQL of 0.010 $\mu\text{g/L}$ (see Table 3).

No laboratory analytical results exceeded applicable New Mexico Water Quality Control Commission (NMWQCC) regulatory limits for EPA Method 8260B List compounds with the sole exception of total naphthalenes (see Figure 3, Dissolved Petroleum Hydrocarbon Concentration Map).

Total naphthalene concentrations in VP-5 (136.1 $\mu\text{g/L}$) and MW-8 (59 $\mu\text{g/L}$), exceeded the NMWQCC regulatory limit of 30 $\mu\text{g/L}$ for total naphthalenes. Total naphthalene concentration contours are presented on Figure 4, Dissolved Total Naphthalenes Concentration Contour Map. The total naphthalenes ground water contamination plume is undefined to the east and north. North was up-gradient and west was cross gradient. Note that the plugged and abandoned VP-6 was non-detect for total naphthalenes for 11 consecutive monitoring events between January 2000 and January 2003.

Historical dissolved lead data from previous monitoring events were below the PQL of 0.005 milligrams per liter (mg/L) for all ground water samples (see Table 5, Summary of Dissolved Metals Analytical Test Results). No historical analytical results exceeded the NMWQCC regulatory limit of 0.05 mg/L for lead, however historical data indicates that all previous analytical results exceeded the NMWQCC regulatory limit of 0.2 mg/L for manganese. Historical data indicates MW-4, MW-8, VP-1, and VP-5 exceeded the NMWQCC regulatory limit of 1.0 mg/L for iron (see Table 5).

Chart 1, Naphthalene Concentrations (linear) in Appendix D illustrates the relative magnitude of naphthalene concentrations in MW-8, MW-9, VP-2, and VP-5 over time. Ground water samples were first analyzed for naphthalenes in January 2000.



Chart 2: Naphthalene Concentrations (logarithmic): MW-8, MW-9, VP-2, VP-5: January 2000 to March 2019, illustrates the naphthalene concentrations over time. The VP-5 and MW-8 naphthalene concentrations exceeded the NMWQCC regulatory limit of 30 $\mu\text{g/L}$ between 2000 and the date of this report. The MW-9 and VP-2 naphthalene concentrations occasionally exceeded the NMWQCC regulatory limit. The MW-9 naphthalene concentration last exceeded the NMWQCC regulatory limit in January 2018. The VP-2 naphthalene concentration last exceeded the NMWQCC regulatory limit in April 2013.

Significant naphthalene concentrations versus ground water elevation is illustrated by Chart 3: Naphthalene Concentrations (logarithmic) MW-8, MW-9, and VP-5 versus MW-8 Ground Water Elevations: January 2000 to March 2019. The MW-8 ground water elevation was chosen because it is representative of historical ground water elevation data. Data indicates the average ground water elevation increased ~ 0.5 feet since 2000. Total naphthalenes in MW-8 and VP-5 have exceeded the NMWQCC regulatory limit of 30 $\mu\text{g/L}$ during every monitoring event.

D. System performance and effectiveness-include discussion on estimated amount of hydrocarbon removed in preceding quarter and amount removed to date and provide confidence of the determination.

Not applicable.

E. Statement verifying containment of release.

The total naphthalenes ground water contamination plume is undefined to the north. North was up-gradient. The plugged and abandoned VP-6 defined the contamination plume to the west. VP-6 was non-detect for total naphthalenes for 11 consecutive monitoring events between January 2000 and January 2003.

The contamination plume is defined in the down-gradient direction to the south by MW-4, MW-9, and the more distant MW-7. The contamination plume is defined in the cross-gradient direction to the east by VP-2.

III. SUMMARY AND CONCLUSIONS:

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

Ground Water Data

The ground water table was always less than 10 feet below ground surface. Historical data indicates the average ground water elevation increased ~ 0.5 feet since 2000.



The 0.002 ft./ft. ground water gradient to the south-southeast observed during this ground water monitoring event is similar to historical gradients. The ground water table appeared essentially flat with little movement of ground water.

Based on site observations, WT believes that the area around VP-5 is a significant ground water recharge area. Surface runoff water pools in the asphalt depression immediately north of VP-5. The surface water percolates through to the shallow ground water table.

Laboratory Analytical Data

The total naphthalenes plume appears confined to the area of VP-5 and MW-8. Analytical results from monitor wells VP-5 and MW-8 have exceeded the NMWQCC regulatory limit of 30 $\mu\text{g}/\text{L}$ for total naphthalenes since EPA Method 8260B was first used in January 2000.

Other EPA Method 8260B VOCs were detected during this monitoring event. None of the laboratory analytical results exceeded the other applicable NMWQCC regulatory limits for EPA Method 8260B List Compounds.

All historical EPA Method 6010 results for lead were below the PQL of 0.005 mg/L. However historical data indicates that all previous analytical results exceeded the NMWQCC regulatory limit of 0.2 mg/L for manganese. Historical data indicates some wells have exceed the NMWQCC regulatory limit of 1.0 mg/L for iron.

B. Ongoing assessment of remediation system.

Not applicable.

C. Recommendations.

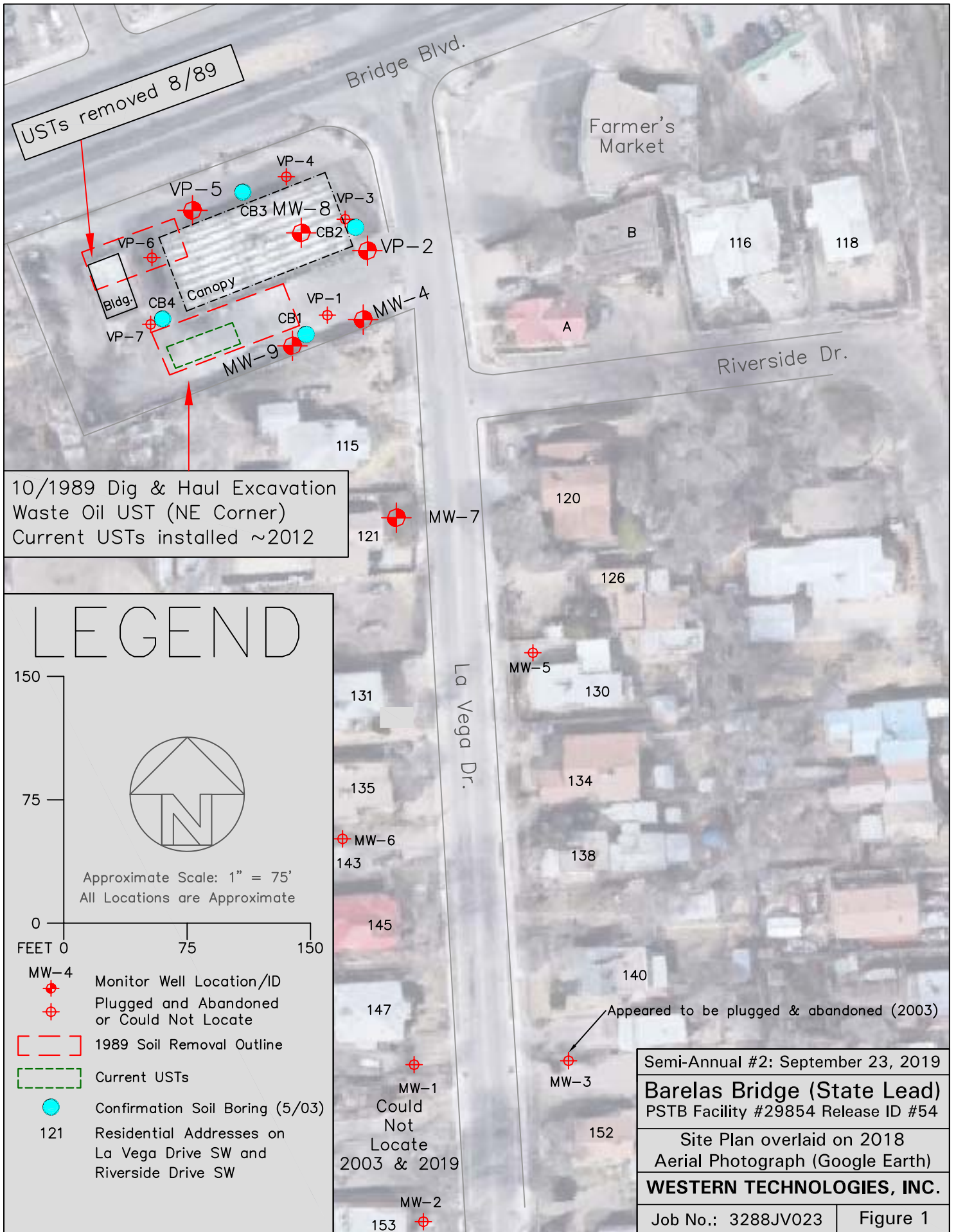
- WT recommends plugging and abandoning MW-1 if it can be located and Consent for Access is obtained.
- WT recommends continued semi-annual ground water monitoring at the site.
- WT recommends ground water remediation because 20 years of data indicate that natural attenuation was not effective for total naphthalenes.
- WT recommend installing a monitor well, north of VP-5, to delineate the total naphthalenes plume.



APPENDIX A

Figures

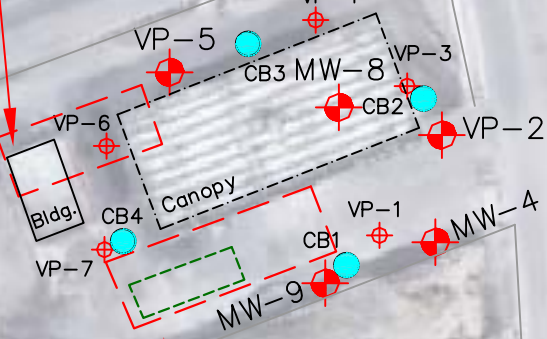




USTs removed 8/89

Bridge Blvd.

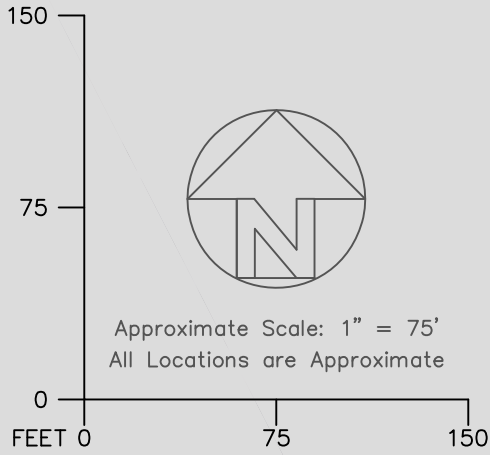
Farmer's Market



Riverside Dr.

10/1989 Dig & Haul Excavation
Waste Oil UST (NE Corner)
Current USTs installed ~2012

LEGEND



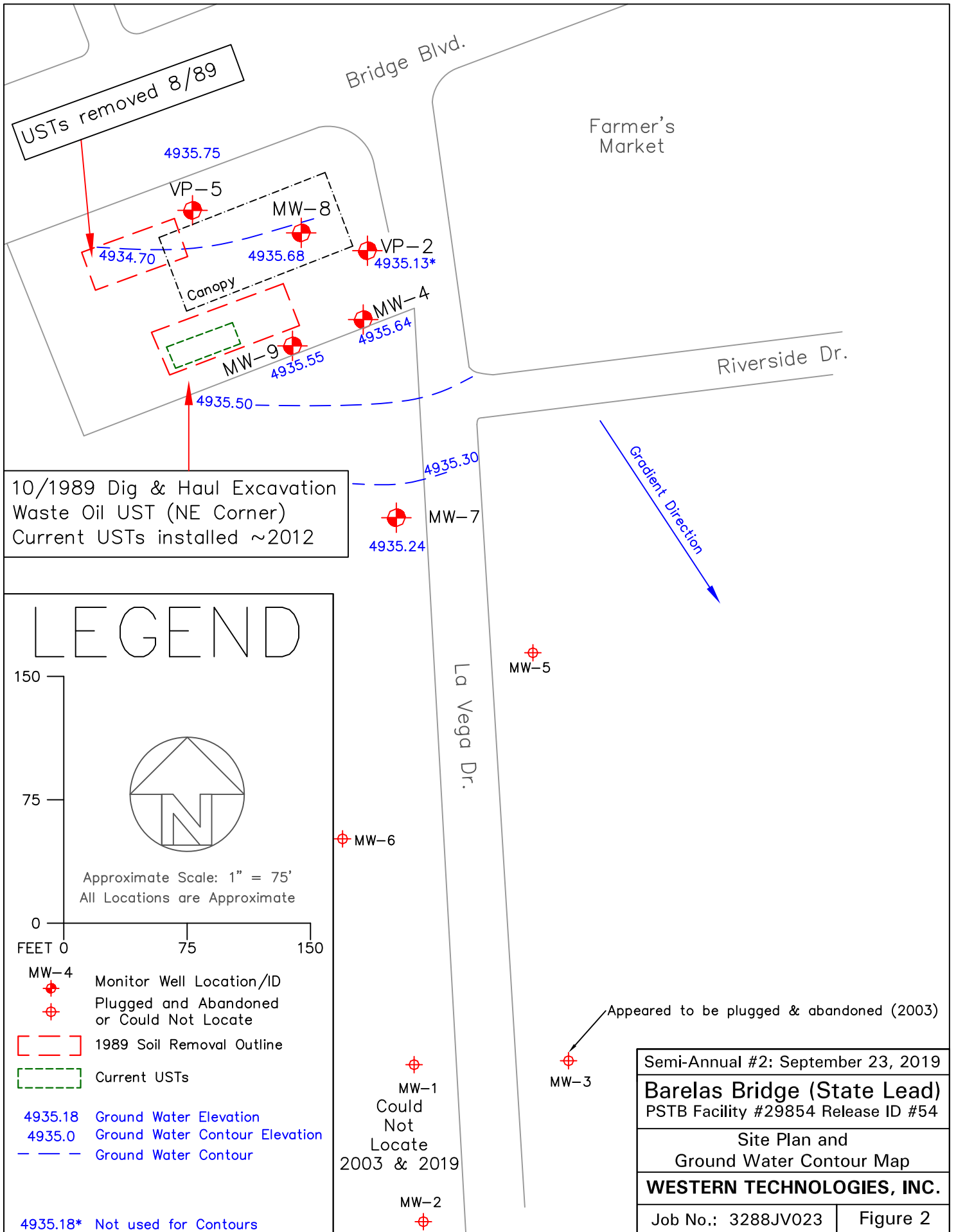
- MW-4 Monitor Well Location/ID
- Plugged and Abandoned or Could Not Locate
- 1989 Soil Removal Outline
- Current USTs
- Confirmation Soil Boring (5/03)
- 121 Residential Addresses on La Vega Drive SW and Riverside Drive SW

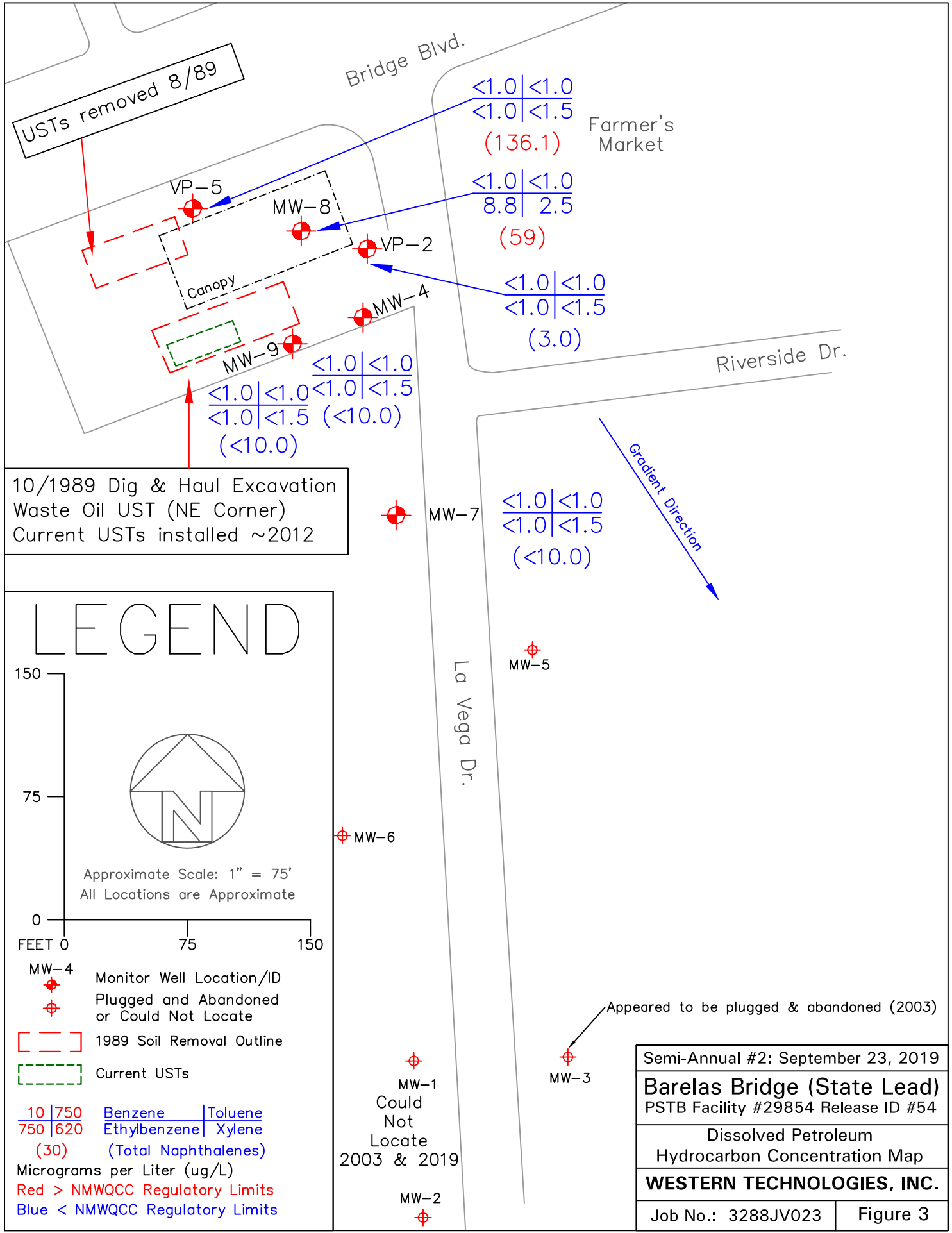
- MW-7
- 121
- 120
- 126
- MW-5
- 130
- 131
- 135
- MW-6
- 143
- 145
- 147
- MW-1
- Could Not Locate
- 2003 & 2019
- MW-2
- 153

La Vega Dr.

