Semi-Annual Ground Water Monitoring
March 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.
Albuquerque, New Mexico 87113-1670
(505) 823-4488 • fax 821-2963

Prepared For:

New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Bldg. 1
Santa Fe, New Mexico 85405

April 8, 2019

David C. Wagner

David C. Wagner
Senior Environmental Scientist

Sean Moggridge
Project Scientist

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April 8, 2019

New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 85405

Attn: Lorena Goerger, Program Manager, Remedial Action Program

Re: Semi-Annual Ground Water Monitoring (March 2019) **Job No. 3288JV023**
Barelas Bridge
800 Bridge Boulevard SW
Albuquerque, New Mexico 87105

Facility #: 29854 **Release ID #: 54** **WPID #: 4023-1**

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

David C. Wagner, P. G.
Environmental Scientist

Copies to: Addressee (1)

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

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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
   2905 Rodeo Park Drive East
   Building 1
   Santa Fe, NM 85405

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:** April 8, 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: April 8, 2019

I. INTRODUCTION:

A. Scope of work: WPID #: 4023-1 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 #: 4023-1.

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. Consent for Access Agreements, Field Notes, and a Photographic Log are presented in Appendix E. A Physical Setting Report (PSR) is presented in Appendix F.

The monitoring event of March 2019, was the first monitoring event since March 2018[1]. The current Site and vicinity layout is illustrated on Figure 1, Site Plan overlaid on 2018 Aerial Photograph. The Site is currently an active fuel dispensing facility and convenience store. 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). Appendix A presents the PSTB UST Report.

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 south 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-sparge/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 2003, the resident of 147 La Vega 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 conducted eight ground water monitoring events between April 2014 and March 2018.

B. Monitoring Event Highlights:

WT performed obtained Consent for Access Agreements from the Site Owner and the 121 La Vega Drive Property Owner where MW-7 was located (Appendix E). In March 2019, WT attempted to locate MW-1 and obtain a Consent for Access agreement. The property at 121 La Vega Drive was locked and gated. WT could not contact the current property owner.

Current monitor well status is illustrated in the Photographic Log in appendix E. The PVC well casing and well cap appeared intact in each of the six monitor wells. Bolts were missing from all wells

- Monitor well MW-4 well vault was in good shape.
- Monitor well MW-7 well cover was loosely fit over the well vault. Bolts were missing.
- Monitor well MW-8 well vault was in good shape.
- Monitor well MW-9 well vault was in good shape.
- Monitor well VP-2 well vault was in good shape.
- Monitor well VP-5 well vault was in fair shape. The well vault cover was difficult to remove because the well vault rim was curled over the well vault cover. This well is in a very high traffic area. The 2.5-foot deep well vault was adjacent to a depression. Surface runoff water appears to infiltrate into the well vault (see Photographic Log in Appendix E. WT believes that surface runoff water did not enter the well itself because the well cap appeared watertight.

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.

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.

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 (Hg_2Cl_2). 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 7.63 feet below top of casing (MW-7) to 8.90 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 4535.31 feet (MW-7) above mean sea level (MSL). The average ground water elevations decreased 0.10 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 be 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 45.7 micrograms per liter (μg/L) (MW-9) 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 μg/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 (166.9 μg/L) and MW-8 (57 μg/L), exceeded the NMWQCC regulatory limit of 30 μg/L for total naphthalenes. Total napthalene 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.

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). All EPA Method 6010 results for lead were below the PQL of 0.005 mg/Kg. 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 have exceed the NMWQCC regulatory limit of 1.0 mg/L for iron (see Table 5).

Chart 1, Napthalene 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: Napthalene 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 napthalene concentrations exceeded the NMWQCC regulatory limit of 30 μg/L between 2000 and the date of this report. The MW-9 and VP-2 napthalene concentrations occasionally exceeded the NMWQCC regulatory limit. The MW-9 napthalene concentration last exceeded the NMWQCC regulatory limit in January 2018. The VP-2 napthalene concentration last exceeded the NMWQCC regulatory limit in April 2013.

Significant napthalene concentrations versus ground water elevation is illustrated by Chart 3: Napthalene 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 μg/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 east and north. North was up-gradient and west was cross gradient.

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 μg/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.

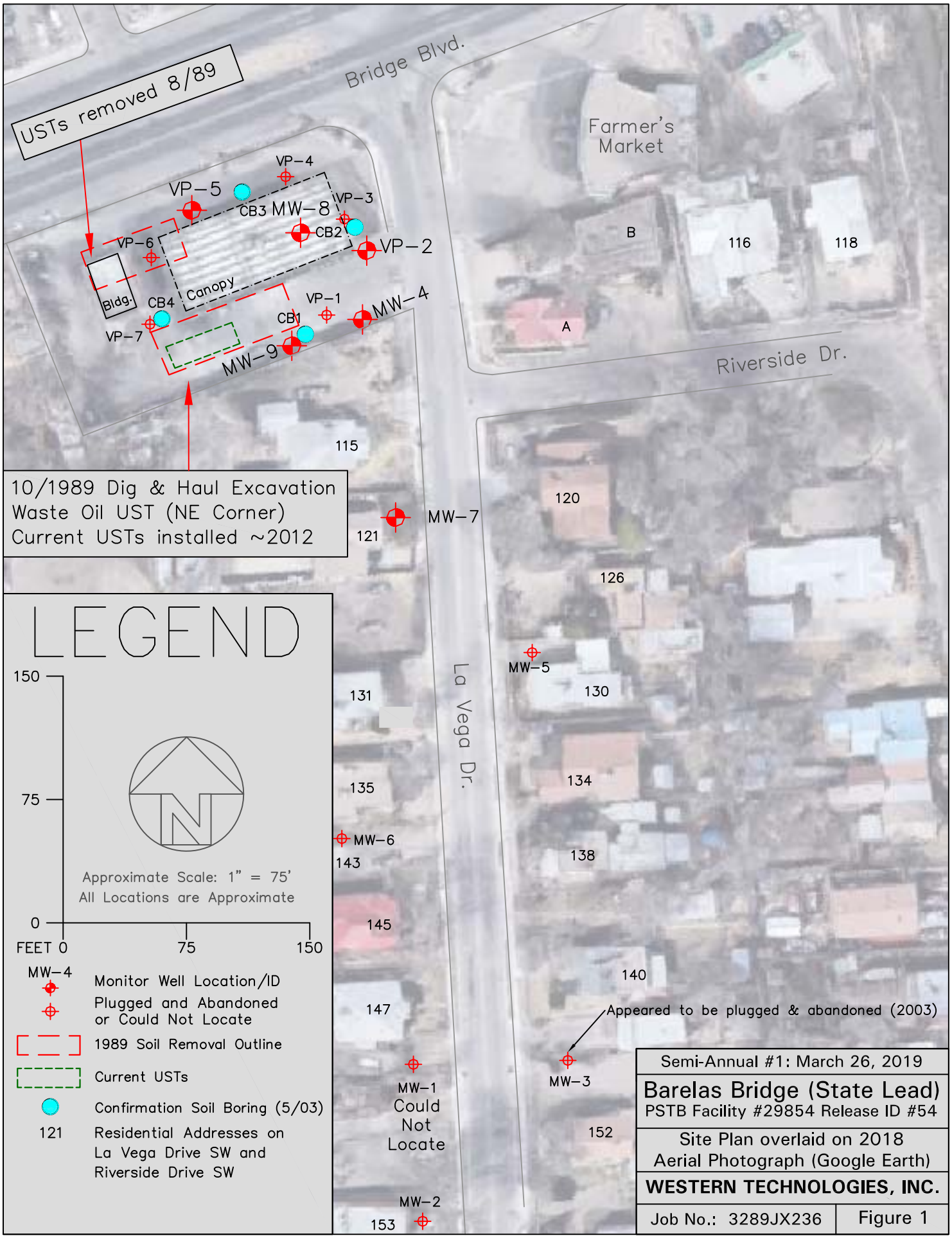
Not applicable.

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 monitor wells, west and north of VP-5, to delineate the total naphthalenes plume.

APPENDIX A

Figures



Semi-Annual #1: March 26, 2019

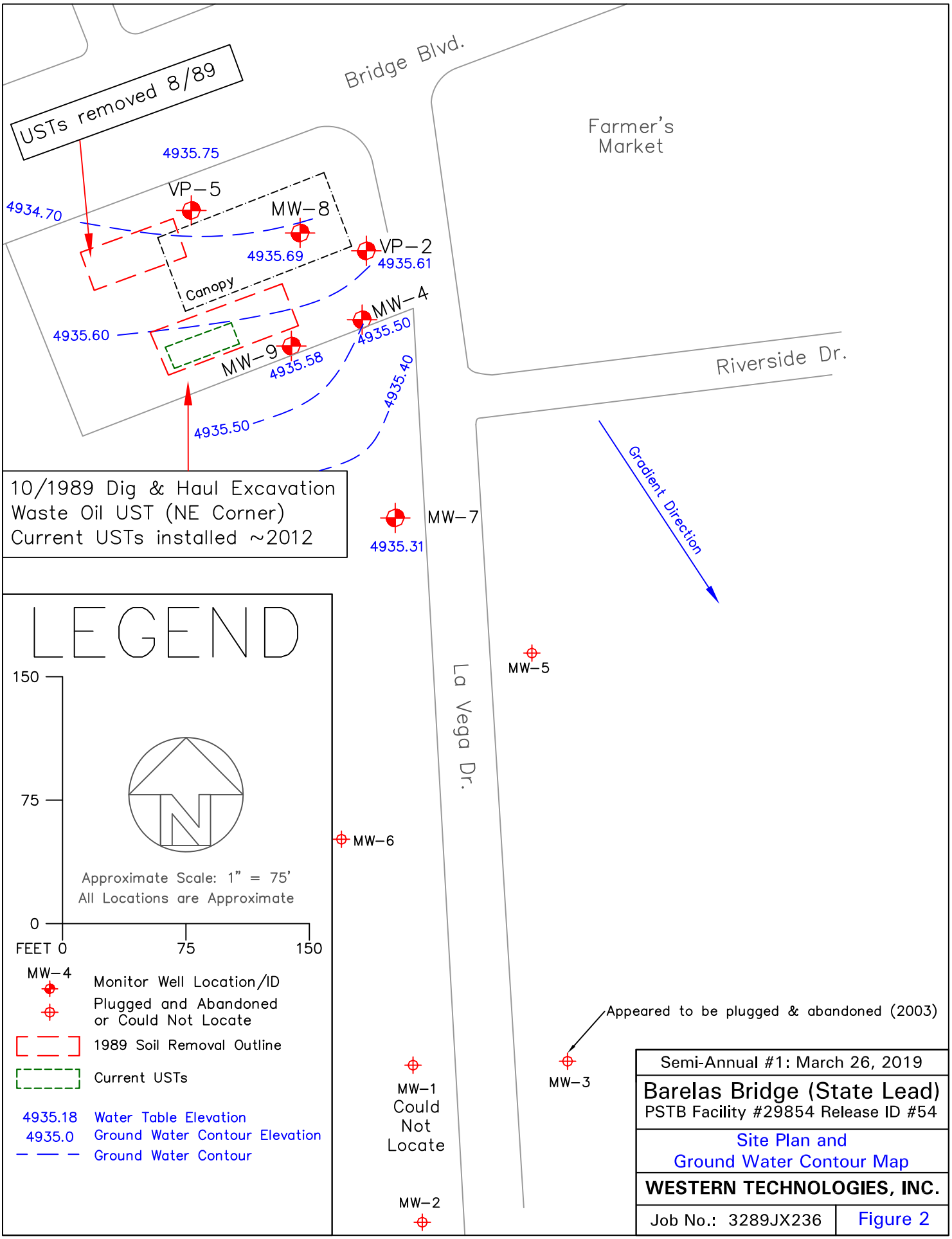
Barelas Bridge (State Lead)

