



October 1, 2021

Mr. Oakley Hayes
Environmental Specialist
Harvest Four Corners
1755 Arroyo Drive
Bloomfield, New Mexico 87413

**Subject: 2020 Annual Groundwater Report
Pritchard #2A
Incident Number: nAUTOfAB000453
San Juan County, New Mexico**

Dear Mr. Hayes:

WSP USA Inc. (WSP) is pleased to present Harvest Four Corners, LLC (Harvest) with this detailed report for activities conducted at the Pritchard #2A (Site), Remediation Permit Number 3RP-339-0 between January and December 2020. The scope of work for this project was continued monitoring of petroleum hydrocarbon impacts to groundwater as a result of a release involving two former pits: a former dehydrator pit and a former abandoned pit.

In 2021, on behalf of Harvest, WSP will continue to monitor groundwater elevations and investigate the presence of PSH in all monitoring wells and collect groundwater samples. WSP recommends shutting down or removing the solar powered pneumatic pumping system for the first quarter of 2021 at the Site to assess PSH recovery levels in monitoring wells MW-6 and MW-4.

LOCATION

The Site is located at latitude 36.837444 and longitude -107.713236 in Unit J, Section 6, Township 30 North, Range 8 West (Figure 1). The Site is at the confluence of an unnamed tributary to La Manga Canyon, which drains into Pump Canyon, in the San Juan Basin in San Juan County, New Mexico.

HISTORY

The soil and groundwater impacts at the Site originated from two former pits formerly operated by Gas Company of New Mexico (GCNM): a former dehydrator pit and a former abandoned pit, which are considered a single source due to their proximity to each other. In December 1997, approximately 800 cubic yards of impacted soil were excavated from the Site. Laboratory analytical results for soil samples from the bases of the two excavations indicated total petroleum hydrocarbons (TPH), diesel range organics (DRO) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations exceeded the New Mexico Oil Conservation Division (NMOCD) standards. A groundwater sample collected from a monitoring well (MW-2) installed in the east pit at approximately 76.5 feet below ground surface (bgs) contained 8,600 micrograms per liter (µg/L) of benzene. Sometime prior to April 2000, monitoring wells MW-1, MW-3, and MW-4 were installed, and in April 2000, MW-5 and MW-6 were installed at the Site. Williams Four Corners LLC (Williams) purchased the GCNM facility from Public Service Company of New Mexico (PNM) in 2000 and assumed environmental liability for the Site. Between April 2000 (or earlier) and December 2017, Williams monitored groundwater at the Site. Records regarding these activities are in previous groundwater reports submitted to the NMOCD.

On September 12, 2013, WSP collected a sample of phase-separated hydrocarbons (PSH) from monitoring wells MW-2 and MW-4 for analysis of paraffins, isoparaffins, aromatics, naphthene, and olefins (PIANO) to speciate the chemical composition of the PSH and identify the potential for additional sources at the Site. The PSH samples collected indicated a natural gas condensate source; however, the results were inconclusive for differentiating two sources based on age or chemical composition. On November 5, 2013, WSP conducted a PSH bail down test in monitoring well MW-4 to assess potential PSH recovery options. All PSH was bailed down on November 5, 2013. PSH recovery was minimal, and only 12 percent (%) of the original PSH thickness had recovered within six days.

WSP USA
848 EAST SECOND AVENUE
DURANGO, CO 81301

Tel.: 970-385-1096
wsp.com

1. Continue with future work as stated within 2020 Annual Groundwater Report.
 - a. continue to measure depth to groundwater and depth to PSH quarterly in monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and MW-9
 - b. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells listed above if there is sufficient water and/or no PSH present
 - c. Follow WSP's recommendation to shut down or remove the solar powered pneumatic pumping system for the first quarter of 2021 at the Site to assess PSH levels in MW-6 and MW-4 and decide if the system is still needed
 - d. Continue addressing the PSH at the Site primarily. Once the PSH plume has been remediated, assess options to address dissolve phase groundwater impacts
 - e. Submit annual report no later than March 31, 2022



During 2018, Williams installed a solar powered pneumatic PSH recovery system in MW-6 at the Site. Harvest purchased the facility from Williams on October 1, 2018 and retained WSP to continue operation and maintenance of the PSH recovery system until its removal in November 2019. The PSH recovery system is rotated quarterly between Harvest sites and can be reinstalled if a rebound in PSH thickness is observed in MW-6. The PSH recovery system was installed again in February 2020, moved in March 2020, and reinstalled in June 2020.

Delineation and groundwater monitoring activities were conducted at the Site from October through November 2019. WSP conducted delineation activities in October 2019 by replacing damaged monitoring well MW-2 and installing monitoring wells MW-7(downgradient point of compliance (POC), MW-8 (cross gradient), and MW-9 (downgradient POC). WSP monitored groundwater elevations in all monitoring wells and collected groundwater samples in monitoring wells MW-1, MW-2R, MW-3, MW-5, MW-7, MW-8 and MW-9.

METHODOLOGY

Groundwater monitoring activities consisted of collecting quarterly elevations and annual groundwater samples in monitoring wells MW-1, MW-2R, MW-3, MW-5, MW-7, MW-8 and MW-9. PSH recovery and monitoring was performed in monitoring wells MW-4 and MW-6 throughout 2020. Bi-weekly to monthly site visits were conducted for operation and maintenance (O&M) of the pneumatic pumping system in 2020.

GROUNDWATER AND PSH LEVEL MEASUREMENTS

Prior to collection of groundwater samples, depth to groundwater in each well was measured using an oil/water interface probe. Groundwater elevations are detailed in Table 2. Presence of any PSH was investigated using the interface probe. The interface probe was decontaminated with Alconox™ soap and rinsed with distilled water prior to each measurement to prevent cross-contamination. Top-of-casing elevations from the survey were used to calculate groundwater potentiometric elevations, draft groundwater contours, and determine groundwater flow direction.

GROUNDWATER SAMPLING

On September 11, 2020 WSP collected groundwater samples utilizing polyvinyl chloride (PVC) bailers. Monitoring wells were purged a minimum of three casing volumes, or until the wells were bailed dry, prior to collecting groundwater samples. WSP used an Oakton® multi-probe water quality field meter to record pH, electrical conductance (EC), and temperature of the groundwater during the purging process to monitor for stabilization of the parameters to indicate groundwater within each monitoring well was indicative of groundwater conditions surrounding the wells. Purged water was containerized and disposed of at the Horse Canyon Compression facility.

Groundwater samples were collected by filling three 40-milliliter (mL) glass vials from each well. The laboratory-supplied vials were filled and capped with zero headspace to prevent degradation of the sample. Samples were labeled with the date and time of collection, well designation, project name, sample collector's name, and parameters to be analyzed. They were immediately sealed, packed on ice, and submitted to Hall Environmental Analyses Laboratory (HEAL) in Albuquerque, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B. Proper chain-of-custody (COC) procedures were followed documenting the date and time sampled, sample number, type of sample, sample collector's name, preservative used, analyses required, and sample collector's signature. Laboratory reports from September 2020 are included in Enclosure A and the 2020 groundwater sample collection forms are included in Enclosure B.

The following New Mexico Water Quality Control Commission (NMWQCC) standards apply to groundwater: 5 micrograms/L (µg/L) benzene, 1,000 µg/L toluene, 700 µg/L ethylbenzene, and 620 µg/L total xylenes.

