



August 9, 2019

Ms. Renee Romero
New Mexico Environment Department
Petroleum Storage Tank Bureau
1914 West 2nd Street
Roswell, New Mexico 88201

Re: Well Installation Progress Update (Second Month)
Former Y Station State Lead Site, 721 Commerce Way, Clovis, New Mexico
Facility #53712, Release ID #4746, WPID #4022

Dear Ms. Romero:

Daniel B. Stephens & Associates, Inc. (DBS&A) is pleased to submit this letter report documenting the second month of well installation activities at the Former Y Station State Lead Site (the site) in Clovis, New Mexico. Existing and proposed well locations are shown on Figure 1 together with benzene concentration data from the most recent groundwater sampling event and aquifer testing. Soil sampling for well installation was completed in accordance with the approved work plan and will be discussed in the final well installation report, which will include field notes and photographs documenting site activities, bore logs and well completion diagrams, laboratory reports, waste manifests, permits, and well survey reports.

Since the first month report, Yellow Jacket Drilling Services (YJD) continued installation of future remediation well RW-1. Hydrocarbon odor was noted in the soil boring beginning at a depth of 85 feet below ground surface (bgs), with elevated photoionization detector (PID) readings continuing to total depth. The PID reading from the sample at 265 feet bgs, which may correspond with the depth of the static water table at the time of the release, exceeded the range of the instrument (>15,000 parts per million by volume [ppmv]). Based on this data, and in consultation with the PSTB, DBS&A extended the length of the 4-inch-diameter deep well screen, which was set from approximately 265 to 355 feet bgs. The shallow and intermediate, 2-inch-diameter well screens were set from 135 to 195 and 205 to 255 feet bgs. The well was completed on June 29, 2019, and Southwest Safety Services, Inc. (SWS) of Albuquerque, New Mexico, mobilized to pick up traffic control on July 1, 2019.

On July 9, 2019, DBS&A and YJD returned to the site after a work break and set up on the MW-12 location. Numerous delays occurred during installation of this well, including several severe storms and a 2-day work stoppage to fix broken components on the drill rig, resulting in a total of 12 work days. The well was completed on July 20, 2019. Water was encountered at a depth of approximately 327 feet bgs, and the well was screened from 287 to 357 feet bgs. PID readings in soil samples collected from the boring during drilling were below 100 ppmv.

Daniel B. Stephens & Associates, Inc.

6020 Academy NE, Suite 100

Albuquerque, NM 87109

505-822-9400

FAX 505-822-8877

Ms. Renee Romero
August 9, 2019
Page 2

On July 20, 2019, YJD set up on the BW-7R location. Drilling at this location proceeded more smoothly than the previous well, and YJD achieved a depth of approximately 225 feet bgs prior to taking a work break on July 23, 2019. DBS&A and YJD returned to the site on July 30, 2019, and continued drilling. Water was encountered at a depth of approximately 328 feet bgs, and the well was screened from 287 to 357 feet bgs, with a total depth of approximately 362 feet. YJD installed the surface completion on August 4, 2019. Despite its proximity to BW-7, which had a benzene concentration of 1,400 micrograms per liter ($\mu\text{g/L}$) in May 2019, PID readings in soil samples collected from the BW-7R boring during drilling were below 100 ppmv.

Written approval for proposed activities was received from Hobby Lobby on July 11, 2019, following numerous emails and phone calls to operations and real estate personnel within the Hobby Lobby corporate office. Based in part upon approvals from Hobby Lobby, Goodwill Industries, and Harbor Freight, Clovis Shopping Center, LLC, agreed to allow access for the proposed activities. DBS&A was able to proceed with well installation in the large parking lot following receipt of notice from NMED counsel on July 14, 2019.

DBS&A intends to invoice the full approved amount for Deliverable ID #4022-4, as modified by the change order letter approved by the PSTB on May 8, 2019. If you have any questions or require additional information, please contact us at (505) 822-9400.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.