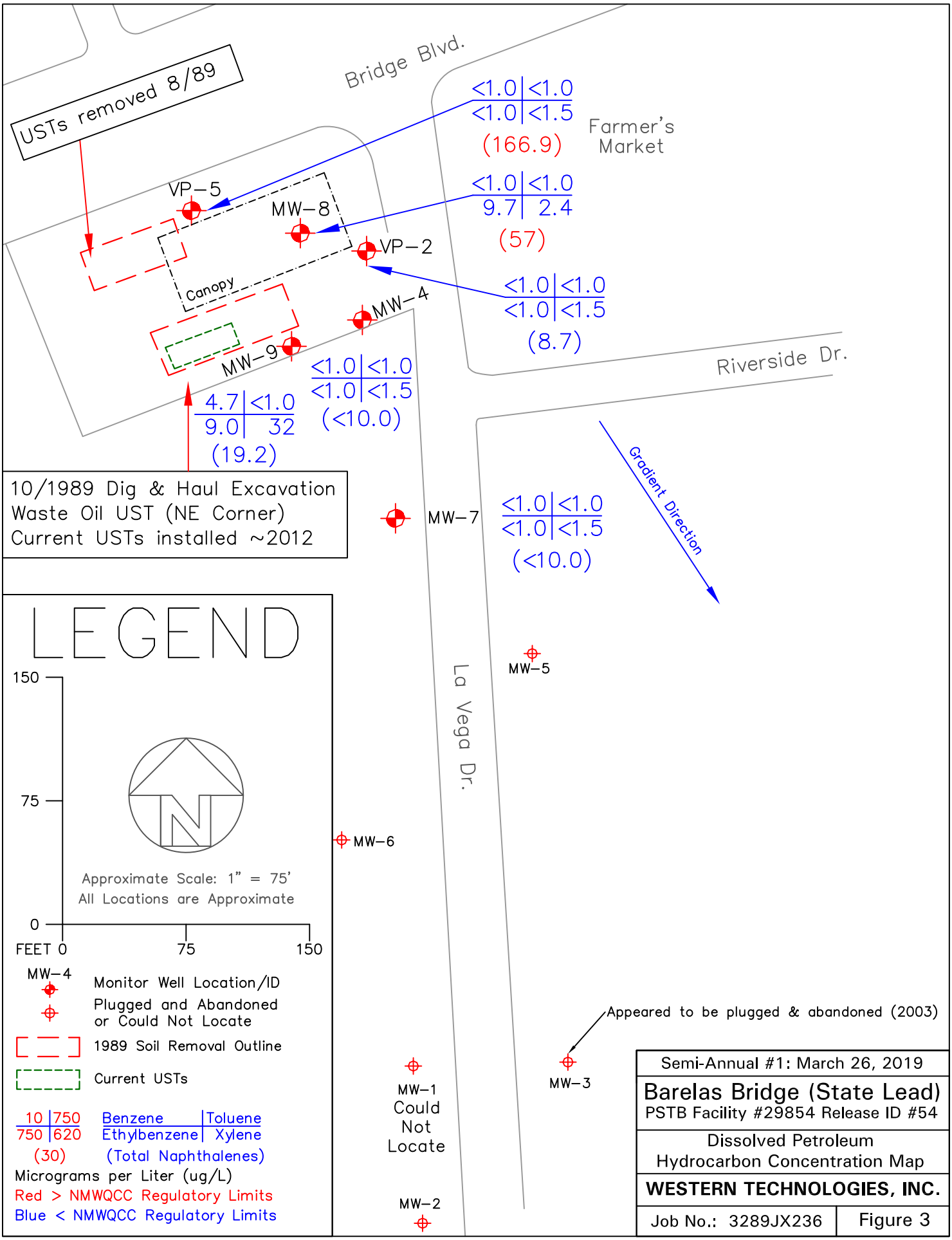
PSTB Facility #29854 Release ID #54

Site Plan overlaid on 2018 Aerial Photograph (Google Earth)

WESTERN TECHNOLOGIES, INC.

Job No.: 3289JX236 | Figure 1


Bridge Blvd.
USTs removed 8/89
Farmer's Market
4935.75
VP–5
MW–8
4934.70
4935.69
VP–2
4935.61
Canopy
MW–4
4935.60
4935.50
MW–9
4935.58
4935.40
4935.50
Riverside Dr.
Gradient Direction
10/1989 Dig & Haul Excavation
Waste Oil UST (NE Corner)
Current USTs installed ~2012
MW–7
4935.31
MW–5
La Vega Dr.
MW–6
LEGEND
150
75
0
FEET 0
75
150
Approximate Scale: 1" = 75'
All Locations are Approximate
MW–4
Monitor Well Location/ID
Plugged and Abandoned or Could Not Locate
1989 Soil Removal Outline
Current USTs
4935.18 Water Table Elevation
4935.0 Ground Water Contour Elevation
Ground Water Contour
Appeared to be plugged & abandoned (2003)
MW–3
MW–1
Could Not Locate
MW–2
Semi-Annual #1: March 26, 2019
Barelas Bridge (State Lead)
PSTB Facility #29854 Release ID #54
Site Plan and Ground Water Contour Map
WESTERN TECHNOLOGIES, INC.
Job No.: 3289JX236
Figure 2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VP-2
MW-4
MW-9
MW-7
MW-6
MW-5
MW-1
Could Not Locate
MW-2
MW-3
Appeared to be plugged & abandoned (2003)
<1.0 | <1.0
<1.0 | <1.5
(166.9)
<1.0 | <1.0
9.7 | 2.4
(57)
<1.0 | <1.0
<1.0 | <1.5
(8.7)
<1.0 | <1.0
<1.0 | <1.5
(<10.0)
4.7 | <1.0
9.0 | 32
(19.2)
<1.0 | <1.0
<1.0 | <1.5
(<10.0)
Gradient Direction
10/1989 Dig & Haul Excavation
Waste Oil UST (NE Corner)
Current USTs installed ~2012
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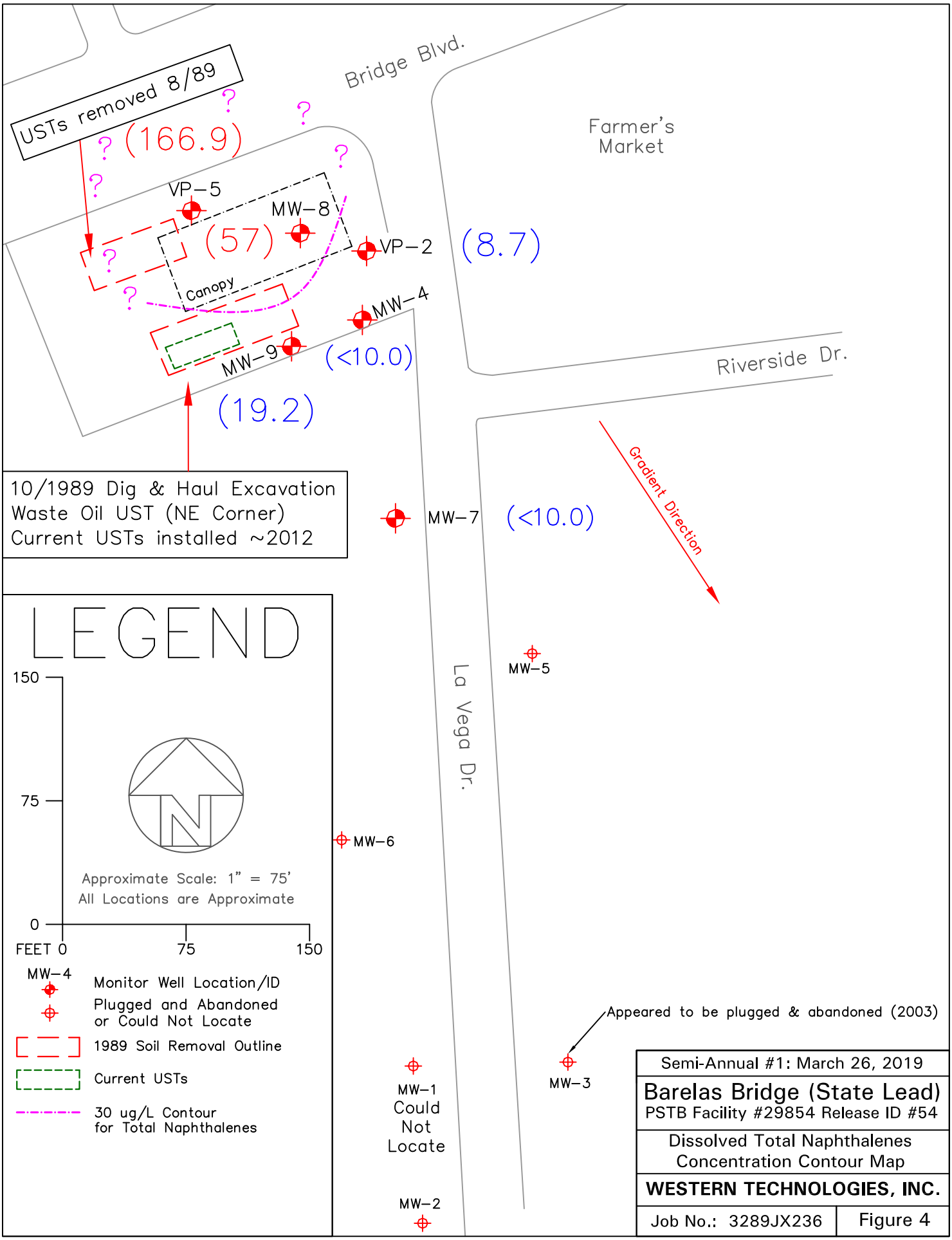
75
150
Approximate Scale: 1" = 75'
All Locations are Approximate
MW-4
Monitor Well Location/ID
Plugged and Abandoned or Could Not Locate
1989 Soil Removal Outline
Current USTs
10 | 750
750 | 620
(30)
Benzene | Toluene
Ethylbenzene | Xylene
(Total Naphthalenes)
Micrograms per Liter (ug/L)
Red > NMWQCC Regulatory Limits
Blue < NMWQCC Regulatory Limits
Semi-Annual #1: March 26, 2019
Barelas Bridge (State Lead)
PSTB Facility #29854 Release ID #54
Dissolved Petroleum Hydrocarbon Concentration Map
WESTERN TECHNOLOGIES, INC.
Job No.: 3289JX236
Figure 3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Plugged and Abandoned or Could Not Locate
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Current USTs
30 ug/L Contour for Total Naphthalenes
Appeared to be plugged & abandoned (2003)
MW-3
MW-1
Could Not Locate
MW-2
Semi-Annual #1: March 26, 2019
Barelas Bridge (State Lead)
PSTB Facility #29854 Release ID #54
Dissolved Total Naphthalenes Concentration Contour Map
WESTERN TECHNOLOGIES, INC.
Job No.: 3289JX236
Figure 4

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)
			Screened Interval: 3.5'-18.5' (Reported)				
MW-4	**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
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PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 1
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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)
			Screened Interval: 7.0'-22.0' (Reported)				
MW-7	**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

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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)
			Screened Interval: 8.0'-13.0' (Reported)				
MW-8	**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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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)
			Screened Interval: 5.0'-20.0' (Reported)				
MW-9	**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

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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)
			Screened Interval Not Available				
VP-2	**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

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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)
			Screened Interval Not Available				
VP-5	**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

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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	Plugged and Abandoned					
	01/06/00	4942.47	5.94	4936.53	Dry	Dry	Dry
MW-3	05/30/03	Appeared plugged and abandoned before May 2003					
	01/26/00	4942.03	20.47	4921.56	8.65	11.82	4933.38
	01/06/00	4942.03	20.47	4921.56	8.59	11.88	4933.44
	03/07/96	4942.03	20.47	4921.56	8.51	11.96	4933.52
MW-5	05/30/03	Plugged and Abandoned					
	01/26/00	4942.18	21.48	4920.70	8.23	13.25	4933.95
	01/06/00	4942.18	21.48	4920.70	8.14	13.34	4934.04
	03/07/96	4942.18	21.48	4920.70	8.07	13.41	4934.11
MW-6	05/30/03	Plugged and Abandoned					
	01/26/00	4944.59	13.16	4931.43	8.36	4.80	4936.23
	01/06/00	4944.59	13.16	4931.43	9.37	3.79	4935.22
	03/07/96	4944.59	13.16	4931.43	9.22	3.94	4935.37