PSH RECOVERY

In February 2018, WSP installed a solar powered pneumatic pumping system (solar sipper) in monitoring well MW-6. The pump utilizes a hydrophobic and oleophilic skimmer that floats on the water column to remove PSH from the water PSH interface. The system cycles between vacuum and pressure to move PSH to the surface, where it is containerized. A delay between pumping cycles allows for recharge of fluids in the monitoring well and prevents over-pumping to efficiently use the power generated from the solar panels. Bi-weekly to monthly site visits were conducted



in 2020 to monitor system performance, PSH recovery, and conduct system maintenance. Operational data and system maintenance data are summarized on Table 1. Product recovery socks were used in monitoring well MW-4 and MW-6 when PSH was present and the solar sipper was not installed at the site.

RESULTS

GROUNDWATER ELEVATIONS

Depth to groundwater at the Site was measure on March 10, 2020, June 26, 2020, September 11, 2020, and December 11, 2020. Groundwater elevations measured during the September 2020 monitoring event indicated the groundwater gradient flows is to the southeast with minor infections around the hydrological feature to the south, which is consistent with observations from previous monitoring events (Figures 2 through 5). Figure 4 depicts groundwater elevations and analytical results for the September 2020 monitoring event. Groundwater elevations and analytical results are detailed in Table 2 and Table 3, respectively.

During the September 2020 monitoring event, PSH were detected in monitoring wells MW-4 and MW-6. PSH thickness in MW-4 and MW-6 were measured at trace amounts in MW-4 and 0.07 feet in MW-6.

GROUNDWATER ANALYTICAL RESULTS

Laboratory analytical results from the September 2020 groundwater samples indicated monitoring wells MW-1, MW-3, MW-5 and MW02R exhibited benzene concentrations exceeding the NMWQCC standard for groundwater, with concentrations of 6.6 µg/L, 15 µg/L, 52 µg/L, and 580 µg/L respectively. Monitoring wells MW-4 and MW-6 were not sampled during this event due to the presences of PSH. POC monitoring wells MW-7 and MW-9 and cross gradient monitoring well MW-8 remain compliant with NMWQCC standards. Table 3 summarizes the historical groundwater analytical results. Figure 4 displays the analytical result and groundwater elevations for the September 2020 monitoring event and laboratory analytical results are listed in Enclosure A.

PSH RECOVERY

PSH was observed in monitoring well MW-4 in 2020 and approximately 0.37 gallons of PSH were recovered via a product recovery sock from MW-4 since October 19, 2020. Approximately 1.10 gallons of PSH were recovered from monitoring well MW-6 through a solar sipper. Table 1 summarizes the solar sipper data and PSH recovery at the Site. This solar sipper is rotated between various Harvest sites throughout the year. On November 19, 2019, WSP disassembled the solar sipper to move to another Harvest site. On February 26, 2020 WSP reinstalled the solar sipper in MW-6 at the Site. The system was rotated to another Harvest site on March 26, 2020 and reinstalled at the Site again on June 30, 2020 where the system stayed for the remainder of 2020.

CONCLUSION

Trace amounts of PSH was detected in monitoring well MW-4 and continues to accumulate in monitoring well MW-6, located downgradient of the original source area. After removal of the PSH recovery system in MW-6 and removal of an obstruction in monitoring well MW-4, product recovery socks were installed in both monitoring wells for PSH recovery. The solar sipper was installed in MW-6 in February 2020, removed in March 2020, and reinstalled again in June 2020. Approximately 1.10 gallons of PSH were recovered from monitoring well MW-6 through the solar sipper and 0.37 gallons from monitoring well MW-4 through product sock recovery in 2020.

Groundwater samples MW-1, MW-2R, MW-3 and MW-5 exhibited benzene concentrations exceeding the NMWQCC standard for groundwater. Groundwater samples MW-7, MW-8, and MW-9 did not exceed NMWQCC standards.

FUTURE WORK

Harvest will continue to measure depth to groundwater and depth to PSH quarterly in monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and MW-9. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells listed above if there is sufficient water and/or no PSH present. WSP recommends shutting down or removing the solar powered pneumatic pumping system for the first quarter of 2021 at the Site to assess PSH levels in MW-6 and MW-4 and decide if the system is still needed. Harvest is addressing the



PSH at the Site first. Once the PSH plume has been remediated, Harvest will assess options to address dissolve phase groundwater impacts.

Kind regards,

A handwritten signature in black ink, appearing to read 'Josh Adams'.

Josh Adams, P.G.
Associate Consultant, Geologist

A handwritten signature in black ink, appearing to read 'Ashley L. Ager'.

Ashley Ager, P.G.
Managing Director

Encl.

Figure 1: Site Location Map

Figure 2: Groundwater Elevation Contour Map (March 2020)

Figure 3: Groundwater Elevation Contour Map (June 2020)

Figure 4: Groundwater Elevations and Analytical Results (September 2020)

Figure 5: Groundwater Elevation Contour Map (December 2020)