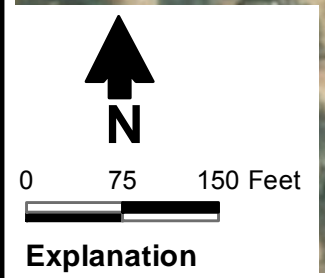
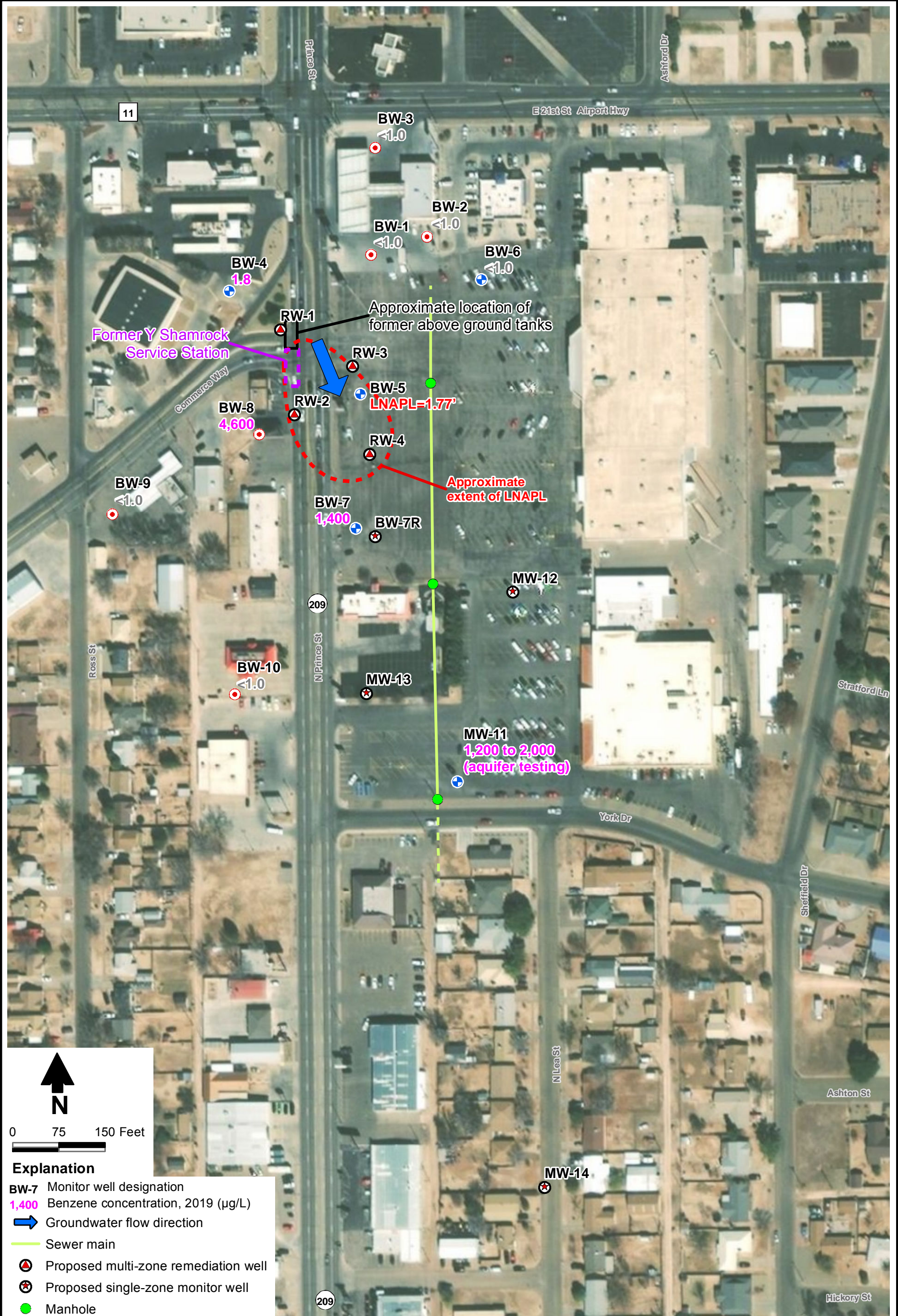
Thomas Golden, P.E.
Project Engineer



Jason Raucci, P.G.
Project Geologist

TG/JJR

Figure



- Explanation**
- BW-7 Monitor well designation
 - 1,400 Benzene concentration, 2019 (µg/L)
 - Groundwater flow direction
 - Sewer main
 - ⊗ Proposed multi-zone remediation well
 - ⊗ Proposed single-zone monitor well
 - Manhole
 - ⊕ Single completion monitor well
 - ⊙ Nested monitor well

FORMER Y STATION STATE LEAD SITE
 721 COMMERCE WAY
 CLOVIS, NEW MEXICO
Proposed Additional Site Investigation

Figure 1