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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

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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 **03/26/19**	Temp. (°C)	RDO Dissolved Oxygen (mg/L)	pH	Eh ORP (mV)	Specific Conductivity (ÂµS/cm)*	Volume Removed (gallons)	COMMENTS
MW-4	DTW	3/26/2019 10:55	14.5	2.29	7.87	-75	492	0	Turbid, brown
	7.73	3/26/2019 11:00	14.6	2.00	7.84	-59	357	2.25	Turbid, brown
	TD	3/26/2019 11:12	14.5	2.44	8.01	-42	362	4.50	Turbid, brown
	21.50	3/26/2019 11:27	14.6	3.13	8.08	-35	367	6.75	Slightly turbid, brown
MW-7	DTW	3/26/2019 12:17	15.1	1.86	8.13	-42	377	0	Turbid, brown
	7.79	3/26/2019 12:20	15.0	2.25	8.05	-72	392	2.25	Turbid, brown
	TD	3/26/2019 12:23	15.1	3.18	8.05	-72	385	4.50	Turbid, brown
	21.56	3/26/2019 12:27	15.2	1.88	8.07	-80	380	6.75	Turbid, brown
MW-8	DTW	3/26/2019 13:37	15.2	1.76	8.33	-183	460	0	Clear, black particles, HC odor
	9.03	3/26/2019 13:38	14.8	1.99	8.28	-182	430	0.75	Clear, black particles, HC odor
	TD	3/26/2019 13:40	14.6	1.91	8.21	-185	455	1.50	Clear, black particles, HC odor, trace sheen
	13.27	3/26/2019 13:42	14.5	1.71	8.20	-189	442	2.25	Clear, black particles, HC odor, trace sheen
MW-9	DTW	3/26/2019 13:08	15.5	1.79	7.90	-96	364	0	Clear, small black particles
	8.48	3/26/2019 13:13	15.4	1.72	7.48	-122	380	1.75	Turbid brown, weathered HC odor
	TD	3/26/2019 13:17	15.4	2.34	7.63	-112	386	3.50	Turbid brown, weathered HC odor
	19.27	3/26/2019 13:21	15.4	2.19	7.79	-103	379	5.25	Turbid brown, weathered HC odor
VP-2	DTW	3/26/2019 12:44	15.2	3.79	7.94	-58	438	0	Turbid, brown, sewage-like odor
	8.14	3/26/2019 12:47	14.8	2.14	7.79	-103	452	0.75	Turbid, brown, sewage-like odor
	TD	3/26/2019 12:49	14.7	2.36	7.76	-128	482	1.50	Turbid, brown, sewage-like odor
	12.82	3/26/2019 12:51	14.7	2.06	7.84	-126	471	2.25	Turbid, brown, sewage-like odor
VP-5	DTW	3/26/2019 13:57	14.4	1.91	7.81	-95	650	0	Clear, HC odor
	7.84	3/26/2019 13:59	13.7	1.41	7.66	-116	591	0.75	Slightly turbid black, black particles, HC odor
	TD	3/26/2019 14:01	13.7	1.75	7.67	-110	514	1.50	Turbid black, black particles, HC odor
	12.45	3/26/2019 14:03	13.9	1.94	7.70	-117	493	2.25	Turbid black, black particles, HC odor

ORP = Oxidation Reduction Potential (Eh)

* = temperature compensated specific conductivity

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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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		**10**	**750**	**750**	**620**	**NE**	**100***	**0.1**	**10**	**30**
MW-4	**03/26/19**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	**8.1**
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	**2.1**
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	<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
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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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		**10**	**750**	**750**	**620**	**NE**	**100***	**0.1**	**10**	**30**
MW-7	**03/26/19**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	<10.0
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<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	**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**	-	-	-	-

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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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		10	750	750	620	NE	100*	0.1	10	30
MW-8	**03/26/19**	<1.0	<1.0	**9.7**	**2.4**	**12.1**	<1.0	<1.0	<1.0	**57**
	03/06/18	<1.0	<1.0	**6.4**	**1.8**	**8.2**	<1.0	<1.0	<1.0	**45**
	01/12/18	<1.0	<1.0	**7.9**	**2.4**	**10.3**	<1.0	<1.0	<1.0	**56**
	05/19/15	<1.0	<1.0	**22**	**4.4**	**26.4**	<1.0	<0.010	<1.0	**82**
	12/02/14	<5.0	<5.0	**17**	<7.5	**17**	<5.0	<0.010	<5.0	**62**
	04/09/14	<1.0	**1.2**	**32**	**7.3**	**40.5**	<1.0	-	-	**113**
	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
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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		10	750	750	620	NE	100*	0.1	10	30
MW-9	03/06/18	**4.7**	<1.0	**9.0**	**32**	**45.7**	<1.0	<1.0	<1.0	**19.2**
	03/06/18	<1.0	<1.0	**2.1**	**3.8**	**5.9**	<1.0	<1.0	<1.0	**26**
	01/12/18	**4.0**	**1.4**	**11**	**11**	**27.4**	<1.0	<1.0	<1.0	**68**
	05/19/15	**21**	**3.0**	**18**	**18**	**60**	<1.0	<0.010	<1.0	**2.7**
	12/02/14	**6.4**	<1.0	**14**	**5.5**	**25.9**	<1.0	<0.010	<1.0	**2.3**
	04/09/14	**100**	**49**	**72**	**110**	**331**	<1.0	-	-	**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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WESTERN TECHNOLOGIES INC.

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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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		10	750	750	620	NE	100*	0.1	10	30
VP-2	**03/26/19**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	**8.7**
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	<4.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	**11**
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	<4.0
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	**3.6**
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	<4.0
	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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		10	750	750	620	NE	100*	0.1	10	30
VP-5	**03/26/19**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	**166.9**
	03/06/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	**146**
	01/12/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	**95**
	05/19/15	<5.0	<5.0	<5.0	<7.5	<7.5	<5.0	<0.010	<5.0	**200**
	12/02/14	<5.0	<10	<10	<15	<15	<10	<0.010	<5.0	**280**
	04/09/14	<1.0	**1.2**	**4.5**	<1.5	**5.7**	<1.0	-	-	**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	-	-	-	-

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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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		**10**	**750**	**750**	**620**	**NE**	**100***	**0.1**	**10**	**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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		**10**	**750**	**750**	**620**	**NE**	**100***	**0.1**	**10**	**30**
VP-1	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	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**	-	-	-	-

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	Total Naphthalenes µg/L
NMWQCC Regulatory Limits =		**10**	**750**	**750**	**620**	**NE**	**100***	**0.1**	**10**	**30**
VP-6	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10.0.0
	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
EDB = 1,2-Dibromoethane. EDB values <1.0 indicates that EDB analyzed by EPA Method 504.1.
Total Naphthalene = total of naphthalene, 1-methylnaphthalene & 2-methylnaphthalene
NMWQCC = New Mexico Water Quality Control Commission
BOLD RED Indicates Laboratory Analytical Result ≥ NMWQCC Regulatory Limit
RED (Not bold) Indicates PQLs ≥ NMWQCC Regulatory Limit

MTBE = Methyl-tert-butyl ether
EDC = 1,2-Dichloroethane
µg/L = micrograms per Liter
"-" indicates Not Analyzed or Not Available

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

WESTERN TECHNOLOGIES INC.
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 =	03/26/19	03/26/19	03/26/19	03/26/19	03/26/19	03/26/19
Units =	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Benzene	< 1.0	< 1.0	< 1.0	**4.7**	< 1.0	< 1.0
Toluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	**9.7**	**9.0**	< 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	**15**	< 1.0	< 1.0
1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0	**5.8**	< 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**	**13**	**8.7**	**3.9**
1-Methylnaphthalene	< 4.0	< 4.0	**15**	**6.2**	< 4.0	**70**
2-Methylnaphthalene	< 4.0	< 4.0	**17**	< 4.0	< 4.0	**93**
Total Naphthalenes =	< 10.0	< 10.0	**57**	**19.2**	**8.7**	**166.9**
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	< 1.0	**8.8**	**1.8**	**5.8**	**18**
4-Isopropyltoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5
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	< 3.0	< 3.0	< 3.0	**11**
n-Propylbenzene	< 1.0	< 1.0	**16**	**3.1**	**8.7**	**55**
sec-Butylbenzene	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	**4.5**
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	**2.4**	**32**	< 1.5	< 1.5

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

WESTERN TECHNOLOGIES INC.

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

Monitor Well	Date	Iron mg/L	Manganese mg/L	Lead mg/L
NMWQCC Regulatory Limits		**1.0****	**0.2****	**0.050***
MW-4	05/19/15	0.71	**0.74**	<0.0050
	12/02/14	0.60	**0.78**	<0.0050
	05/29/01	0.17	**1.97**	<0.0050
	02/06/01	**1.19**	**1.76**	<0.0050
MW-7	05/19/15	0.29	**0.61**	<0.0050
	12/02/14	0.33	**0.69**	<0.0050
MW-8	05/19/15	0.07	**0.28**	<0.0050
	12/02/14	0.08	**0.34**	<0.0050
	05/29/01	**1.12**	**0.39**	<0.0050
	02/06/01	0.68	**0.38**	<0.0050
MW-9	05/19/15	0.22	**0.70**	<0.0050
	12/02/14	0.31	**0.81**	<0.0050
VP-1	05/29/01	**1.72**	**1.67**	<0.0050
	02/06/01	**2.07**	**1.07**	<0.0050
VP-2	05/19/15	0.07	**0.46**	<0.0050
	12/02/14	0.11	**0.59**	<0.0050
	05/29/01	0.83	**1.21**	<0.0050
	02/06/01	0.70	**0.92**	<0.0050
VP-5	05/19/15	**1.20**	**0.12**	0.006
	12/02/14	**1.00**	**0.12**	<0.0050
	05/29/01	**3.42**	**0.53**	<0.0050
VP-6	05/29/01	0.67	**0.62**	<0.005
	02/06/01	0.52	**0.45**	<0.005

NMWQCC= New Mexico Water Quality Control Commission
* = NMWQCC Regulations 20.6.2.3103.A. Human Health Standards
** = NMWQCC Regulations 20.6.2.3103.B. Other Standards for Domestic Water Supply

APPENDIX C

Hall Environmental
Analysis Laboratory Test Results

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 02, 2019

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

RE: Barelas Bridge OrderNo.: 1903C33

Dear Sean Moggridge:

Hall Environmental Analysis Laboratory received 7 sample(s) on 3/26/2019 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-4
Project: Barelas Bridge
Collection Date: 3/26/2019 11:35:00 AM
Lab ID: 1903C33-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Ethylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Naphthalene	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
2-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 12:08:53 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 12:08:53 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 12:08:53 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-4
Project: Barelas Bridge
Collection Date: 3/26/2019 11:35:00 AM
Lab ID: 1903C33-001 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 12:08:53 AM	W58773
Isopropylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 12:08:53 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
n-Propylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
sec-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 12:08:53 AM	W58773
Xylenes, Total	ND	1.5		µg/L	1	3/30/2019 12:08:53 AM	W58773
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	3/30/2019 12:08:53 AM	W58773
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	1	3/30/2019 12:08:53 AM	W58773
Surr: Dibromofluoromethane	114	70-130		%Rec	1	3/30/2019 12:08:53 AM	W58773
Surr: Toluene-d8	101	70-130		%Rec	1	3/30/2019 12:08:53 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-7
Project: Barelas Bridge
Collection Date: 3/26/2019 12:30:00 PM
Lab ID: 1903C33-002 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Ethylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Naphthalene	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
2-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 1:37:02 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 1:37:02 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 1:37:02 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-7
Project: Barelas Bridge
Collection Date: 3/26/2019 12:30:00 PM
Lab ID: 1903C33-002 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 1:37:02 AM	W58773
Isopropylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 1:37:02 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
n-Propylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
sec-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 1:37:02 AM	W58773
Xylenes, Total	ND	1.5		µg/L	1	3/30/2019 1:37:02 AM	W58773
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	3/30/2019 1:37:02 AM	W58773
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	3/30/2019 1:37:02 AM	W58773
Surr: Dibromofluoromethane	118	70-130		%Rec	1	3/30/2019 1:37:02 AM	W58773
Surr: Toluene-d8	104	70-130		%Rec	1	3/30/2019 1:37:02 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-2
Project: Barelas Bridge
Collection Date: 3/26/2019 12:55:00 PM
Lab ID: 1903C33-003
Matrix: AQUEOUS
Received Date: 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Ethylbenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Naphthalene	8.7	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
2-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 2:06:21 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 2:06:21 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 2:06:21 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-2
Project: Barelas Bridge
Collection Date: 3/26/2019 12:55:00 PM
Lab ID: 1903C33-003 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 2:06:21 AM	W58773
Isopropylbenzene	5.8	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 2:06:21 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
n-Propylbenzene	8.7	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
sec-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 2:06:21 AM	W58773
Xylenes, Total	ND	1.5		µg/L	1	3/30/2019 2:06:21 AM	W58773
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	3/30/2019 2:06:21 AM	W58773
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	3/30/2019 2:06:21 AM	W58773
Surr: Dibromofluoromethane	111	70-130		%Rec	1	3/30/2019 2:06:21 AM	W58773
Surr: Toluene-d8	101	70-130		%Rec	1	3/30/2019 2:06:21 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-9
Project: Barelas Bridge
Collection Date: 3/26/2019 1:25:00 PM
Lab ID: 1903C33-004 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	4.7	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Ethylbenzene	9.0	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2,4-Trimethylbenzene	15	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,3,5-Trimethylbenzene	5.8	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Naphthalene	13	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1-Methylnaphthalene	6.2	4.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
2-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 2:35:35 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 2:35:35 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 2:35:35 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-9
Project: Barelas Bridge
Collection Date: 3/26/2019 1:25:00 PM
Lab ID: 1903C33-004 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 2:35:35 AM	W58773
Isopropylbenzene	1.8	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 2:35:35 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
n-Propylbenzene	3.1	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
sec-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 2:35:35 AM	W58773
Xylenes, Total	32	1.5		µg/L	1	3/30/2019 2:35:35 AM	W58773
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	3/30/2019 2:35:35 AM	W58773
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	3/30/2019 2:35:35 AM	W58773
Surr: Dibromofluoromethane	113	70-130		%Rec	1	3/30/2019 2:35:35 AM	W58773
Surr: Toluene-d8	98.6	70-130		%Rec	1	3/30/2019 2:35:35 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-8
Project: Barelas Bridge
Collection Date: 3/26/2019 1:45:00 PM
Lab ID: 1903C33-005 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Ethylbenzene	9.7	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Naphthalene	25	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1-Methylnaphthalene	15	4.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
2-Methylnaphthalene	17	4.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 3:05:01 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 3:05:01 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 3:05:01 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-8
Project: Barelas Bridge
Collection Date: 3/26/2019 1:45:00 PM
Lab ID: 1903C33-005
Matrix: AQUEOUS
Received Date: 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 3:05:01 AM	W58773
Isopropylbenzene	8.8	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 3:05:01 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
n-Propylbenzene	16	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
sec-Butylbenzene	2.1	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 3:05:01 AM	W58773
Xylenes, Total	2.4	1.5		µg/L	1	3/30/2019 3:05:01 AM	W58773
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	3/30/2019 3:05:01 AM	W58773
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	3/30/2019 3:05:01 AM	W58773
Surr: Dibromofluoromethane	109	70-130		%Rec	1	3/30/2019 3:05:01 AM	W58773
Surr: Toluene-d8	103	70-130		%Rec	1	3/30/2019 3:05:01 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-5
Project: Barelas Bridge
Collection Date: 3/26/2019 2:10:00 PM
Lab ID: 1903C33-006
Matrix: AQUEOUS
Received Date: 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Ethylbenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Naphthalene	3.9	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1-Methylnaphthalene	70	4.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
2-Methylnaphthalene	93	4.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 3:34:15 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 3:34:15 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 3:34:15 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-5
Project: Barelas Bridge
Collection Date: 3/26/2019 2:10:00 PM
Lab ID: 1903C33-006 **Matrix:** AQUEOUS **Received Date:** 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 3:34:15 AM	W58773
Isopropylbenzene	18	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
4-Isopropyltoluene	1.5	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 3:34:15 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
n-Butylbenzene	11	3.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
n-Propylbenzene	55	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
sec-Butylbenzene	4.5	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 3:34:15 AM	W58773
Xylenes, Total	ND	1.5		µg/L	1	3/30/2019 3:34:15 AM	W58773
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	1	3/30/2019 3:34:15 AM	W58773
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	3/30/2019 3:34:15 AM	W58773
Surr: Dibromofluoromethane	115	70-130		%Rec	1	3/30/2019 3:34:15 AM	W58773
Surr: Toluene-d8	104	70-130		%Rec	1	3/30/2019 3:34:15 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: Trip Blank
Project: Barelas Bridge
Collection Date:
Lab ID: 1903C33-007
Matrix: TRIP BLANK
Received Date: 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Toluene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Ethylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Naphthalene	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
2-Methylnaphthalene	ND	4.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Acetone	ND	10		µg/L	1	3/30/2019 4:03:38 AM	W58773
Bromobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Bromodichloromethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Bromoform	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Bromomethane	ND	3.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
2-Butanone	ND	10		µg/L	1	3/30/2019 4:03:38 AM	W58773
Carbon disulfide	ND	10		µg/L	1	3/30/2019 4:03:38 AM	W58773
Carbon Tetrachloride	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Chlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Chloroethane	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Chloroform	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Chloromethane	ND	3.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
2-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
4-Chlorotoluene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
cis-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Dibromochloromethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Dibromomethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1-Dichloroethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1-Dichloroethene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,3-Dichloropropane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
2,2-Dichloropropane	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: Trip Blank
Project: Barelas Bridge
Collection Date:
Lab ID: 1903C33-007
Matrix: TRIP BLANK
Received Date: 3/26/2019 2:53:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Hexachlorobutadiene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
2-Hexanone	ND	10		µg/L	1	3/30/2019 4:03:38 AM	W58773
Isopropylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
4-Isopropyltoluene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
4-Methyl-2-pentanone	ND	10		µg/L	1	3/30/2019 4:03:38 AM	W58773
Methylene Chloride	ND	3.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
n-Butylbenzene	ND	3.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
n-Propylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
sec-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Styrene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
tert-Butylbenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
trans-1,2-DCE	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Trichlorofluoromethane	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Vinyl chloride	ND	1.0		µg/L	1	3/30/2019 4:03:38 AM	W58773
Xylenes, Total	ND	1.5		µg/L	1	3/30/2019 4:03:38 AM	W58773
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	3/30/2019 4:03:38 AM	W58773
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	3/30/2019 4:03:38 AM	W58773
Surr: Dibromofluoromethane	113	70-130		%Rec	1	3/30/2019 4:03:38 AM	W58773
Surr: Toluene-d8	96.9	70-130		%Rec	1	3/30/2019 4:03:38 AM	W58773

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

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1903C33**
02-Apr-19

Client: Western Technologies
Project: Barelas Bridge

Sample ID: **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/29/2019**	SeqNo: **1974643** 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								
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								

Qualifiers:

H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1903C33**
02-Apr-19

Client: Western Technologies
Project: Barelas Bridge

Sample ID: **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/29/2019**	SeqNo: **1974643** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.3		10.00		93.4	70	130			
Surr: Dibromofluoromethane	11		10.00		113	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/29/2019**	SeqNo: **1974647** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	19	1.0	20.00	0	94.5	70	130			
Chlorobenzene	19	1.0	20.00	0	96.7	70	130			

Qualifiers:

H Holding times for preparation or analysis exceeded
PQL Practical Quanitative Limit
S % Recovery outside of range due to dilution or matrix
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1903C33**

02-Apr-19

Client: Western Technologies

Project: Barelas Bridge

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/29/2019**	SeqNo: **1974647** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20	1.0	20.00	0	101	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	98.5	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.7	70	130			
Surr: 4-Bromofluorobenzene	9.2		10.00		92.3	70	130			
Surr: Dibromofluoromethane	11		10.00		110	70	130			
Surr: Toluene-d8	9.7		10.00		97.4	70	130			

Sample ID: **1903c33-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-4**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/30/2019**	SeqNo: **1974665** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Toluene	19	1.0	20.00	0	95.5	70	130			
Chlorobenzene	19	1.0	20.00	0	96.2	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	108	67.6	130			
Trichloroethene (TCE)	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130			
Surr: 4-Bromofluorobenzene	9.0		10.00		89.9	70	130			
Surr: Dibromofluoromethane	12		10.00		119	70	130			
Surr: Toluene-d8	9.8		10.00		98.1	70	130			

Sample ID: **1903c33-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-4**	Batch ID: **W58773**	RunNo: **58773**
Prep Date:	Analysis Date: **3/30/2019**	SeqNo: **1974666** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130	8.20	20	
Toluene	19	1.0	20.00	0	95.5	70	130	0.0534	20	
Chlorobenzene	19	1.0	20.00	0	95.2	70	130	1.05	20	
1,1-Dichloroethene	21	1.0	20.00	0	103	67.6	130	4.74	20	
Trichloroethene (TCE)	20	1.0	20.00	0	98.0	70	130	7.25	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130	0	0	
Surr: 4-Bromofluorobenzene	8.8		10.00		88.0	70	130	0	0	
Surr: Dibromofluoromethane	11		10.00		112	70	130	0	0	
Surr: Toluene-d8	10		10.00		101	70	130	0	0	

Qualifiers:

H	Holding times for preparation or analysis exceeded
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: WTI | Work Order Number: 1903C33 | RcptNo: 1

Received By: **Desiree Dominguez** 3/25/2019 2:53:00 PM DD

Completed By: **Desiree Dominguez** 3/26/2019 3:10:47 PM DD

Reviewed By: ENM 3/26/19

LB: YG 3/24/19

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? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: YG 3/24/19

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:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.6	Good	Not Present			

Chain-of-Custody Record

Client: WESTERN TECHNOLOGIES

Mailing Address: 8305 WASHINGTON PL NE
ALBUQUERQUE, NEW MEXICO

Phone #: 823-4488

email or Fax#: S.moggridge@wt-ws.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: BARELAS BRIDGE

Project #: 3288JV023

Project Manager: SEAN MOGGRIDGE

Sampler: SEAN MOGGRIDGE

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 5.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1903C33	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
3/26/19	1135	GW	MW-4	3x40mL	HgCl+Ice	-001								X		
3/26/19	1230	GW	MW-7	3x40mL	HgCl+Ice	-002								X		
3/26/19	1255	GW	VP-2	3x40mL	HgCl+Ice	-003								X		
3/26/19	1325	GW	MW-9	3x40mL	HgCl+Ice	-004								X		
3/26/19	1345	GW	MW-8	3x40mL	HgCl+Ice	-005								X		
3/26/19	1410	GW	VP-5	3x40mL	HgCl+Ice	-006								X		
			TRIP BLANK			-007										
			DAD 3/26/19													

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3/26/19	1453	SEAN MOGGRIDGE		CDO	3/26/19	14:53
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

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

APPENDIX D
Charts

Chart 1: Napthalene Concentrations (linear)
MW-8, MW-9, VP-2, VP-5: January 2000 to March 2019