Appeared to be plugged & abandoned (2003)

Semi-Annual #2: September 23, 2019	
Barelas Bridge (State Lead)	
PSTB Facility #29854 Release ID #54	
Site Plan overlaid on 2018 Aerial Photograph (Google Earth)	
WESTERN TECHNOLOGIES, INC.	
Job No.: 3288JV023	Figure 1





USTs removed 8/89

Bridge Blvd.

<1.0 | <1.0
<1.0 | <1.5
(136.1)

Farmer's Market

VP-5

MW-8

<1.0 | <1.0
8.8 | 2.5
(59)

VP-2

Canopy

MW-4

<1.0 | <1.0
<1.0 | <1.5
(3.0)

MW-9

<1.0 | <1.0
<1.0 | <1.5
(<10.0)

Riverside Dr.

10/1989 Dig & Haul Excavation Waste Oil UST (NE Corner)
Current USTs installed ~2012

MW-7

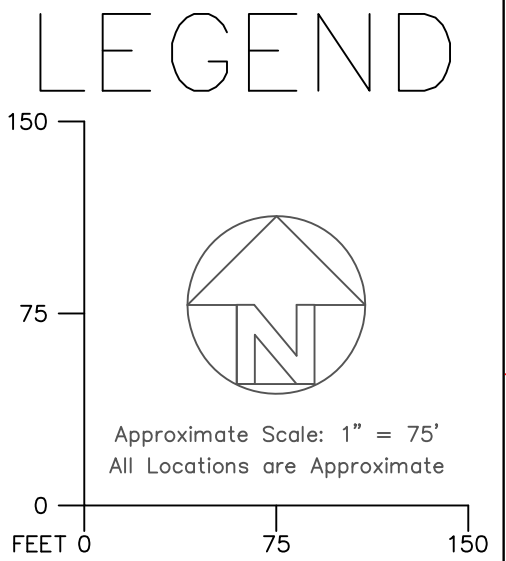
<1.0 | <1.0
<1.0 | <1.5
(<10.0)

Gradient Direction

La Vega Dr.

MW-5

MW-6



- MW-4 Monitor Well Location/ID
- Plugged and Abandoned or Could Not Locate
- 1989 Soil Removal Outline
- Current USTs

10	750	Benzene	Toluene
750	620	Ethylbenzene	Xylene
(30)		(Total Naphthalenes)	

Micrograms per Liter (ug/L)
Red > NMWQCC Regulatory Limits
Blue < NMWQCC Regulatory Limits

MW-1
Could Not Locate
2003 & 2019

MW-2

Appeared to be plugged & abandoned (2003)

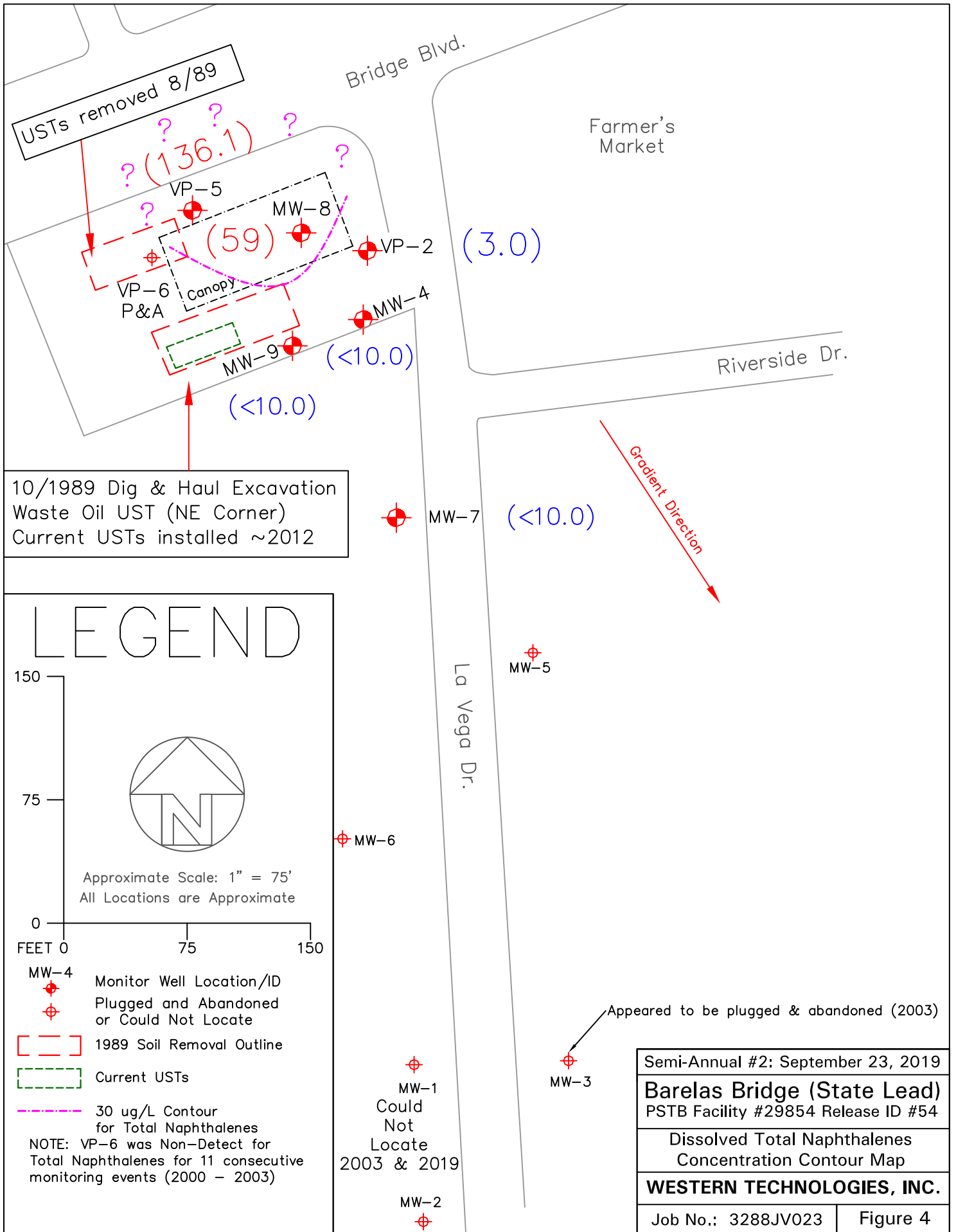
Semi-Annual #2: September 23, 2019

Barelas Bridge (State Lead)
PSTB Facility #29854 Release ID #54

Dissolved Petroleum Hydrocarbon Concentration Map

WESTERN TECHNOLOGIES, INC.

Job No.: 3288JV023 | Figure 3



APPENDIX B

Tables



Barelas Bridge Site
 800 Bridge Blvd, SW
 Albuquerque, New Mexico 87105
 PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-4	09/23/19	4943.23	20.70	4922.53	7.59	13.11	4935.64
	03/26/19	4943.23	21.50	4921.73	7.73	13.77	4935.50
	03/06/18	4943.23	16.50	4926.73	7.57	8.93	4935.66
	01/12/18	4943.23	16.50	4926.73	7.75	8.75	4935.48
	05/19/15	4943.23	16.50	4926.73	7.82	8.68	4935.41
	12/02/14	4943.23	16.50	4926.73	8.09	8.41	4935.14
	04/09/14	4943.23	16.50	4926.73	8.16	8.34	4935.07
	01/30/14	4943.23	16.50	4926.73	8.20	8.30	4935.03
	04/02/13	4943.23	16.50	4926.73	7.91	8.59	4935.32
	05/08/09	4943.23	16.50	4926.73	7.67	8.83	4935.56
	10/04/06	4943.23	16.50	4926.73	8.02	8.48	4935.21
	07/17/03	4943.23	16.50	4926.73	8.45	8.05	4934.78
	01/10/03	4943.23	16.50	4926.73	8.35	8.15	4934.88
	09/24/02	4943.23	16.50	4926.73	8.33	8.17	4934.90
	07/03/02	4943.23	16.50	4926.73	8.30	8.20	4934.93
	04/01/02	4943.23	16.50	4926.73	8.48	8.02	4934.75
	01/03/02	4943.23	16.50	4926.73	8.43	8.07	4934.80
	10/01/01	4943.23	16.50	4926.73	8.00	8.50	4935.23
	05/29/01	4943.23	16.48	4926.75	8.08	8.40	4935.15
	02/06/01	4943.23	16.48	4926.75	8.19	8.29	4935.04
	07/27/00	4943.23	16.48	4926.75	9.04	7.44	4934.19
04/26/00	4943.23	16.48	4926.75	9.16	7.32	4934.07	
01/26/00	4943.23	16.48	4926.75	8.65	7.83	4934.58	
01/06/00	4943.23	16.48	4926.75	8.51	7.97	4934.72	
03/07/96	4943.23	16.48	4926.75	8.48		4934.75	



Barelas Bridge Site
 800 Bridge Blvd, SW
 Albuquerque, New Mexico 87105
 PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-7	09/23/19	4942.94	21.56	4921.38	7.70	13.86	4935.24
	03/26/19	4942.94	21.56	4921.38	7.79	13.77	4935.15
	03/06/18	4942.94	21.45	4921.49	7.63	13.82	4935.31
	01/12/18	4942.94	21.45	4921.49	7.78	13.67	4935.16
	05/19/15	4942.94	21.45	4921.49	7.91	13.54	4935.03
	12/02/14	4942.94	21.45	4921.49	8.10	13.35	4934.84
	08/13/11	4942.94	21.45	4921.49	7.91	13.54	4935.03
	05/08/09	4942.94	21.45	4921.49	7.81	13.64	4935.13
	10/04/06	4942.94	21.45	4921.49	8.20	13.25	4934.74
	07/17/03	4942.94	21.45	4921.49	8.61	12.84	4934.33
	01/10/03	4942.94	21.45	4921.49	8.45	13.00	4934.49
	09/24/02	4942.94	21.45	4921.49	8.45	13.00	4934.49
	07/03/02	4942.94	21.45	4921.49	8.40	13.05	4934.54
	04/01/02	4942.94	21.45	4921.49	8.66	12.79	4934.28
	01/03/02	4942.94	21.45	4921.49	8.50	12.95	4934.44
	10/02/01	4942.94	21.45	4921.49	8.20	13.25	4934.74
	03/07/96	4942.94	21.45	4921.49	8.61	12.84	4934.33

Screened Interval: 7.0'-22.0' (Reported)



Barelas Bridge Site
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 PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-8	09/23/19	4944.59	13.27	4931.32	8.91	4.36	4935.68
	03/26/19	4944.59	13.27	4931.32	9.03	4.24	4935.56
	03/06/18	4944.59	13.16	4931.43	8.90	4.26	4935.69
	01/12/18	4944.59	13.16	4931.43	9.02	4.14	4935.57
	05/19/15	4944.59	13.16	4931.43	9.31	3.85	4935.28
	12/02/14	4944.59	13.16	4931.43	9.37	3.79	4935.22
	04/09/14	4944.59	13.16	4931.43	9.47	3.69	4935.12
	01/30/14	4944.59	13.16	4931.43	9.50	3.66	4935.09
	04/02/13	4944.59	13.16	4931.43	9.23	3.93	4935.36
	08/13/11	4944.59	13.16	4931.43	9.12	4.04	4935.47
	05/08/09	4944.59	13.16	4931.43	8.96	4.20	4935.63
	10/04/06	4944.59	13.16	4931.43	9.30	3.86	4935.29
	07/17/03	4944.59	13.16	4931.43	9.71	3.45	4934.88
	01/10/03	4944.59	13.16	4931.43	9.68	3.48	4934.91
	09/24/02	4944.59	13.16	4931.43	9.61	3.55	4934.98
	07/03/02	4944.59	13.16	4931.43	9.53	3.63	4935.06
	04/01/02	4944.59	13.16	4931.43	9.73	3.43	4934.86
	01/04/02	4944.59	13.16	4931.43	9.63	3.53	4934.96
	10/02/01	4944.59	13.16	4931.43	9.35	3.81	4935.24
	05/29/01	4944.59	13.16	4931.43	9.32	3.84	4935.27
	02/06/01	4944.59	13.16	4931.43	9.41	3.75	4935.18
07/27/00	4944.59	13.16	4931.43	9.32	3.84	4935.27	
04/26/00	4944.59	13.16	4931.43	9.40	3.76	4935.19	
01/26/00	4944.59	13.16	4931.43	9.82	3.34	4934.77	
01/06/00	4944.59	13.16	4931.43	9.82	3.34	4934.77	
03/07/96	4944.59	13.16	4931.43	9.74	3.42	4934.85	



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WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-9	09/23/19	4943.98	19.27	4924.71	8.43	10.84	4935.55
	03/26/19	4943.98	19.27	4924.71	8.48	10.79	4935.50
	03/06/18	4943.98	19.43	4924.55	8.40	11.03	4935.58
	01/12/18	4943.98	19.43	4924.55	8.53	10.90	4935.45
	05/19/15	4943.98	19.43	4924.55	8.61	10.82	4935.37
	12/02/14	4943.98	19.43	4924.55	8.83	10.60	4935.15
	04/09/14	4943.98	19.43	4924.55	8.94	10.49	4935.04
	01/30/14	4943.98	19.43	4924.55	8.98	10.45	4935.00
	04/02/13	4943.98	19.43	4924.55	8.71	10.72	4935.27
	08/13/11	4943.98	19.43	4924.55	8.63	10.80	4935.35
	05/08/09	4943.98	19.43	4924.55	8.48	10.95	4935.50
	10/04/06	4943.98	19.43	4924.55	8.83	10.60	4935.15
	07/17/03	4943.98	19.43	4924.55	9.22	10.21	4934.76
	01/10/03	4943.98	19.43	4924.55	9.15	10.28	4934.83
	09/24/02	4943.98	19.43	4924.55	9.10	10.33	4934.88
	07/03/02	4943.98	19.43	4924.55	9.00	10.43	4934.98
	01/26/00	4943.98	19.43	4924.55	9.31	10.12	4934.67
01/06/00	4943.98	19.43	4924.55	9.30	10.13	4934.68	
03/07/96	4943.98	19.43	4924.55	9.26	10.17	4934.72	



TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
VP-2	09/23/19	4943.73	12.82	<i>Screened Interval Not Available</i>		4.22	4935.13
	03/26/19	4943.73	12.82	4930.91	8.12	4.70	4935.61
	03/06/18	4943.73	12.79	4930.94	8.12	4.67	4935.61
	01/12/18	4943.73	12.80	4930.93	8.15	4.65	4935.58
	05/19/15	4943.73	12.80	4930.93	8.24	4.56	4935.49
	12/02/14	4943.73	12.80	4930.93	8.46	4.34	4935.27
	04/09/14	4943.73	12.50	4931.23	8.57	3.93	4935.16
	01/30/14	4943.73	12.50	4931.23	8.61	3.89	4935.12
	04/02/13	4943.73	12.50	4931.23	8.33	4.17	4935.40
	08/13/11	4943.73	12.50	4931.23	7.23	5.27	4936.50
	05/08/09	4943.73	12.50	4931.23	8.07	4.43	4935.66
	10/04/06	4943.73	12.72	4931.01	8.43	4.29	4935.30
	07/17/03	4943.73	12.57	4931.16	8.81	3.76	4934.92
	01/10/03	4943.73	12.57	4931.16	8.83	3.74	4934.90
	09/24/02	4943.73	12.57	4931.16	8.73	3.84	4935.00
	07/03/02	4943.73	12.57	4931.16	8.63	3.94	4935.10
	04/01/02	4943.73	12.57	4931.16	8.94	3.63	4934.79
	01/03/02	4943.73	12.57	4931.16	8.71	3.86	4935.02
	10/01/01	4943.73	12.65	4931.08	8.40	4.25	4935.33
	05/29/01	4943.73	12.57	4931.16	8.44	4.13	4935.29
02/06/01	4943.73	12.57	4931.16	8.55	4.02	4935.18	
07/27/00	4943.73	12.57	4931.16	8.44	4.13	4935.29	
04/26/00	4943.73	12.57	4931.16	8.53	4.04	4935.20	
01/26/00	4943.73	12.57	4931.16	8.93	3.64	4934.80	
03/24/94	4943.73	12.57	4931.16	8.96	3.61	4934.77	



TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
VP-5	09/23/19	4943.52	12.45	<i>Screened Interval Not Available</i>		4.68	4935.75
	03/26/19	4943.52	12.45	4931.07	7.84	4.61	4935.68
	03/06/18	4943.52	12.42	4931.10	7.77	4.65	4935.75
	01/12/18	4943.52	12.42	4931.10	7.90	4.52	4935.62
	05/19/15	4943.52	12.42	4931.10	7.94	4.48	4935.58
	12/02/14	4943.52	12.42	4931.10	8.19	4.23	4935.33
	04/09/14	4943.52	11.90	4931.62	8.25	3.65	4935.27
	01/30/14	4943.52	11.90	4931.62	8.30	3.60	4935.22
	04/02/13	4943.52	11.90	4931.62	8.06	3.84	4935.46
	08/13/11	4943.52	11.90	4931.62	7.97	3.93	4935.55
	05/08/09	4943.52	11.90	4931.62	7.78	4.12	4935.74
	10/04/06	4943.52	12.12	4931.40	8.10	4.02	4935.42
	07/17/03	4943.52	12.17	4931.35	8.55	3.62	4934.97
	01/10/03	4943.52	12.17	4931.35	8.53	3.64	4934.99
	09/24/02	4943.52	12.17	4931.35	8.44	3.73	4935.08
	07/03/02	4943.52	12.17	4931.35	8.27	3.90	4935.25
	04/01/02	4943.52	12.17	4931.35	8.56	3.61	4934.96
	01/03/02	4943.52	12.17	4931.35	8.55	3.62	4934.97
	10/02/01	4943.52	12.05	4931.47	8.10	3.95	4935.42
	05/29/01	4943.52	12.17	4931.35	8.01	4.16	4935.51
07/27/00	4943.52	12.17	4931.35	8.18	3.99	4935.34	
04/26/00	4943.52	12.17	4931.35	8.17	4.00	4935.35	
01/26/00	4943.52	12.17	4931.35	8.61	3.56	4934.91	
03/07/96	4943.52	12.17	4931.35	8.55	3.62	4934.97	



Barelas Bridge Site
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WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-1	01/06/00	4942.99	8.24	4934.75	Dry	Dry	Dry
MW-2	05/30/03 01/06/00	Plugged and Abandoned 4942.47	5.94	4936.53	Dry	Dry	Dry
MW-3	05/30/03 01/26/00 01/06/00 03/07/96	Appeared plugged and abandoned before May 2003 4942.03 4942.03 4942.03	20.47 20.47 20.47	4921.56 4921.56 4921.56	8.65 8.59 8.51	11.82 11.88 11.96	4933.38 4933.44 4933.52
MW-5	05/30/03 01/26/00 01/06/00 03/07/96	Plugged and Abandoned 4942.18 4942.18 4942.18	21.48 21.48 21.48	4920.70 4920.70 4920.70	8.23 8.14 8.07	13.25 13.34 13.41	4933.95 4934.04 4934.11
MW-6	05/30/03 01/26/00 01/06/00 03/07/96	Plugged and Abandoned 4944.59 4944.59 4944.59	13.16 13.16 13.16	4931.43 4931.43 4931.43	8.36 9.37 9.22	4.80 3.79 3.94	4936.23 4935.22 4935.37



TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
VP-1	05/30/03	Plugged and Abandoned					
	04/01/02	4943.75	13.95	4929.79	8.65	5.30	4935.10
	01/03/02	4943.75	13.95	4929.79	8.50	5.45	4935.25
	10/01/01	4943.75	13.96	4929.79	8.10	5.86	4935.65
	05/29/01	4943.75	13.96	4929.79	8.17	5.79	4935.58
	02/06/01	4943.75	13.96	4929.79	8.29	5.67	4935.46
	07/27/00	4943.75	13.96	4929.79	8.28	5.68	4935.47
	04/26/00	4943.75	13.96	4929.79	8.28	NA	4935.47
	01/26/00	4943.75	13.96	4929.79	NM	NA	NA
	01/06/00	4943.75	13.96	4929.79	8.64	5.32	4935.11
	01/10/96	4943.75	13.96	4929.79	8.57	5.39	4935.18
VP-3	05/30/03	Plugged and Abandoned					
	01/26/00	4943.73	13.16	4930.57	8.85	4.31	4934.88
	01/06/00	4943.73	13.16	4930.57	8.84	4.32	4934.89
	02/09/95	4943.73	13.16	4930.57	8.93	4.23	4934.80
VP-4	05/30/03	Plugged and Abandoned					
	01/26/00	4943.72	12.73	4930.99	8.54	4.19	4935.18
	01/06/00	4943.72	12.73	4930.99	8.53	4.20	4935.19
	03/07/96	4943.72	12.73	4930.99	8.46	4.27	4935.26



TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
VP-6	05/30/03	Plugged and Abandoned					
	01/10/03	4943.53	12.55	4930.98	9.10	3.45	4934.43
	09/24/02	4943.53	12.55	4930.98	9.06	3.49	4934.47
	07/03/02	4943.53	12.55	4930.98	8.99	3.56	4934.54
	04/01/02	4943.53	12.55	4930.98	9.20	3.35	4934.33
	01/03/02	4943.53	12.55	4930.98	9.05	3.50	4934.48
	10/02/01	4943.53	12.33	4931.20	8.75	3.58	4934.78
	05/29/01	4943.53	12.60	4930.93	8.73	3.87	4934.80
	02/06/01	4943.53	12.60	4930.93	8.81	3.79	4934.72
	07/27/00	4943.53	12.60	4930.93	8.81	3.79	4934.72
	04/26/00	4943.53	12.60	4930.93	8.80	3.80	4934.73
	01/26/00	4943.53	12.60	4930.93	9.23	3.37	4934.30
	01/06/00	4943.53	12.60	4930.93	9.23	3.37	4934.30
	03/07/96	4943.53	12.60	4930.93	9.20	3.40	4934.33
VP-7	05/30/03	Plugged and Abandoned					
	01/26/00	4943.52	12.82	4930.70	9.52	3.30	4934.00
	01/06/00	4943.52	12.82	4930.70	9.52	3.30	4934.00
	03/07/96	4943.52	12.82	4930.70	9.45	3.37	4934.07
PR-2	05/30/03	Plugged and Abandoned					
	01/06/00	4944.09	9.18	4934.91	Dry	Dry	Dry
PR-3	05/30/03	Plugged and Abandoned					
	01/06/00	4944.22	8.73	4935.49	Dry	Dry	Dry



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TABLE 2
Ground Water Field Data

Monitor Well ID	Depth DTW DTB	Time 09/23/19	Temp. (°C)	RDO Dissolved Oxygen (mg/L)	pH	Eh ORP (mV)	Specific Conductivity (ÅµS/cm)*	Volume Removed (gallons)	COMMENTS
MW-4	<u>DTW</u>	9/23/2019 9:12	21.5	11.32	8.00	542	388	0	clear, slight odor
	7.59	9/23/2019 9:17	20.3	3.59	8.20	408	388	2.00	Slightly turbid grey, slight odor
	<u>ID</u>	9/23/2019 9:24	20.5	3.97	8.28	421	392	4.00	Slightly turbid grey, slight odor
	21.50	9/23/2019 9:30	19.9	4.06	8.37	439	398	6.00	Slightly turbid grey, slight odor
MW-7	<u>DTW</u>	9/23/2019 9:59	20.0	3.25	8.32	450	397	0	clear, slight HC odor
	7.70	9/23/2019 10:05	18.9	3.73	8.89	384	403	2.25	clear, HC odor
	<u>ID</u>	9/23/2019 10:10	19.2	2.25	8.51	287	406	4.50	slightly turbid brown, HC odor
	21.56	9/23/2019 10:16	19.1	3.80	8.59	360	395	6.75	slightly turbid brown, HC odor
MW-8	<u>DTW</u>	9/23/2019 12:43	21.2	4.14	8.59	64	450	0	clear, strong HC odor
	8.91	9/23/2019 12:45	20.5	1.72	8.43	-21	471	1.00	turbid grey, strong HC odor
	<u>ID</u>	9/23/2019 12:48	20.5	1.28	8.38	-64	480	2.00	turbid grey, strong HC odor
	13.27	9/23/2019 12:51	20.5	3.93	8.58	-15	490	3.00	turbid grey, strong HC odor
MW-9	<u>DTW</u>	9/23/2019 11:23	20.0	18.26	8.39	190	373	0	clear, slight HC odor
	8.43	9/23/2019 11:28	20.2	4.59	8.50	149	410	2.00	slightly turbid, black chunks, slight odor
	<u>ID</u>	9/23/2019 11:33	19.8	4.27	8.59	178	420	4.00	slightly turbid, black chunks, HC odor
	19.27	9/23/2019 11:37	19.7	3.62	8.63	169	416	6.00	slightly turbid, black chunks, HC odor
VP-2	<u>DTW</u>	9/23/2019 10:38	22.5	2.68	8.44	399	374	0	clear
	8.60	9/23/2019 10:41	21.6	3.20	8.49	307	378	0.75	turbid grey, slight HC odor
	<u>ID</u>	9/23/2019 10:44	21.4	3.32	8.55	254	389	1.50	turbid grey, slight HC odor
	12.82	9/23/2019 10:47	21.6	3.28	8.58	215	401	2.25	turbid grey, slight HC odor
VP-5	<u>DTW</u>	9/23/2019 13:22	23.9	1.86	8.13	32	817	0	Clear, very strong HC odor
	7.77	9/23/2019 13:25	23.3	2.36	8.23	3	704	0.75	turbid black, very strong HC odor
	<u>ID</u>	9/23/2019 13:27	23.0	3.06	8.41	15	605	1.50	turbid black, very strong HC odor
	12.45	9/23/2019 13:30	22.9	3.26	8.47	17	591	2.25	turbid black, slight odor

ORP = Oxidation Reduction Potential (Eh)

* = temperature compensated specific conductivity



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WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-4	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	8.1	< 4.0	< 4.0	8.1
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	2.1	< 4.0	< 4.0	2.1
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/30/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	04/02/13	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	08/13/11	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	05/08/09	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/01/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	<15.0
	05/29/01	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<6.0
02/06/01	2.5	<1.0	<1.0	1.5	4.0	<1.0	<1.0	<1.0	-	-	-	3.9	
07/27/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0	
04/26/00	2.9	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<1.0	-	-	-	<2.0	
01/30/00	5.4	<1.0	<1.0	2.6	8.0	<1.0	<1.0	<1.0	-	-	-	<2.0	
06/06/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-	
03/07/95	40	1.0	54	<2.0	95	-	-	-	-	-	-	-	
11/29/90	49	1.0	8.4	14	72.4	-	-	-	-	-	-	-	
10/30/90	590	35.3	518	1,871	3,015	-	-	-	-	-	-	-	



Barelas Bridge Site
 800 Bridge Blvd, SW
 Albuquerque, New Mexico 87105
 PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-7	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	08/13/11	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	05/08/09	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	3.1	<1.0	<1.0	1.7	4.8	<1.0	<1.0	<1.0	-	-	-	22.8
	07/03/02	2.6	<1.0	<1.0	3.0	5.6	<1.0	<1.0	<1.0	-	-	-	28.8
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
10/02/01	<1.0	<1.0	<1.0	3.3	3.3	<1.0	<1.0	<1.0	-	-	-	<15	
03/07/96	1.9	<1.0	<1.0	<2.0	1.9	-	-	-	-	-	-	-	
12/05/95	6.0	1.2	2.2	<2.0	9.4	-	-	-	-	-	-	-	
09/20/95	78	2.1	9.9	8.7	98.7	-	-	-	-	-	-	-	
10/30/90	9.8	3.0	20.8	4.9	38.5	-	-	-	-	-	-	-	



Barelas Bridge Site
 800 Bridge Blvd, SW
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WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-8	09/23/19	<1.0	<1.0	8.8	2.5	11.3	<1.0	<1.0	<1.0	25	15	19	59
	03/26/19	<1.0	<1.0	9.7	2.4	12.1	<1.0	<1.0	<1.0	< 2.0	13	6.2	19.2
	03/06/18	<1.0	<1.0	6.4	1.8	8.2	<1.0	<1.0	<1.0	19	12	14	45
	01/12/18	<1.0	<1.0	7.9	2.4	10.3	<1.0	<1.0	<1.0	25	13	18	56
	05/19/15	<1.0	<1.0	22	4.4	26.4	<1.0	<0.010	<1.0	37	17	28	82
	12/02/14	<5.0	<5.0	17	<7.5	17	<5.0	<0.010	<5.0	33	< 20	29	62
	04/09/14	<1.0	1.2	32	7.3	40.5	<1.0	<1.0	<1.0	53	33	38	124
	01/30/14	1.3	1.4	33	8.2	43.9	<1.0	-	-	-	-	-	134
	04/02/13	<5.0	<5.0	31	10	41	<5.0	-	-	-	-	-	149
	08/13/11	<10	<10	32	<15	32	<10	-	-	-	-	-	72
	05/08/09	<1.0	<1.0	24	8.0	32	<1.0	-	-	-	-	-	92
	10/04/06	<2.0	<2.0	34	18	52	<3.0	-	-	-	-	-	210
	07/17/03	<5.0	<5.0	66	38	104	<5.0	<0.010	<5.0	-	-	-	310
	01/10/03	<2.0	<2.0	57	38	95	<2.0	<2.0	<2.0	-	-	-	284
	09/24/02	<5.0	<5.0	58	29	87	<5.0	<5.0	<5.0	-	-	-	238
	07/03/02	<5.0	<5.0	86	40	126	<5.0	<5.0	<5.0	-	-	-	202
	04/01/02	<5.0	<5.0	100	43	143	<5.0	<5.0	<5.0	-	-	-	273
	01/04/02	3.0	3.2	35	50	91.2	<2.0	<2.0	<2.0	-	-	-	313
	10/02/01	<10	<10	90	51	141	<10	<10	<10	-	-	-	120
	05/29/01	4.2	2.6	110	57	173.8	<2.0	<2.0	<2.0	-	-	-	261
	02/06/01	<10	<10	130	43	173	<10	<10	<10	-	-	-	140
	07/27/00	6.0	5.2	150	61	222.2	<1.0	<1.0	<1.0	-	-	-	140
	04/26/00	3.2	2.2	<1.0	35	40.4	<1.0	<1.0	<1.0	-	-	-	136
	01/30/00	<10	<10	150	5.7	155.7	<10	<10	<10	-	-	-	98
	03/07/96	71	24	400	150	645	-	-	-	-	-	-	-
	12/05/95	8.6	8.3	49	18	83.9	-	-	-	-	-	-	-
	09/20/95	11	19	190	74	294	-	-	-	-	-	-	-
	10/30/90	220	120	960	1,140	2,440	-	-	-	-	-	-	-



Barelas Bridge Site
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WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-9	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/26/19	4.7	<1.0	9.0	32	45.7	<1.0	<1.0	<1.0	11	7.0	7.9	25.9
	03/06/18	<1.0	<1.0	2.1	3.8	5.9	<1.0	<1.0	<1.0	11	7.0	7.9	25.9
	01/12/18	4.0	1.4	11	11	27.4	<1.0	<1.0	<1.0	44	10	14	68
	05/19/15	21	3.0	18	18	60	<1.0	<0.010	<1.0	2.7	< 4.0	< 4.0	2.7
	12/02/14	6.4	<1.0	14	5.5	25.9	<1.0	<0.010	<1.0	2.3	< 4.0	< 4.0	2.3
	04/09/14	100	49	72	110	331	<1.0	<1.0	<1.0	15	9.9	7.5	32.4
	01/30/14	190	59	200	340	789	<2.0	-	-	-	-	-	67
	04/02/13	320	34	<10	150	504	<10	-	-	-	-	-	<40
	08/13/11	750	150	270	880	2,050	12	-	-	-	-	-	93
	05/08/09	12	7.1	45	68	132	<1.0	-	-	-	-	-	77
	10/04/06	62	44	11	42	159	<1.5	-	-	-	-	-	6.9
	07/17/03	98	9.9	2.4	10	120.3	7.1	<0.010	<1.0	-	-	-	<10.0
	01/10/03	2.2	<1.0	<1.0	<1.0	2.2	2.2	<1.0	<1.0	-	-	-	<10.0
	09/24/02	9.2	<1.0	25	20	54.2	1.7	<1.0	<1.0	-	-	-	13
	07/03/02	5.1	1.9	16	18	41.0	<1.0	<1.0	<1.0	-	-	-	28.8
	01/03/02	9.4	6.9	59	51	126.3	<1.0	<1.0	<1.0	-	-	-	2.7
03/07/96	<0.5	<1.0	<1.0	3.7	3.7	-	-	-	-	-	-	-	
12/05/95	<0.5	<1.0	<1.0	14	14	-	-	-	-	-	-	-	
09/20/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-	



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TABLE 3
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Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES				
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L	
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30	
VP-2	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	3.0	< 4.0	< 4.0	3.0	
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	8.7	< 4.0	< 4.0	8.7	
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0	
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0	
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0	
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	3.6	< 4.0	< 4.0	3.6	
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0	
	01/30/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	2.2	
	04/02/13	<2.0	<2.0	<2.0	<3.0	<3.0	<2.0	-	-	-	-	-	-	34.7
	08/13/11	<1.0	<1.0	2.1	2.4	4.5	<1.0	-	-	-	-	-	-	78
	05/08/09	<1.0	<1.0	1.3	1.6	2.9	<1.0	-	-	-	-	-	-	37.3
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<10.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	3.4
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<10.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<10.0
	10/01/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	-	<15
	05/29/01	<1.0	<1.0	1.2	4.9	6.1	<1.0	<1.0	<1.0	-	-	-	-	36.7
02/06/01	<1.0	<1.0	<1.0	2.0	2.0	<1.0	<1.0	<1.0	-	-	-	-	13	
07/27/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	11	
04/26/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<2.0	
01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	-	<2.0	
03/24/94	32	20	94	150	296	-	-	-	-	-	-	-	-	