Table 1: Pneumatic Product System Recovery

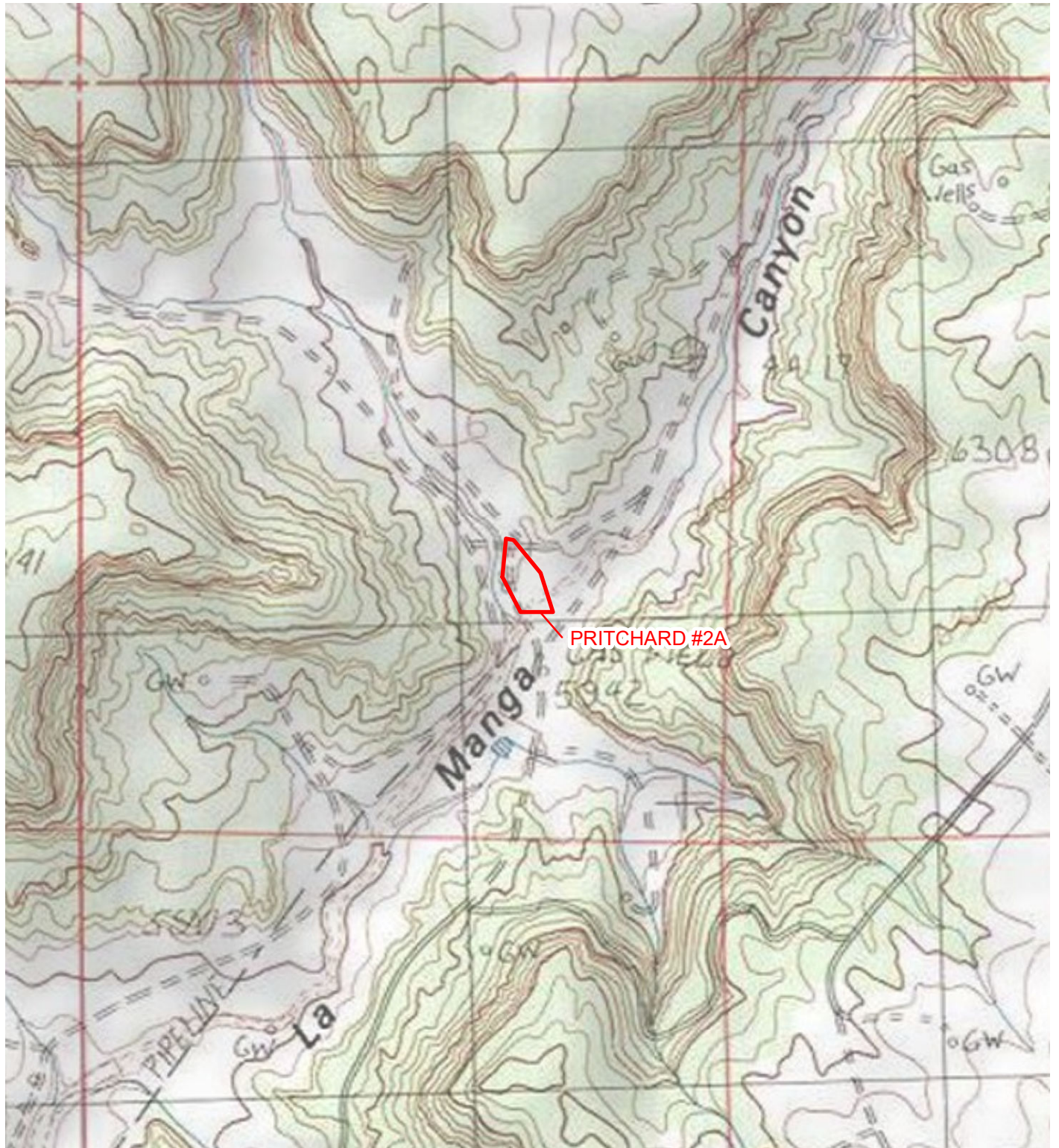
Table 2: Groundwater Elevation Summary

Table 3: Groundwater Analytical Results

Enclosure A: Laboratory Analytical Reports

Enclosure B: 2020 Sample Collection Forms

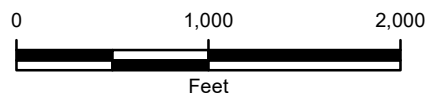
FIGURES