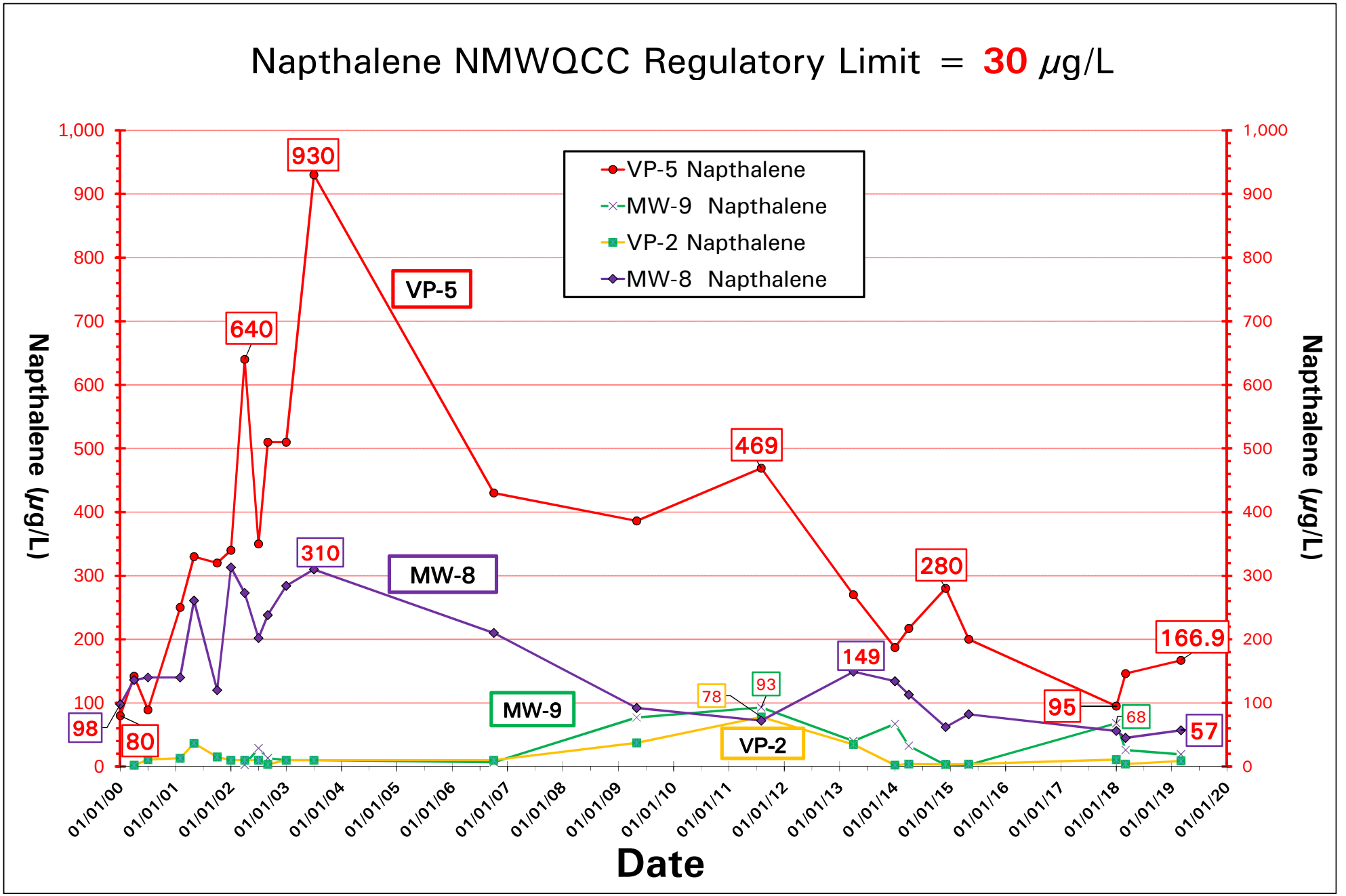


Chart 2: Napthalene Concentrations (logarithmic)
MW-8, MW-9, VP-2, VP-5: January 2000 to March 2019

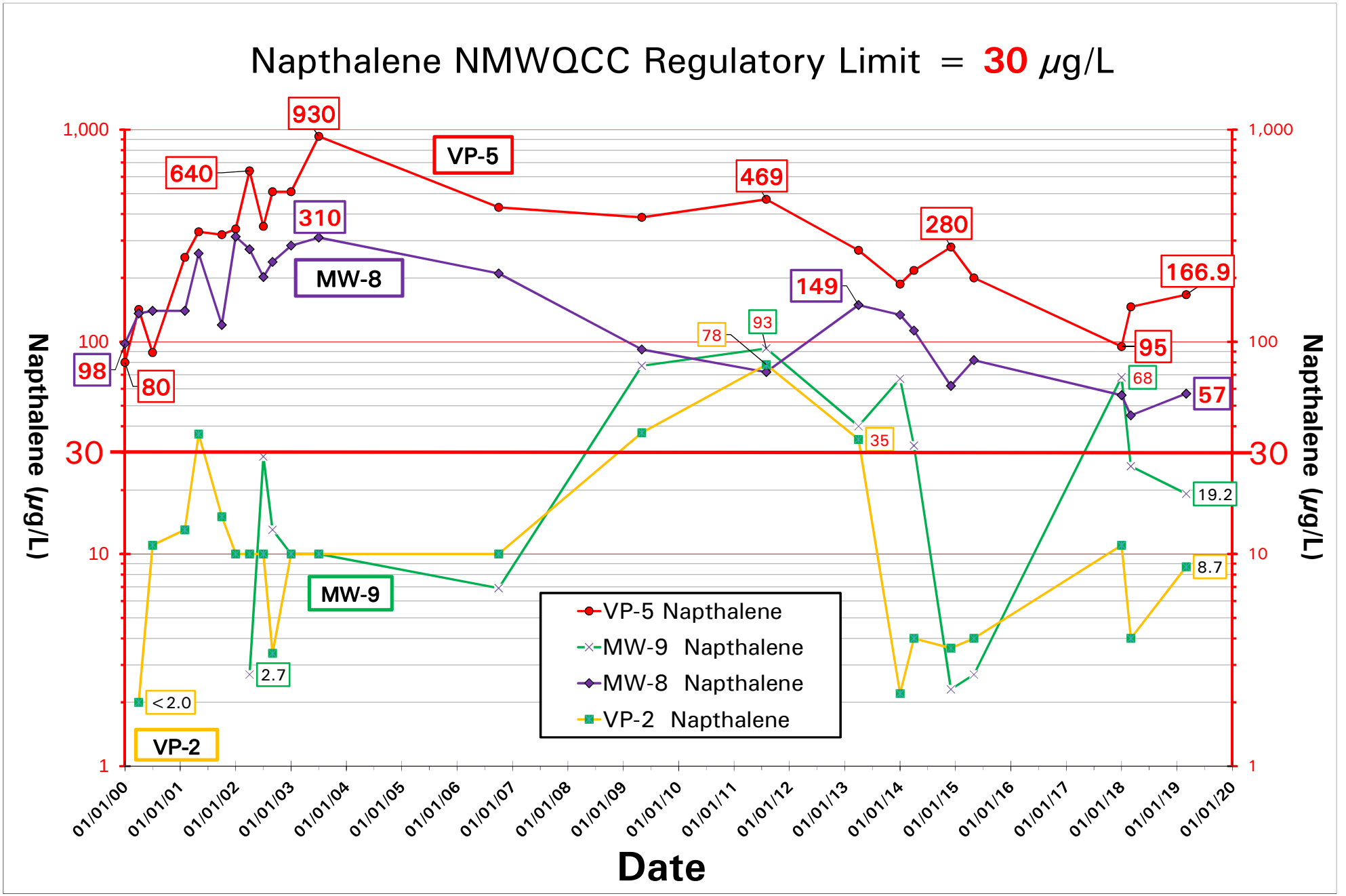
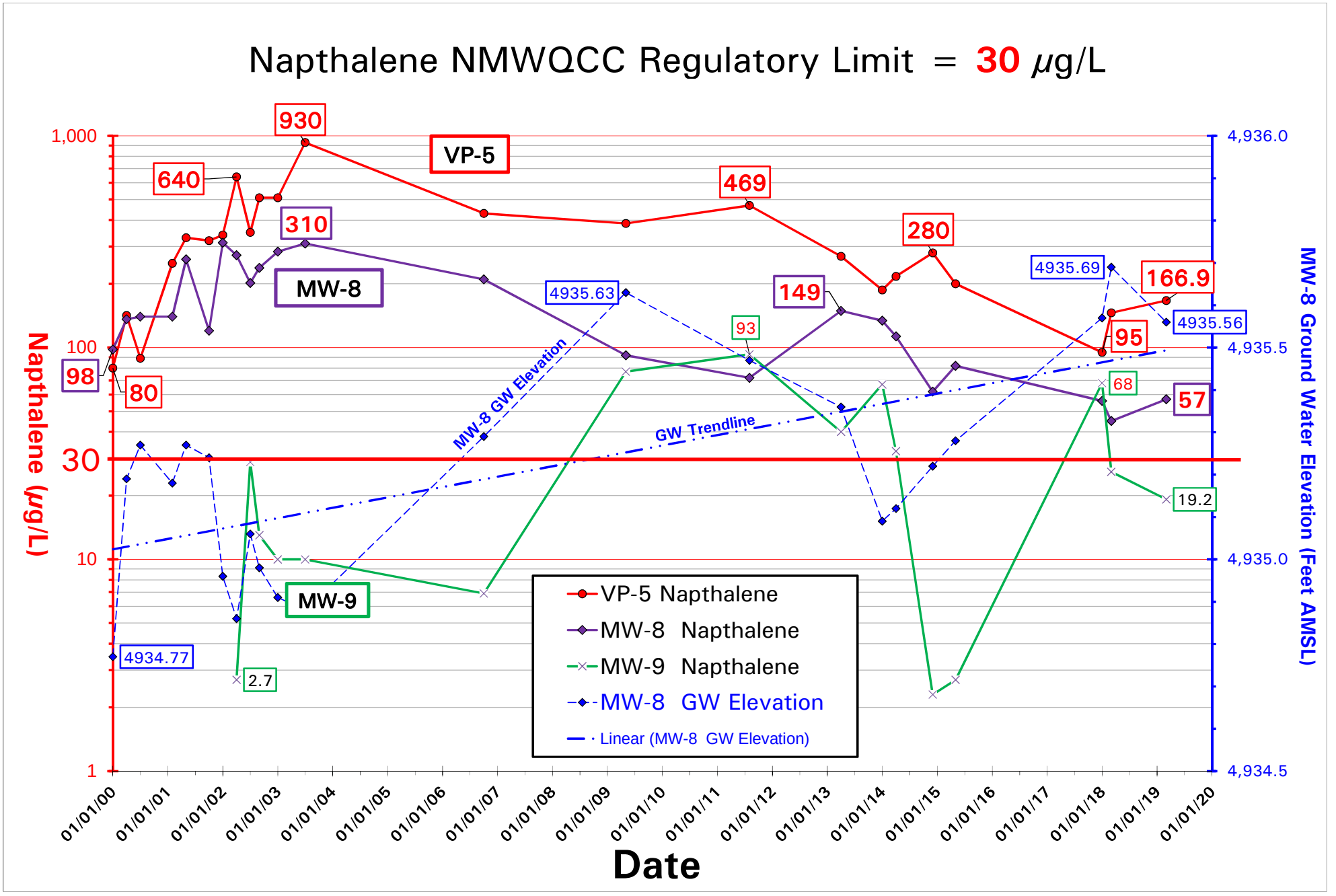


Chart 3: Napthalene Concentrations (logarithmic) MW-8, MW-9, and VP-5 versus MW-8 Ground Water Elevations: January 2000 to March 2019



APPENDIX E

Photographic Log
Consent for Access Agreements
Field Notes

Barelas Bridge: NMED PSTB Facility # 29854 Release ID #: 54
800 Bridge Boulevard SW, Albuquerque, New Mexico 87105
Photographic Log
WESTERN TECHNOLOGIES INC.

WT Job No.: 3288JV023 **Date: March 26, 2019**

Picture 1 - Looking south at Site.

Picture 2 - Looking west at Site.

Picture 3 - Looking south at MW-4 well vault in southeast corner of the Site.

Picture 4 - Looking down into MW-4 well vault.

Picture 5 - Looking north at MW-7 well vault. The sidewalk was built after MW-7 installed in 1990. The Site canopy is visible in the upper left corner.

Picture 6 - Looking down at MW-7 well vault. Well vault cap is loose on concrete.

WT Job No.: 3288JV023 **Date: March 26, 2019**

Picture 7 - Looking east at MW-8 well vault under Site canopy.