Barelas Bridge Site
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WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
VP-5	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	2.1	56	78	136.1
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	3.5	70	93	166.5
	03/06/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	4.1	58	84	146.1
	01/12/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	< 4.0	40	55	95
	05/19/15	<5.0	<5.0	<5.0	<7.5	<7.5	<5.0	<0.010	<5.0	17	66	120	203
	12/02/14	<5.0	<10	<10	<15	<15	<10	<0.010	<5.0	<20	99	180	279
	04/09/14	<1.0	1.2	4.5	<1.5	5.7	<1.0	<1.0	<1.0	21	66	130	217
	01/30/14	<1.0	1.0	3.0	<1.5	4.0	<1.0	-	-	-	-	-	187
	04/02/13	<2.0	<2.0	7.7	<3.0	7.7	<2.0	-	-	-	-	-	270
	08/13/11	1.4	1.8	12	2.4	17.6	<1.0	-	-	-	-	-	469
	05/08/09	<5.0	<5.0	7.1	<7.5	7.1	<5.0	-	-	-	-	-	386
	10/04/06	<10	<10	21	<30	21	<15	-	-	-	-	-	430
	07/17/03	<5.0	<5.0	110	54	164	<5.0	<0.010	<5.0	-	-	-	930
	01/10/03	<5.0	<5.0	61	27	88	<5.0	<5.0	<5.0	-	-	-	510
	09/24/02	<5.0	<5.0	34	18	52	<5.0	<5.0	<5.0	-	-	-	510
	07/03/02	<5.0	<5.0	32	19	51	<5.0	<5.0	<5.0	-	-	-	350
	04/01/02	<1.0	<1.0	100	44	144	<1.0	<1.0	<1.0	-	-	-	640
	01/03/02	<5.0	<5.0	50	31	81	<5.0	<5.0	<5.0	-	-	-	340
	10/02/01	<5.0	<5.0	44	35	79	<5.0	<5.0	<5.0	-	-	-	320
	05/29/01	<1.0	1.2	21	17	39.2	<1.0	<1.0	<1.0	-	-	-	330
07/27/00	<1.0	1.8	20	12	33.8	<1.0	<1.0	<1.0	-	-	-	89	
04/26/00	<1.0	1.4	14	7.1	22.5	<1.0	<1.0	<1.0	-	-	-	142	
01/30/00	<5.0	<5.0	20	10	30	<5.0	<5.0	<5.0	-	-	-	80	
03/07/96	9.5	<1.0	99	81	189.5	-	-	-	-	-	-	-	
12/05/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-	



Barelas Bridge Site
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TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-1	06/06/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
	03/07/95	<0.5	<1.0	<1.0	<1.0	<4.5	-	-	-	-	-	-	-
MW-2	09/20/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
	09/08/94	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
MW-3	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	12/01/94	<0.5	<1.0	<1.0	<2.0	<4.0	-	-	-	-	-	-	-
	06/02/94	11	<1.0	1.3	<2.0	12.3	-	-	-	-	-	-	-
MW-5	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	12/05/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
	09/20/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
MW-6	01/30/00	<1.0	8.3	18	54	80.3	<1.0	<1.0	<1.0	-	-	-	<2.0
	03/07/96	1.7	1.4	2.0	4.2	9.3	-	-	-	-	-	-	-
	12/05/95	1.2	4.2	2.8	12.0	20.2	-	-	-	-	-	-	-
	12/01/94	29	26	36	130	221	-	-	-	-	-	-	-



Barelas Bridge Site
 800 Bridge Blvd, SW
 Albuquerque, New Mexico 87105
 PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
VP-1	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/01/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	<15.0
	05/29/01	1.9	<1.0	<1.0	2.0	3.9	<1.0	<1.0	<1.0	-	-	-	<6.0
	02/06/01	1.8	<1.0	<1.0	1.6	3.4	<1.0	<1.0	<1.0	-	-	-	<2.0
	07/27/00	3.5	<1.0	<1.0	1.4	4.9	<1.0	<1.0	<1.0	-	-	-	<2.0
	04/26/00	3.4	<1.0	<1.0	2.4	5.8	<1.0	<1.0	<1.0	-	-	-	<2.0
	01/30/00	1.3	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	-	-	-	<2.0
	03/07/96	<0.5	1.4	<1.0	<2.0	1.4	-	-	-	-	-	-	-
	12/05/95	<0.5	1.2	1.0	<2.0	2.2	-	-	-	-	-	-	-
	09/20/95	<0.5	<1.0	4.3	<2.0	4.3	-	-	-	-	-	-	-
VP-3	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	06/16/93	110	7.3	180	74	371.3	-	-	-	-	-	-	-
VP-4	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	03/07/96	1.7	<1.0	<1.0	<1.0	1.7	-	-	-	-	-	-	-
	09/20/95	<0.5	<1.0	4.3	<2.0	4.3	-	-	-	-	-	-	-



TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth ^a µg/L	1-Methyl ^b µg/L	2-Methyl ^c µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
VP-6	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/02/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	<15.0
	05/29/01	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<6.0
	02/06/01	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	07/27/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	04/26/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	03/07/95	0.8	<1.0	<1.0	2.1	2.9	-	-	-	-	-	-	-
	09/07/94	0.8	1.3	<1.0	<2.0	2.1	-	-	-	-	-	-	-
VP-7	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	12/05/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
	06/06/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-

**Total BTEX = total benzene, toluene, ethylbenzene, and xylenes

MTBE = Methyl-tert-butyl ether

EDB = 1,2-Dibromoethane. EDB values <1.0 indicates that EDB analyzed by EPA Method 504.1.

EDC = 1,2-Dichloroethane

Naphth^a = naphthalene 1-Methyl^b = 1-methylnaphthalene 2-Methyl^c = 2-methylnaphthalene

NMWQCC = New Mexico Water Quality Control Commission

µg/L = micrograms per Liter

BOLD RED Indicates Laboratory Analytical Result ≥ NMWQCC Regulatory Limit

N/A = Not Analyzed or Not Available

RED (Not bold) Indicates PQLs ≥ NMWQCC Regulatory Limit

"-" indicates Not Analyzed or Not Available



TABLE 4

Current Ground Water Sample Analytical Test Results
 Volatile Organic Analysis by EPA Method 8260B

Monitor Well ID =	MW-4	MW-7	MW-8	MW-9	VP-2	VP-5
Date =	09/23/19	09/23/19	09/23/19	09/23/19	09/23/19	09/23/19
Units =	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Benzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	8.8	< 1.0	< 1.0	< 1.0
Methyl tert-butyl ether (MTBE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane (EDC)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane (EDB)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	< 2.0	< 2.0	25	< 2.0	3.0	2.1
1-Methylnaphthalene	< 4.0	< 4.0	15	< 4.0	< 4.0	56
2-Methylnaphthalene	< 4.0	< 4.0	19	< 4.0	< 4.0	78
Total Naphthalenes =	< 10.0	< 10.0	59	< 10.0	3.0	136.1
Acetone	< 10	< 10	< 10	< 10	< 10	< 10
Bromobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
2-Butanone	< 10	< 10	< 10	< 10	< 10	< 10
Carbon disulfide	< 10	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chloroform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
2-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-DCE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10
Isopropylbenzene	< 1.0	2.0	11	< 1.0	1.7	13
4-Isopropyltoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3
4-Methyl-2-pentanone	< 10	< 10	< 10	< 10	< 10	< 10
Methylene Chloride	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
n-Butylbenzene	< 3.0	< 3.0	3.4	< 3.0	< 3.0	10
n-Propylbenzene	< 1.0	1.9	18	< 1.0	3.1	49
sec-Butylbenzene	< 1.0	< 1.0	2.6	< 1.0	< 1.0	4.2
Styrene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Tetrachloroethene (PCE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-DCE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene (TCE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Vinyl chloride	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes, Total	< 1.5	< 1.5	2.5	< 1.5	< 1.5	< 1.5



TABLE 5
Summary of Dissolved Metals
Analytical Test Results by EPA Method 6010C

Monitor Well	Date	Lead mg/L	Iron mg/L	Manganese mg/L
NMWQCC Regulatory Limits		0.015^a	1.0^b	0.2^b
EPA National Primary & Secondary Drinking Water Standards		(Action Level) 0.015 ^c	Secondary Drinking Water Standards 0.3 ^d	0.05 ^d
MW-4	05/19/15	<0.0050	0.71	0.74
	12/02/14	<0.0050	0.60	0.78
	05/29/01	<0.0050	0.17	1.97
	02/06/01	<0.0050	1.19	1.76
MW-7	05/19/15	<0.0050	0.29	0.61
	12/02/14	<0.0050	0.33	0.69
MW-8	05/19/15	<0.0050	0.07	0.28
	12/02/14	<0.0050	0.08	0.34
	05/29/01	<0.0050	1.12	0.39
	02/06/01	<0.0050	0.68	0.38
MW-9	05/19/15	<0.0050	0.22	0.70
	12/02/14	<0.0050	0.31	0.81
VP-1	05/29/01	<0.0050	1.72	1.67
	02/06/01	<0.0050	2.07	1.07
VP-2	05/19/15	<0.0050	0.07	0.46
	12/02/14	<0.0050	0.11	0.59
	05/29/01	<0.0050	0.83	1.21
	02/06/01	<0.0050	0.70	0.92
VP-5	05/19/15	0.006	1.20	0.12
	12/02/14	<0.0050	1.00	0.12
	05/29/01	<0.0050	3.42	0.53
VP-6	05/29/01	<0.005	0.67	0.62
	02/06/01	<0.005	0.52	0.45

a = NMWQCC Regulations: NMAC 20.6.2.3103.A. Human Health Standards

b = NMWQCC Regulations: NMAC 20.6.2.3103.B. Other Standards for Domestic Water Supply

c = 2009 National Primary Drinking Water Standards

d = 2009 National Secondary Drinking Water Standards

BOLD = above NMWQCC Regulatory limits



APPENDIX C

Hall Environmental Analysis Laboratory Test Results





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

October 01, 2019

David Wagner

Western Technologies
8305 Washington Place NE
Albuquerque, NM 87113-1670
TEL: (505) 823-4488
FAX: (505) 821-2963

RE: Barelas Bridge

OrderNo.: 1909C75

Dear David Wagner:

Hall Environmental Analysis Laboratory received 7 sample(s) on 9/23/2019 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 #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-4

Project: Barelas Bridge

Collection Date: 9/23/2019 9:35:00 AM

Lab ID: 1909C75-001

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Naphthalene	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
2-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 4:52:43 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 4:52:43 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 4:52:43 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-4

Project: Barelas Bridge

Collection Date: 9/23/2019 9:35:00 AM

Lab ID: 1909C75-001

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 4:52:43 PM	R63246
Isopropylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 4:52:43 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
n-Butylbenzene	ND	3.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
n-Propylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
sec-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 4:52:43 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 4:52:43 PM	R63246
Surr: 1,2-Dichloroethane-d4	89.0	70-130		%Rec	1	9/26/2019 4:52:43 PM	R63246
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	9/26/2019 4:52:43 PM	R63246
Surr: Dibromofluoromethane	94.4	70-130		%Rec	1	9/26/2019 4:52:43 PM	R63246
Surr: Toluene-d8	97.6	70-130		%Rec	1	9/26/2019 4:52:43 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-7

Project: Barelas Bridge

Collection Date: 9/23/2019 10:20:00 AM

Lab ID: 1909C75-002

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Naphthalene	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
2-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 5:21:20 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 5:21:20 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 5:21:20 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-7

Project: Barelas Bridge

Collection Date: 9/23/2019 10:20:00 AM

Lab ID: 1909C75-002

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 5:21:20 PM	R63246
Isopropylbenzene	2.0	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 5:21:20 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
n-Butylbenzene	ND	3.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
n-Propylbenzene	1.9	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
sec-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 5:21:20 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 5:21:20 PM	R63246
Surr: 1,2-Dichloroethane-d4	93.0	70-130		%Rec	1	9/26/2019 5:21:20 PM	R63246
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	9/26/2019 5:21:20 PM	R63246
Surr: Dibromofluoromethane	98.0	70-130		%Rec	1	9/26/2019 5:21:20 PM	R63246
Surr: Toluene-d8	104	70-130		%Rec	1	9/26/2019 5:21:20 PM	R63246

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-8

Project: Barelas Bridge

Collection Date: 9/23/2019 1:00:00 PM

Lab ID: 1909C75-003

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Ethylbenzene	8.8	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Naphthalene	25	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1-Methylnaphthalene	15	4.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
2-Methylnaphthalene	19	4.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 5:50:08 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 5:50:08 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 5:50:08 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-8

Project: Barelas Bridge

Collection Date: 9/23/2019 1:00:00 PM

Lab ID: 1909C75-003

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 5:50:08 PM	R63246
Isopropylbenzene	11	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 5:50:08 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
n-Butylbenzene	3.4	3.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
n-Propylbenzene	18	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
sec-Butylbenzene	2.6	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 5:50:08 PM	R63246
Xylenes, Total	2.5	1.5		µg/L	1	9/26/2019 5:50:08 PM	R63246
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	9/26/2019 5:50:08 PM	R63246
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	9/26/2019 5:50:08 PM	R63246
Surr: Dibromofluoromethane	106	70-130		%Rec	1	9/26/2019 5:50:08 PM	R63246
Surr: Toluene-d8	101	70-130		%Rec	1	9/26/2019 5:50:08 PM	R63246

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-9

Project: Barelas Bridge

Collection Date: 9/23/2019 11:45:00 AM

Lab ID: 1909C75-004

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Naphthalene	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
2-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 6:18:47 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 6:18:47 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 6:18:47 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: MW-9

Project: Barelas Bridge

Collection Date: 9/23/2019 11:45:00 AM

Lab ID: 1909C75-004

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 6:18:47 PM	R63246
Isopropylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 6:18:47 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
n-Butylbenzene	ND	3.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
n-Propylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
sec-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 6:18:47 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 6:18:47 PM	R63246
Surr: 1,2-Dichloroethane-d4	88.2	70-130		%Rec	1	9/26/2019 6:18:47 PM	R63246
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	9/26/2019 6:18:47 PM	R63246
Surr: Dibromofluoromethane	95.4	70-130		%Rec	1	9/26/2019 6:18:47 PM	R63246
Surr: Toluene-d8	102	70-130		%Rec	1	9/26/2019 6:18:47 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: VP-2

Project: Barelas Bridge

Collection Date: 9/23/2019 10:55:00 AM

Lab ID: 1909C75-005

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Naphthalene	3.0	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
2-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 6:47:26 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 6:47:26 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 6:47:26 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: VP-2

Project: Barelas Bridge

Collection Date: 9/23/2019 10:55:00 AM

Lab ID: 1909C75-005

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 6:47:26 PM	R63246
Isopropylbenzene	1.7	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 6:47:26 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
n-Butylbenzene	ND	3.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
n-Propylbenzene	3.1	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
sec-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 6:47:26 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 6:47:26 PM	R63246
Surr: 1,2-Dichloroethane-d4	93.6	70-130		%Rec	1	9/26/2019 6:47:26 PM	R63246
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	9/26/2019 6:47:26 PM	R63246
Surr: Dibromofluoromethane	97.7	70-130		%Rec	1	9/26/2019 6:47:26 PM	R63246
Surr: Toluene-d8	100	70-130		%Rec	1	9/26/2019 6:47:26 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: VP-5

Project: Barelas Bridge

Collection Date: 9/23/2019 1:35:00 PM

Lab ID: 1909C75-006

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Naphthalene	2.1	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1-Methylnaphthalene	56	4.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
2-Methylnaphthalene	78	4.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 7:16:01 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 7:16:01 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 7:16:01 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: VP-5

Project: Barelas Bridge

Collection Date: 9/23/2019 1:35:00 PM

Lab ID: 1909C75-006

Matrix: AQUEOUS

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 7:16:01 PM	R63246
Isopropylbenzene	13	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
4-Isopropyltoluene	1.3	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 7:16:01 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
n-Butylbenzene	9.7	3.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
n-Propylbenzene	49	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
sec-Butylbenzene	4.2	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 7:16:01 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 7:16:01 PM	R63246
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	9/26/2019 7:16:01 PM	R63246
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	9/26/2019 7:16:01 PM	R63246
Surr: Dibromofluoromethane	111	70-130		%Rec	1	9/26/2019 7:16:01 PM	R63246
Surr: Toluene-d8	104	70-130		%Rec	1	9/26/2019 7:16:01 PM	R63246

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: TRIP BLANK

Project: Barelas Bridge

Collection Date:

Lab ID: 1909C75-007

Matrix: TRIP BLANK

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
Benzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Toluene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Ethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Naphthalene	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
2-Methylnaphthalene	ND	4.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Acetone	ND	10		µg/L	1	9/26/2019 7:44:36 PM	R63246
Bromobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Bromodichloromethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Bromoform	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Bromomethane	ND	3.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
2-Butanone	ND	10		µg/L	1	9/26/2019 7:44:36 PM	R63246
Carbon disulfide	ND	10		µg/L	1	9/26/2019 7:44:36 PM	R63246
Carbon Tetrachloride	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Chlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Chloroethane	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Chloroform	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Chloromethane	ND	3.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
2-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
4-Chlorotoluene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
cis-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Dibromochloromethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Dibromomethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1-Dichloroethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1-Dichloroethene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,3-Dichloropropane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
2,2-Dichloropropane	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246

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 Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1909C75

Date Reported: 10/1/2019

CLIENT: Western Technologies

Client Sample ID: TRIP BLANK

Project: Barelas Bridge

Collection Date:

Lab ID: 1909C75-007

Matrix: TRIP BLANK

Received Date: 9/23/2019 2:22:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: JMR
1,1-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Hexachlorobutadiene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
2-Hexanone	ND	10		µg/L	1	9/26/2019 7:44:36 PM	R63246
Isopropylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
4-Isopropyltoluene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
4-Methyl-2-pentanone	ND	10		µg/L	1	9/26/2019 7:44:36 PM	R63246
Methylene Chloride	ND	3.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
n-Butylbenzene	ND	3.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
n-Propylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
sec-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Styrene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
tert-Butylbenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
trans-1,2-DCE	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Trichlorofluoromethane	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Vinyl chloride	ND	1.0		µg/L	1	9/26/2019 7:44:36 PM	R63246
Xylenes, Total	ND	1.5		µg/L	1	9/26/2019 7:44:36 PM	R63246
Surr: 1,2-Dichloroethane-d4	95.1	70-130		%Rec	1	9/26/2019 7:44:36 PM	R63246
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	9/26/2019 7:44:36 PM	R63246
Surr: Dibromofluoromethane	100	70-130		%Rec	1	9/26/2019 7:44:36 PM	R63246
Surr: Toluene-d8	99.4	70-130		%Rec	1	9/26/2019 7:44:36 PM	R63246