LEGEND

IMAGE COURTESY OF ESRI/USGS

 SITE LOCATION

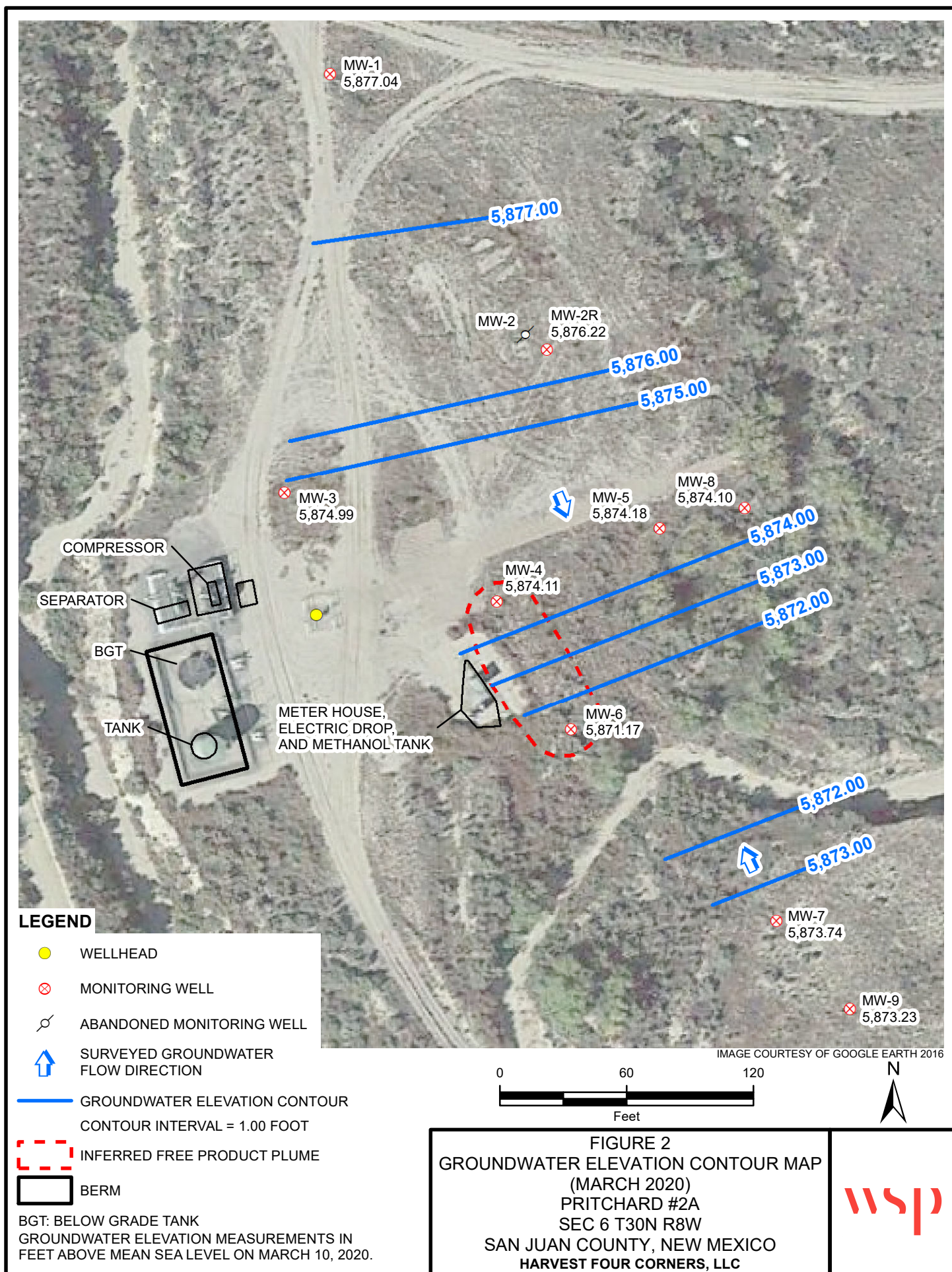


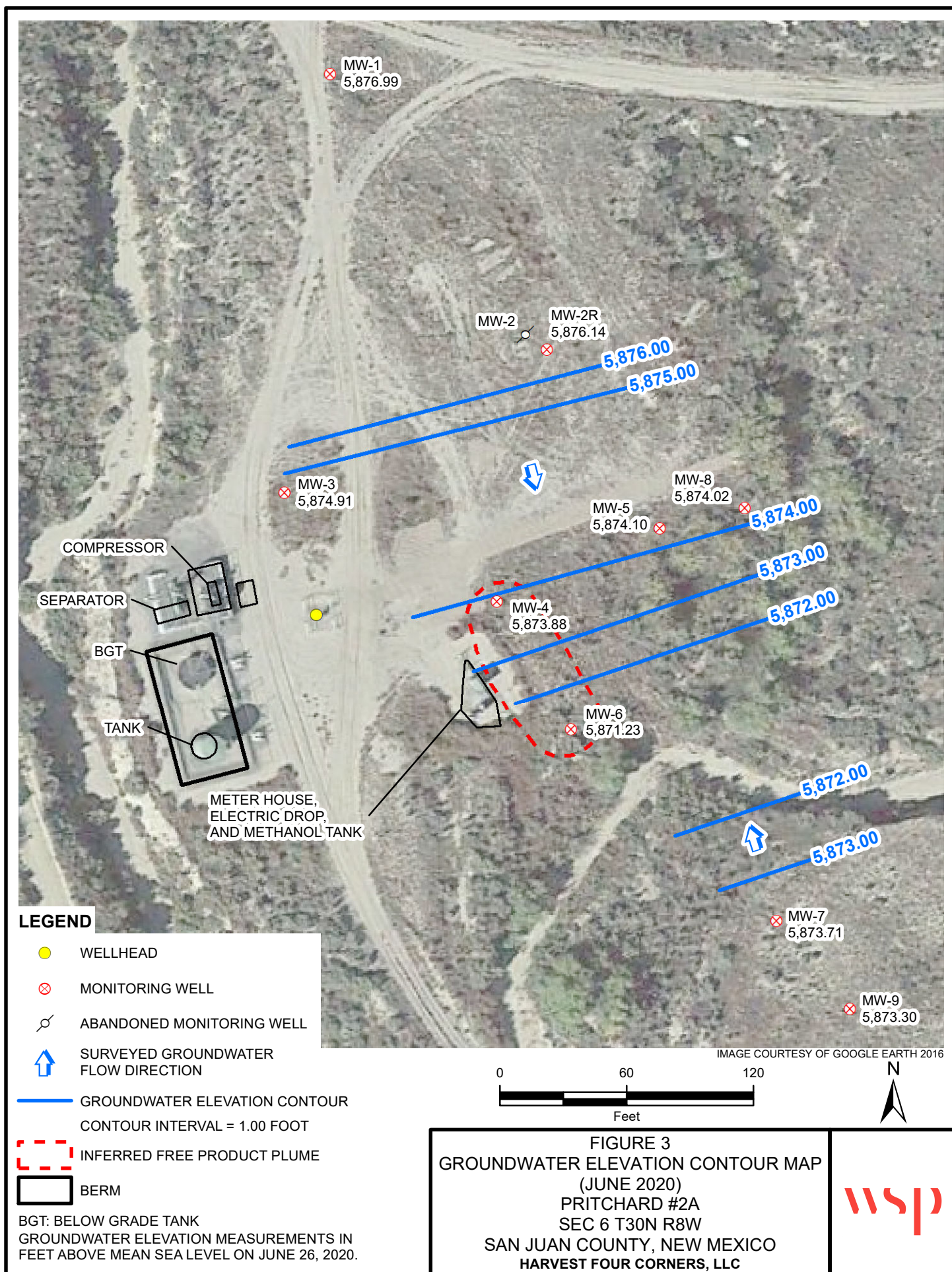
NEW MEXICO

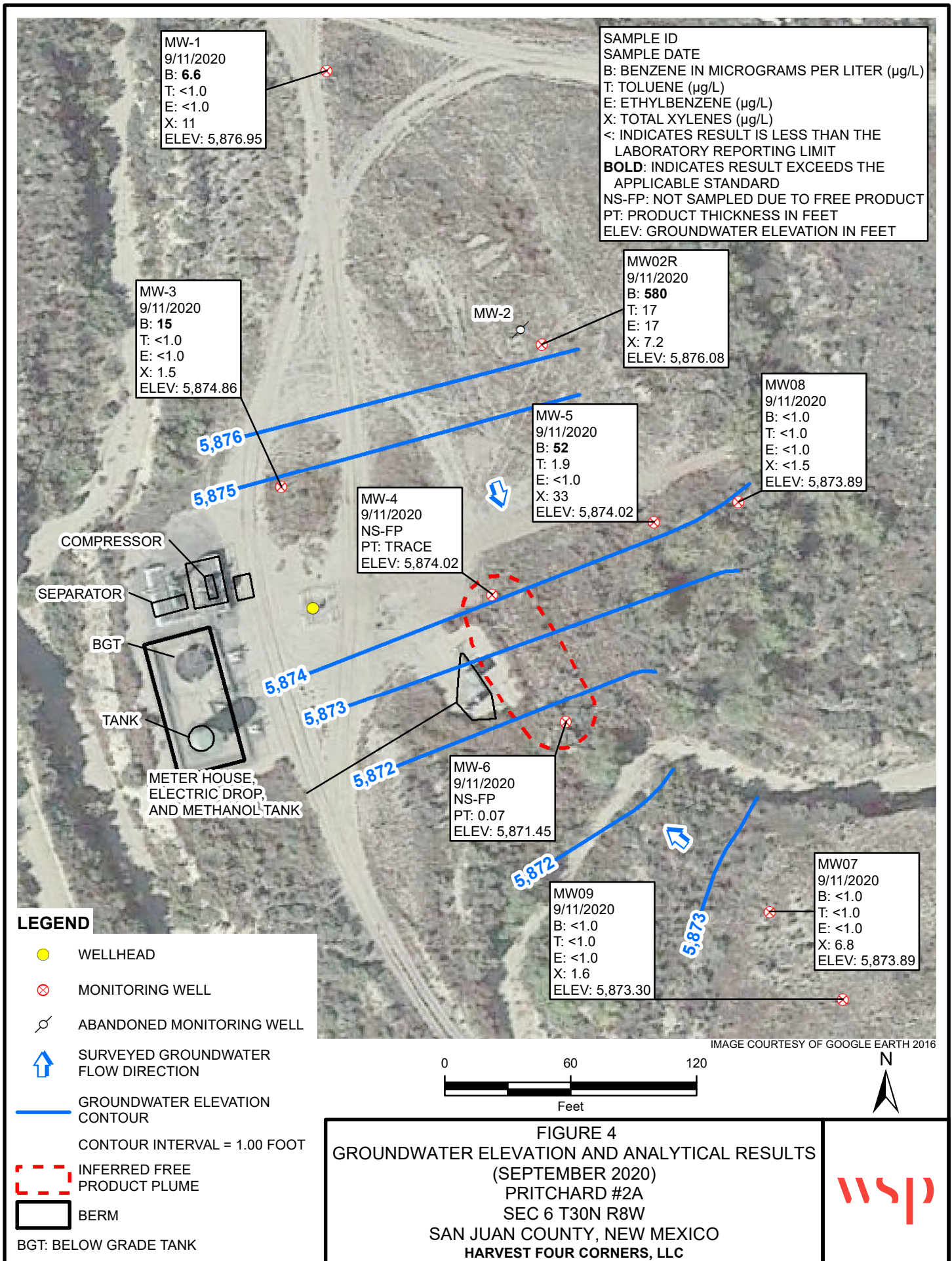
FIGURE 1
SITE LOCATION MAP
PRITCHARD #2A
SEC 6 T30N R8W
SAN JUAN COUNTY, NEW MEXICO
HARVEST FOUR CORNERS, LLC