Picture 8 - Looking down into MW-8 well vault.

Picture 9 - Looking south at MW-9 well vault.

Picture 10 - Looking down into MW-9 well vault.

Picture 11 – Looking west at VP-2 well vault.

Picture 12 – Looking down into VP-2 well vault.

Barelas Bridge: NMED PSTB Facility # 29854 Release ID #: 54
800 Bridge Boulevard SW, Albuquerque, New Mexico 87105
Photographic Log
WESTERN TECHNOLOGIES INC.

WT Job No.: 3288JV023 **Date: March 26, 2019**

Picture 13 - Looking west at VP-5 well vault with AS-5 in background. This is a very high traffic area.

Picture 14 - Looking south at VP-5 well vault. The plugged and abandoned air sparge well (AS-5) is west of VP-5. Surface runoff water appears to infiltrate into the well vault from the depression.

Picture 15 - Looking down into VP-5 well vault before bailing out water. The well vault cover was difficult to remove because the well vault rim was curled over the well vault cover.

Picture 16 - Looking down into VP-5 well vault after bailing out water. WT believes that surface runoff water did not enter the well itself because the well cap appeared watertight.

CONSENT FOR ACCESS TO PROPERTY

Name of Property Owner: **Southwest Convenience Stores LLC (Parent: Delek US)**
Location of Property: **800 Bridge Boulevard SW, Albuquerque, New Mexico**

This is my consent to the New Mexico Environment Department (Department) and its authorized officers, employees, contractors, and representatives for access to the above-described Property for the following purposes:

Ground Water Monitoring and associated activities.

The Department or its representative will provide the Property Owner written or oral notice prior to each entrance onto Property. This notice shall be given to:

Representative: Scott Pfaff

Address: 2210 West 2nd
Odessa TX 79763

Telephone: 432-559-0112

Email: Scott.Pfaff@Delekus.com

Property Owner may observe activities on the Property, consistent with Occupational Health and Safety Regulations (see 29 CFR § 1910.120) and may split all samples collected at the Property. Property Owner is responsible for the provision of all equipment and accessories and for laboratory costs necessary to split samples.

Installations on the Property will be placed to minimize interference with the movement of vehicles and regular activities on the Property. Following completion of the project, the Department or its representative will properly abandon all wells, remove equipment, all materials, trash, fencing, and other associated items. The Department or its representative will otherwise return the property as close as possible to the pre-entrance condition.

This permission is given by me voluntarily with knowledge of my right to refuse and without coercion. I have had an opportunity to ask questions and all my questions have been answered to my satisfaction.

Signature-Property Owner

3-14-19
Date

CONSENT FOR ACCESS TO PROPERTY

Name of Property Owner: **Jorge Montes & Alba R Gonzales Solis**
Location of Property: **121 La Vega Drive SW, Albuquerque, New Mexico 87105**

This is my consent to the New Mexico Environment Department (Department) and its authorized officers, employees, contractors, and representatives for access to the above-described Property for the following purposes:

Ground Water Monitoring and associated activities.

The Department or its representative will provide the Property Owner written or oral notice prior to each entrance onto Property. This notice shall be given to:

Jorge Montes & Alba R Gonzales Solis
121 La Vega Drive SW
Albuquerque, New Mexico 87105

Telephone: 505 203 7117

Email: abagonzalez207@yahoo.com

Property Owner may observe activities on the Property, consistent with Occupational Health and Safety Regulations (see 29 CFR § 1910.120) and may split all samples collected at the Property. Property Owner is responsible for the provision of all equipment and accessories and for laboratory costs necessary to split samples.

Installations on the Property will be placed to minimize interference with the movement of vehicles and regular activities on the Property. Following completion of the project, the Department or its representative will properly abandon all wells, remove equipment, all materials, trash, fencing, and other associated items. The Department or its representative will otherwise return the property as close as possible to the pre-entrance condition.

This permission is given by me voluntarily with knowledge of my right to refuse and without coercion. I have had an opportunity to ask questions and all my questions have been answered to my satisfaction.

Alba Gonzalez
Signature-Property Owner

3/18/19
Date

Western Technologies Inc. • 8305 Washington Place, N.E. • Albuquerque NM 87113 • 505 823 4488

GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge
Project: 3288JV023
Date: March 23, 2019

Weather Conditions: Sunny, ~15°C slight breeze

Well ID MW-4
Sample ID _____

Well Diameter			
1/4"	(2")	4"	6"

Water Column Data

Depth to NAPL	–
Depth to Water	7.73
Depth to Bottom	21.50
Water Column Height	13.77

Well Vol. Conversion

1.25"	0.06 Gal/ft
2"	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s

1	2.20
2	4.40
3	6.60

Removed Root Ball @ 7.73

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1055	14.5	2.06	7.82	-70.3	480.4	0	turbid brown
1100	14.6	1.83	7.85	-64.3	358.2	2.25	turbid brown
1113	14.5	2.26	8.02	-44.9	362.2	4.50	turbid brown
1127	14.6	2.91	8.08	-60.9	366.9	6.75	slightly turbid brown

Sample Time 1135
Analytical Method 8260 B
Field filtered Y / N

Purge Equipment	Hurricane	(Bailer)	Foot Valve	Peristaltic Pump
Sampling Equipment	Hurricane	(Bailer)	Foot Valve	Peristaltic Pump

Sampler: SEAN MOGGRIDGE (print name)
Signature: Sean Moggridge

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GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge

Project: 3288JV023

Date: March 23, 2019

Weather Conditions: Sunny ~25°C slight breeze

Well ID MW-7

Sample ID MW-7

Well Diameter: 1/4" (2") 4" 6"

Water Column Data

Depth to NAPL	—
Depth to Water	7.79
Depth to Bottom	21.56
Water Column Height	13.77

Well Vol. Conversion

1.25"	0.06 Gal/ft
(2")	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s

1	2.20
2	4.40
3	6.60

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1217	15.1	1.65	8.12	-53.4	377.1	0	turbid brown
1221	15.0	1.98	8.04	-77.9	392.3	2.25	"
1223	15.1	2.15	8.06	-80.2	384.5	4.5	"
1227	15.3	1.70	8.09	-86.6	379.2	6.75	"

Sample Time 1230

Analytical Method 8260 B

Field filtered Y / N

Purge Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump

Sampling Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump

Sampler: Sean Noggrudge
(print name)

Signature: [signature]

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GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge

Project: 3288JV023

Date: March 23, 2019

Weather Conditions:

Well ID VP-2

Sample ID

Well Diameter
1/4" (2") 4" 6"

Water Column Data

Depth to NAPL -

Depth to Water 8.14

Depth to Bottom 12.82

Water Column Height 4.68

Well Vol. Conversion

1.25"	0.06 Gal/ft
2"	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s

1 .75
2 1.50
3 2.25

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1245	15.3	1.71	7.85	-88.0	438.1	0	Turbid brown, sewage odor.
1247	14.8	1.80	7.79	-122.1	451.5	.75	"
1249	14.7	2.25	7.76	-133.6	483.0	1.50	"
1251	14.7	1.91	7.86	-132.5	470.5	2.25	"

Sample Time 1255

Analytical Method 8260B

Field filtered Y / N

Purge Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump

Sampling Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump

Sampler: Sean McNicholas
(print name)

Signature: [signature]

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GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge
Project: 3288JV023
Date: March 23, 2019

Weather Conditions: Sunny, 25°C, light breeze

Well ID MW-9
Sample ID MW-9

Well Diameter			
1/4"	(2")	4"	6"

Water Column Data

Depth to NAPL	–
Depth to Water	8.48
Depth to Bottom	19.27
Water Column Height	10.79

Well Vol. Conversion	
1.25"	0.06 Gal/ft
(2")	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s	
1	1.73
2	3.45
3	5.18

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1300	15.5	1.37	7.77	-116.9	361.5	0	Clear, small black particles
1313	15.4	1.63	7.47	-124.6	379.5	1.75	turbid brown, weathered HC odor
1317	15.4	2.25	7.64	-111.3	385.6	3.5	"
1325	15.5	1.99	7.80	-105.9	379.2	5.25	"

Sample Time 1325
Analytical Method 8260B

~~Field filtered~~ Y / N

Purge Equipment	Hurricane	~~Bailer~~	Foot Valve	Peristaltic Pump
Sampling Equipment	Hurricane	(Bailer)	Foot Valve	Peristaltic Pump

Sampler: SEAN MCGUIRE (print name)

Signature: Sean McGuire

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GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge
Project: 3288JV023
Date: March 23, 2019

Weather Conditions: Sunny, 25°C, light breeze

Well ID MW-8
Sample ID MW-8

Well Diameter			
1/4"	(2")	4"	6"

Water Column Data

Depth to NAPL	—
Depth to Water	9.03
Depth to Bottom	13.27
Water Column Height	4.24

Well Vol. Conversion

1.25"	0.06 Gal/ft
2"	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s

1	0.68
2	1.36
3	2.04

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1337	15.2	1.70	8.33	-189.5	461.6	0	Clear, black Particles, HC odor
1339	14.8	1.78	8.24	-192.9	431.7	0.75	"
1341	14.6	1.80	8.21	-190.7	454.8	1.5	Clear, black Particles, HC odor, Sheen
1342	14.5	1.59	8.19	-198.0	442.2	2.25	Clear, black Particles, HC odor, Trace Sheen

Sample Time 1345
Analytical Method 8260 B
Field filtered ~~Y/N~~

Purge Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump
Sampling Equipment Hurricane (Bailer) Foot Valve Peristaltic Pump

Sampler: Sean Muggeridge (print name)
Signature: Sean Muggeridge

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GROUND WATER MONITORING FIELD LOG

Site: Barelas Bridge
Project: 3288JV023
Date: March 23, 2019

Weather Conditions: Sunny ~25°C breezy

Well ID VP-5
Sample ID VP-5

Well Diameter			
1/4"	(2")	4"	6"

Water Column Data

Depth to NAPL	-
Depth to Water	7.84
Depth to Bottom	12.45
Water Column Height	4.61

Well Vol. Conversion

1.25"	0.06 Gal/ft
(2")	0.16 Gal/ft
4"	0.65 Gal/ft
6"	1.47 Gal/ft

Well Vol.s

1	.74
2	1.48
3	2.22

Ground Water Quality Data

Time	Temp (°C)	RDO (mg/L)	pH	ORP (mV)	S. Cond (ÂµS/cm)*	Volume (US Gal)	Observations
1358	14.3	1.53	7.73	-114.2	650.0	0	Clear, HC odor
1400	13.7	1.25	7.62	-122.9	591.0	.75	Slightly turbid black, black particles, HC odor
1401	13.7	1.66	7.68	-115.1	512.6	1.50	turbid black, black particles, HC odor
1403	13.9	1.90	7.70	-121.1	494.4	2.25	"

Sample Time 1410
Analytical Method 8260 B

~~**Field filtered**~~ Y / N

Purge Equipment	Hurricane	(Bailer)	Foot Valve	Peristaltic Pump
Sampling Equipment	Hurricane	(Bailer)	Foot Valve	Peristaltic Pump

Sampler: Sean Meyerridge (print name)

Signature: Sean Meyerridge

APPENDIX F

Physical Setting Report
(Electronic Only)

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		20180719121p
Date Completed:		July 20, 2018
Project Number:		3288PO0717
Project Property:		3288JV023 - Barelas 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