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of range due to dilution or matrix

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909C75

01-Oct-19

Client: Western Technologies

Project: Barelas Bridge

Sample ID: 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: VOLATILES								
Client ID: LCSW	Batch ID: R63246	RunNo: 63246								
Prep Date:	Analysis Date: 9/26/2019	SeqNo: 2158361	Units: µg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	105	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	93.7	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	95.3	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.2	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.2	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.0	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63246	RunNo: 63246								
Prep Date:	Analysis Date: 9/26/2019	SeqNo: 2158387	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 Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909C75

01-Oct-19

Client: Western Technologies

Project: Barelas Bridge

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63246	RunNo: 63246								
Prep Date:	Analysis Date: 9/26/2019	SeqNo: 2158387	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.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909C75

01-Oct-19

Client: Western Technologies

Project: Barelas Bridge

Sample ID: rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES								
Client ID: PBW	Batch ID: R63246	RunNo: 63246								
Prep Date:	Analysis Date: 9/26/2019	SeqNo: 2158387 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	9.5		10.00		94.9	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Sample Log-In Check List

Client Name: **WTI** Work Order Number: **1909C75** RcptNo: **1**

Received By: **Daniel Marquez** 9/23/2019 2:22:00 PM *DM*
 Completed By: **Desiree Dominguez** 9/23/2019 3:36:48 PM *DD*
 Reviewed By: *LB* 9/24/19

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
 11. Does paperwork match bottle labels? 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: *DAD 9/24/19*

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.5	Good	Not Present			

APPENDIX D

Charts



Chart 1: Napthalene Concentrations (linear)

MW-8, MW-9, VP-2, VP-5: January 2000 to September 2019

Napthalene NMWQCC Regulatory Limit = **30** $\mu\text{g/L}$

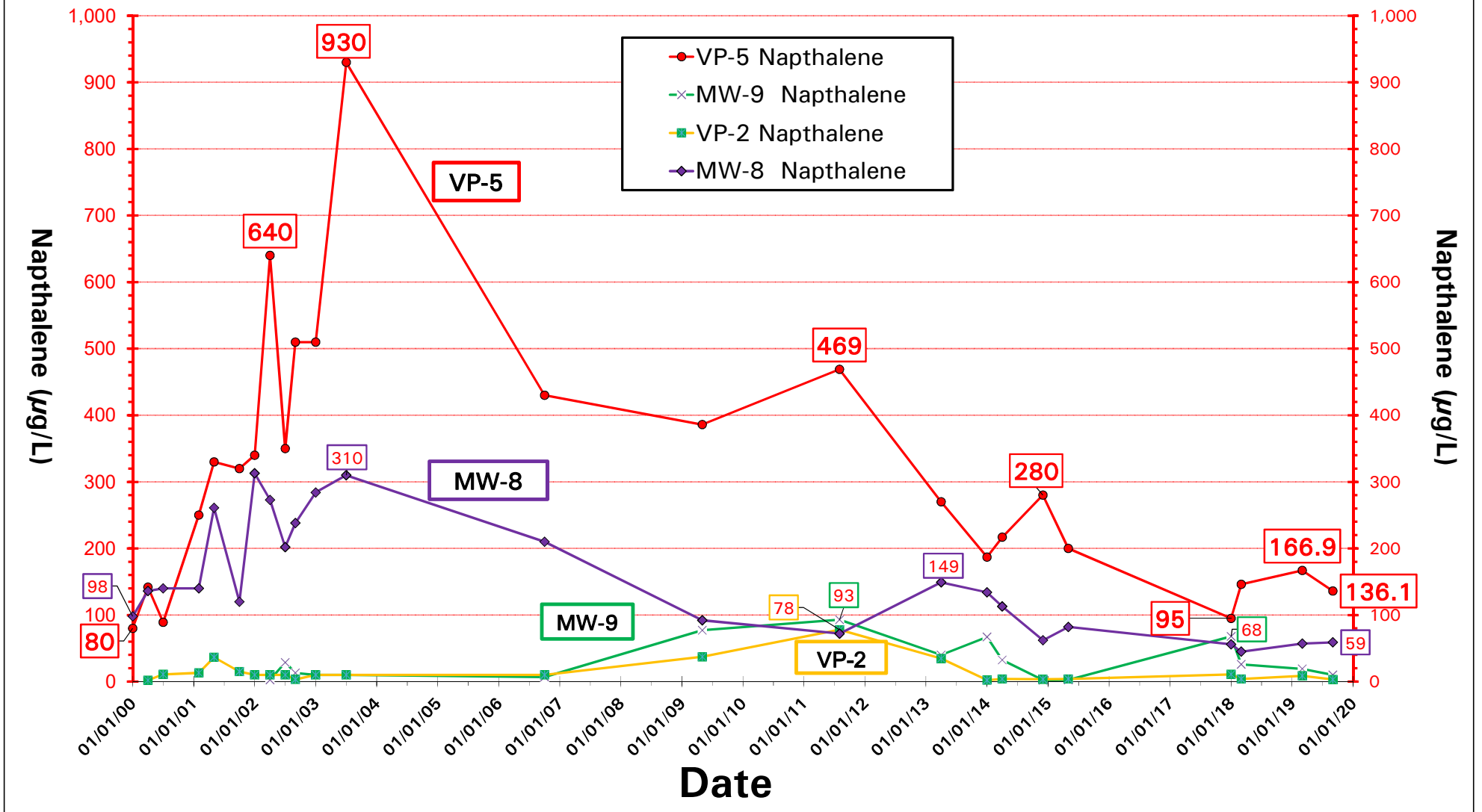


Chart 2: Napthalene Concentrations (logarithmic)

MW-8, MW-9, VP-2, VP-5: January 2000 to September 2019

Napthalene NMWQCC Regulatory Limit = **30** $\mu\text{g/L}$

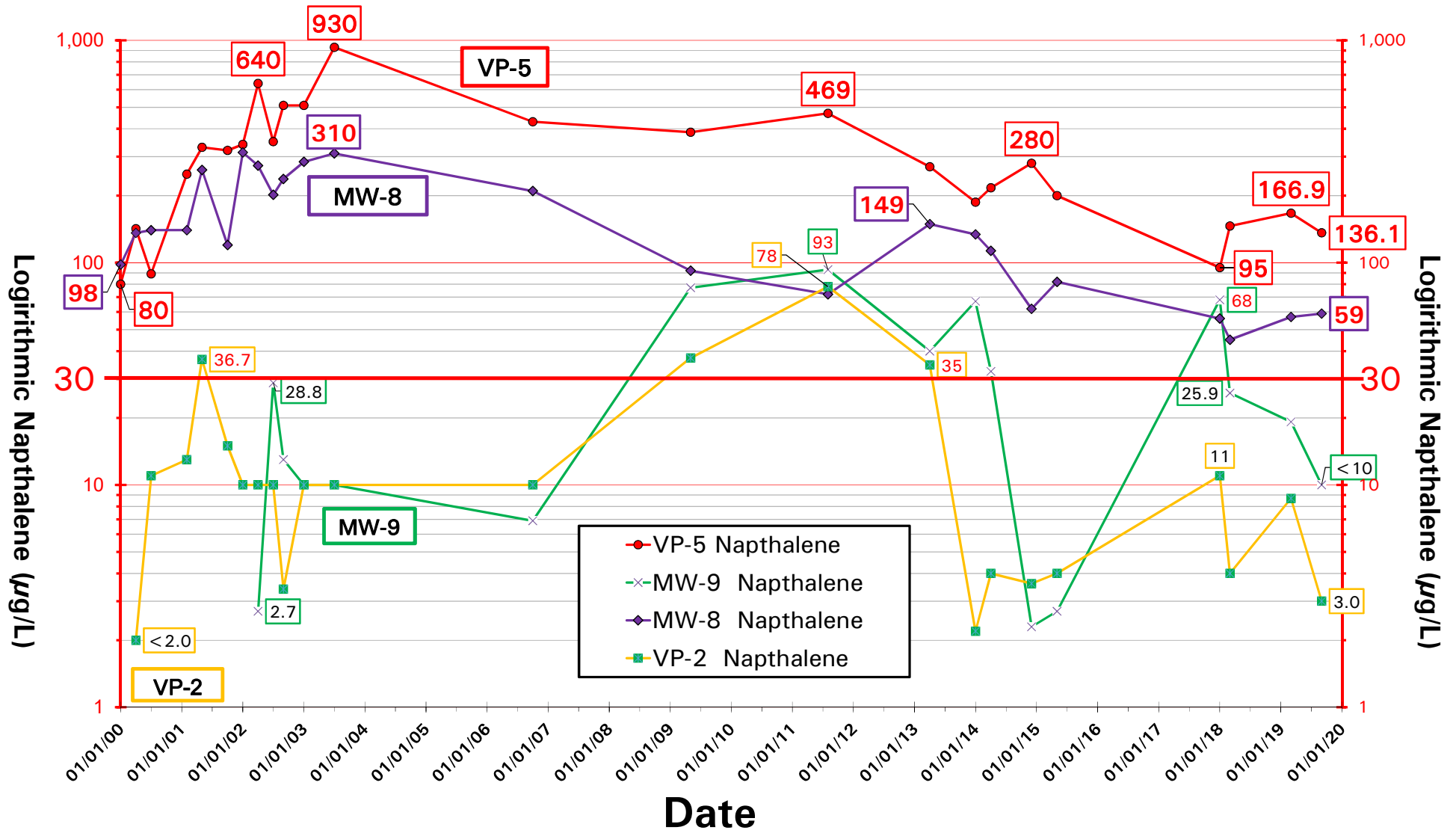
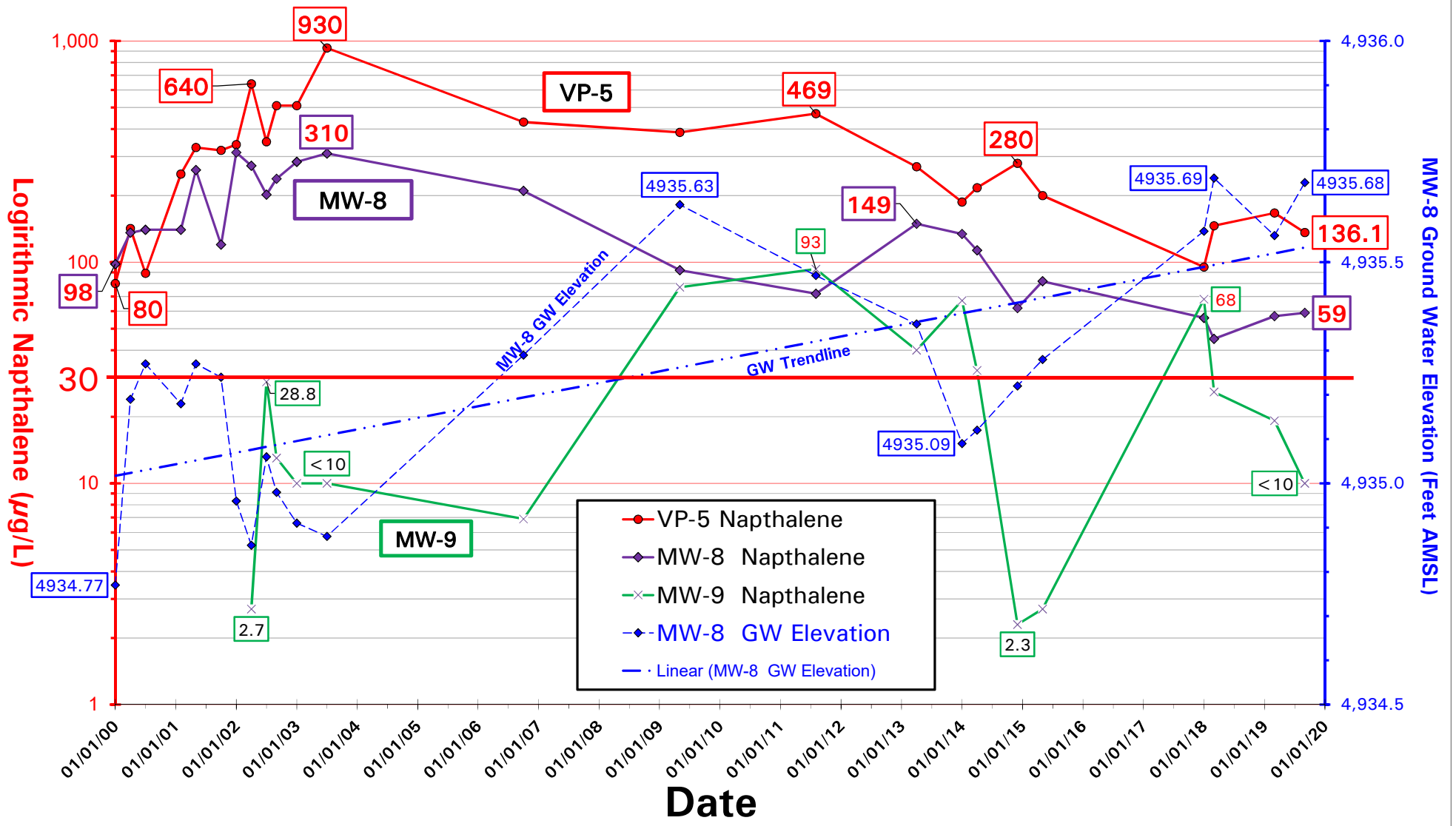


Chart 3: Napthalene Concentrations (logarithmic) MW-8, MW-9, and VP-5 versus MW-8 Ground Water Elevations: January 2000 to September 2019

Napthalene NMWQCC Regulatory Limit = **30** $\mu\text{g/L}$



APPENDIX E

Field Notes



Barelas Bridge: 3288JV023:

Sampling Instructions:

WPID 4023-2

2nd Semi-Annual

Site Name: Barelas Bridge

Project #: 3288JV023

Sampling Date(s): 9/23-26/19

Date Report Due: 10/23/19

• Important

- Site is an active gas station.
 - Wear Safety Vest and use traffic cones.
 - Park truck defensively to shield yourself
-
- Double check depth to bottom in MW-4 Only – All other DTBs are good
 - (Optional) Obtain Access Agreement with 147 La Vega Dr. SW occupant to P&A MW-1. In March 2019, the property at 147 La Vega Drive was locked and gated. WT could not contact the current property owner.

NEED PHOTOS/MACROMETER

Tests to be done in field:

RECORD ALL Readings and measurements

- Time, Temperature, Specific Conductivity, pH, Eh (ORP)
- Depth to Water
- Depth to Bottom (1st event at all new sites & as needed)
- Take Peristaltic Pump because bailers may not penetrate root balls

Lab Analysis:

EPA Method 8260 (Three (3) 40-ml VOA's)

Mercuric chloride HgCl₂ (toxic, corrosive, Health Hazard = 4)

Six (6) Wells to be Sampled; approximately in this order:

Clean – Any order MW-4, MW-7 (offsite to south at 121 La Vega Drive west side)

Moderately contaminated – VP-2 then MW-9;

CONTAMINATED – MW-8 and then VP-5 LAST (Well vault will be filled/water)

Be sure to fill in all data fields on field form, times, purge water physical appearance, etc.

Special Site Access: 96-Hour notice to NMED, Site Owner, & Private residence

222-9565 Corey Jarrett corey.jarrett@state.nm.us - NMED PSTB Project Manager

972-383-0001 Mark Owens mowens@ee-g.com (Site Owner)

Special Equipment to bring:

Normal Sampling gear: Peristaltic Pump, Bailers, string, sampling gloves,alconox, DI water, buckets, water level indicator, tools, cooler (put samples on ice first thing).

