Semi-Annual Ground Water Monitoring
June 2021

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
121 Tijeras Avenue NE, Suite 1000
Albuquerque, New Mexico 87102

July 14, 2021

David C. Wagner

David C. Wagner
Senior Environmental Scientist

Timothy J. Miller

Timothy J. Miller
Environmental Project Manager

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July 14, 2021

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

Attn: Corey Jarrett, Geoscientist

Re: Semi-Annual Ground Water Monitoring (June 2021) **Job No. 3288JV023**
Barelas Bridge
800 Bridge Boulevard SW
Albuquerque, New Mexico 87105

Facility #: 29854 **Release ID #: 54** **WPID #: 4189-1**

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 January 20, 2020. The NMED PSTB workplan approval letter was dated May 18, 2021.

The only divergence from the approved workplan was that three well volumes could not be purged from MW-4 because of tree root blockage near the water table. WT obtained enough MW-4 ground water for laboratory analysis.

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 (June 2021)
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
   121 Tijeras Avenue NE, Suite 1000
   Albuquerque, New Mexico 87102

4. **Facility number:** 29854
5. **Address/legal description:**
   800 Bridge Boulevard SW, Albuquerque, New Mexico 87105
6. **Author/consulting company:** David C. Wagner/Western Technologies Inc.
7. **Date of report:** July 14, 2021
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: July 14, 2021

I. INTRODUCTION:

A. Scope of work: WPID #: 4189-1 and Site History

The following tasks were detailed in a WT workplan dated January 20, 2020. The NMED PSTB approval letter was dated May 18, 2021. 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 #: 4189-1.

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. Field Notes are presented in Appendix E.

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

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

Site History

The Site was 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 along the southern Site boundary was excavated and removed in October 1989.

[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

During the October 1989 excavation activities, an approximate 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 May 2003. The resident of 147 La Vega SW would not allow WT personnel to search for MW-1 and asked WT personnel to leave.

- Two ground water monitoring events were conducted in October 2006 and May 2009 by an unknown State Lead consultant. The data was summarized by the following State Lead consultant, Intera Geoscience and Engineering Solutions (Intera).

- Intera conducted eight ground water monitoring events between April 2014 and March 2018.

- WT conducted two ground water monitoring events in March and September 2019. The 8.24-foot deep MW-1 was last located in January 2000 and was dry. WT attempted to locate MW-1 with magnetic locator on September 23, 2019. WT could not locate MW-1 in the driveway of 147 La Vega SW because WT believed that MW-1 was destroyed.

B. Monitoring Event Highlights:

The only divergence from the approved workplan was that three well volumes could not be purged from MW-4 because of tree root blockage near the water table. WT obtained enough MW-4 ground water for laboratory analysis.

Total naphthalene exceeded the NMWQCC regulatory limit of 30 μg/L in VP-5, MW-8, and MW-9, while all other EPA Method 8260B List compounds below NMWQCC regulatory limits. Laboratory EPA Method 8260B analytical results for MW-4, MW-7, and VP-2 were below applicable 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. The remediation system was decommissioned in 2003.

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

Not applicable.

C. Monitoring activities performed.

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

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

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

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

All of the ground water samples collected were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Each ground water sample was 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 7.59 feet below top of casing (MW-4) to 8.91 feet below top of casing (MW-8) during this monitoring event (see Table 1, Ground Water Elevation Data).

Ground water elevations ranged from 4535.75 feet (VP-5) to 4535.13 feet (VP-2) above mean sea level (MSL). The average ground water elevations decreased 0.03 feet since the previous ground water monitoring event of September 2019. The gradient was 0.002 ft./ft. The essentially flat ground water gradient observed during this ground water monitoring event was generally to the south-southeast (see Figure 2, Site Plan and Ground Water Contour Map).

Based on the results of the EPA Method 8260B laboratory analysis, total BTEX concentrations ranged from below the respective laboratory Practical Quantitation Limits (PQLs) to 18.2 micrograms per liter (μg/L) (MW-8) during this monitoring event (see Table 3, Summary of Water Sample Analytical Test Results). Other EPA Method 8260B List compounds were detected during this monitoring event (see Table 4, Current Water Sample Analytical Test Results: Volatile Organic Analysis by EPA Method 8260). Historically, all EPA Method 504.1 results for EDB were below the PQL of 0.010 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 exception of total naphthalenes (see Figure 3, Dissolved Petroleum Hydrocarbon Concentration Map).

Total naphthalene concentrations in VP-5, MW-8, and MW-9, exceeded the NMWQCC regulatory limit of 30 μg/L for total naphthalenes. Total naphthalene concentration contours are presented on Figure 4, Dissolved Total Naphthalenes Concentration Contour Map. The total naphthalenes ground water contamination plume is undefined to the east and north. North was up-gradient and west was cross gradient. Note that the plugged and abandoned VP-6 was non-detect for total naphthalenes for 11 consecutive monitoring events between January 2000 and January 2003.

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

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

Chart 2: Naphthalene Concentrations (logarithmic): MW-8, MW-9, VP-2, VP-5: January 2000 to June 2021, illustrates the naphthalene concentrations over time. The VP-5, and MW-8 naphthalene concentrations exceeded the NMWQCC regulatory limit of 30 μg/L between 2000 and the date of this report. The MW-9 and VP-2 naphthalene concentrations occasionally exceeded the NMWQCC regulatory limit. The MW-9 naphthalene concentration last exceeded the NMWQCC regulatory limit in June 2021.

Significant naphthalene concentrations versus ground water elevation is illustrated by Chart 3: Naphthalene Concentrations (logarithmic) MW-8, MW-9, and VP-5 versus MW-8 Ground Water Elevations: January 2000 to June 2021. 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 0.85 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 north. North was up-gradient. The plugged and abandoned VP-6 defined the contamination plume to the west. VP-6 was non-detect for total naphthalenes for 11 consecutive monitoring events between January 2000 and January 2003.

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

III. SUMMARY AND CONCLUSIONS:

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

Ground Water Data

The ground water table was always less than 10 feet below ground surface. Historical data indicates the average ground water elevation increased 0.85 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, MW-8, and MW-9. 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.

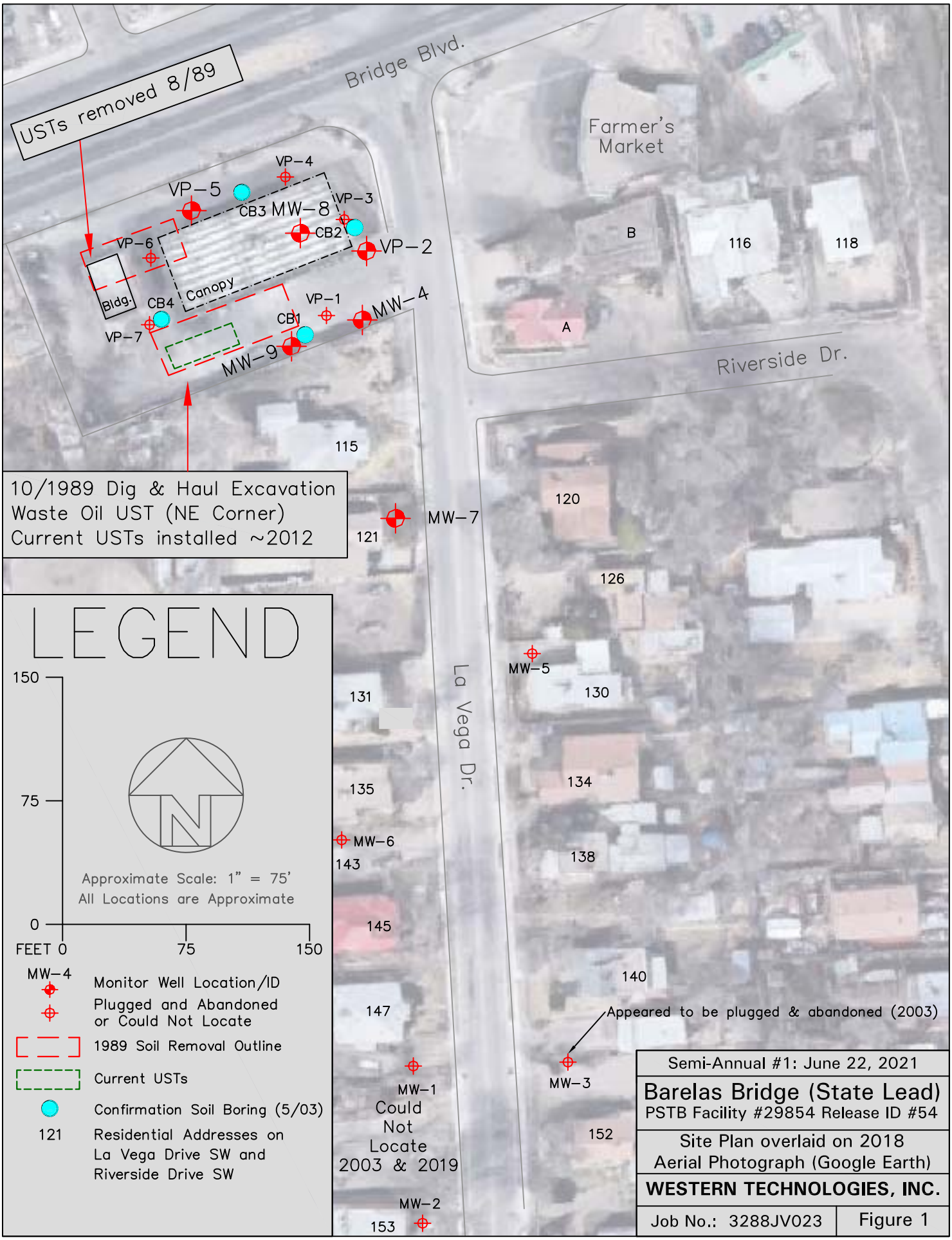
Not applicable.

C. Recommendations.

- WT recommends continued semi-annual ground water monitoring at the site.
- WT recommends ground water remediation because 20 years of data indicate that natural attenuation was not effective for total naphthalenes.
- WT recommend installing a monitor well, north of VP-5, to delineate the total naphthalenes plume.