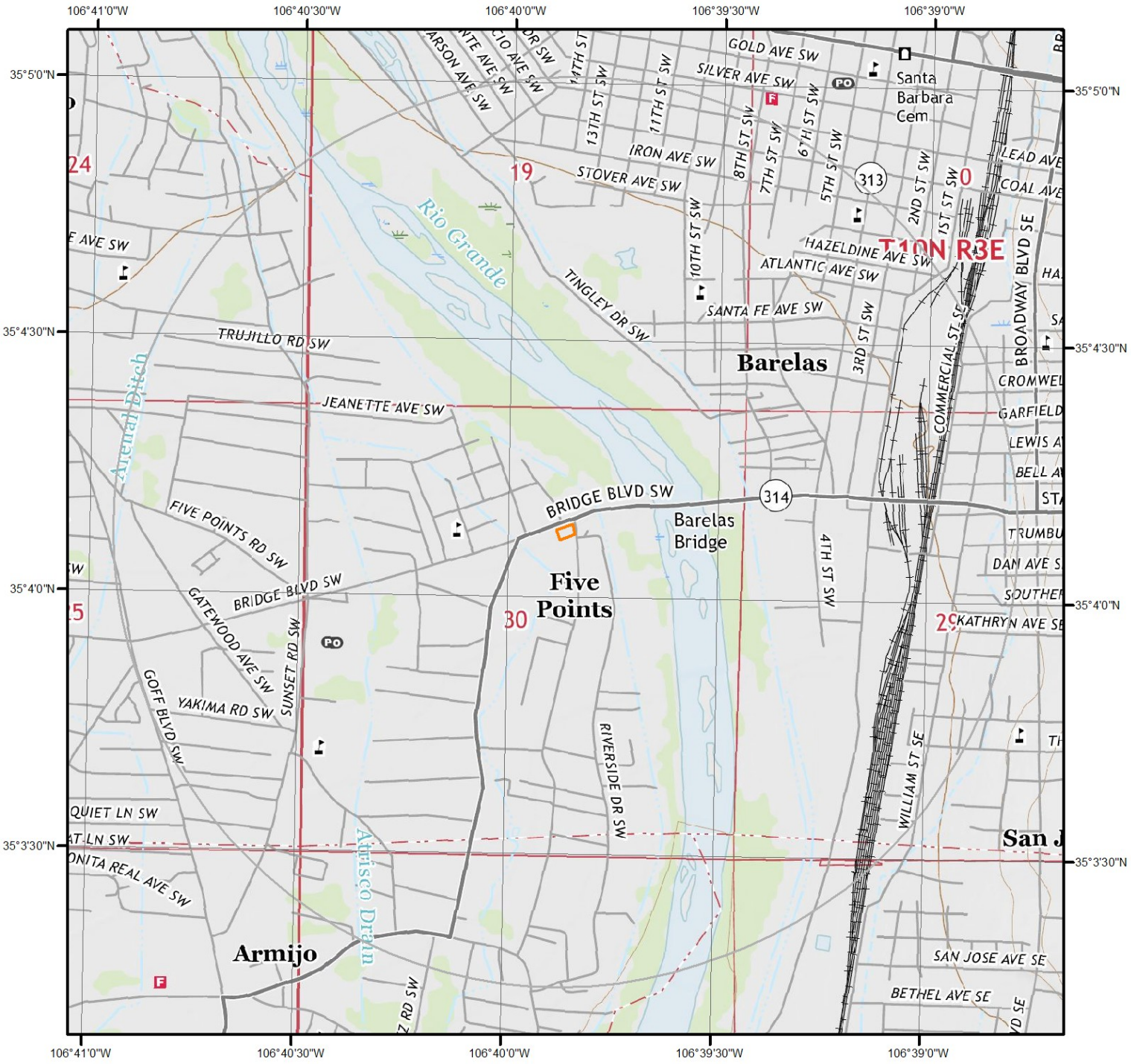
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas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

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Albuquerque West,NM

Source: USGS 7.5 Minute Topographic Map

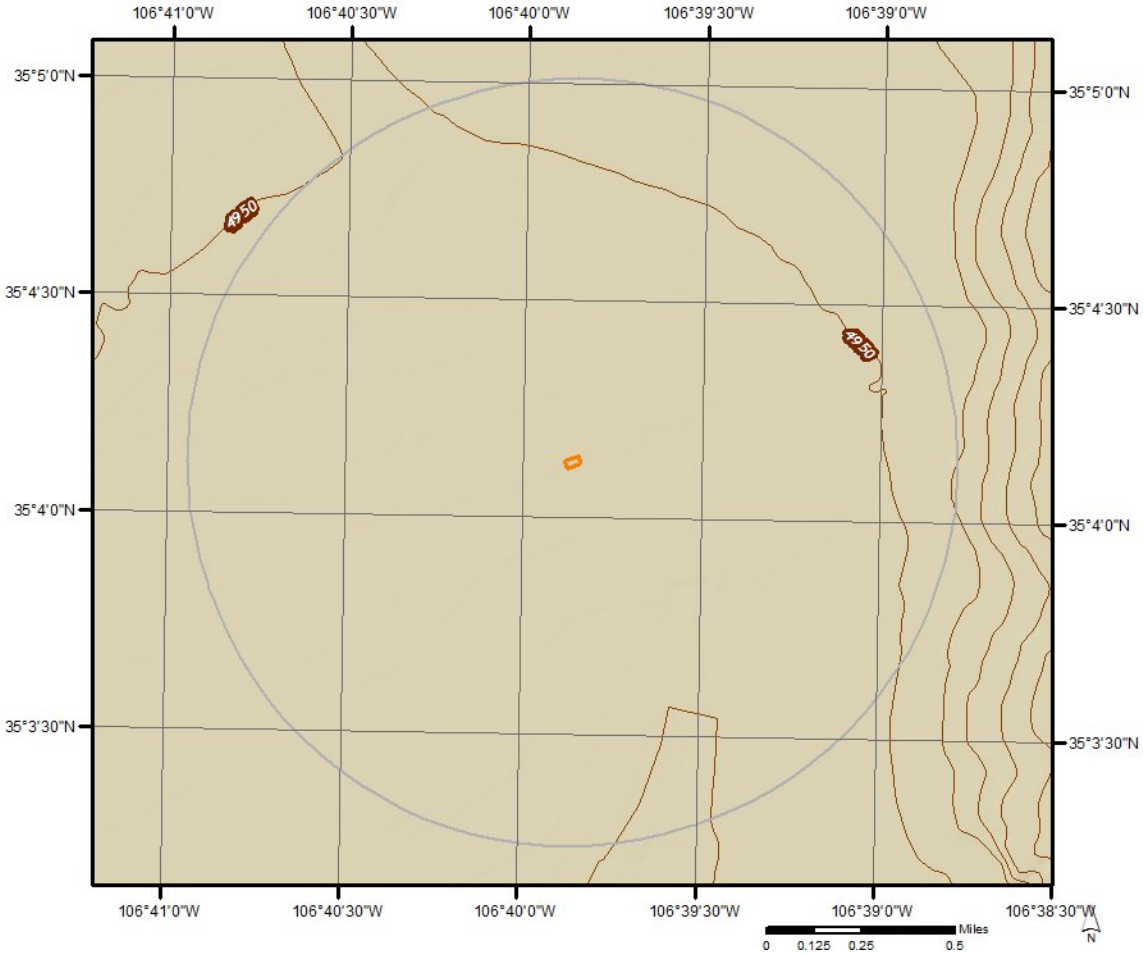
ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Information

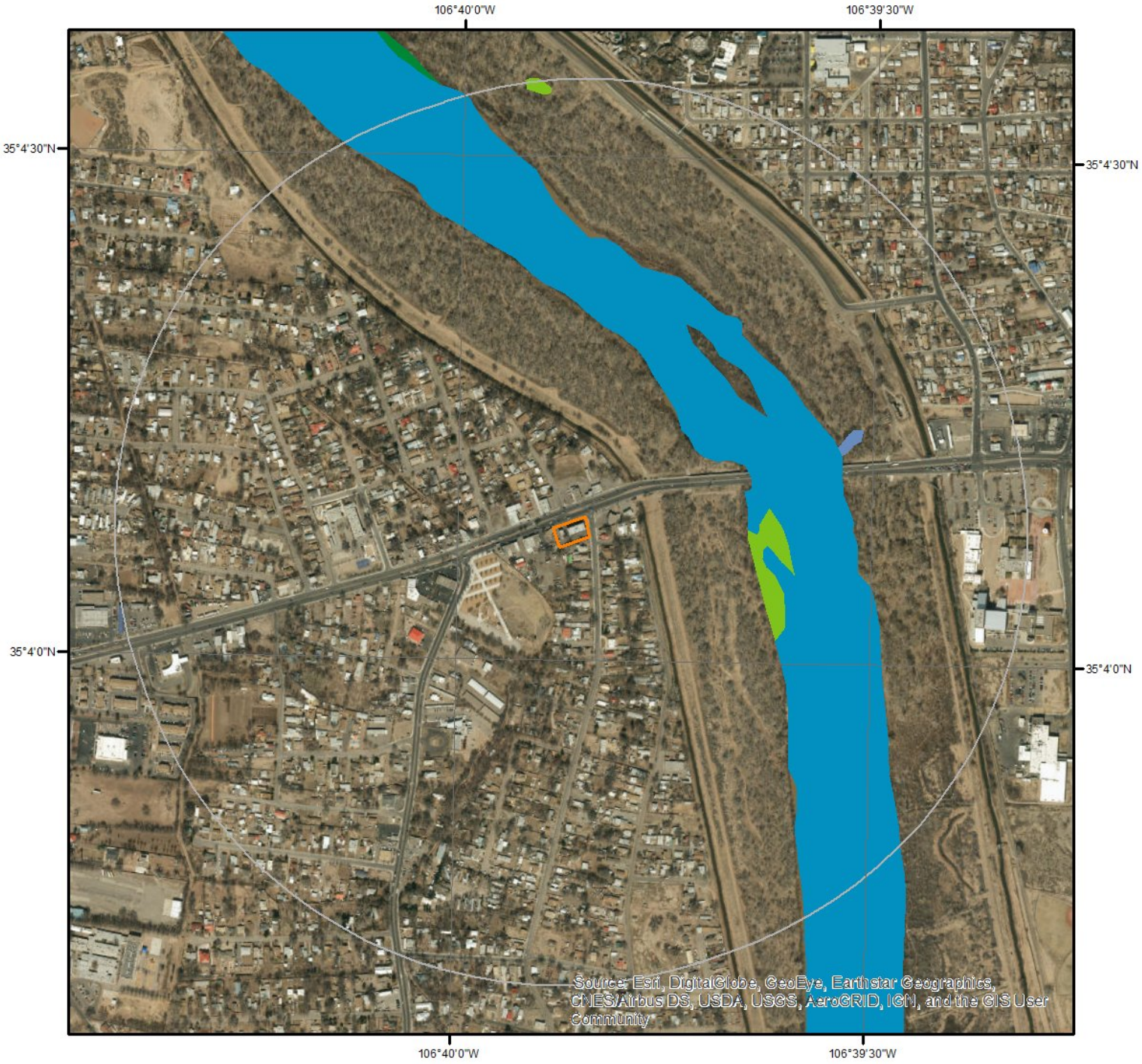
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	4,944.68 ft
Slope Direction:	S