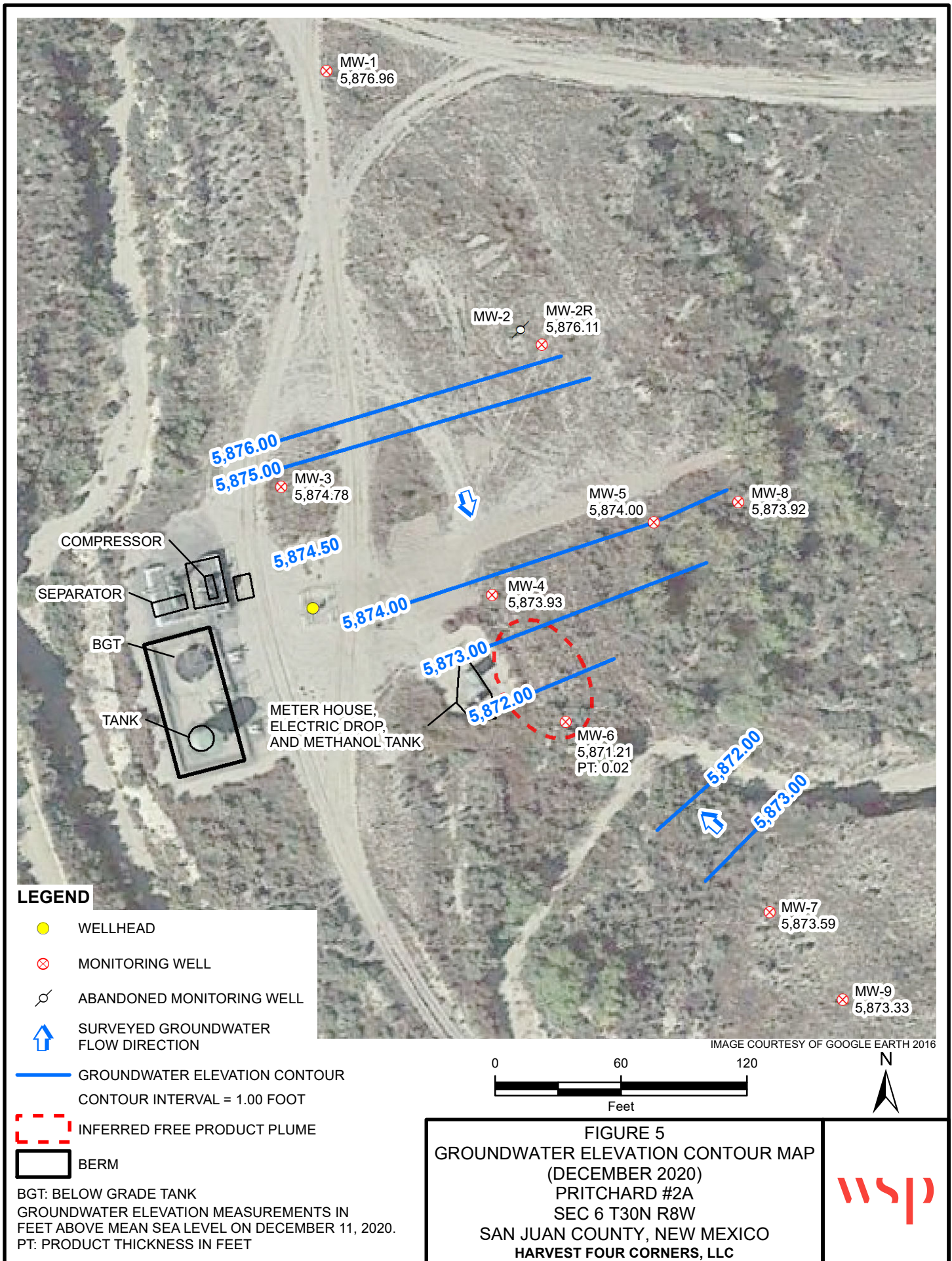


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TABLES

TABLE 1
PNEUMATIC PRODUCT SYSTEM RECOVERY
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Date	Well ID	Cycles	Run Time (hours)	Cycles (Lifetime)	Lifetime (hours)	Inches of Product in Barrel	Estimated Cumulative Product Recovered (gallons)	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Battery Voltage	System ON/OFF	Any Faults	Notes/Maintenance Completed
2/23/2018	MW-6	0	0	193	4:03:49	0.0	0.00	78.51	79.3	0.79	13.3	ON	NO	Installed system in MW-6.
2/26/2018	MW-6	9	3:02:07	202	7:09:55	1.0	1.72	NM	NM	NM	12.4	ON	NO	Set delay to 4 hours. Runtime Reset when delay was changed.
3/14/2018	MW-6	105	15:22:43	298	19:04:52	1.5	2.58	78.93	79.2	0.27	12.5	ON	NO	Well was vandalized/tampered with sometime between today and last visit.
3/20/2018	MW-6	174	21:22:24	367	25:04:34	3.0	5.16	NM	NM	NM	12.5	ON	NO	
4/13/2018	MW-6	460	45:22:46	653	49:04:56	3.5	6.02	NM	NM	NM	12.5	ON	NO	Unit was tipped over on arrival leaning against collection drum
4/30/2018	MW-6	651	62:19:23	853	66:01:33	4.5	7.75	NM	NM	NM	12.6	ON	NO	Ran to 660 cycles, no recovery observed, may need to extend delay. Product evaporating from collection drum.
5/31/2018	MW-6	1029	93:21:01	1231	97:03:11	0.25	11.26	78.79	79.25	0.46	12.6	ON	YES	Intake override fault. Cleared intake float restarted system with vac at 00:15 pressure at 00:45 and delay at 1:15.
6/29/2018	MW-6	1448	122:22:52	1650	126:05:02	0.5	15.16	NM	NM	NM	12.6	ON	NO	Delay set to 2:00 hours.
7/17/2018	MW-6	1663	140:22:11	1865	144:04:21	1.25	17.16	NM	NM	NM	12.5	ON	NO	Ran one cycle about an ounce of product recovered. Delay left at 2:00 hours.
8/2/2018	MW-6	1854	157:00:07	2056	160:06:17	3.25	18.93	79.06	79.10	0.04	12.6	ON	NO	Pulled pump and cleaned debris off screen and pump assembly.
8/29/2018	MW-6	2188	185:00:36	2391	188:06:46	4	22.04	79.14	79.16	0.02	12.5	ON	NO	Clean pump and skimmer, changed solar panel angle to 54°, change delay to 4 hours.
9/27/2018	MW-6	2356	216:01:06	2558	216:07:16	3	22.71	79.18	79.22	0.04	12.5	ON	NO	Cleaned pump and skimmer. Left skimmer depth and control settings.
10/12/2018	MW-6	2445	227:23:47	2647	231:05:57	2	23.78	79.18	79.49	0.31	12.6	ON	NO	Cleaned pump and skimmer. Skimmer left at same depth moved delay down to three hours.
11/6/2018	MW-6	2661	255:01:28	2863	002:07:38	1.5	27.02	NM	NM	NM	12.4	ON	NO	Cleaned pump and skimmer. Desiccant changed in dryers.
12/3/2018	MW-6	2859	23:22:02	3061	27:04:12	6	29.99	79.03	79.55	0.52	12.7	ON	NO	6" of product with approximately 1" of ice.
2019														
1/5/2019	MW-6	3039	57:00:06	3241	60:06:16	2.125	32.69	NM	NM	NM	12.4	ON	NO	Move to 12 hr, delay 20 sec. vac 35 sec pressure
1/21/2019	MW-6	3071	73:02:44	3273	76:08:55	3.25	33.17	ND	79.14	ND	12.4	ON	NO	Changed delay to 24 hours, pump was at 78.5 moved to 79° mid pump stroke.
2/26/2019	MW-6	3121	109:01:10	3323	112:07:20	5	33.92	ND	79.4	ND	12.4	ON	NO	No PSH detected. Cycle returned water. 3" of product in barrel with some ice at bottom of barrel
4/16/2019	MW-6	3176	158:00:48	3378	161:06:58	3	34.74	ND	79.39	ND	12.5	ON	NO	No PSH detected in well. Change air lines and clean solar panel. Adjust delay to 32 hours.
5/23/2019	MW-6	3204	195:02:55	3406	198:09:05	3	35.16	79.34	79.75	0.41	12.4	ON	NO	PSH detected. Cleaned screen and applied PSH to screen. Delay left at 32 hours.
7/29/2019	MW-6	3258	6:00:58	3460	9:07:08	3	35.97	79.37	79.45	0.08	12.5	ON	NO	Replace air lines due to weathering/cracking.
8/30/2019	MW-6	3290	38:00:33:29	3492	41:06:43:23	2	36.22	79.38	79.52	0.14	12.5	ON	NO	Delay at 30 hours. 2 inches of product in barrel 1/2 ounce recovered per cycle.
9/20/2019	MW-6	3306	59:04:10	3508	62:10:20	2	36.35	79.23	79.55	0.32	12.4	ON	NO	Clean pump and skimmer, adjust depth of skimmer. 1.5 oz. recovered after cleaning
11/6/2019	MW-6	3343	106:04:01	3545	109:10:11	3	41.68	79.49	80.14	0.65	12.4	ON	NO	Left delay at 30 hours. 1 oz of product recovered per cycle.
11/19/2019	MW-6	3353	119:02:38	3555	122:08:48	3	41.76	79.37	79.89	0.52	12.4	ON	NO	Disassembled sipper to move to Davis #1A
2020														
1/30/2020	MW-6	NA	NA	NA	NA	NA	41.89	NA	81.12	NA	NA	NA	NA	Removed product recovery sock from well 100% saturated (17 oz per sock)
2/26/2020	MW-6	4	0:00:02	694	1:03:08	0	42.02	79.51	79.63	0.12	12.5	ON	NO	Removed product sock from well 100% saturated (17 oz). Installed solar sipper and pump in well MW-6.
3/10/2020	MW-6	52	12:17:56	742	13:21:02 PM	NM	42.07	79.72	79.83	0.11	12.3	ON	NO	Wiped down solar panel and cleaned pump
3/20/2020	MW-6	92	22:18:00	782	11:20:06 PM	1	42.10	79.7	79.85	0.15	12.1	ON	NO	Wiped down solar panel and cleaned pump. No product observed in MW-4 left product recovery sock.
3/26/2020	MW-6	116	28:11:52	806	5:15:02 AM	1.5	42.13	79.58	79.69	0.11	12	ON	NO	Move sipper to Dogie CS. Install sock in MW-6
6/26/2020	MW-6	NA	NA	NA	NA	NA	42.28	79.49	79.78	0.29	NA	NA	NA	Sock 100% saturated, 3 oz of product bailed.
6/30/2020	MW-6	1	0:02:00	3791	9:05:23 PM	1	42.35	NA	79.74	NA	12.5	ON	NO	Sipper installed at MW-6 from Davis. Sock 50% saturated. Sock removed from well.
7/24/2020	MW-6	24	23:23:55	3814	93:05:15	1	42.44	77.32	77.34	0.02	12.5	ON	NO	Clean pump/solar panel, 1" of product in barrel, bailed 1 oz of product from well
8/6/2020	MW-6	37	37:00:56	3827	106:06:17	1	42.49	79.65	79.66	0.01	12.4	ON	NO	Clean pump/solar panel, 1" of product in barrel
9/8/2020	MW-6	33	32:23:22	3860	139:05:39	1	42.62	79.65	79.66	0.01	12.4	ON	NO	Clean solar panel. Pressure gauge not working at the sipper. Pressure and Vacuum observed at pump.
9/23/2020	MW-6	19	16:22:42	3879	156:04:42	1	42.69	79.87	79.98	0.11	12.4	ON	NO	Clean solar panel. Adjusted pump depth.
10/14/2020	MW-6	38	36:00:17	3898	175:06:07	<1	42.77	79.85	80.00	0.15	12.4	ON	NO	Clean solar panel. Adjusted pump depth to 76.85, ran 10 cycles and no PSH discharged.
10/26/2020	MW-6	59	48:01:04	3919	187:06:54	1	42.81	79.95	81.19	1.24	12.3	ON	NO	0.25 oz of product per cycle. Clear snow off solar panel.
11/9/2020	MW-6	73	62:03:07	3933	201:08:57	1	42.84	79.98	81.17	1.19	12.7	ON	NO	0.25 oz of product per cycle. System operating
11/24/2020	MW-6	89	77:03:11	3949	187:06:54	2.5	42.87	79.92	80.1	0.18	12.5	ON	NO	2 oz of product per cycle. Clean solar panel.
12/11/2020	MW-6	105	94:03:15	3965	233:09:05	3	42.90	79.76	79.78	0.02	12.4	ON	NO	0.25 oz of product per cycle. Vacuum gauge broken, system still operating.
12/18/2020	MW-6	111	101:01:35	3971	240:07:26	3	42.91	79.88	80.05	0.17	12.4	ON	NO	0.25 oz of product per cycle. Vacuum gauge broken, system still operating.
12/30/2020	MW-6	121	113:02:38	3981	252:08:28	2	42.99	80.02	80.07	0.05	12.4	ON	NO	1 oz PSH recovered in cycle. Changed solar panel angle to 51 degrees for winter.