APPENDIX A

Figures



Semi-Annual #1: June 22, 2021

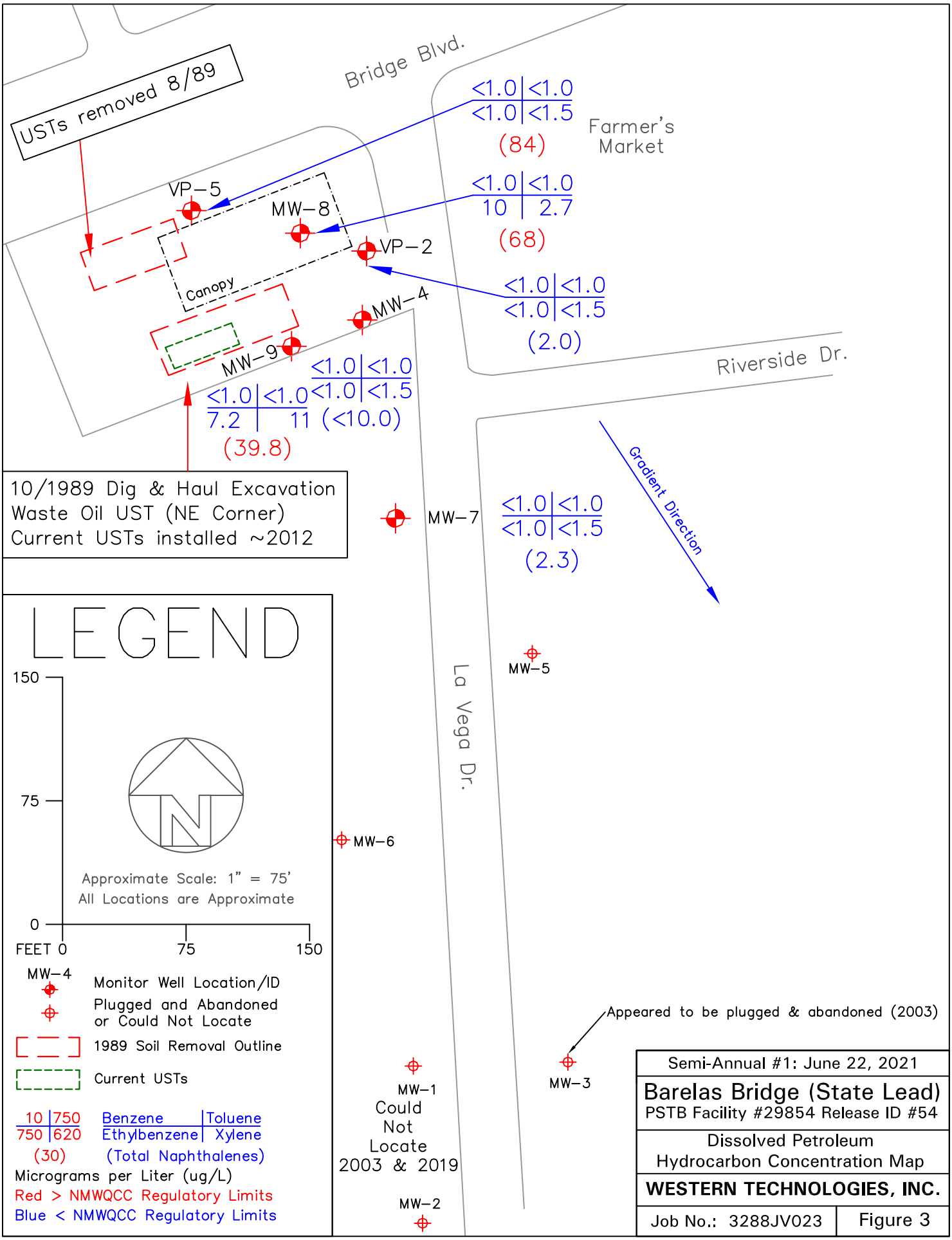
Barelas Bridge (State Lead)

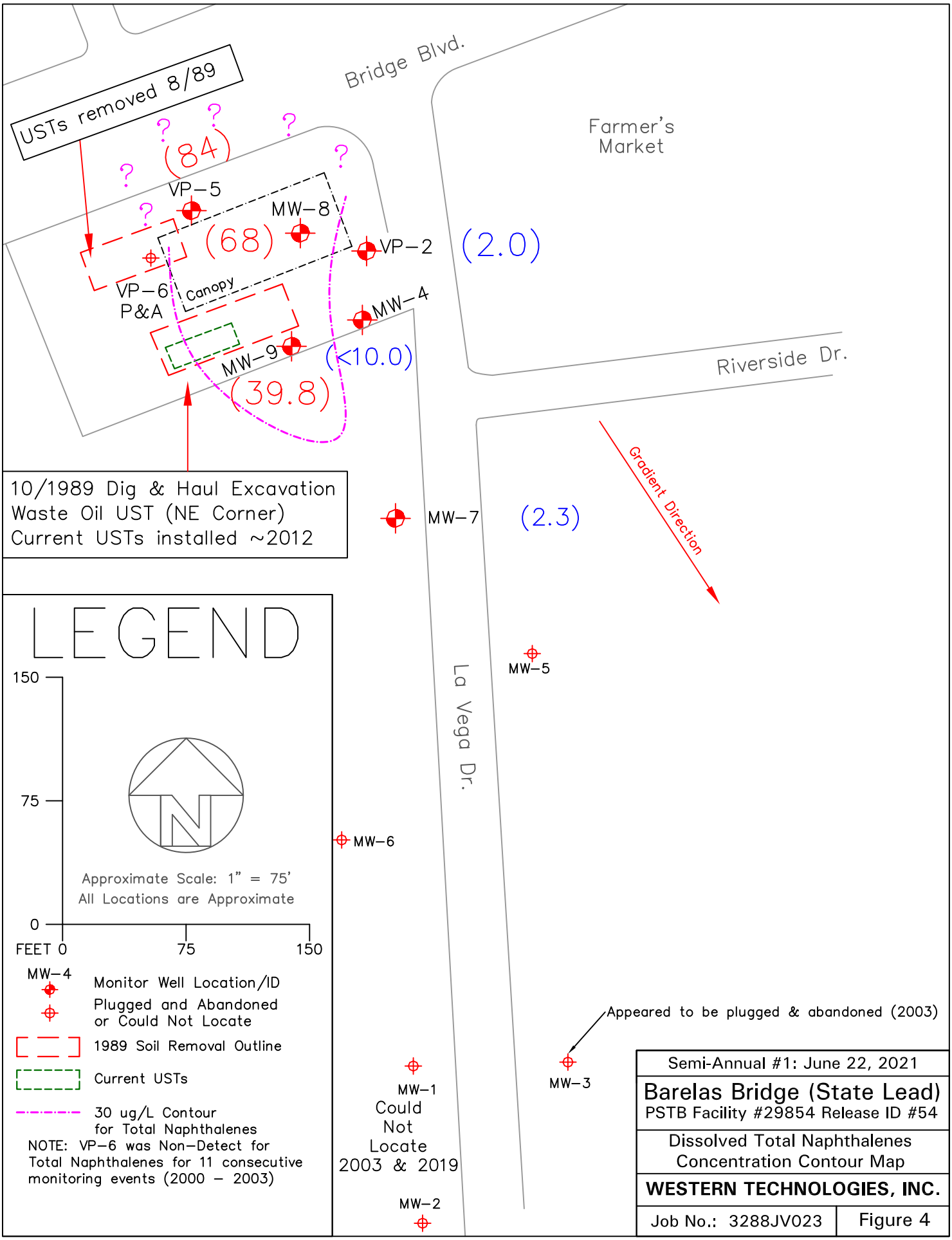
PSTB Facility #29854 Release ID #54

Site Plan overlaid on 2018 Aerial Photograph (Google Earth)

WESTERN TECHNOLOGIES, INC.

Job No.: 3288JV023 | Figure 1


USTs removed 8/89
Bridge Blvd.
Farmer's Market
Riverside Dr.
La Vega Dr.
Gradient Direction
VP-5
MW-8
VP-2
Canopy
MW-4
MW-9
MW-7
MW-5
MW-6
MW-1
MW-2
MW-3
<1.0 | <1.0
<1.0 | <1.5
(84)
<1.0 | <1.0
10 | 2.7
(68)
<1.0 | <1.0
<1.0 | <1.5
(2.0)
<1.0 | <1.0
<1.0 | <1.5
7.2 | 11 (<10.0)
(39.8)
<1.0 | <1.0
<1.0 | <1.5
(2.3)
10/1989 Dig & Haul Excavation
Waste Oil UST (NE Corner)
Current USTs installed ~2012
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
10 | 750
750 | 620
(30)
Benzene | Toluene
Ethylbenzene | Xylene
(Total Naphthalenes)
Micrograms per Liter (ug/L)
Red > NMWQCC Regulatory Limits
Blue < NMWQCC Regulatory Limits
Appeared to be plugged & abandoned (2003)
MW-1
Could Not Locate
2003 & 2019
Semi-Annual #1: June 22, 2021
Barelas Bridge (State Lead)
PSTB Facility #29854 Release ID #54
Dissolved Petroleum Hydrocarbon Concentration Map
WESTERN TECHNOLOGIES, INC.
Job No.: 3288JV023
Figure 3



Semi-Annual #1: June 22, 2021

Barelas Bridge (State Lead)

PSTB Facility #29854 Release ID #54

Dissolved Total Naphthalenes Concentration Contour Map

WESTERN TECHNOLOGIES, INC.