Hydrologic Information



Wetland

0 0.075 0.15 0.3 Miles

N

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

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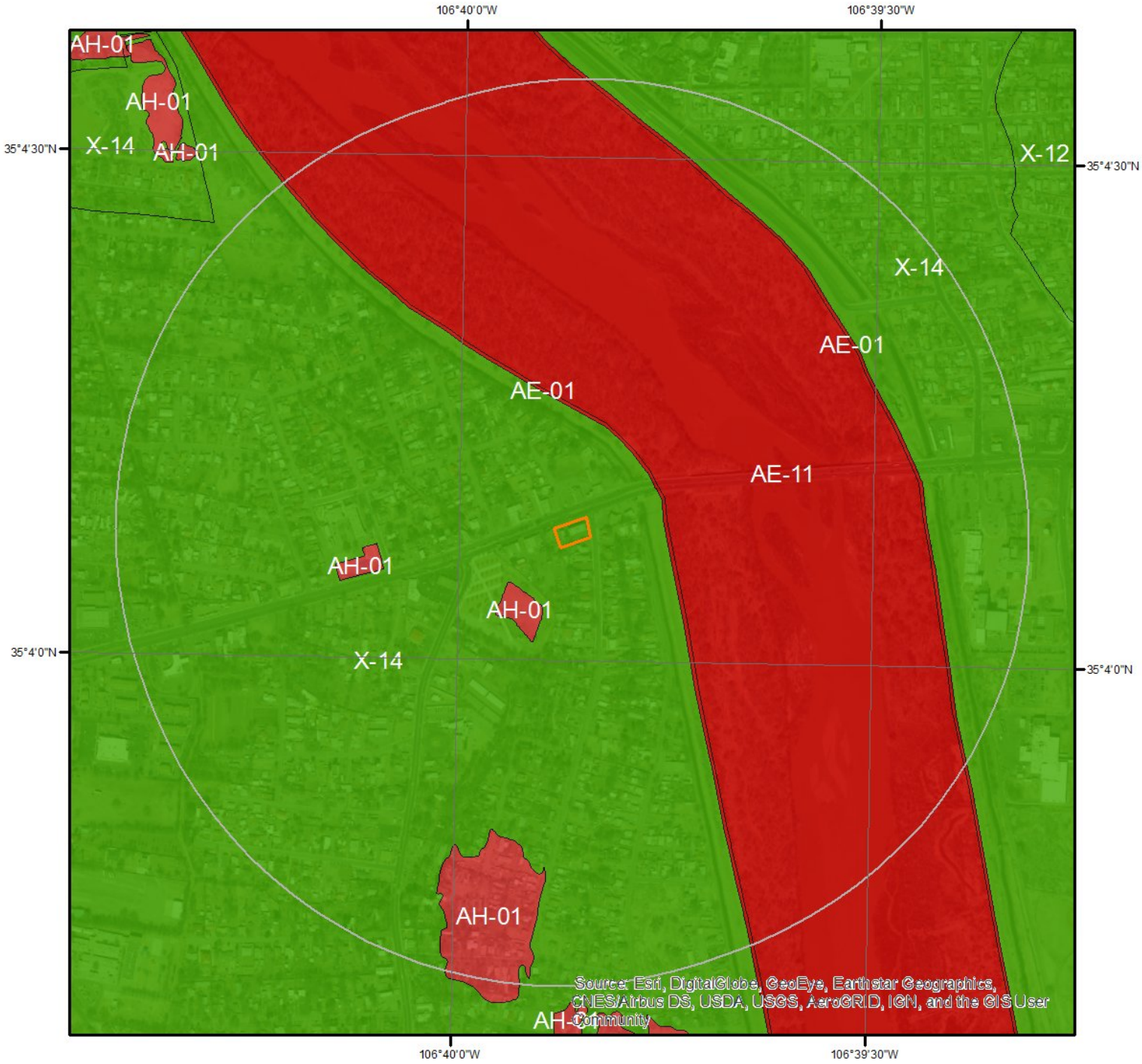
ENVIRONMENTAL RISK INFORMATION SERVICES

Hydrologic Information



Flood Hazard Zones

Miles
0 0.1 0.2

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

N

35001C0334G
35001C0333H
35001C0341G

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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 subtye:	

Flood Zone AE-11

Zone:	AE
Zone subtye:	FLOODWAY

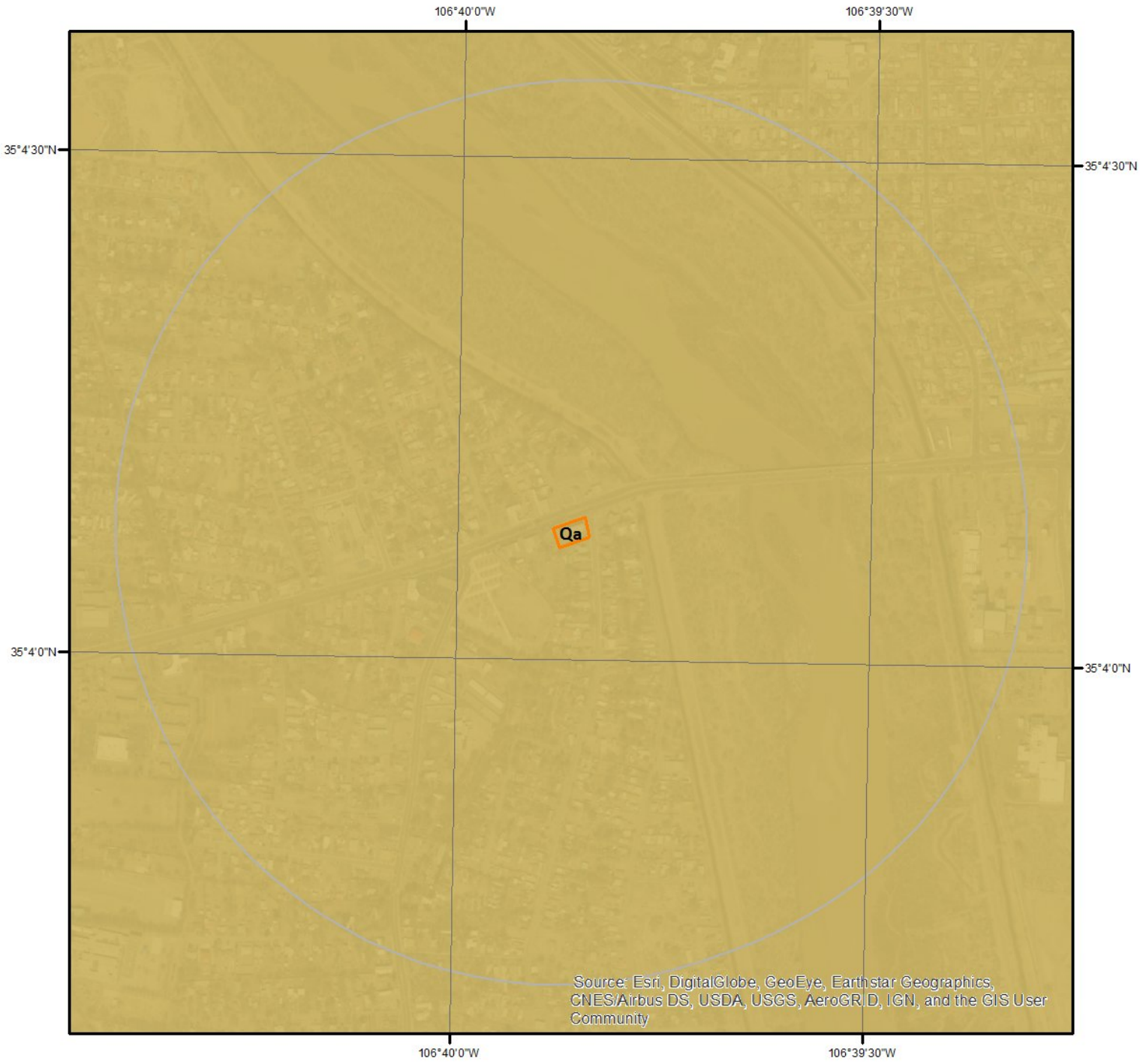
Flood Zone AH-01

Zone:	AH
Zone subtye:	

Flood Zone X-14

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

Geologic Information



0 0.175 0.35 Miles N

Geologic Units

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

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ENVIRONMENTAL RISK INFORMATION SERVICES

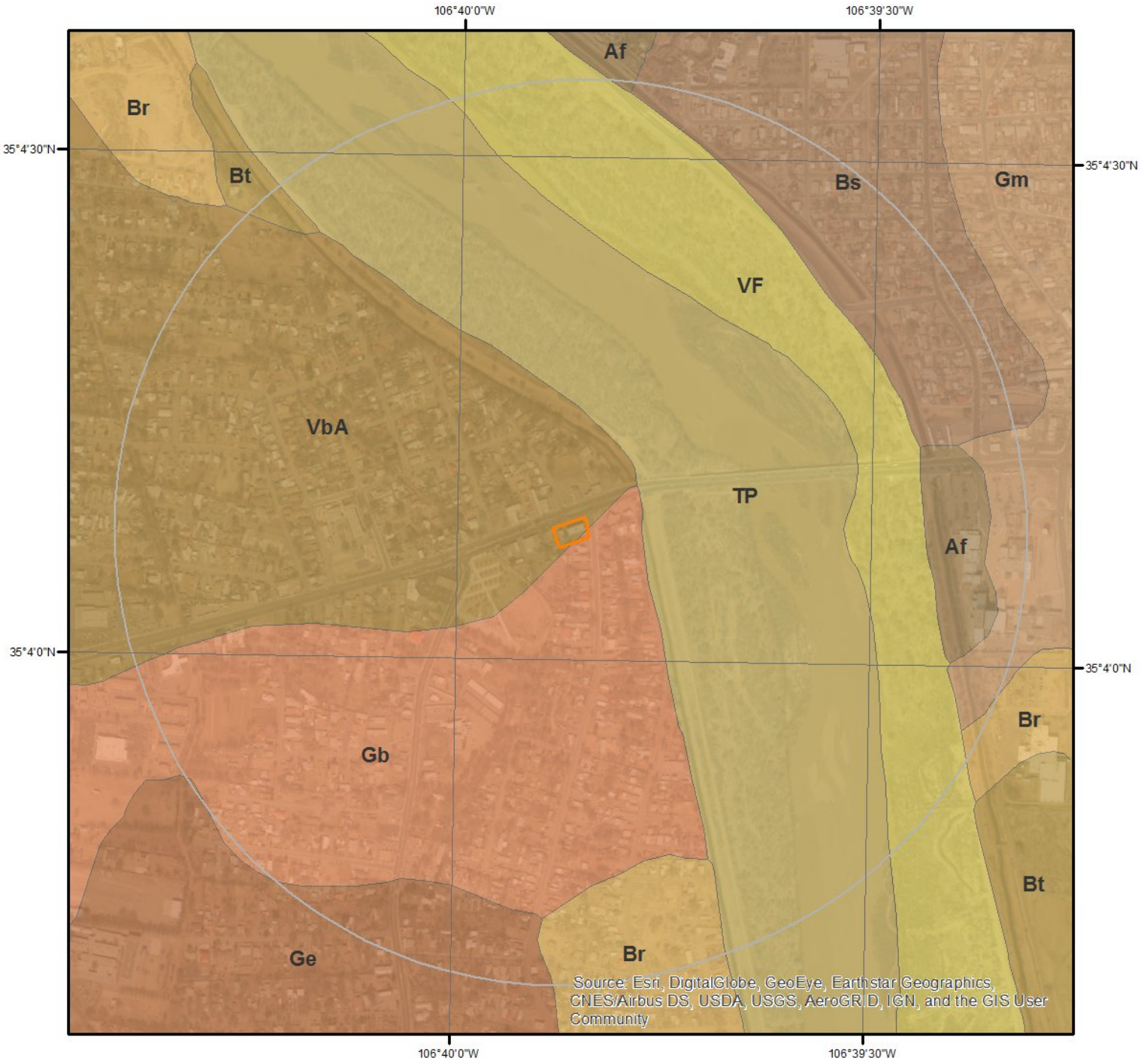
Geologic Information

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

0 0.175 0.35 Miles

N

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

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

	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

Wells & Additional Sources

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

N

0 0.15 0.3 0.6 Miles

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

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		

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

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

Wells and Additional Sources Detail Report

Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	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
30	SSW	0.71	3,757.69	4,943.65	SDWIS

PWS ID:	NM3597901	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-OCT-79	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-OCT-79	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:	OLIVER'S BAR & RESTAURANT
Is Source Ind:	Yes	Phone No:	505-877-9852
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

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	Srvc Cnctn Cnt:	1
Outstnding 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 Qrtr:	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	Srvc Cnctn Cnt:	1
Outstnding 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 Qrtr:	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

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	Srvc Cnctn Cnt:	1
Outstnding 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 Qrtr:	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: -

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

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:			

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.		

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

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.		

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

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:			

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.		

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

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.		

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

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:			

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.		

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

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.		

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

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:			

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.		

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

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.		

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

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:			

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.		

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

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.		

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

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:			

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.		

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

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	Interpolated from MAP.		

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

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		

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		

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
Organiz Name: USGS New Mexico Water Science Center
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Construction Date: 1940
Source Map Scale: 24000
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
Formation Type:
Aquifer Name:
Aquifer Type:
Country Code: US
Provider Name: NWIS
County: BERNALILLO
Latitude: 35.0619916
Longitude: -106.6508586

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

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		

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.

Appendix

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.

Appendix

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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