HOSPITAL:

Presbyterian Hospital: 1100 Central Ave. (just east of I-25) 505-841-1234

Bail 3 Well Volumes: 2" Well = 0.5 gal/ft 4" Well = 1.5 gal/ft

Well ID WELL	DATE	CASING RIM	DTB	BOTTOM OF CASING	DTW	WATER COLUMN	0.002 Gradient
Change in average GW Elevation between the 2 previous Monitoring Events =							-0.100
Screened interval: 3.5'-18.5' (Reported)							
MW-4	9/28/19	4943.23	20.70	4921.73	7.59	13.11	4935.50
ND	03/26/19 <10 ND	4943.23	21.50		7.73	13.77	
Screened interval: 7.0'-22.0'							
MW-7	9/28/19	4942.94	21.56	4921.49	7.70	13.86	4935.31
ND	03/06/18 <10 ND	4942.94	21.45		7.63	13.82	
Screened interval: 8.0'-13.0' (Reported)							
MW-8	9/28/19	4944.59	13.27	4931.43	8.91	4.36	4935.69
12.1	03/06/18	4944.59	13.16		8.90	4.26	
Screened interval: 5.0'-20.0' (Reported)							
MW-9	9/23/19	4943.98	19.27	4924.55	8.43	10.84	4935.58
45.7	03/06/18	4943.98	19.43		8.40	11.03	
Screened interval Not Available							
VP-2	9/23/19	4943.73	12.82	4930.94	8.60	4.22	4935.61
17.6	03/06/18	4943.73	12.79		8.12	4.67	
Screened interval Not Available							
VP-5	9/23/19	4943.52	12.45	4931.10	7.77	4.68	4935.75
ND	03/06/18 (1CC9)	4943.52	12.42		7.77	4.65	

APPENDIX F

Physical Setting Report (Electronic Only)





Property Information

Order Number:	20180719121p
Date Completed:	July 20, 2018
Project Number:	3288PO0717
Project Property:	3288JV023 - Barelvas Bridge 800 Bridge Boulevard Southwest Albuquerque NM 87105
Coordinates:	
Latitude:	35.06878714
Longitude:	-106.66433425
UTM Northing:	3881937.92242 Meters
UTM Easting:	348246.63884 Meters
UTM Zone:	UTM Zone 13S
Elevation:	4,944.68 ft
Slope Direction:	S

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	7
Soil Information.....	9
Wells and Additional Sources.....	14
Summary.....	15
Detail Report.....	17
Radon Information.....	62
Appendix.....	63
Liability Notice.....	65

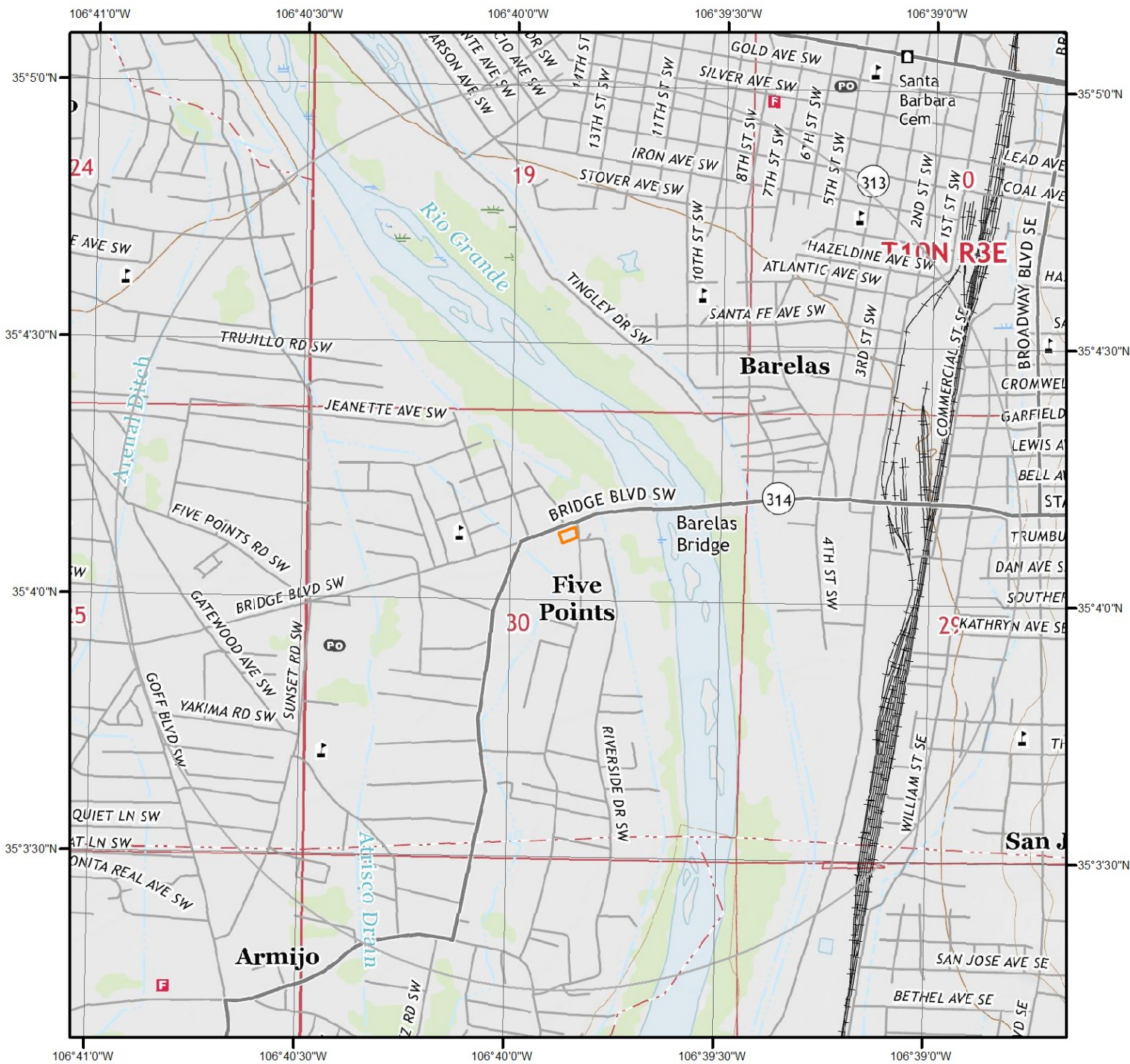
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo



Quadrangle(s): Albuquerque West, NM

Source: USGS 7.5 Minute Topographic Map

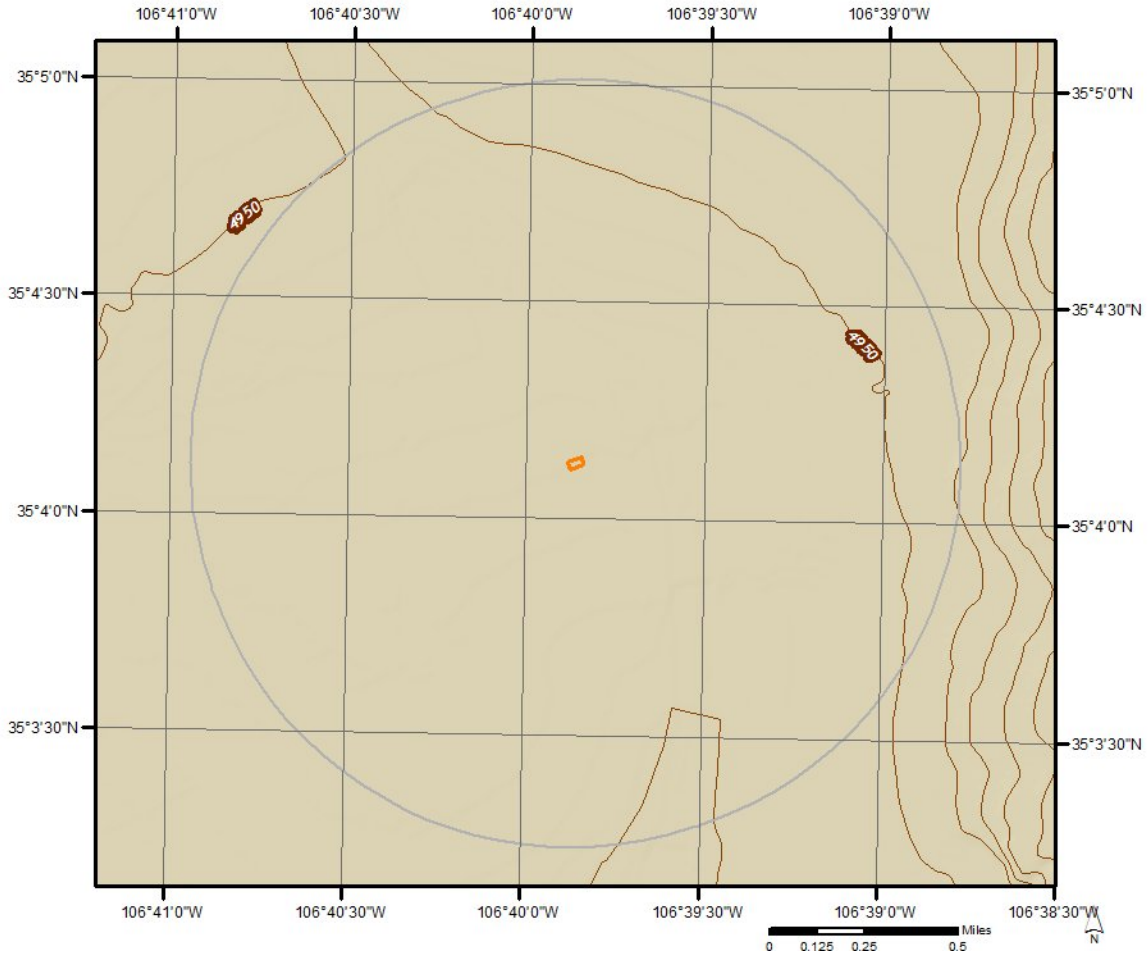


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 4,944.68 ft
Slope Direction: S

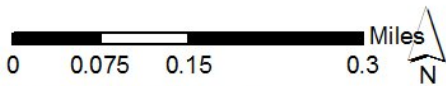


Hydrologic Information



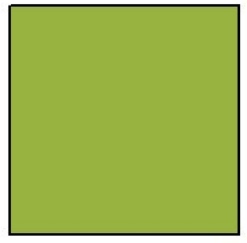
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Wetland

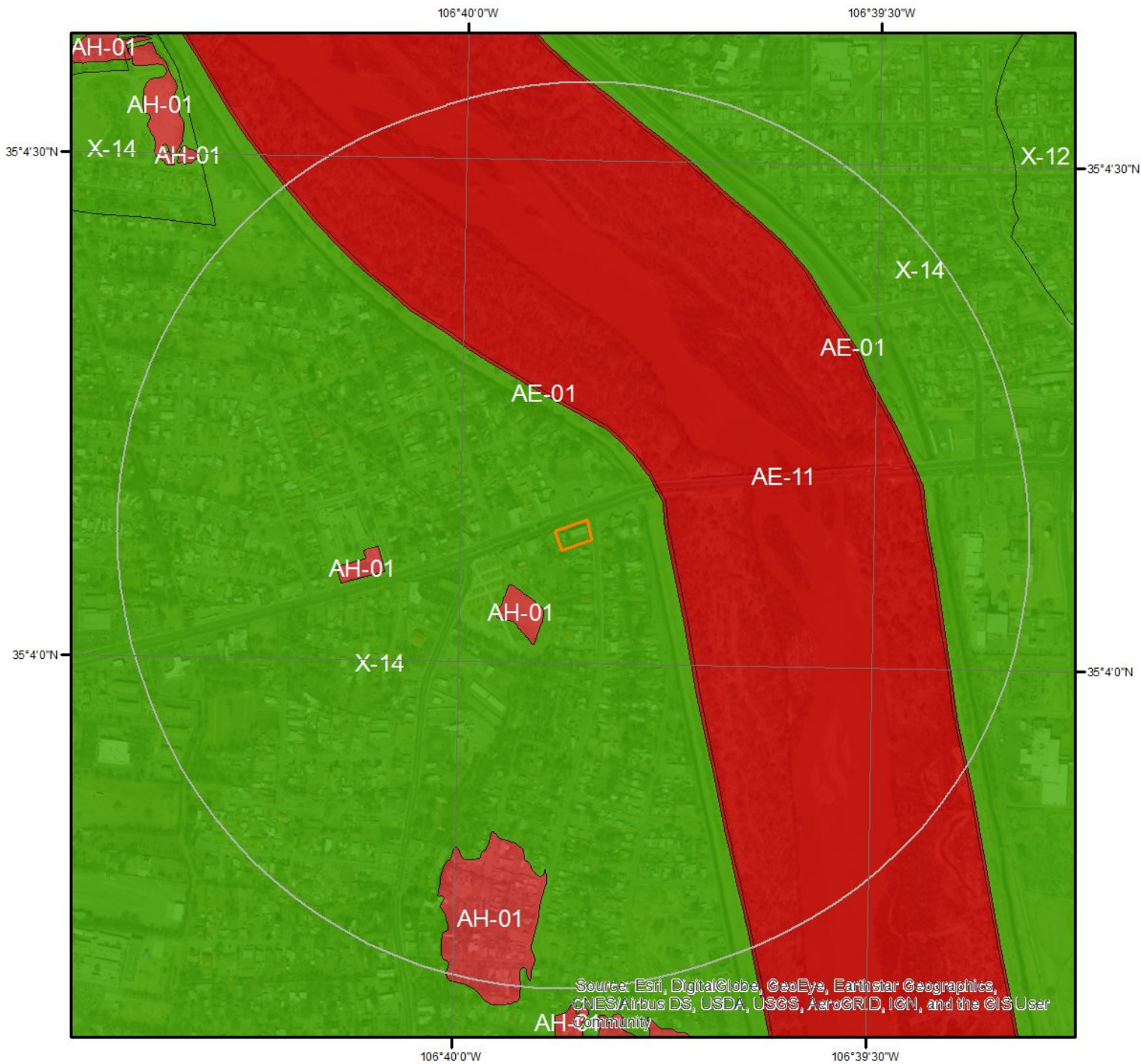


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

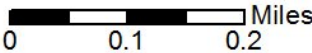
- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |















Hydrologic Information

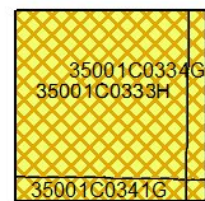


Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- | | | |
|---|--|---|
|  A |  AO |  X |
|  A99 |  V |  OPEN WATER |
|  AE |  VE |  NOT POPULATED |
|  AH |  D |  AREA NOT INCLUDED |



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

Available FIRM Panels in area: 35001C0334G(effective:2008-09-26) 35001C0341G(effective:2008-09-26)
35001C0333H(effective:2012-08-16)

Flood Zone AE-01

Zone: AE
Zone subtype:

Flood Zone AE-11

Zone: AE
Zone subtype: FLOODWAY

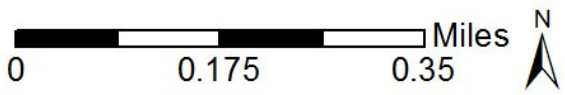
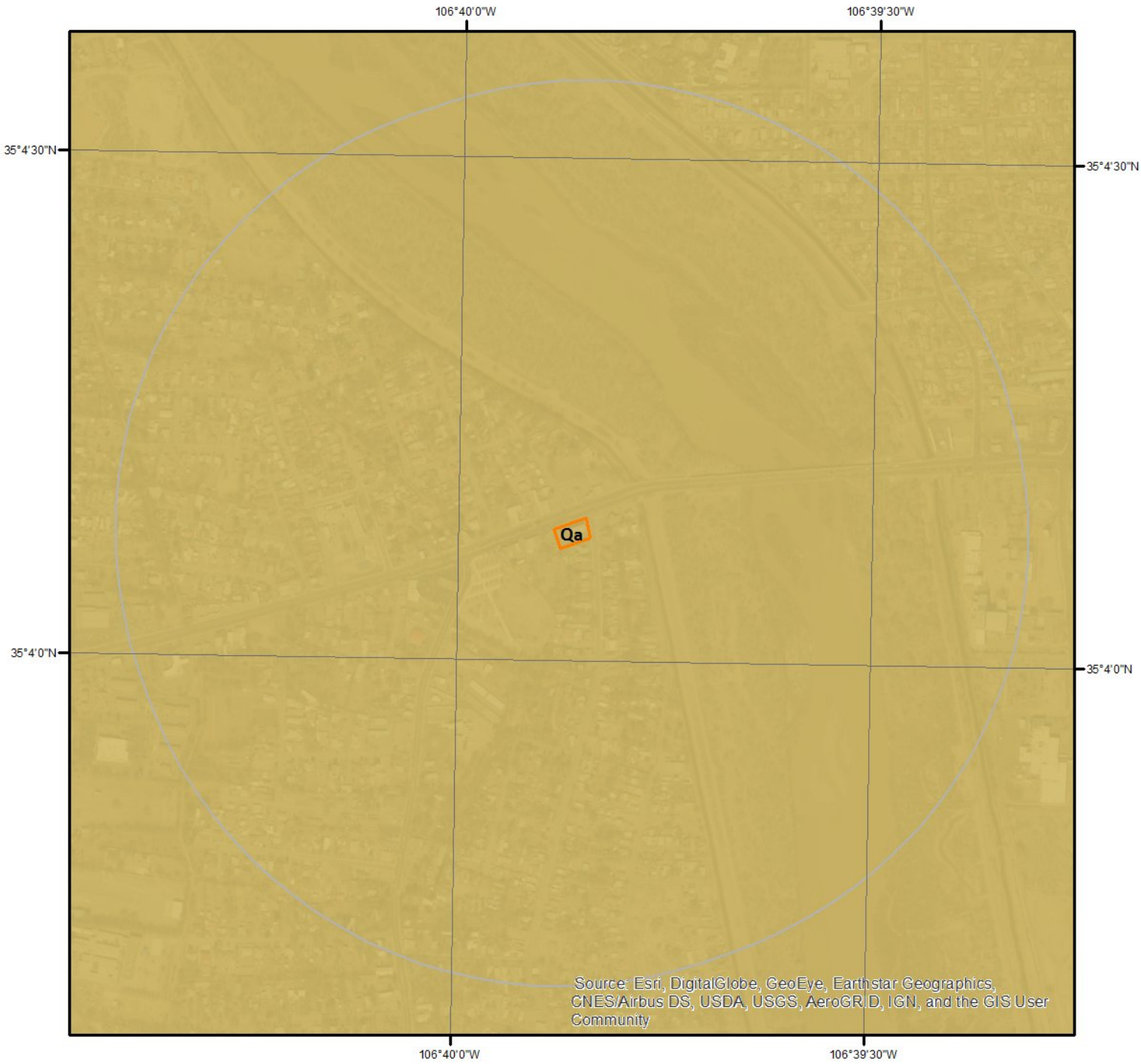
Flood Zone AH-01

Zone: AH
Zone subtype:

Flood Zone X-14

Zone: X
Zone subtype: AREA WITH REDUCED FLOOD RISK DUE TO LEVEE

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



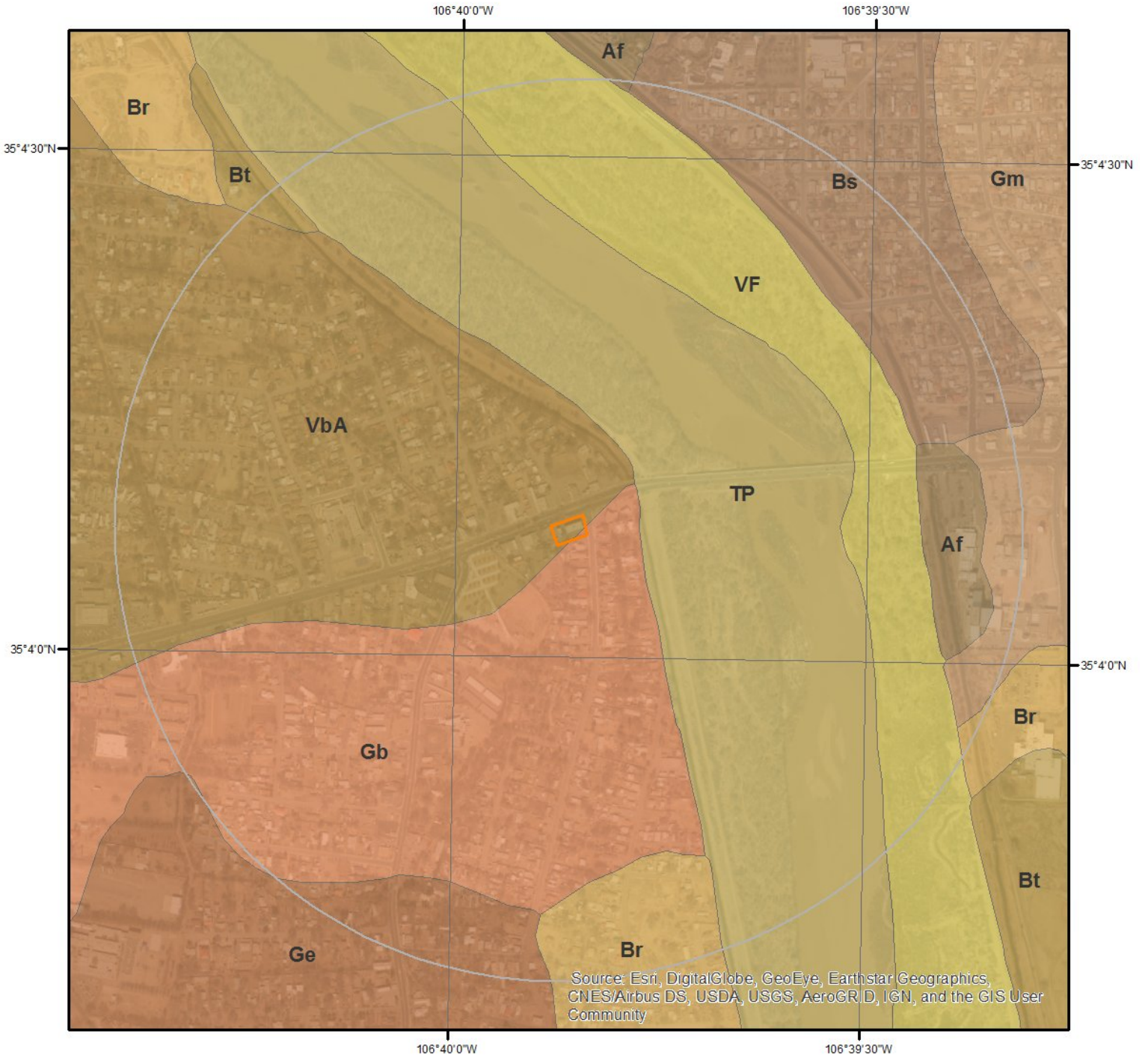
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

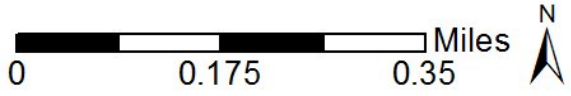
Geologic Unit Qa

Unit Name:	alluvium
Unit Age:	Quaternary
Primary Rock Type:	alluvium
Secondary Rock Type:	
Unit Description:	Alluvium; upper and middle Quaternary

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit Af

Map Unit Name:	Agua loam MLRA 42
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Agua(90%)	
horizon H1(0cm to 25cm)	Loam
horizon H2(25cm to 61cm)	Loam
horizon H3(61cm to 152cm)	Stratified very gravelly sand to very gravelly loamy sand

Map Unit Br

Map Unit Name:	Brazito fine sandy loam MLRA 42
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Brazito(90%)	
horizon H1(0cm to 13cm)	Fine sandy loam
horizon H2(13cm to 152cm)	Coarse sand

Map Unit Bs

Map Unit Name:	Brazito silty clay loam MLRA 42
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	153cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Brazito(85%)	
horizon H1(0cm to 30cm)	Silty clay loam
horizon H2(30cm to 152cm)	Fine sand

Map Unit Bt

Map Unit Name:	Brazito complex
Bedrock Depth - Min:	null

Soil Information

Watertable Depth - Annual Min:	92cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Brazito(50%)	
horizon H1(0cm to 25cm)	Silty clay loam
horizon H2(25cm to 152cm)	Fine sand
Brazito(30%)	
horizon H1(0cm to 25cm)	Sandy clay loam
horizon H2(25cm to 152cm)	Sand

Map Unit Gb

Map Unit Name:	Gila loam, 0 to 1 percent slopes mlra 42-1
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Gila(90%)	
horizon Ap(0cm to 25cm)	Loam
horizon C1(25cm to 46cm)	Gravelly fine sandy loam
horizon C2(46cm to 84cm)	Loam
horizon C3(84cm to 107cm)	Loamy fine sand
horizon C4(107cm to 137cm)	Fine sandy loam
horizon C5(137cm to 163cm)	Silt loam

Map Unit Ge

Map Unit Name:	Gila clay loam MLRA 42
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Gila(90%)	
horizon H1(0cm to 18cm)	Clay loam
horizon H2(18cm to 152cm)	Stratified gravelly sandy loam to silt loam

Map Unit Gm

Map Unit Name:	Glendale clay loam, 0 to 1 percent slopes MLRA 42.1
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water

Soil Information

movement through the soil is restricted or very restricted.

Major components are printed below

Glendale(85%)

horizon Ap(0cm to 15cm)	Clay loam
horizon C1(15cm to 33cm)	Silt loam
horizon C2(33cm to 40cm)	Fine sand
horizon C3(40cm to 96cm)	Silt loam
horizon C4(96cm to 116cm)	Clay
horizon C5(116cm to 152cm)	Clay loam

Map Unit TP

Map Unit Name:	Torrifluvents, frequently flooded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Torrifluvents(100%)

horizon A(0cm to 33cm)	Loam
horizon C1(33cm to 76cm)	Very fine sandy loam
horizon C2(76cm to 152cm)	Sand

Map Unit VbA

Map Unit Name:	Vinton sandy loam, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Vinton(90%)

horizon H1(0cm to 25cm)	Sandy loam
horizon H2(25cm to 152cm)	Loamy sand

Map Unit VF

Map Unit Name:	Vinton and Brazito soils, occasionally flooded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	69cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Vinton(35%)

horizon H1(0cm to 25cm)	Fine sandy loam
horizon H2(25cm to 99cm)	Loamy sand

Soil Information

horizon H3(99cm to 152cm)	Sand
Brazito(30%)	
horizon H1(0cm to 23cm)	Loamy sand
horizon H2(23cm to 152cm)	Fine sand
Torrifluvents(20%)	
horizon A(0cm to 33cm)	Loam
horizon C1(33cm to 76cm)	Very fine sandy loam
horizon C2(76cm to 152cm)	Sand

Wells and Additional Sources



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Wells & Additional Sources

- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
24	NM3595301	2,952.85	W
29	NM3594701	3,721.69	WNW
30	NM3597901	3,757.69	SSW
31	NM3597301	3,963.96	SSW
32	NM3596501	3,978.48	SSW

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
24	NM3595301	2,952.85	W
29	NM3594701	3,721.69	WNW
30	NM3597901	3,757.69	SSW
31	NM3597301	3,963.96	SSW
32	NM3596501	3,978.48	SSW

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-350354106395202	983.34	S
1	USGS-350354106395203	983.34	S
1	USGS-350354106395201	983.34	S
2	USGS-350359106394501	995.75	SE
3	USGS-350359106394410	1,000.67	SE
4	USGS-350359106394402	1,006.95	SE
4	USGS-350359106394401	1,006.95	SE
5	USGS-350359106393902	1,178.00	SE
5	USGS-350359106393901	1,178.00	SE
5	USGS-350359106393903	1,178.00	SE
6	USGS-350353106394301	1,355.64	SSE
7	USGS-350354106394202	1,361.54	SSE
7	USGS-350354106394201	1,361.54	SSE
8	USGS-350400106393702	1,375.92	ESE
8	USGS-350400106393701	1,375.92	ESE
9	USGS-350356106393902	1,484.75	SE
9	USGS-350356106393901	1,484.75	SE
9	USGS-350356106393903	1,484.75	SE
10	USGS-350356106393601	1,631.81	SE
10	USGS-350356106393602	1,631.81	SE
11	USGS-350402106392810	1,806.54	ESE
12	USGS-350402106392902	1,851.07	ESE
12	USGS-350402106392901	1,851.07	ESE
13	USGS-350409106392510	1,914.64	E
14	USGS-350402106392601	2,001.69	ESE
14	USGS-350402106392603	2,001.69	ESE
14	USGS-350402106392602	2,001.69	ESE
15	USGS-350357106392901	2,062.41	ESE
15	USGS-350357106392902	2,062.41	ESE
16	USGS-350358106392601	2,248.77	ESE
16	USGS-350358106392603	2,248.77	ESE
16	USGS-350358106392602	2,248.77	ESE
17	USGS-350403106392302	2,256.62	ESE

Wells and Additional Sources Summary

17	USGS-350403106392301	2,256.62	ESE
18	USGS-350403106392410	2,274.66	ESE
19	USGS-350403106392201	2,288.71	ESE
20	USGS-350358106392301	2,486.51	ESE
20	USGS-350358106392302	2,486.51	ESE
21	USGS-350358106392201	2,517.33	ESE
22	USGS-350354106392201	2,555.64	ESE
23	USGS-350432106400500	2,671.06	NNW
25	USGS-350354106391201	3,292.96	ESE
26	USGS-350415106403001	3,333.39	WNW
27	USGS-350447106395201	3,432.38	N
28	USGS-350344106391201	3,681.52	SE
33	USGS-350355106390110	4,284.85	ESE
34	USGS-350343106390101	4,625.17	ESE
35	USGS-350329106391701	4,653.70	SE
36	USGS-350426106385601	4,716.27	ENE
37	USGS-350411106405501	5,180.51	W

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
No records found			

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	W	0.56	2,952.85	4,945.65	PWSV

Address Line 2: 916 SUNSET RD SW
State Code: NM
Zip Code: 87105
City Name: ALBUQUERQUE
Address Line 1:
PWS ID: NM3595301
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 01/02/1984
Phone Number: 505-247-7115

--Details--

Population Served Count: 26
City Served:
County Served:
State Served: NM
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	WNW	0.70	3,721.69	4,948.65	PWSV

Address Line 2: 541 SUNSET SW
State Code: NM
Zip Code:
City Name: ALBUQUERQUE
Address Line 1:
PWS ID: NM3594701
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 01/01/1983
Phone Number:

Wells and Additional Sources Detail Report

--Details--

Population Served Count: 250
 City Served:
 County Served:
 State Served: NM
 Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSW	0.71	3,757.69	4,943.65	PWSV

Address Line 2: 707 ISLETA SW
 State Code: NM
 Zip Code: 87105
 City Name: ALBUQUERQUE
 Address Line 1:
 PWS ID: NM3597901
 PWS Type Code: TNCWS
 PWS Type Description: Transient Non-Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: I
 PWS Activity Description: Inactive
 PWS Deactivation Date: 01/10/1979
 Phone Number: 505-877-9852

--Details--

Population Served Count: 30
 City Served:
 County Served:
 State Served: NM
 Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSW	0.75	3,963.96	4,943.65	PWSV

Address Line 2: 725 ISLETA SW
 State Code: NM
 Zip Code: 87105
 City Name: ALBUQUERQUE
 Address Line 1:
 PWS ID: NM3597301
 PWS Type Code: TNCWS
 PWS Type Description: Transient Non-Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: I

Wells and Additional Sources Detail Report

PWS Activity Description: Inactive
 PWS Deactivation Date: 01/02/1980
 Phone Number: 505-877-9970

--Details--

Population Served Count: 25
 City Served:
 County Served:
 State Served: NM
 Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SSW	0.75	3,978.48	4,943.65	PWSV

Address Line 2: 722 ISLETA SW
 State Code: NM
 Zip Code: 87105
 City Name: ALBUQUERQUE
 Address Line 1:
 PWS ID: NM3596501
 PWS Type Code: TNCWS
 PWS Type Description: Transient Non-Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: I
 PWS Activity Description: Inactive
 PWS Deactivation Date: 01/02/1980
 Phone Number: 505-873-2949

--Details--

Population Served Count: 25
 City Served:
 County Served:
 State Served: NM
 Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	W	0.56	2,952.85	4,945.65	SDWIS

PWS ID:	NM3595301	Pop Cat 11:	<=100
Facility ID:	1	Pop Cat 11 Cd:	1
Facility Name:	WELL	Pop Cat 2:	<10,000
EPA Region Code:	06	Pop Cat 2 Cd:	1
EPA Region:	Region 6	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1

Wells and Additional Sources Detail Report

Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	01-FEB-84	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-FEB-84	Pop Cat 5:	<=500
First Rptd Dt:	12-MAR-80	Pop Cat 5 Cd:	1
Last Rptd Date:	24-JUL-95	ORG Name:	-
Primacy Agency:	New Mexico	Admin Name:	JAK'S HAMBURGERS
Is Source Ind:	Yes	Phone No:	505-247-7115
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	NM	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	26
Is Grant Eligible:	No	Srv Cnctn Cnt:	1
Outstndng Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	NM
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-

Wells and Additional Sources Detail Report

Treatment Plant Zip Code: -
 Treatment Comments: -

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	WNW	0.70	3,721.69	4,948.65	SDWIS

PWS ID:	NM3594701	Pop Cat 11:	101-500
Facility ID:	1	Pop Cat 11 Cd:	2
Facility Name:	WELL	Pop Cat 2:	<10,000
EPA Region Code:	06	Pop Cat 2 Cd:	1
EPA Region:	Region 6	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	01-JAN-83	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-JAN-83	Pop Cat 5:	<=500
First Rptd Dt:	12-MAR-80	Pop Cat 5 Cd:	1
Last Rptd Date:	24-JUL-95	ORG Name:	-
Primacy Agency:	New Mexico	Admin Name:	BLAKE'S LOTABURGER #13
Is Source Ind:	Yes	Phone No:	-
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	NM	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	250
Is Grant Eligible:	No	Srv Cnctn Cnt:	1
Outstndng Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Slr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	NM
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1

Wells and Additional Sources Detail Report

Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	30
Is Grant Eligible:	No	Srv Cnctn Cnt:	1
Outstndng Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	NM
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qtr:	2016Q1		

--Details--

Treatment ID: -
 Treatment Process Code: -
 Treatment Process: -
 Treatment Objective Code: -
 Treatment Objective: -
 Treatment Plant City: -
 Treatment Plant State: -
 Treatment Plant Addr 1: -
 Treatment Plant Addr 2: -
 Treatment Plant Zip Code: -
 Treatment Comments: -

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSW	0.75	3,963.96	4,943.65	SDWIS

PWS ID:	NM3597301	Pop Cat 11:	<=100
Facility ID:	1	Pop Cat 11 Cd:	1
Facility Name:	WELL	Pop Cat 2:	<10,000
EPA Region Code:	06	Pop Cat 2 Cd:	1
EPA Region:	Region 6	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	01-FEB-80	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-FEB-80	Pop Cat 5:	<=500
First Rptd Dt:	12-MAR-80	Pop Cat 5 Cd:	1
Last Rptd Date:	24-JUL-95	ORG Name:	-
Primacy Agency:	New Mexico	Admin Name:	KATHY'S CARRYOUT
Is Source Ind:	Yes	Phone No:	505-877-9970
Facility Type Cd:	WL	Phone Ext No:	-

Wells and Additional Sources Detail Report

Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	NM	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	No	Srv Cnctn Cnt:	1
Outstndng Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Slr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	NM
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SSW	0.75	3,978.48	4,943.65	SDWIS

PWS ID:	NM3596501	Pop Cat 11:	<=100
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Wells and Additional Sources Detail Report

Facility ID:	1	Pop Cat 11 Cd:	1
Facility Name:	WELL	Pop Cat 2:	<10,000
EPA Region Code:	06	Pop Cat 2 Cd:	1
EPA Region:	Region 6	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	01-FEB-80	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-FEB-80	Pop Cat 5:	<=500
First Rptd Dt:	12-MAR-80	Pop Cat 5 Cd:	1
Last Rptd Date:	24-JUL-95	ORG Name:	-
Primacy Agency:	New Mexico	Admin Name:	EL COMEDOR DEL VALLE
Is Source Ind:	Yes	Phone No:	505-873-2949
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	NM	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	No	Srv Cnctn Cnt:	1
Outstndng Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Slr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	NM
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-

Wells and Additional Sources Detail Report

Treatment Objective: -
 Treatment Plant City: -
 Treatment Plant State: -
 Treatment Plant Addr 1: -
 Treatment Plant Addr 2: -
 Treatment Plant Zip Code: -
 Treatment Comments: -

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	S	0.19	983.34	4,944.19	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	32	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	32	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040823	Latitude:	35.0658444
Source Map Scale:	24000	Longitude:	-106.6642389
Monitoring Loc Name:	10N.03E.30.232B BWM		
Monitoring Loc Identifier:	USGS-350354106395202		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4940.77		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	S	0.19	983.34	4,944.19	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	48	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	48	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040823	Latitude:	35.0658444
Source Map Scale:	24000	Longitude:	-106.6642389
Monitoring Loc Name:	10N.03E.30.232C BWD		
Monitoring Loc Identifier:	USGS-350354106395203		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4940.77		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	S	0.19	983.34	4,944.19	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	17	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	17	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040823	Latitude:	35.0658444
Source Map Scale:	24000	Longitude:	-106.6642389
Monitoring Loc Name:	10N.03E.30.232A BWS		
Monitoring Loc Identifier:	USGS-350354106395201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4940.77
 Vertical Measure Unit: feet
 Vertical Accuracy: .01
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SE	0.19	995.75	4,943.99	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	20	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20090201	Latitude:	35.0663861
Source Map Scale:	24000	Longitude:	-106.6622333
Monitoring Loc Name:	10N.03E.30.232K bwdws-t1		
Monitoring Loc Identifier:	USGS-350359106394501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.21		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.19	1,000.67	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:	20060510	Latitude:	35.0663972
Source Map Scale:	24000	Longitude:	-106.6621806
Monitoring Loc Name:	10N.03E.30.232K BWDSW		
Monitoring Loc Identifier:	USGS-350359106394410		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	10		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4940.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1.0		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SE	0.19	1,006.95	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	34	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	34	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040811	Latitude:	35.0663972

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6621417
 Monitoring Loc Name: 10N.03E.30.232E BWDEM
 Monitoring Loc Identifier: USGS-350359106394402
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4940.23
 Vertical Measure Unit: feet
 Vertical Accuracy: .01
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SE	0.19	1,006.95	4,944.65	FED USGS

Organiz Identifier: USGS-NM Formation Type: Santa Fe Group
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 16 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 16 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: 20040811 Latitude: 35.0663972
 Source Map Scale: 24000 Longitude: -106.6621417
 Monitoring Loc Name: 10N.03E.30.232D BWDES
 Monitoring Loc Identifier: USGS-350359106394401
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.