Job No.: 3288JV023 | 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	**06/22/21**	4943.23	20.70	4922.53	7.57	13.13	4935.66
	09/23/19	4943.23	20.70	4922.53	7.59	13.11	4935.64
	03/26/19	4943.23	20.70	4922.53	7.73	12.97	4935.50
	03/06/18	4943.23	20.70	4922.53	7.57	13.13	4935.66
	01/12/18	4943.23	20.70	4922.53	7.75	12.95	4935.48
	05/19/15	4943.23	20.70	4922.53	7.82	12.88	4935.41
	12/02/14	4943.23	20.70	4922.53	8.09	12.61	4935.14
	04/09/14	4943.23	20.70	4922.53	8.16	12.54	4935.07
	01/30/14	4943.23	20.70	4922.53	8.20	12.50	4935.03
	04/02/13	4943.23	20.70	4922.53	7.91	12.79	4935.32
	05/08/09	4943.23	20.70	4922.53	7.67	13.03	4935.56
	10/04/06	4943.23	20.70	4922.53	8.02	12.68	4935.21
	07/17/03	4943.23	20.70	4922.53	8.45	12.25	4934.78
	01/10/03	4943.23	20.70	4922.53	8.35	12.35	4934.88
	09/24/02	4943.23	20.70	4922.53	8.33	12.37	4934.90
	07/03/02	4943.23	20.70	4922.53	8.30	12.40	4934.93
	04/01/02	4943.23	20.70	4922.53	8.48	12.22	4934.75
	01/03/02	4943.23	20.70	4922.53	8.43	12.27	4934.80
	10/01/01	4943.23	20.70	4922.53	8.00	12.70	4935.23
	05/29/01	4943.23	20.70	4922.53	8.08	12.62	4935.15
	02/06/01	4943.23	20.70	4922.53	8.19	12.51	4935.04
	07/27/00	4943.23	20.70	4922.53	9.04	11.66	4934.19
	04/26/00	4943.23	20.70	4922.53	9.16	11.54	4934.07
	01/26/00	4943.23	20.70	4922.53	8.65	12.05	4934.58
	01/06/00	4943.23	20.70	4922.53	8.51	12.19	4934.72
	03/07/96	4943.23	20.70	4922.53	8.48		4934.75

Barelas Bridge Site
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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: 7.0'-22.0' (Reported)				
MW-7	**06/22/21**	4942.94	21.56	4921.38	7.71	13.85	4935.23
	09/23/19	4942.94	21.56	4921.38	7.70	13.86	4935.24
	03/26/19	4942.94	21.56	4921.38	7.79	13.77	4935.15
	03/06/18	4942.94	21.45	4921.49	7.63	13.82	4935.31
	01/12/18	4942.94	21.45	4921.49	7.78	13.67	4935.16
	05/19/15	4942.94	21.45	4921.49	7.91	13.54	4935.03
	12/02/14	4942.94	21.45	4921.49	8.10	13.35	4934.84
	08/13/11	4942.94	21.45	4921.49	7.91	13.54	4935.03
	05/08/09	4942.94	21.45	4921.49	7.81	13.64	4935.13
	10/04/06	4942.94	21.45	4921.49	8.20	13.25	4934.74
	07/17/03	4942.94	21.45	4921.49	8.61	12.84	4934.33
	01/10/03	4942.94	21.45	4921.49	8.45	13.00	4934.49
	09/24/02	4942.94	21.45	4921.49	8.45	13.00	4934.49
	07/03/02	4942.94	21.45	4921.49	8.40	13.05	4934.54
	04/01/02	4942.94	21.45	4921.49	8.66	12.79	4934.28
	01/03/02	4942.94	21.45	4921.49	8.50	12.95	4934.44
	10/02/01	4942.94	21.45	4921.49	8.20	13.25	4934.74
	03/07/96	4942.94	21.45	4921.49	8.61	12.84	4934.33

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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: 8.0'-13.0' (Reported)				
MW-8	**06/22/21**	4944.59	13.27	4931.32	8.97	4.30	4935.62
	09/23/19	4944.59	13.27	4931.32	8.91	4.36	4935.68
	03/26/19	4944.59	13.27	4931.32	9.03	4.24	4935.56
	03/06/18	4944.59	13.16	4931.43	8.90	4.26	4935.69
	01/12/18	4944.59	13.16	4931.43	9.02	4.14	4935.57
	05/19/15	4944.59	13.16	4931.43	9.31	3.85	4935.28
	12/02/14	4944.59	13.16	4931.43	9.37	3.79	4935.22
	04/09/14	4944.59	13.16	4931.43	9.47	3.69	4935.12
	01/30/14	4944.59	13.16	4931.43	9.50	3.66	4935.09
	04/02/13	4944.59	13.16	4931.43	9.23	3.93	4935.36
	08/13/11	4944.59	13.16	4931.43	9.12	4.04	4935.47
	05/08/09	4944.59	13.16	4931.43	8.96	4.20	4935.63
	10/04/06	4944.59	13.16	4931.43	9.30	3.86	4935.29
	07/17/03	4944.59	13.16	4931.43	9.71	3.45	4934.88
	01/10/03	4944.59	13.16	4931.43	9.68	3.48	4934.91
	09/24/02	4944.59	13.16	4931.43	9.61	3.55	4934.98
	07/03/02	4944.59	13.16	4931.43	9.53	3.63	4935.06
	04/01/02	4944.59	13.16	4931.43	9.73	3.43	4934.86
	01/04/02	4944.59	13.16	4931.43	9.63	3.53	4934.96
	10/02/01	4944.59	13.16	4931.43	9.35	3.81	4935.24
	05/29/01	4944.59	13.16	4931.43	9.32	3.84	4935.27
	02/06/01	4944.59	13.16	4931.43	9.41	3.75	4935.18
	07/27/00	4944.59	13.16	4931.43	9.32	3.84	4935.27
	04/26/00	4944.59	13.16	4931.43	9.40	3.76	4935.19
	01/26/00	4944.59	13.16	4931.43	9.82	3.34	4934.77
	01/06/00	4944.59	13.16	4931.43	9.82	3.34	4934.77
	03/07/96	4944.59	13.16	4931.43	9.74	3.42	4934.85

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WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
			Screened Interval: 5.0'-20.0' (Reported)				
MW-9	**06/22/21**	4943.98	19.27	4924.71	8.46	10.81	4935.52
	09/23/19	4943.98	19.27	4924.71	8.43	10.84	4935.55
	03/26/19	4943.98	19.27	4924.71	8.48	10.79	4935.50
	03/06/18	4943.98	19.43	4924.55	8.40	11.03	4935.58
	01/12/18	4943.98	19.43	4924.55	*8.53*	10.90	4935.45
	05/19/15	4943.98	19.43	4924.55	*8.61*	10.82	4935.37
	12/02/14	4943.98	19.43	4924.55	*8.83*	10.60	4935.15
	04/09/14	4943.98	19.43	4924.55	*8.94*	10.49	4935.04
	01/30/14	4943.98	19.43	4924.55	*8.98*	10.45	4935.00
	04/02/13	4943.98	19.43	4924.55	*8.71*	10.72	4935.27
	08/13/11	4943.98	19.43	4924.55	*8.63*	10.80	4935.35
	05/08/09	4943.98	19.43	4924.55	*8.48*	10.95	4935.50
	10/04/06	4943.98	19.43	4924.55	*8.83*	10.60	4935.15
	07/17/03	4943.98	19.43	4924.55	9.22	10.21	4934.76
	01/10/03	4943.98	19.43	4924.55	9.15	10.28	4934.83
	09/24/02	4943.98	19.43	4924.55	9.10	10.33	4934.88
	07/03/02	4943.98	19.43	4924.55	9.00	10.43	4934.98
	01/26/00	4943.98	19.43	4924.55	9.31	10.12	4934.67
	01/06/00	4943.98	19.43	4924.55	9.30	10.13	4934.68
	03/07/96	4943.98	19.43	4924.55	9.26	10.17	4934.72

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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	**06/22/21**	4943.73	12.82	4930.91	8.06	4.76	4935.67
	09/23/19	4943.73	12.82	4930.91	8.60	4.22	4935.13
	03/26/19	4943.73	12.82	4930.91	8.12	4.70	4935.61
	03/06/18	4943.73	12.79	4930.94	8.12	4.67	4935.61
	01/12/18	4943.73	12.80	4930.93	8.15	4.65	4935.58
	05/19/15	4943.73	12.80	4930.93	8.24	4.56	4935.49
	12/02/14	4943.73	12.80	4930.93	8.46	4.34	4935.27
	04/09/14	4943.73	12.50	4931.23	8.57	3.93	4935.16
	01/30/14	4943.73	12.50	4931.23	8.61	3.89	4935.12
	04/02/13	4943.73	12.50	4931.23	8.33	4.17	4935.40
	08/13/11	4943.73	12.50	4931.23	7.23	5.27	4936.50
	05/08/09	4943.73	12.50	4931.23	8.07	4.43	4935.66
	10/04/06	4943.73	12.72	4931.01	8.43	4.29	4935.30
	07/17/03	4943.73	12.57	4931.16	8.81	3.76	4934.92
	01/10/03	4943.73	12.57	4931.16	8.83	3.74	4934.90
	09/24/02	4943.73	12.57	4931.16	8.73	3.84	4935.00
	07/03/02	4943.73	12.57	4931.16	8.63	3.94	4935.10
	04/01/02	4943.73	12.57	4931.16	8.94	3.63	4934.79
	01/03/02	4943.73	12.57	4931.16	8.71	3.86	4935.02
	10/01/01	4943.73	12.65	4931.08	8.40	4.25	4935.33
	05/29/01	4943.73	12.57	4931.16	8.44	4.13	4935.29
	02/06/01	4943.73	12.57	4931.16	8.55	4.02	4935.18
	07/27/00	4943.73	12.57	4931.16	8.44	4.13	4935.29
	04/26/00	4943.73	12.57	4931.16	8.53	4.04	4935.20
	01/26/00	4943.73	12.57	4931.16	8.93	3.64	4934.80
	03/24/94	4943.73	12.57	4931.16	8.96	3.61	4934.77