Notes:

NM - not measured NA - not applicable ND - non-detectable

TABLE 2

**GROUNDWATER ELEVATION SUMMARY
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO**

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-1	2/28/2013	5,966.76	82.06	NP	NP	5,884.70
MW-1*	6/24/2013	5,961.21	82.24	NP	NP	5,878.97
MW-1	9/12/2013	5,961.21	82.35	NP	NP	5,878.86
MW-1	12/6/2013	5,961.21	82.51	NP	NP	5,878.70
MW-1	3/19/2014	5,961.21	82.68	NP	NP	5,878.53
MW-1	6/12/2014	5,961.21	82.75	NP	NP	5,878.46
MW-1	9/11/2014	5,961.21	82.90	NP	NP	5,878.31
MW-1	12/8/2014	5,961.21	83.02	NP	NP	5,878.19
MW-1	3/10/2015	5,961.21	83.12	NP	NP	5,878.09
MW-1	6/15/2015	5,961.21	83.15	NP	NP	5,878.06
MW-1	9/24/2015	5,961.21	83.31	NP	NP	5,877.90
MW-1	12/19/2015	5,961.21	83.39	NP	NP	5,877.82
MW-1	9/8/2016	5,961.21	83.51	NP	NP	5,877.70
MW-1	3/28/2017	5,961.21	83.62	NP	NP	5,877.59
MW-1	6/27/2017	5,961.21	83.70	NP	NP	5,877.51
MW-1***	11/5/2019	5,961.39	84.03	NP	NP	5,877.36
MW-1	3/10/2020	5,961.39	84.35	NP	NP	5,877.04
MW-1	6/26/2020	5,961.39	84.40	NP	NP	5,876.99
MW-1	9/11/2020	5,961.39	84.44	NP	NP	5,876.95
MW-1	12/11/2020	5,961.39	84.43	NP	NP	5,876.96
MW-2 **	2/28/2013	5,963.03	79.97	79.63	0.34	5,883.33
MW-2 *	6/24/2013	5,957.53	79.90	79.62	0.28	5,877.85
MW-2	9/12/2013	5,957.53	80.06	79.78	0.28	5,877.69
MW-2	12/6/2013	5,957.53	DRY	DRY	DRY	DRY
MW-2	3/19/2014	5,957.53	DRY	DRY	DRY	DRY
MW-2	6/12/2014	5,957.53	DRY	DRY	DRY	DRY
MW-2	9/11/2014	5,957.53	DRY	DRY	DRY	DRY
MW-2	12/8/2014	5,957.53	DRY	DRY	DRY	DRY
MW-2	3/10/2015	5,957.53	DRY	DRY	DRY	DRY
MW-2	6/15/2015	5,957.53	DRY	DRY	DRY	DRY
MW-2	9/24/2015	5,957.53	DRY	DRY	DRY	DRY
MW-2	12/19/2015	5,957.53	DRY	DRY	DRY	DRY
MW-2	9/8/2016	5,957.53	DRY	DRY	DRY	DRY
MW-2	3/28/2017	5,957.53	DRY	DRY	DRY	DRY
MW-2	6/27/2017	5,958.53	DRY	DRY	DRY	DRY
MW-2R***	11/5/2019	5,953.78	77.51	NP	NP	5,876.27
MW-2R	3/10/2020	5,953.78	77.56	NP	NP	5,876.22
MW-2R	6/26/2020	5,953.78	77.64	NP	NP	5,876.14