Wells and Additional Sources Detail Report

Horiz Coord Refer System: NAD83
 Vertical Measure: 4940.23
 Vertical Measure Unit: feet
 Vertical Accuracy: .01
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from Digital Elevation Model
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SE	0.22	1,178.00	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	32	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	32	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040810	Latitude:	35.06655
Source Map Scale:	24000	Longitude:	-106.66105
Monitoring Loc Name:	10N.03E.30.232G BWBM		
Monitoring Loc Identifier:	USGS-350359106393902		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.03		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SE	0.22	1,178.00	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	17	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	17	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040810	Latitude:	35.06655
Source Map Scale:	24000	Longitude:	-106.66105
Monitoring Loc Name:	10N.03E.30.232F BWBS		
Monitoring Loc Identifier:	USGS-350359106393901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.03		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SE	0.22	1,178.00	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	52	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	52	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040810	Latitude:	35.06655
Source Map Scale:	24000	Longitude:	-106.66105
Monitoring Loc Name:	10N.03E.32.232H BWBD		
Monitoring Loc Identifier:	USGS-350359106393903		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.03
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SSE	0.26	1,355.64	4,943.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	20	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20090201	Latitude:	35.0653833
Source Map Scale:	24000	Longitude:	-106.6619556
Monitoring Loc Name:	10N.03E.30.421F bwdws-t2		
Monitoring Loc Identifier:	USGS-350353106394301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.14		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSE	0.26	1,361.54	4,943.65	FED USGS

Organiz Identifier: USGS-NM Formation Type: Santa Fe Group
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 31 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 31 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: 20050823 Latitude: 35.0654
 Source Map Scale: 24000 Longitude: -106.6618722
 Monitoring Loc Name: T10N.R03E.30.421B BWDEM-T2
 Monitoring Loc Identifier: USGS-350354106394202
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4939.60
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSE	0.26	1,361.54	4,943.65	FED USGS

Organiz Identifier: USGS-NM Formation Type: Santa Fe Group
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 16 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 16 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: 20050823 Latitude: 35.0654

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6618722
 Monitoring Loc Name: T10N.R03E.30.421A BWDES-T2
 Monitoring Loc Identifier: USGS-350354106394201
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4939.60
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ESE	0.26	1,375.92	4,944.27	FED USGS

Organiz Identifier: USGS-NM Formation Type: Santa Fe Group
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 32 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 32 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: 20040811 Latitude: 35.0666944
 Source Map Scale: 24000 Longitude: -106.6600889
 Monitoring Loc Name: 10N.03E.30.232J BWRM
 Monitoring Loc Identifier: USGS-350400106393702
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.

Wells and Additional Sources Detail Report

Horiz Coord Refer System: NAD83
 Vertical Measure: 4942.40
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ESE	0.26	1,375.92	4,944.27	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	17	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	17	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040811	Latitude:	35.0666944
Source Map Scale:	24000	Longitude:	-106.6600889
Monitoring Loc Name:	10N.03E.30.232I BWRS		
Monitoring Loc Identifier:	USGS-350400106393701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4942.40		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SE	0.28	1,484.75	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	31	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	31	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050824	Latitude:	35.0655611
Source Map Scale:	24000	Longitude:	-106.6608306
Monitoring Loc Name:	10N.03E.30.421D BWBM-T2		
Monitoring Loc Identifier:	USGS-350356106393902		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.59		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SE	0.28	1,484.75	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050824	Latitude:	35.0655611
Source Map Scale:	24000	Longitude:	-106.6608306
Monitoring Loc Name:	10N.03E.30.421C BWBS-T2		
Monitoring Loc Identifier:	USGS-350356106393901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.59
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SE	0.28	1,484.75	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	51	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	51	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050824	Latitude:	35.0655611
Source Map Scale:	24000	Longitude:	-106.6608306
Monitoring Loc Name:	10N.03E.30.421E BWBD-T2		
Monitoring Loc Identifier:	USGS-350356106393903		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.59		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SE	0.31	1,631.81	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050824	Latitude:	35.0656444
Source Map Scale:	24000	Longitude:	-106.6600028
Monitoring Loc Name:	T10N.R03E.30.422A BWRS-T2		
Monitoring Loc Identifier:	USGS-350356106393601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.14		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SE	0.31	1,631.81	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	31	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	31	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050824	Latitude:	35.0656444

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6600028
 Monitoring Loc Name: T10N.R03E.30.422B BWRM-T2
 Monitoring Loc Identifier: USGS-350356106393602
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.14
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	ESE	0.34	1,806.54	4,944.00	FED USGS

Organiz Identifier: USGS-NM Formation Type:
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: BERNALILLO
 Construction Date: 20060612 Latitude: 35.0671917
 Source Map Scale: 24000 Longitude: -106.6582278
 Monitoring Loc Name: 10N.03E.30.244H BRGSW
 Monitoring Loc Identifier: USGS-350402106392810
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 10
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.

Wells and Additional Sources Detail Report

Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 1.0
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	ESE	0.35	1,851.07	4,944.68	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	30	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0672194
Source Map Scale:	24000	Longitude:	-106.6580611
Monitoring Loc Name:	10N.03E.30.244B BERM		
Monitoring Loc Identifier:	USGS-350402106392902		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.08		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	ESE	0.35	1,851.07	4,944.68	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	15	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0672194
Source Map Scale:	24000	Longitude:	-106.6580611
Monitoring Loc Name:	10N.03E.30.244A BERS		
Monitoring Loc Identifier:	USGS-350402106392901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.08		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	E	0.36	1,914.64	4,945.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:		Latitude:	35.0692691
Source Map Scale:	24000	Longitude:	-106.6576088
Monitoring Loc Name:	ALBUQUERQUE RIVERSIDE DRAIN NEAR BARELAS BRIDGE		
Monitoring Loc Identifier:	USGS-350409106392510		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4950
 Vertical Measure Unit: feet
 Vertical Accuracy: 5
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	ESE	0.38	2,001.69	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0673028
Source Map Scale:	24000	Longitude:	-106.6575083
Monitoring Loc Name:	10N.03E.30.244C BEBS		
Monitoring Loc Identifier:	USGS-350402106392601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4942.18		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	ESE	0.38	2,001.69	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	52	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	52	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0673028
Source Map Scale:	24000	Longitude:	-106.6575083
Monitoring Loc Name:	10N.03E.30.244D BEBD		
Monitoring Loc Identifier:	USGS-350402106392603		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4942.18		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	ESE	0.38	2,001.69	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	31	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	31	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0673028

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6575083
 Monitoring Loc Name: 10N.03E.30.244D BEBM
 Monitoring Loc Identifier: USGS-350402106392602
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4942.18
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ESE	0.39	2,062.41	4,944.29	FED USGS

Organiz Identifier: USGS-NM Formation Type: Santa Fe Group
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 15 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 15 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: 20050826 Latitude: 35.065975
 Source Map Scale: 24000 Longitude: -106.6579417
 Monitoring Loc Name: 10N.03E.30.422C BERS-T2
 Monitoring Loc Identifier: USGS-350357106392901
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.

Wells and Additional Sources Detail Report

Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.41
 Vertical Measure Unit: feet
 Vertical Accuracy: .01
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ESE	0.39	2,062.41	4,944.29	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	30	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050826	Latitude:	35.065975
Source Map Scale:	24000	Longitude:	-106.6579417
Monitoring Loc Name:	10N.03E.30.422D BERM-T2		
Monitoring Loc Identifier:	USGS-350357106392902		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.41		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ESE	0.43	2,248.77	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	15	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050826	Latitude:	35.0660833
Source Map Scale:	24000	Longitude:	-106.657175
Monitoring Loc Name:	10N.03E.29.311C BEBS-T2		
Monitoring Loc Identifier:	USGS-350358106392601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4941.91		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ESE	0.43	2,248.77	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	40	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	40	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050826	Latitude:	35.0660833
Source Map Scale:	24000	Longitude:	-106.657175
Monitoring Loc Name:	10N.03E.29.311E BEBD-T2		
Monitoring Loc Identifier:	USGS-350358106392603		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4941.91
 Vertical Measure Unit: feet
 Vertical Accuracy: .01
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ESE	0.43	2,248.77	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	30	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050826	Latitude:	35.0660833
Source Map Scale:	24000	Longitude:	-106.657175
Monitoring Loc Name:	10N.03E.29.311D BEBM-T2		
Monitoring Loc Identifier:	USGS-350358106392602		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4941.91		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ESE	0.43	2,256.62	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	30	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	30	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0673917
Source Map Scale:	24000	Longitude:	-106.6566056
Monitoring Loc Name:	10N.03E.30.244G BEDWM		
Monitoring Loc Identifier:	USGS-350403106392302		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4941.86		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ESE	0.43	2,256.62	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	15	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	15	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20040812	Latitude:	35.0673917

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6566056
 Monitoring Loc Name: 10N.03E.30.244F BEDWS
 Monitoring Loc Identifier: USGS-350403106392301
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4941.86
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	ESE	0.43	2,274.66	4,944.65	FED USGS

Organiz Identifier: USGS-NM Formation Type:
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: Aquifer Type:
 Well Depth Unit: Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: BERNALILLO
 Construction Date: 20060612 Latitude: 35.0674
 Source Map Scale: 24000 Longitude: -106.6565417
 Monitoring Loc Name: 10N.03E.30.244I BEDSW
 Monitoring Loc Identifier: USGS-350403106392410
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 10
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.

Wells and Additional Sources Detail Report

Horiz Coord Refer System: NAD83
 Vertical Measure: 4942.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 1.0
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	ESE	0.43	2,288.71	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20081030	Latitude:	35.0673972
Source Map Scale:	24000	Longitude:	-106.6564944
Monitoring Loc Name:	T10N.R3E.30.244H bedes		
Monitoring Loc Identifier:	USGS-350403106392201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4940.68		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.47	2,486.51	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
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Wells and Additional Sources Detail Report

Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050825	Latitude:	35.0661222
Source Map Scale:	24000	Longitude:	-106.6562861
Monitoring Loc Name:	10N.03E.29.311A BEDWS-T2		
Monitoring Loc Identifier:	USGS-350358106392301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4939.88		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.02		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		
Vert Coord Refer System:	NAVD88		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.47	2,486.51	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	31	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	31	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20050825	Latitude:	35.0661222
Source Map Scale:	24000	Longitude:	-106.6562861
Monitoring Loc Name:	T10N.R03E.29.311B BEDWM-T2		
Monitoring Loc Identifier:	USGS-350358106392302		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			

Wells and Additional Sources Detail Report

Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Differentially corrected Global Positioning System.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4939.88
 Vertical Measure Unit: feet
 Vertical Accuracy: .02
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Level or other surveyed method.
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	ESE	0.48	2,517.33	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	16	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	16	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	20081031	Latitude:	35.0661333
Source Map Scale:	24000	Longitude:	-106.6561694
Monitoring Loc Name:	T10N.R3E.29.311F bedes-t2		
Monitoring Loc Identifier:	USGS-350358106392201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Differentially corrected Global Positioning System.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4939.91		
Vertical Measure Unit:	feet		
Vertical Accuracy:	.01		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Level or other surveyed method.		

Wells and Additional Sources Detail Report

Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	ESE	0.48	2,555.64	4,944.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Alluvium, Bolson Deposits and Other Surface Deposits
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	20	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	20	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:		Latitude:	35.0650471
Source Map Scale:	24000	Longitude:	-106.6566921
Monitoring Loc Name:	10N.03E.29.311		
Monitoring Loc Identifier:	USGS-350354106392201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	11		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NNW	0.51	2,671.06	4,946.67	FED USGS

Organiz Identifier:	USGS-TX	Formation Type:	
Organiz Name:	USGS Texas Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:		Latitude:	35.0756861

Wells and Additional Sources Detail Report

Source Map Scale: 24000 Longitude: -106.6679639
 Monitoring Loc Name: Rio Grande ups Hwy 314 at Albuquerque, NM
 Monitoring Loc Identifier: USGS-350432106400500
 Monitoring Loc Type: Stream
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: .5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from Digital MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4953
 Vertical Measure Unit: feet
 Vertical Accuracy: 5
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from Digital Elevation Model
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ESE	0.62	3,292.96	4,944.65	FED USGS

Organiz Identifier: USGS-NM Formation Type: Alluvium, Bolson Deposits and Other Surface Deposits
 Organiz Name: USGS New Mexico Water Science Center Aquifer Name:
 Well Depth: 40 Aquifer Type:
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 40 Provider Name: NWIS
 W Hole Depth Unit: ft County: BERNALILLO
 Construction Date: Latitude: 35.0650471
 Source Map Scale: 24000 Longitude: -106.6539143
 Monitoring Loc Name: 10N.03E.29.312
 Monitoring Loc Identifier: USGS-350354106391201
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 13020203
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Interpolated from MAP.

Wells and Additional Sources Detail Report

Mthd:
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4943.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 11
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	WNW	0.63	3,333.39	4,946.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:	19530201	Latitude:	35.0708801
Source Map Scale:	24000	Longitude:	-106.6755814
Monitoring Loc Name:	10N.02E.24.413		
Monitoring Loc Identifier:	USGS-350415106403001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4945.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	N	0.65	3,432.38	4,949.65	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-NM	Formation Type:	Quaternary Alluvium
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	Rio Grande aquifer system
Well Depth:	18.05	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	18.05	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	19930621	Latitude:	35.0784077
Source Map Scale:	24000	Longitude:	-106.6627201
Monitoring Loc Name:	10N.03E.19.2333		
Monitoring Loc Identifier:	USGS-350447106395201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4945		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SE	0.70	3,681.52	4,943.66	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Quaternary Alluvium
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	Rio Grande aquifer system
Well Depth:	29.25	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	29.25	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	19930618	Latitude:	35.0624638
Source Map Scale:	24000	Longitude:	-106.6543031
Monitoring Loc Name:	10N.03E.29.3342		
Monitoring Loc Identifier:	USGS-350344106391201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: .5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4940
 Vertical Measure Unit: feet
 Vertical Accuracy: 5
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	ESE	0.81	4,284.85	4,947.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:		Latitude:	35.0652778
Source Map Scale:	24000	Longitude:	-106.6502778
Monitoring Loc Name:	William and Kathryn Streets		
Monitoring Loc Identifier:	USGS-350355106390110		
Monitoring Loc Type:	Facility: Outfall		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4943		
Vertical Measure Unit:	feet		
Vertical Accuracy:	4.3		
Vertical Accuracy Unit:	feet		

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from Digital Elevation Model
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	ESE	0.88	4,625.17	4,945.82	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO
Construction Date:	1940	Latitude:	35.0619916
Source Map Scale:	24000	Longitude:	-106.6508586
Monitoring Loc Name:	10N.03E.29.341		
Monitoring Loc Identifier:	USGS-350343106390101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4952		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SE	0.88	4,653.70	4,941.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Alluvium, Bolson Deposits and Other Surface Deposits
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	51	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	BERNALILLO

Wells and Additional Sources Detail Report

Construction Date:	1989	Latitude:	35.0581028
Source Map Scale:	24000	Longitude:	-106.6553031
Monitoring Loc Name:	10N.03E.32.111		
Monitoring Loc Identifier:	USGS-350329106391701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4940		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	ENE	0.89	4,716.27	4,950.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	418	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	428	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	19230101	Latitude:	35.0739357
Source Map Scale:	24000	Longitude:	-106.6494698
Monitoring Loc Name:	10N.03E.20.344		
Monitoring Loc Identifier:	USGS-350426106385601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 4947.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 5
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	W	0.98	5,180.51	4,946.65	FED USGS

Organiz Identifier:	USGS-NM	Formation Type:	Santa Fe Group
Organiz Name:	USGS New Mexico Water Science Center	Aquifer Name:	
Well Depth:	360	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	360	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	BERNALILLO
Construction Date:	19510101	Latitude:	35.0700468
Source Map Scale:	24000	Longitude:	-106.6819705
Monitoring Loc Name:	10N.02E.25.213		
Monitoring Loc Identifier:	USGS-350411106405501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	13020203		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	4945.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *BERNALILLO* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *BERNALILLO* County

No Measures/Homes:	406
Geometric Mean:	2.7
Arithmetic Mean:	3.7
Median:	2.6
Standard Deviation:	3.5
Maximum:	27
% >4 pCi/L:	28
% >20 pCi/L:	1
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of New Mexico conducted during 1988-89. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Oil and Gas Wells

OGW

Oil and Gas Well Data collected by New Mexico Oil Conservation Division.

Public Water Supply Wells

PWSW

The New Mexico Office of the State Engineer (OSE) maintains a list of all public water supply wells in the state. The UTM coordinates in the database are point locations of the wells or a centroid of the legal description.

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