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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-5	**06/22/21**	4943.52	12.45	4931.07	7.83	4.62	4935.69
	09/23/19	4943.52	12.45	4931.07	7.77	4.68	4935.75
	03/26/19	4943.52	12.45	4931.07	7.84	4.61	4935.68
	03/06/18	4943.52	12.42	4931.10	7.77	4.65	4935.75
	01/12/18	4943.52	12.42	4931.10	7.90	4.52	4935.62
	05/19/15	4943.52	12.42	4931.10	7.94	4.48	4935.58
	12/02/14	4943.52	12.42	4931.10	8.19	4.23	4935.33
	04/09/14	4943.52	11.90	4931.62	8.25	3.65	4935.27
	01/30/14	4943.52	11.90	4931.62	8.30	3.60	4935.22
	04/02/13	4943.52	11.90	4931.62	8.06	3.84	4935.46
	08/13/11	4943.52	11.90	4931.62	7.97	3.93	4935.55
	05/08/09	4943.52	11.90	4931.62	7.78	4.12	4935.74
	10/04/06	4943.52	12.12	4931.40	8.10	4.02	4935.42
	07/17/03	4943.52	12.17	4931.35	8.55	3.62	4934.97
	01/10/03	4943.52	12.17	4931.35	8.53	3.64	4934.99
	09/24/02	4943.52	12.17	4931.35	8.44	3.73	4935.08
	07/03/02	4943.52	12.17	4931.35	8.27	3.90	4935.25
	04/01/02	4943.52	12.17	4931.35	8.56	3.61	4934.96
	01/03/02	4943.52	12.17	4931.35	8.55	3.62	4934.97
	10/02/01	4943.52	12.05	4931.47	8.10	3.95	4935.42
	05/29/01	4943.52	12.17	4931.35	8.01	4.16	4935.51
	07/27/00	4943.52	12.17	4931.35	8.18	3.99	4935.34
	04/26/00	4943.52	12.17	4931.35	8.17	4.00	4935.35
	01/26/00	4943.52	12.17	4931.35	8.61	3.56	4934.91
	03/07/96	4943.52	12.17	4931.35	8.55	3.62	4934.97

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WESTERN TECHNOLOGIES INC.

TABLE 1
Ground Water Elevation Data

Monitor Well ID	Date	Casing Rim Elevation (Feet)	Depth to Bottom (Feet)	Bottom of Casing Elevation (measured) (Feet)	Depth to Ground Water (Feet)	Water Column Thickness (Feet)	Potentiometric Surface Elevation (Feet)
MW-1	01/06/00	4942.99	8.24	4934.75	Dry	Dry	Dry
MW-2	05/30/03	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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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)
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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WESTERN TECHNOLOGIES INC.

TABLE 2
Ground Water Field Data

Monitor Well ID	Depth DTW DTB	Date **06/21/21** Time	Temp. (°C)	RDO Dissolved Oxygen (mg/L)	pH	Eh ORP (mV)	Specific Conductivity (ÂµS/cm)*	Volume Removed (gallons)	COMMENTS
MW-4	DTW 7.57 TD 21.50	9:38 AM						<0.25	Tree roots blockage at water table Cannot obtain enough water for parameters Only enough water for lab sample
MW-7	DTW 7.71 TD 21.56	10:11 AM 10:22 AM 10:30 AM 10:39 AM	19.3 17.4 17.3 17.7	6.19 1.74 1.80 1.89	7.73 7.76 7.77 7.75	87 190 254 273	444 431 422 421	0 2.25 4.50 6.75	Clear, slight HC odor Clear, slight HC odor Clear, stronger HC odor Light brown, HC odor
MW-8	DTW 8.97 TD 13.27	1:15 PM 1:21 PM 1:27 PM 1:32 PM	19.8 17.4 17.3 18.0	1.33 3.94 7.89 4.57	7.89 7.79 7.84 7.86	-206 -198 -205 -205	491 515 509 528	0 1.00 2.00 3.00	Clear, HC odor Dark tint, particulates, HC odor Dark black tint, particulates, HC odor Dark black tint, particulates, HC odor
MW-9	DTW 8.46 TD 19.27	12:07 PM 12:16 PM 12:25 PM 12:34 PM	19.4 17.9 17.3 17.8	2.05 3.04 3.43 3.75	7.17 7.32 7.80 7.86	-138 -130 -83 -52	389 472 413 418	0 2.00 4.00 6.00	Clear, faint HC odor Dark brown tint, particulates, faint odor Light brown tint, HC odor Light brown tint, HC odor
VP-2	DTW 8.06 TD 12.82	11:16 AM 11:21 AM 11:28 AM 11:33 AM	20.4 19.2 19.3 18.9	1.27 2.57 2.77 3.33	7.20 7.40 7.40 7.60	107 -64 -94 -153	378 374 395 411	0 0.75 1.50 2.25	Clear, faint HC odor Light brown tint, particulates, faint odor Light brown tint, HC odor Light brown tint, HC odor
VP-5	DTW 7.83 TD 12.45	2:00 PM 2:04 PM 2:09 PM 2:14 PM	21.3 20.6 20.2 19.4	5.80 4.25 2.97 1.63	7.22 7.23 7.34 7.52	-152 -157 -168 -176	454 442 426 416	0 0.75 1.50 2.25	Clear, strong HC odor Dark black tint, Strong HC odor Dark black tint, Strong HC odor Light tint, Strong 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	NAPHTHALENES Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		**5.0**	**1,000**	**700**	**620**	**none**	**100**	**0.05**	**5.0**				**30**
MW-4	**06/22/21**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	8.1	< 4.0	< 4.0	**8.1**
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	2.1	< 4.0	< 4.0	**2.1**
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/30/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	04/02/13	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	08/13/11	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	05/08/09	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/01/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	<15.0
	05/29/01	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<6.0
	02/06/01	**2.5**	<1.0	<1.0	**1.5**	**4.0**	<1.0	<1.0	<1.0	-	-	-	**3.9**
	07/27/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	04/26/00	**2.9**	<1.0	<1.0	<1.0	**2.9**	<1.0	<1.0	<1.0	-	-	-	<2.0
	01/30/00	**5.4**	<1.0	<1.0	**2.6**	**8.0**	<1.0	<1.0	<1.0	-	-	-	<2.0
	06/06/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-
	03/07/95	**40**	**1.0**	**54**	<2.0	**95**	-	-	-	-	-	-	-
	11/29/90	**49**	**1.0**	**8.4**	**14**	**72.4**	-	-	-	-	-	-	-
	10/30/90	**590**	**35.3**	**518**	**1,871**	**3,015**	-	-	-	-	-	-	-

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		**5.0**	**1,000**	**700**	**620**	**none**	**100**	**0.05**	**5.0**				**30**
MW-7	**06/22/21**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	**2.3**	< 4.0	< 4.0	**2.3**
	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	08/13/11	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	05/08/09	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	<10.0
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	**3.1**	<1.0	<1.0	**1.7**	**4.8**	<1.0	<1.0	<1.0	-	-	-	**22.8**
	07/03/02	**2.6**	<1.0	<1.0	**3.0**	**5.6**	<1.0	<1.0	<1.0	-	-	-	**28.8**
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/02/01	<1.0	<1.0	<1.0	**3.3**	**3.3**	<1.0	<1.0	<1.0	-	-	-	<15
	03/07/96	**1.9**	<1.0	<1.0	<2.0	**1.9**	-	-	-	-	-	-	-
	12/05/95	**6.0**	**1.2**	**2.2**	<2.0	**9.4**	-	-	-	-	-	-	-
	09/20/95	**78**	**2.1**	**9.9**	**8.7**	**98.7**	-	-	-	-	-	-	-
	10/30/90	**9.8**	**3.0**	**20.8**	**4.9**	**38.5**	-	-	-	-	-	-	-

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
MW-8	06/22/21	<1.0	<1.0	10	2.7	12.7	<1.0	<1.0	<1.0	27	14	27	68
	09/23/19	<1.0	<1.0	8.8	2.5	11.3	<1.0	<1.0	<1.0	25	15	19	59
	03/26/19	<1.0	<1.0	9.7	2.4	12.1	<1.0	<1.0	<1.0	< 2.0	13	6.2	19.2
	03/06/18	<1.0	<1.0	6.4	1.8	8.2	<1.0	<1.0	<1.0	19	12	14	45
	01/12/18	<1.0	<1.0	7.9	2.4	10.3	<1.0	<1.0	<1.0	25	13	18	56
	05/19/15	<1.0	<1.0	22	4.4	26.4	<1.0	<0.010	<1.0	37	17	28	82
	12/02/14	<5.0	<5.0	17	<7.5	17	<5.0	<0.010	<5.0	33	< 20	29	62
	04/09/14	<1.0	1.2	32	7.3	40.5	<1.0	<1.0	<1.0	53	33	38	124
	01/30/14	1.3	1.4	33	8.2	43.9	<1.0	-	-	-	-	-	134
	04/02/13	<5.0	<5.0	31	10	41	<5.0	-	-	-	-	-	149
	08/13/11	<10	<10	32	<15	32	<10	-	-	-	-	-	72
	05/08/09	<1.0	<1.0	24	8.0	32	<1.0	-	-	-	-	-	92
	10/04/06	<2.0	<2.0	34	18	52	<3.0	-	-	-	-	-	210
	07/17/03	<5.0	<5.0	66	38	104	<5.0	<0.010	<5.0	-	-	-	310
	01/10/03	<2.0	<2.0	57	38	95	<2.0	<2.0	<2.0	-	-	-	284
	09/24/02	<5.0	<5.0	58	29	87	<5.0	<5.0	<5.0	-	-	-	238
	07/03/02	<5.0	<5.0	86	40	126	<5.0	<5.0	<5.0	-	-	-	202
	04/01/02	<5.0	<5.0	100	43	143	<5.0	<5.0	<5.0	-	-	-	273
	01/04/02	3.0	3.2	35	50	91.2	<2.0	<2.0	<2.0	-	-	-	313
	10/02/01	<10	<10	90	51	141	<10	<10	<10	-	-	-	120
	05/29/01	4.2	2.6	110	57	173.8	<2.0	<2.0	<2.0	-	-	-	261
	02/06/01	<10	<10	130	43	173	<10	<10	<10	-	-	-	140
	07/27/00	6.0	5.2	150	61	222.2	<1.0	<1.0	<1.0	-	-	-	140
	04/26/00	3.2	2.2	<1.0	35	40.4	<1.0	<1.0	<1.0	-	-	-	136
	01/30/00	<10	<10	150	5.7	155.7	<10	<10	<10	-	-	-	98
	03/07/96	71	24	400	150	645	-	-	-	-	-	-	-
	12/05/95	8.6	8.3	49	18	83.9	-	-	-	-	-	-	-
	09/20/95	11	19	190	74	294	-	-	-	-	-	-	-
	10/30/90	220	120	960	1,140	2,440	-	-	-	-	-	-	-