TABLE 2

**GROUNDWATER ELEVATION SUMMARY
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO**

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-2R	9/11/2020	5,953.78	77.70	NP	NP	5,876.08
MW-2R	12/11/2020	5,953.78	77.67	NP	NP	5,876.11
MW-3	2/28/2013	5,961.27	78.02	NP	NP	5,883.25
MW-3*	6/24/2013	5,955.95	78.22	NP	NP	5,877.73
MW-3	9/12/2013	5,955.95	78.37	NP	NP	5,877.58
MW-3	12/6/2013	5,955.95	78.51	NP	NP	5,877.44
MW-3	3/19/2014	5,955.95	78.71	NP	NP	5,877.24
MW-3	6/12/2014	5,955.95	78.84	NP	NP	5,877.11
MW-3	9/11/2014	5,955.95	79.01	NP	NP	5,876.94
MW-3	12/8/2014	5,955.95	79.18	NP	NP	5,876.77
MW-3	3/10/2015	5,955.95	79.29	NP	NP	5,876.66
MW-3	6/15/2015	5,955.95	79.40	NP	NP	5,876.55
MW-3	9/24/2015	5,955.95	79.55	NP	NP	5,876.40
MW-3	12/19/2015	5,955.95	79.63	NP	NP	5,876.32
MW-3	9/8/2016	5,955.95	79.90	NP	NP	5,876.05
MW-3	3/28/2017	5,955.95	80.17	NP	NP	5,875.78
MW-3	6/27/2017	5,955.95	80.20	NP	NP	5,875.75
MW-3***	11/5/2019	5,956.12	80.99	NP	NP	5,875.13
MW-3	3/10/2020	5,956.12	81.13	NP	NP	5,874.99
MW-3	6/26/2020	5,956.12	81.21	NP	NP	5,874.91
MW-3	9/11/2020	5,956.12	81.26	NP	NP	5,874.86
MW-3	12/11/2020	5,956.12	81.34	NP	NP	5,874.78
MW-4	2/28/2013	5,960.42	79.55	77.97	1.58	5,882.13
MW-4*	6/24/2013	5,955.12	79.72	78.18	1.54	5,876.63
MW-4	9/12/2013	5,955.12	79.73	78.43	1.30	5,876.43
MW-4	12/6/2013	5,955.12	79.03	78.82	0.21	5,876.26
MW-4	3/19/2014	5,955.12	79.29	78.97	0.32	5,876.09
MW-4	6/12/2014	5,955.12	79.25	79.20	0.05	5,875.91
MW-4	9/11/2014	5,955.12	79.45	79.40	0.05	5,875.71
MW-4	12/8/2014	5,955.12	79.49	79.46	0.03	5,875.65
MW-4	3/10/2015	5,955.12	79.59	79.58	0.01	5,875.54
MW-4	6/15/2015	5,955.12	79.73	79.70	0.03	5,875.41
MW-4	9/24/2015	5,955.12	79.87	79.83	0.04	5,875.28
MW-4	12/19/2015	5,955.12	79.88	79.86	0.02	5,875.26
MW-4	9/8/2016	5,955.12	80.23	80.10	0.13	5,874.99
MW-4	3/28/2017	5,955.12	80.27	0.00	0.00	5,874.85
MW-4	6/27/2017	5,955.12	80.33	0.00	0.00	5,874.79

TABLE 2

**GROUNDWATER ELEVATION SUMMARY
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO**

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-4	9/6/2017	5,955.12	80.35	0.00	0.00	5,874.77
MW-4***	11/5/2019	5,955.32	81.13	81.10	0.03	5,874.21
MW-4	3/10/2020	5,955.12	81.07	81.00	0.07	5,874.11
MW-4	6/26/2020	5,955.12	81.27	81.23	0.04	5,873.88
MW-4	9/11/2020	5,955.12	81.10	Trace	Trace	5,874.02
MW-4	12/11/2020	5,955.12	81.19	NP	NP	5,873.93
MW-5	2/28/2013	5,960.41	78.20	NP	NP	5,882.21
MW-5*	6/24/2013	5,955.09	78.39	NP	NP	5,876.70
MW-5	9/12/2013	5,955.09	78.55	NP	NP	5,876.54
MW-5	12/6/2013	5,955.09	78.72	NP	NP	5,876.37
MW-5	3/19/2014	5,955.09	78.91	NP	NP	5,876.18
MW-5	6/12/2014	5,955.09	79.04	NP	NP	5,876.05
MW-5	9/11/2014	5,955.09	79.20	NP	NP	5,875.89
MW-5	12/8/2014	5,955.09	79.03	NP	NP	5,876.06
MW-5	3/10/2015	5,955.09	79.41	NP	NP	5,875.68
MW-5	6/15/2015	5,955.09	79.53	NP	NP	5,875.56
MW-5	9/24/2015	5,955.09	79.63	NP	NP	5,875.46
MW-5	12/19/2015	5,955.09	79.70	NP	NP	5,875.39
MW-5	9/8/2016	5,955.09	79.91	NP	NP	5,875.18
MW-5	3/28/2017	5,955.09	80.14	NP	NP	5,874.95
MW-5	6/26/2017	5,955.09	80.15	NP	NP	5,874.94
MW-5***	11/5/2019	5,955.27	80.96	NP	NP	5,874.31
MW-5	3/10/2020	5,955.27	81.09	NP	NP	5,874.18
MW-5	6/26/2020	5,955.27	81.17	NP	NP	5,874.10
MW-5	9/11/2020	5,955.27	81.25	NP	NP	5,874.02
MW-5	12/11/2020	5,955.27	81.27	NP	NP	5,874.00
MW-6	2/28/2013	5,958.24	67.56	NP	NP	5,890.68
MW-6*	6/24/2013	5,952.97	76.74	NP	NP	5,876.23
MW-6	9/12/2013	5,952.97	76.93	NP	NP	5,876.04
MW-6	12/6/2013	5,952.97	77.09	NP	NP	5,875.88
MW-6	3/19/2014	5,952.97	77.30	NP	NP	5,875.67
MW-6	6/12/2014	5,952.97	77.44	NP	NP	5,875.53
MW-6	9/11/2014	5,952.97	77.62	NP	NP	5,875.35
MW-6	12/8/2014	5,952.97	77.72	NP	NP	5,875.25
MW-6	3/10/2015	5,952.97	77.84	NP	NP	5,875.13
MW-6	6/15/2015	5,952.97	77.94	NP	NP	5,875.03
MW-6	9/24/2015	5,952.97	78.09	78.09†	<0.01	5,874.88