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		**5.0**	**1,000**	**700**	**620**	**none**	**100**	**0.05**	**5.0**				**30**
MW-9	**06/22/21**	<1.0	<1.0	**7.2**	**11**	**18.2**	<1.0	<1.0	<1.0	24	6.1	9.7	**39.8**
	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	03/26/19	**4.7**	<1.0	**9.0**	**32**	**45.7**	<1.0	<1.0	<1.0	11	7.0	7.9	**25.9**
	03/06/18	<1.0	<1.0	**2.1**	**3.8**	**5.9**	<1.0	<1.0	<1.0	11	7.0	7.9	**25.9**
	01/12/18	**4.0**	**1.4**	**11**	**11**	**27.4**	<1.0	<1.0	<1.0	44	10	14	**68**
	05/19/15	**21**	**3.0**	**18**	**18**	**60**	<1.0	<0.010	<1.0	2.7	< 4.0	< 4.0	**2.7**
	12/02/14	**6.4**	<1.0	**14**	**5.5**	**25.9**	<1.0	<0.010	<1.0	2.3	< 4.0	< 4.0	**2.3**
	04/09/14	**100**	**49**	**72**	**110**	**331**	<1.0	<1.0	<1.0	15	9.9	7.5	**32.4**
	01/30/14	**190**	**59**	**200**	**340**	**789**	<2.0	-	-	-	-	-	**67**
	04/02/13	**320**	**34**	<10	**150**	**504**	<10	-	-	-	-	-	<40
	08/13/11	**750**	**150**	**270**	**880**	**2,050**	12	-	-	-	-	-	**93**
	05/08/09	**12**	**7.1**	**45**	**68**	**132**	<1.0	-	-	-	-	-	**77**
	10/04/06	**62**	**44**	**11**	**42**	**159**	<1.5	-	-	-	-	-	**6.9**
	07/17/03	**98**	**9.9**	**2.4**	**10**	**120.3**	**7.1**	<0.010	<1.0	-	-	-	<10.0
	01/10/03	**2.2**	<1.0	<1.0	<1.0	**2.2**	**2.2**	<1.0	<1.0	-	-	-	<10.0
	09/24/02	**9.2**	<1.0	**25**	**20**	**54.2**	**1.7**	<1.0	<1.0	-	-	-	**13**
	07/03/02	**5.1**	**1.9**	**16**	**18**	**41.0**	**<1.0**	<1.0	<1.0	-	-	-	**28.8**
	01/03/02	**9.4**	**6.9**	**59**	**51**	**126.3**	**<1.0**	<1.0	<1.0	-	-	-	**2.7**
	03/07/96	<0.5	<1.0	<1.0	**3.7**	**3.7**	-	-	-	-	-	-	-
	12/05/95	<0.5	<1.0	<1.0	**14**	**14**	-	-	-	-	-	-	-
	09/20/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-

Barelas Bridge Site
800 Bridge Blvd, SW
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PSTB Facility # 29854: Release ID # 54

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		**5.0**	**1,000**	**700**	**620**	**none**	**100**	**0.05**	**5.0**				**30**
VP-2	**06/22/21**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	2.0	< 4.0	< 4.0	**2.0**
	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	3.0	< 4.0	< 4.0	**3.0**
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	8.7	< 4.0	< 4.0	**8.7**
	03/06/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/12/18	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	05/19/15	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	12/02/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<0.010	<1.0	3.6	< 4.0	< 4.0	**3.6**
	04/09/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	< 4.0	< 4.0	<10.0
	01/30/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	-	-	-	-	-	**2.2**
	04/02/13	<2.0	<2.0	<2.0	<3.0	<3.0	<2.0	-	-	-	-	-	**34.7**
	08/13/11	<1.0	<1.0	**2.1**	**2.4**	**4.5**	<1.0	-	-	-	-	-	**78**
	05/08/09	<1.0	<1.0	**1.3**	**1.6**	**2.9**	<1.0	-	-	-	-	-	**37.3**
	10/04/06	<1.0	<1.0	<1.0	<3.0	<3.0	<1.5	-	-	-	-	-	<10.0
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<0.010	<1.0	-	-	-	<10.0
	01/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	09/24/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	**3.4**
	07/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	04/01/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	01/03/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<10.0
	10/01/01	<1.0	<1.0	<1.0	<3.0	<6.0	<1.0	<1.0	<1.0	-	-	-	<15
	05/29/01	<1.0	<1.0	**1.2**	**4.9**	**6.1**	<1.0	<1.0	<1.0	-	-	-	**36.7**
	02/06/01	<1.0	<1.0	<1.0	**2.0**	**2.0**	<1.0	<1.0	<1.0	-	-	-	**13**
	07/27/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	**11**
	04/26/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	01/30/00	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	-	-	-	<2.0
	03/24/94	**32**	**20**	**94**	**150**	**296**	-	-	-	-	-	-	-

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

TABLE 3
Summary of Water Sample Analytical Test Results

Monitor Well	Date	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	Total BTEX µg/L	MTBE µg/L	EDB µg/L	EDC µg/L	NAPHTHALENES			
										Naphth[a] µg/L	1-Methyl[b] µg/L	2-Methyl[c] µg/L	Total µg/L
NMWQCC Regulatory Limits =		5.0	1,000	700	620	none	100	0.05	5.0				30
VP-5	**06/22/21**	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	< 2.0	30	54	**84**
	09/23/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	2.1	56	78	**136.1**
	03/26/19	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0	<1.0	3.5	70	93	**166.5**
	03/06/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	4.1	58	84	**146.1**
	01/12/18	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0	<2.0	< 4.0	40	55	**95**
	05/19/15	<5.0	<5.0	<5.0	<7.5	<7.5	<5.0	<0.010	<5.0	17	66	120	**203**
	12/02/14	<5.0	<10	<10	<15	<15	<10	<0.010	<5.0	<20	99	180	**279**
	04/09/14	<1.0	**1.2**	**4.5**	<1.5	**5.7**	<1.0	<1.0	<1.0	21	66	130	**217**
	01/30/14	<1.0	**1.0**	**3.0**	<1.5	**4.0**	<1.0	-	-	-	-	-	**187**
	04/02/13	<2.0	<2.0	**7.7**	<3.0	**7.7**	<2.0	-	-	-	-	-	**270**
	08/13/11	**1.4**	**1.8**	**12**	**2.4**	**17.6**	<1.0	-	-	-	-	-	**469**
	05/08/09	<5.0	<5.0	**7.1**	<7.5	**7.1**	<5.0	-	-	-	-	-	**386**
	10/04/06	<10	<10	**21**	<30	**21**	<15	-	-	-	-	-	**430**
	07/17/03	<5.0	<5.0	**110**	**54**	**164**	<5.0	<0.010	<5.0	-	-	-	**930**
	01/10/03	<5.0	<5.0	**61**	**27**	**88**	<5.0	<5.0	<5.0	-	-	-	**510**
	09/24/02	<5.0	<5.0	**34**	**18**	**52**	<5.0	<5.0	<5.0	-	-	-	**510**
	07/03/02	<5.0	<5.0	**32**	**19**	**51**	<5.0	<5.0	<5.0	-	-	-	**350**
	04/01/02	<1.0	<1.0	**100**	**44**	**144**	<1.0	<1.0	<1.0	-	-	-	**640**
	01/03/02	<5.0	<5.0	**50**	**31**	**81**	<5.0	<5.0	<5.0	-	-	-	**340**
	10/02/01	<5.0	<5.0	**44**	**35**	**79**	<5.0	<5.0	<5.0	-	-	-	**320**
	05/29/01	<1.0	**1.2**	**21**	**17**	**39.2**	<1.0	<1.0	<1.0	-	-	-	**330**
	07/27/00	<1.0	**1.8**	**20**	**12**	**33.8**	<1.0	<1.0	<1.0	-	-	-	**89**
	04/26/00	<1.0	**1.4**	**14**	**7.1**	**22.5**	<1.0	<1.0	<1.0	-	-	-	**142**
	01/30/00	<5.0	<5.0	**20**	**10**	**30**	<5.0	<5.0	<5.0	-	-	-	**80**
	03/07/96	**9.5**	<1.0	**99**	**81**	**189.5**	-	-	-	-	-	-	-
	12/05/95	<0.5	<1.0	<1.0	<2.0	<4.5	-	-	-	-	-	-	-

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

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

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

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

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

WESTERN TECHNOLOGIES INC.

TABLE 3
Summary of Water Sample Analytical Test Results

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

**Total BTEX = total benzene, toluene, ethylbenzene, and xylenes
MTBE = Methyl-tert-butyl ether
EDB = 1,2-Dibromoethane. EDB values <1.0 indicates that EDB analyzed by EPA Method 504.1.
EDC = 1,2-Dichloroethane
Naphth[a] = naphthalene 1-Methyl[b] = 1-methylnaphthalene 2-Methyl[c] = 2-methylnaphthalene
NMWQCC = New Mexico Water Quality Control Commission
µg/L = micrograms per Liter
BOLD RED Indicates Laboratory Analytical Result ≥ NMWQCC Regulatory Limit
N/A = Not Analyzed or Not Available
RED (Not bold) Indicates PQLs ≥ NMWQCC Regulatory Limit
"-" indicates Not Analyzed or Not Available

Barelas Bridge Site
800 Bridge Blvd, SW
Albuquerque, New Mexico 87105
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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 =	06/22/21	06/22/21	06/22/21	06/22/21	06/22/21	06/22/21
Units =	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Benzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	**10**	**7.2**	< 1.0	< 1.0
Methyl tert-butyl ether (MTBE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane (EDC)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane (EDB)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	< 2.0	**2.3**	**27**	**24**	**2.0**	< 2.0
1-Methylnaphthalene	< 4.0	< 4.0	**14**	**6.1**	< 4.0	**30**
2-Methylnaphthalene	< 4.0	< 4.0	**27**	**9.7**	< 4.0	**54**
Total Naphthalenes =	< 10.0	**2.3**	**68**	**39.8**	**2.0**	**84**
Acetone	< 10	< 10	< 10	< 10	< 10	< 10
Bromobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
2-Butanone	< 10	< 10	< 10	< 10	< 10	< 10
Carbon disulfide	< 10	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chloroform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
2-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-DCE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10
Isopropylbenzene	< 1.0	**2.2**	**14**	**3.5**	**1.2**	**8.1**
4-Isopropyltoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**
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	**3.5**	< 3.0	< 3.0	**7.1**
n-Propylbenzene	< 1.0	**1.5**	**23**	**9.5**	**2.1**	**34**
sec-Butylbenzene	< 1.0	< 1.0	**2.7**	< 1.0	< 1.0	**3.7**
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	**2.7**	**11**	< 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	Lead mg/L	Iron mg/L	Manganese mg/L
NMWQCC Regulatory Limits		**0.015[a]**	**1.0[b]**	**0.2[b]**
EPA National Primary & Secondary Drinking Water Standards		(Action Level) 0.015[c]	Secondary Drinking Water Standards 0.3[d]	0.05[d]
MW-4	05/19/15	<0.0050	0.71	**0.74**
	12/02/14	<0.0050	0.60	**0.78**
	05/29/01	<0.0050	0.17	**1.97**
	02/06/01	<0.0050	**1.19**	**1.76**
MW-7	05/19/15	<0.0050	0.29	**0.61**
	12/02/14	<0.0050	0.33	**0.69**
MW-8	05/19/15	<0.0050	0.07	**0.28**
	12/02/14	<0.0050	0.08	**0.34**
	05/29/01	<0.0050	**1.12**	**0.39**
	02/06/01	<0.0050	0.68	**0.38**
MW-9	05/19/15	<0.0050	0.22	**0.70**
	12/02/14	<0.0050	0.31	**0.81**
VP-1	05/29/01	<0.0050	**1.72**	**1.67**
	02/06/01	<0.0050	**2.07**	**1.07**
VP-2	05/19/15	<0.0050	0.07	**0.46**
	12/02/14	<0.0050	0.11	**0.59**
	05/29/01	<0.0050	0.83	**1.21**
	02/06/01	<0.0050	0.70	**0.92**
VP-5	05/19/15	0.006	**1.20**	**0.12**
	12/02/14	<0.0050	**1.00**	**0.12**
	05/29/01	<0.0050	**3.42**	**0.53**
VP-6	05/29/01	<0.005	0.67	**0.62**
	02/06/01	<0.005	0.52	**0.45**

a = NMWQCC Regulations: NMAC 20.6.2.3103.A. Human Health Standards
b = NMWQCC Regulations: NMAC 20.6.2.3103.B. Other Standards for Domestic Water Supply
c = 2009 National Primary Drinking Water Standards
d = 2009 National Secondary Drinking Water Standards
BOLD = above NMWQCC Regulatory limits

APPENDIX C

Hall Environmental
Analysis Laboratory Test Results

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

June 28, 2021

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

RE: Barelas Bridge OrderNo.: 2106B73

Dear David Wagner:

Hall Environmental Analysis Laboratory received 7 sample(s) on 6/22/2021 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: 6/22/2021 9:38:00 AM
Lab ID: 2106B73-001 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Ethylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Naphthalene	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
2-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 7:53:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 7:53:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 7:53:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-4
Project: Barelas Bridge
Collection Date: 6/22/2021 9:38:00 AM
Lab ID: 2106B73-001 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 7:53:00 PM	R79324
Isopropylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 7:53:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
n-Propylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 7:53:00 PM	R79324
Xylenes, Total	ND	1.5		µg/L	1	6/24/2021 7:53:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	6/24/2021 7:53:00 PM	R79324
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	6/24/2021 7:53:00 PM	R79324
Surr: Dibromofluoromethane	99.6	70-130		%Rec	1	6/24/2021 7:53:00 PM	R79324
Surr: Toluene-d8	96.2	70-130		%Rec	1	6/24/2021 7:53:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-7
Project: Barelas Bridge
Collection Date: 6/22/2021 10:45:00 AM
Lab ID: 2106B73-002 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Ethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Naphthalene	2.3	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
2-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 8:16:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 8:16:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 8:16:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-7
Project: Barelas Bridge
Collection Date: 6/22/2021 10:45:00 AM
Lab ID: 2106B73-002 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 8:16:00 PM	R79324
Isopropylbenzene	2.2	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 8:16:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
n-Propylbenzene	1.5	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 8:16:00 PM	R79324
Xylenes, Total	ND	1.5		µg/L	1	6/24/2021 8:16:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/24/2021 8:16:00 PM	R79324
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/24/2021 8:16:00 PM	R79324
Surr: Dibromofluoromethane	98.0	70-130		%Rec	1	6/24/2021 8:16:00 PM	R79324
Surr: Toluene-d8	98.0	70-130		%Rec	1	6/24/2021 8:16:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-2
Project: Barelas Bridge
Collection Date: 6/22/2021 11:40:00 AM
Lab ID: 2106B73-003
Matrix: AQUEOUS
Received Date: 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Ethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Naphthalene	2.0	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
2-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 8:40:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 8:40:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 8:40:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-2
Project: Barelas Bridge
Collection Date: 6/22/2021 11:40:00 AM
Lab ID: 2106B73-003
Matrix: AQUEOUS
Received Date: 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 8:40:00 PM	R79324
Isopropylbenzene	1.2	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 8:40:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
n-Propylbenzene	2.1	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 8:40:00 PM	R79324
Xylenes, Total	ND	1.5		µg/L	1	6/24/2021 8:40:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/24/2021 8:40:00 PM	R79324
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	6/24/2021 8:40:00 PM	R79324
Surr: Dibromofluoromethane	99.8	70-130		%Rec	1	6/24/2021 8:40:00 PM	R79324
Surr: Toluene-d8	95.9	70-130		%Rec	1	6/24/2021 8:40:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-9
Project: Barelas Bridge
Collection Date: 6/22/2021 12:40:00 PM
Lab ID: 2106B73-004 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Ethylbenzene	7.2	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Naphthalene	24	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1-Methylnaphthalene	6.1	4.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
2-Methylnaphthalene	9.7	4.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 9:03:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 9:03:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 9:03:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-9
Project: Barelas Bridge
Collection Date: 6/22/2021 12:40:00 PM
Lab ID: 2106B73-004 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 9:03:00 PM	R79324
Isopropylbenzene	3.5	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 9:03:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
n-Propylbenzene	9.5	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 9:03:00 PM	R79324
Xylenes, Total	11	1.5		µg/L	1	6/24/2021 9:03:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	97.9	70-130		%Rec	1	6/24/2021 9:03:00 PM	R79324
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	6/24/2021 9:03:00 PM	R79324
Surr: Dibromofluoromethane	96.6	70-130		%Rec	1	6/24/2021 9:03:00 PM	R79324
Surr: Toluene-d8	97.5	70-130		%Rec	1	6/24/2021 9:03:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-8
Project: Barelas Bridge
Collection Date: 6/22/2021 1:36:00 PM
Lab ID: 2106B73-005 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Ethylbenzene	10	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Naphthalene	27	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1-Methylnaphthalene	14	4.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
2-Methylnaphthalene	27	4.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 9:26:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 9:26:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 9:26:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: MW-8
Project: Barelas Bridge
Collection Date: 6/22/2021 1:36:00 PM
Lab ID: 2106B73-005 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 9:26:00 PM	R79324
Isopropylbenzene	14	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 9:26:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
n-Butylbenzene	3.5	3.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
n-Propylbenzene	23	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
sec-Butylbenzene	2.7	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 9:26:00 PM	R79324
Xylenes, Total	2.7	1.5		µg/L	1	6/24/2021 9:26:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	97.8	70-130		%Rec	1	6/24/2021 9:26:00 PM	R79324
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	6/24/2021 9:26:00 PM	R79324
Surr: Dibromofluoromethane	97.6	70-130		%Rec	1	6/24/2021 9:26:00 PM	R79324
Surr: Toluene-d8	97.9	70-130		%Rec	1	6/24/2021 9:26:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-5
Project: Barelas Bridge
Collection Date: 6/22/2021 2:20:00 PM
Lab ID: 2106B73-006 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Ethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Naphthalene	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1-Methylnaphthalene	30	4.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
2-Methylnaphthalene	54	4.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 9:49:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 9:49:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 9:49:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: VP-5
Project: Barelas Bridge
Collection Date: 6/22/2021 2:20:00 PM
Lab ID: 2106B73-006 **Matrix:** AQUEOUS **Received Date:** 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 9:49:00 PM	R79324
Isopropylbenzene	8.1	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
4-Isopropyltoluene	1.1	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 9:49:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
n-Butylbenzene	7.1	3.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
n-Propylbenzene	34	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
sec-Butylbenzene	3.7	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 9:49:00 PM	R79324
Xylenes, Total	ND	1.5		µg/L	1	6/24/2021 9:49:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	97.7	70-130		%Rec	1	6/24/2021 9:49:00 PM	R79324
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/24/2021 9:49:00 PM	R79324
Surr: Dibromofluoromethane	96.0	70-130		%Rec	1	6/24/2021 9:49:00 PM	R79324
Surr: Toluene-d8	95.3	70-130		%Rec	1	6/24/2021 9:49:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: Trip Blank
Project: Barelas Bridge
Collection Date:
Lab ID: 2106B73-007
Matrix: TRIP BLANK
Received Date: 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Toluene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Ethylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Naphthalene	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
2-Methylnaphthalene	ND	4.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Acetone	ND	10		µg/L	1	6/24/2021 10:12:00 PM	R79324
Bromobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Bromoform	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Bromomethane	ND	3.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
2-Butanone	ND	10		µg/L	1	6/24/2021 10:12:00 PM	R79324
Carbon disulfide	ND	10		µg/L	1	6/24/2021 10:12:00 PM	R79324
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Chlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Chloroethane	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Chloroform	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Chloromethane	ND	3.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Dibromomethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Technologies
Client Sample ID: Trip Blank
Project: Barelas Bridge
Collection Date:
Lab ID: 2106B73-007
Matrix: TRIP BLANK
Received Date: 6/22/2021 3:35:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
2-Hexanone	ND	10		µg/L	1	6/24/2021 10:12:00 PM	R79324
Isopropylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2021 10:12:00 PM	R79324
Methylene Chloride	ND	3.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
n-Propylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Styrene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Vinyl chloride	ND	1.0		µg/L	1	6/24/2021 10:12:00 PM	R79324
Xylenes, Total	ND	1.5		µg/L	1	6/24/2021 10:12:00 PM	R79324
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	6/24/2021 10:12:00 PM	R79324
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	6/24/2021 10:12:00 PM	R79324
Surr: Dibromofluoromethane	101	70-130		%Rec	1	6/24/2021 10:12:00 PM	R79324
Surr: Toluene-d8	96.6	70-130		%Rec	1	6/24/2021 10:12:00 PM	R79324

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2106B73**

28-Jun-21

Client: Western Technologies

Project: Barelas Bridge

Sample ID: **100ng 8260 lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R79324**	RunNo: **79324**
Prep Date:	Analysis Date: **6/24/2021**	SeqNo: **2787463** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	19	1.0	20.00	0	96.8	70	130			
Chlorobenzene	19	1.0	20.00	0	97.5	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	86.3	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	96.1	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.7	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	9.5		10.00		94.9	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R79324**	RunNo: **79324**
Prep Date:	Analysis Date: **6/24/2021**	SeqNo: **2787464** Units: **µg/L**

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106B73**
28-Jun-21

Client: Western Technologies
Project: Barelas Bridge

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R79324**	RunNo: **79324**
Prep Date:	Analysis Date: **6/24/2021**	SeqNo: **2787464** Units: **µg/L**

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2106B73**
28-Jun-21

Client: Western Technologies
Project: Barelas Bridge

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R79324**	RunNo: **79324**
Prep Date:	Analysis Date: **6/24/2021**	SeqNo: **2787464** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.0	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	9.5		10.00		95.2	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Western Technologies** Work Order Number: **2106B73** RcptNo: 1

Received By: **Desiree Dominguez** **6/22/2021 3:35:00 PM** DD

Completed By: **Cheyenne Cason** **6/22/2021 3:36:05 PM** CC

Reviewed By: SPA 6.22.21

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 ☐
   Samples were collected the same day and chilled.
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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
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: T.C. 6.22.21

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	12.4	Good				

Chain-of-Custody Record

Client: WESTERN TECHNOLOGIES

8305 WASHINGTON PL NE

Mailing Address:

ALB., NM 87113-1670

Phone #: 505-823-4488

email or Fax#: d.wagner@wt-os.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 #: 32885023

Project Manager: DAVID WAGNER

Sampler:

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 12.6-0.2=12.4 (°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. 2106B753	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)
6/22/21	09:38	AQ	MW-4	40ml/3	$HgCl_2$	001								X		
6/22/21	10:45	AQ	MW-7	40ml/3	$HgCl_2$	002								X		
6/22/21	11:40	AQ	VP-2	40ml/3	$HgCl_2$	003								X		
6/22/21	12:40	AQ	MW-9	40ml/3	$HgCl_2$	004								X		
6/22/21	13:36	AQ	MW-8	40ml/3	$HgCl_2$	005								X		
6/22/21	14:20	AQ	VP-5	40ml/3	$HgCl_2$	006								X		
			Trip Blank Pine 6/22/21			007										

Analysis Request

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6/22/21	15:30		TDB	COO	6.22.21	
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 June 2021

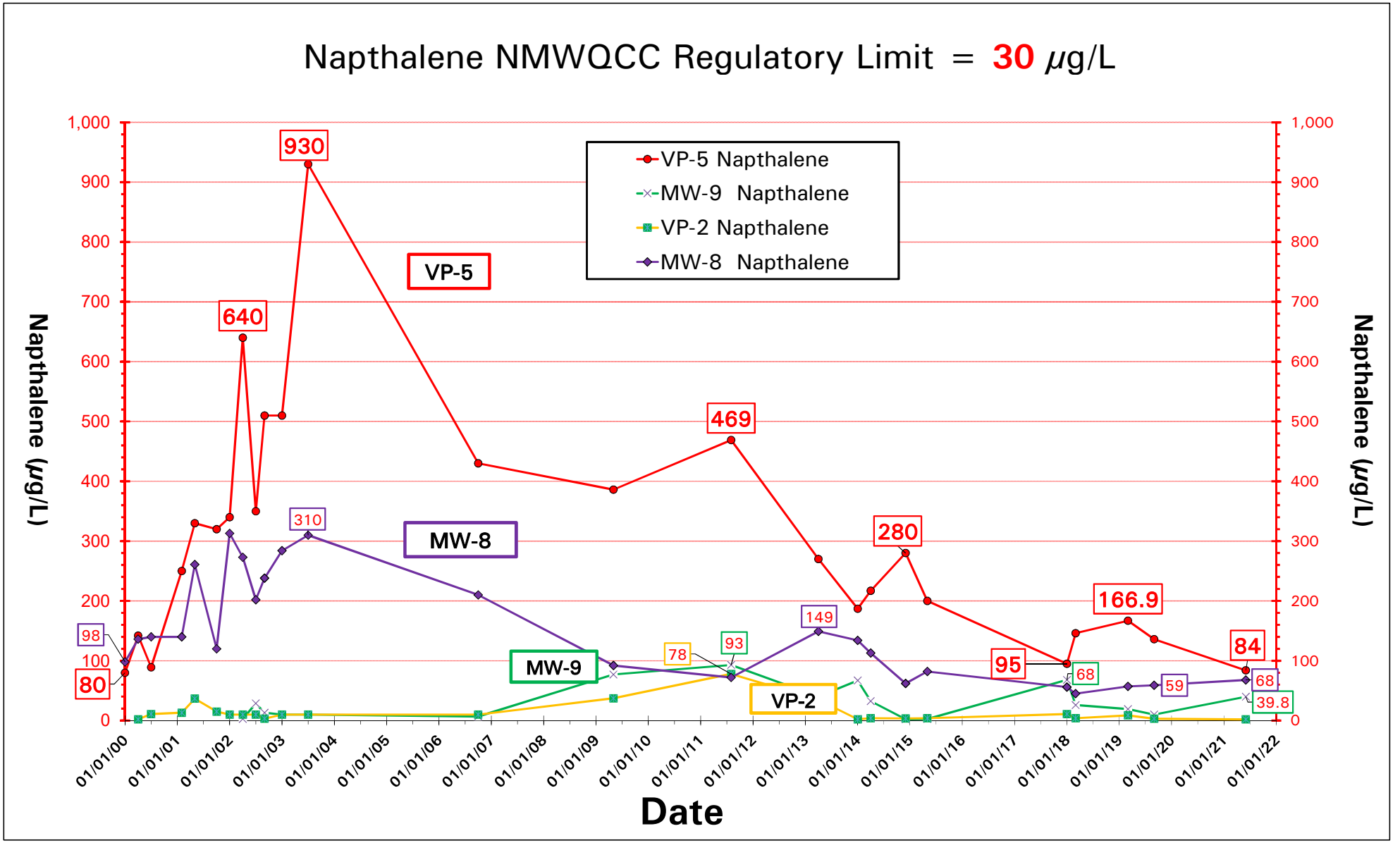


Chart 2: Napthalene Concentrations (logarithmic)
MW-8, MW-9, VP-2, VP-5: January 2000 to June 2021

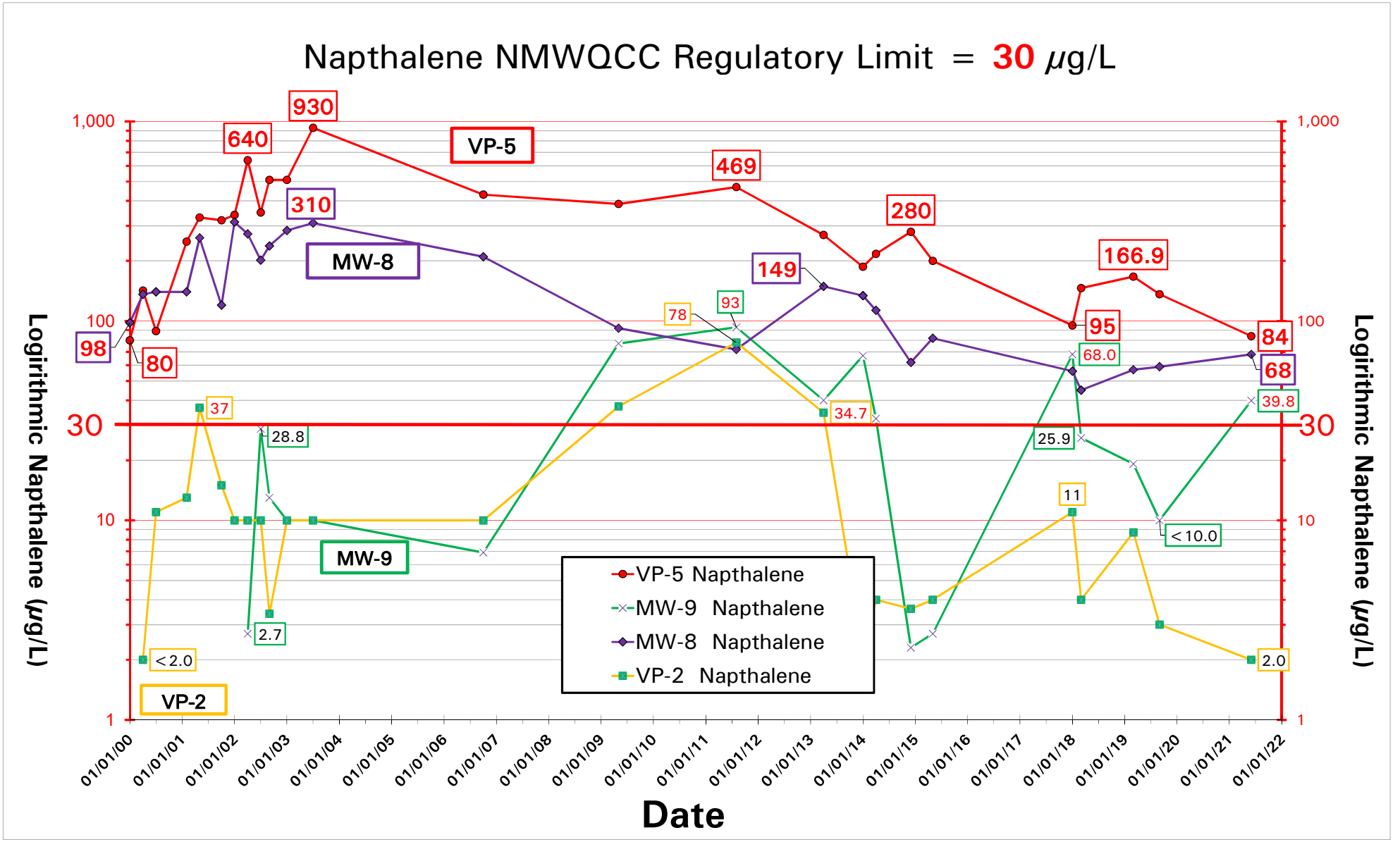
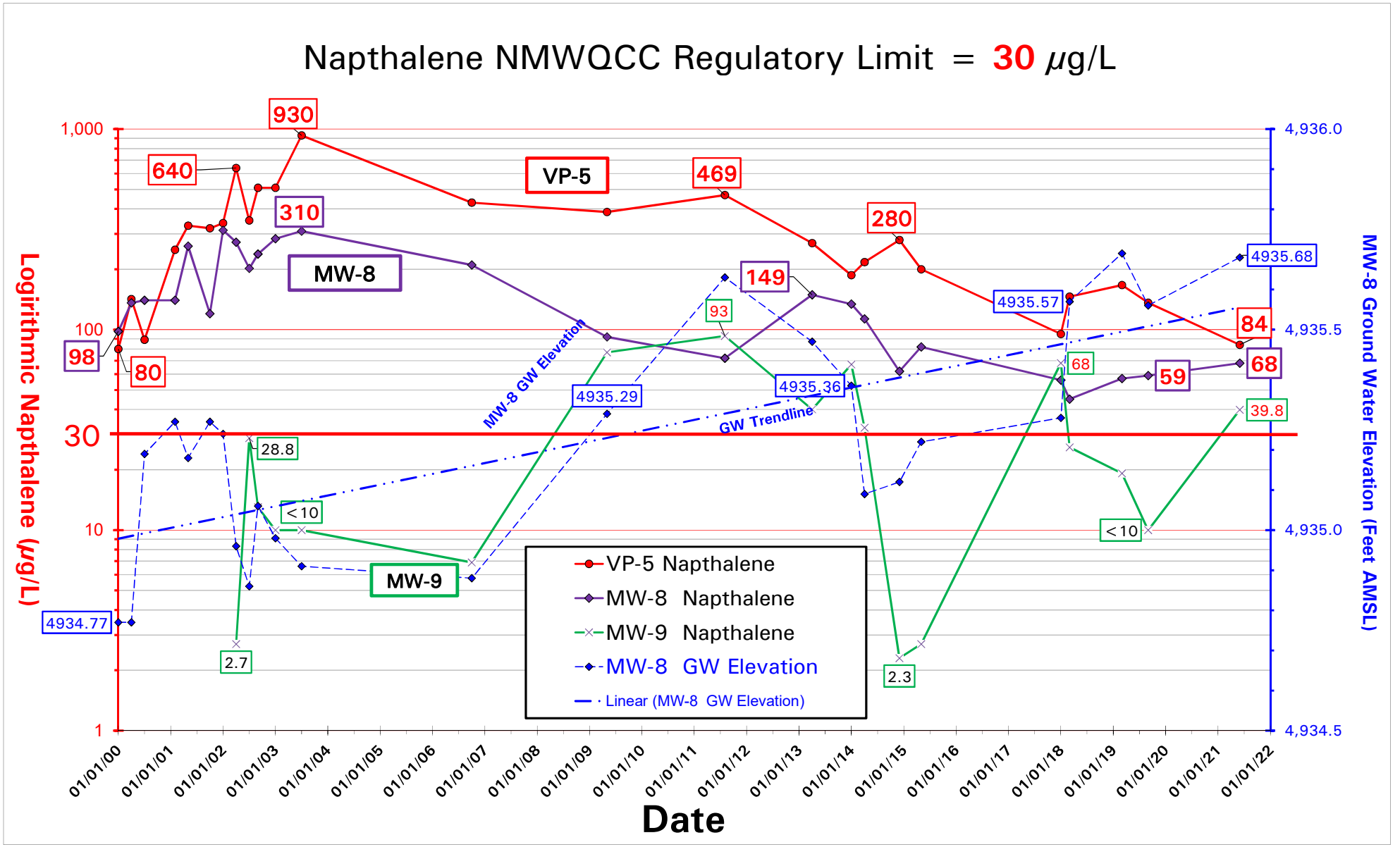


Chart 3: Napthalene Concentrations (logarithmic) MW-8, MW-9, and VP-5 versus MW-8 Ground Water Elevations: January 2000 to June 2021



APPENDIX E
Field Notes

Barelas Bridge Site

Ground Water Field Data

Monitor Well ID	Depth DTW DTB	Time 6/22/21	Temp. (°C)	RDO Dissolved Oxygen (mg/L)	pH	Eh ORP (mV)	Specific Conductivity (ÂµS/cm)*	Volume Removed (gallons)	COMMENTS
MW-4	DTW								
	7.57	09:38							tree roots
	TD								
	21.50								
MW-7	DTW	10:11	19.3	6.19	7.73	87.4	443.9	0	clear, slight odor
	7.71	10:22	17.4	1.74	7.76	190.1	430.6	2.25	clear, slight odor
	TD	10:30	17.3	1.80	7.77	253.6	421.5	4.50	clear, stronger odor
	21.56	10:39	17.7	1.89	7.75	273.0	421.1	6.75	light brown tint, strong odor
MW-8	DTW	13:15	19.8	1.33	7.89	-205.7	491.4	0	clear, odor
	8.97	13:21	17.4	3.44	7.79	-197.5	515.2	1.00	Dark tint, particulate, odor
	TD	13:27	17.3	7.89	7.84	-204.8	508.5	2.00	Dark black tint, odor
	13.27	13:32	18.0	4.57	7.86	-205.7	528.0	3.00	Dark tint, odor

Barelas Bridge Site

Ground Water Field Data

Monitor Well ID	Depth DTW DTB	Time	Temp. (°C)	RDO Dissolved Oxygen (mg/L)	pH	Eh ORP (mV)	Specific Conductivity (ÂµS/cm)*	Volume Removed (gallons)	COMMENTS
MW-9	DTW	12:07	19.4	2.85	7.17	-138.1	388.5	0	clear, faint odor
	8.46	12:16	17.9	3.04	7.32	-130.4	427.3	2.00	dark brown tint, particulate, faint odor
	TD	12:25	17.3	3.43	7.8	-83.0	412.8	4.00	light tint, odor
	19.27	12:34	17.8	3.75	7.86	-52.4	417.8	6.00	light tint, odor
VP-2	DTW	11:16	20.4	1.27	7.20	107.8	377.5	0	clear, faint odor
	8.06	11:21	19.2	2.57	7.40	-64.1	373.8	0.75	light brown tint, particulate, faint odor
	TD	11:28	19.3	2.77	7.40	-93.7	395.2	1.50	light brown tint, odor
	12.82	11:33	18.9	3.33	7.60	-152.8	411.3	2.25	light brown tint, odor
VP-5	DTW	14:00	21.3	5.80	7.22	-152.1	453.8	0	clear, strong odor
	7.83	14:04	20.6	4.25	7.23	-157.2	441.9	0.75	dark black tint, strong odor
	TD	14:09	20.2	2.97	7.34 7.54 7.84	-167.7	426.3	1.50	dark black tint, strong odor
	12.45	14:14	19.4	1.63	7.52	-175.7	416.4	2.25	light tint, strong odor

Barelas Bridge: 3288JV023: Sampling Instructions:

WPID 4189-1
Semi #1

Site Name: **Barelas Bridge**
Project #: **3288JV023**

Sampling Date(s): June 2021
Date Report Due: **7/22/21**

- **Important**
  - **Site is an active gas station.**
  - **Wear Safety Vest and use traffic cones.**
  - **Park truck defensively to shield yourself**

0.5 GAL/FT FOR 2" WELLS

Tests to be done in field: *RECORD ALL Readings and measurements*

- Time, Temperature, Specific Conductivity, pH, Eh (ORP)
- Depth to Water
- Take Peristaltic Pump because VP-5 large well vault fills with water

Lab Analysis:
EPA Method 8260 (Three (3) 40-ml VOA's)
Mercuric chloride $HgCl_2$ (toxic, corrosive, Health Hazard = 4)

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

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

Moderately contaminated – ____**VP-2** then ____**MW-9;**

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

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

Special Site Access: 96-Hour notice to NMED, Site Owner
222-9565 Corey Jarrett corey.jarrett@state.nm.us - NMED PSTB Project Manager
972-383-0001 Mark Owens mowens@ee-g.com (Site Owner)

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

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