TABLE 2
GROUNDWATER ELEVATION SUMMARY
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Date	Top of Casing Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW-6	12/19/2015	5,952.97	78.26	78.08	0.18	5,874.72
MW-6	9/8/2016	5,952.97	79.10	78.18	0.92	5,873.94
MW-6	3/28/2017	5,952.97	79.80	78.45	1.35	5,873.28
MW-6	6/27/2017	5,952.97	79.85	78.29	1.56	5,873.24
MW-6	9/6/2017	5,952.97	79.84	78.32	1.52	5,873.25
MW-6***	11/5/2019	5,950.99	80.14	79.49	0.65	5,870.90
MW-6	3/10/2020	5,950.99	79.83	79.72	0.11	5,871.17
MW-6	6/26/2020	5,950.99	79.78	79.49	0.29	5,871.23
MW-6	9/11/2020	5,950.99	79.55	79.48	0.07	5,871.45
MW-6	12/11/2020	5,950.99	79.78	79.76	0.02	5,871.21
MW-7***	11/5/2019	5,952.61	79.13	NP	NP	5,873.48
MW-7	3/10/2020	5,952.61	78.87	NP	NP	5,873.74
MW-7	6/26/2020	5,952.61	78.90	NP	NP	5,873.71
MW-7	9/11/2020	5,952.61	79.06	NP	NP	5,873.55
MW-7	12/11/2020	5,952.61	79.02	NP	NP	5,873.59
MW-8***	11/5/2019	5,955.36	81.13	NP	NP	5,874.23
MW-8	3/10/2020	5,955.36	81.26	NP	NP	5,874.10
MW-8	6/26/2020	5,955.36	81.34	NP	NP	5,874.02
MW-8	9/11/2020	5,955.36	81.47	NP	NP	5,873.89
MW-8	12/11/2020	5,955.36	81.44	NP	NP	5,873.92
MW-9***	11/5/2019	5,953.01	79.67	NP	NP	5,873.34
MW-9	3/10/2020	5,953.01	79.78	NP	NP	5,873.23
MW-9	6/26/2020	5,953.01	79.71	NP	NP	5,873.30
MW-9	9/11/2020	5,953.01	79.71	NP	NP	5,873.30
MW-9	12/11/2020	5,953.01	79.68	NP	NP	5,873.33

Notes:

AMSL - above mean sea level

BTOC - below top of casing

NP - no product

* Top of casing elevation was resurveyed on 6/19/2013

** Product recovery sock was present in well, elevation does not represent static water level

*** Top of casing elevation was resurveyed on 12/18/2019

† Oil-water interface probe did not detect phase separated hydrocarbons. LTE visually observed phase separated hydrocarbons using a bailer.

Groundwater elevation calculation in wells with product: (Top of Casing Elevation - Depth to Water) + (Product Thickness * 0.8)

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-1	5/26/1999	260	880	86	890
MW-1	8/17/1999	180	270	25	370
MW-1	10/20/1999	260	720	36	420
MW-1	1/26/2000	260	620	26	460
MW-1	4/17/2000	250	580	23	340
MW-1	11/16/2000	89.1	69.5	11.1	39.7
MW-1	1/17/2001	316	418	15.1	178
MW-1	4/27/2001	363	316	5.75	283
MW-1	10/16/2001	140	7.3	<2.0	110
MW-1	3/30/2002	120	150	ND	270
MW-1	6/16/2002	79	20	ND	110
MW-1	9/20/2004	<2.0	<2.0	<2.0	12
MW-1	12/6/2004	2.6	8.6	<2.0	53
MW-1	3/7/2005	13	2.3	ND	53
MW-1	6/18/2005	ND	ND	ND	7.9
MW-1	9/16/2005	<2.0	<2.0	<2.0	15
MW-1	11/28/2005	ND	4.5	ND	65.7
MW-1	7/13/2006	17.5	6	>1.0	57.2
MW-1	3/29/2010	18.3	2.7	<1.0	71.1
MW-1	6/18/2010	26.5	19	<1.0	36.3
MW-1	9/10/2010	20	<1.0	<1.0	30.2
MW-1	12/4/2010	17.9	8.7	<1.0	91.6
MW-1	3/11/2011	5.5	2.8	<1.0	65.1
MW-1	6/14/2011	2.2	<1.0	<1.0	16.9
MW-1	9/12/2011	1.9	<1.0	<1.0	23.3
MW-1	1/3/2012	6.2	8	<1.0	78.1
MW-1	4/2/2012	23.5	<1.0	7.7	45.9
MW-1	6/13/2012	19.0	<1.0	4.4	33.6
MW-1	10/2/2012	8.0	<1.0	5.6	40.7
MW-1	12/6/2012	22.0	<1.0	6.4	52.2
MW-1	2/28/2013	2.3	<1.0	<1.0	93
MW-1	6/24/2013	65	53	<2.0	370
MW-1*	9/12/2013	19	25	1.5	210

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-1	12/11/2013	5.6	3.3	<2.0	51
MW-1	3/19/2014	<2.0	<2.0	<2.0	<4.0
MW-1	6/12/2014	7.1	3.3	<1.0	130
MW-1	9/11/2014	12	12	<1.0	100
MW-1	12/8/2014	31	42	<2.0	270
MW-1	3/10/2015	17	15	<2.0	230
MW-1	9/24/2015	11	5.7	<1.0	110
MW-1	9/8/2016	9.2	11	<1.0	100
MW-1	11/5/2019	5.2	1.2	<1.0	35
MW-1	9/11/2020	6.6	<1.0	<1.0	11
MW-2	5/26/1999	98	85	18	120
MW-2	3/7/2005	6,100	8,200	650	8,100
MW-2	11/29/2005	115	144	41	139
MW-2	7/13/2006	6,300	28,500	2,740	49,500
MW-2	9/10/2010	4,490	10,600	277	7,700
MW-2	3/11/2011	3,690	6,380	243	5,440
MW-2	1/3/2012	721	1,280	73.6	1,060
MW-2	4/2/2012	NS	NS	NS	NS
MW-2	6/13/2012	NS	NS	NS	NS
MW-2	10/2/2012	NS	NS	NS	NS
MW-2	12/6/2012	NS	NS	NS	NS
MW-2	2/28/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-2	6/24/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-2	9/12/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-2	12/6/2013	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	3/19/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	6/12/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	9/11/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	12/8/2014	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	3/10/2015	NS-IW	NS-IW	NS-IW	NS-IW
MW-2	9/8/2016	NS-IW	NS-IW	NS-IW	NS-IW

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS

PRITCHARD #2A

SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-2R	11/5/2019	150	1,100	77	1,100
MW-2R	9/11/2020	580	17	17	7.2
MW-3	8/17/1999	170	100	23	150
MW-3	10/20/1999	320	250	50	360
MW-3	1/26/2000	460	380	180	1,300
MW-3	4/17/2000	310	150	180	1,100
MW-3	11/16/2000	100	43.6	21.3	99
MW-3	1/17/2001	64.8	81.4	8.7	54.9
MW-3	4/27/2001	1.98	<1	<1	<1
MW-3	10/16/2001	<1.0	<2.0	<2.0	<2.0
MW-3	3/30/2002	3.6	ND	ND	9
MW-3	6/16/2002	15	2.6	ND	10
MW-3	12/6/2004	4.3	5.2	>2.0	5.6
MW-3	9/20/2004	>2.0	>2.0	>2.0	>5.0
MW-3	3/7/2005	5.8	6	ND	8.2
MW-3	6/18/2005	ND	ND	ND	ND
MW-3	9/16/2005	2.5	<2.0	<2.0	<5.0
MW-3	11/29/2005	4.8	4.9	ND	ND
MW-3	7/18/2006	56.7	6.3	>1.0	7.8
MW-3	3/29/2010	6.0	<1.0	<1.0	4.32
MW-3	6/18/2010	4.4	<1.0	<1.0	5.8
MW-3	9/10/2010	17.6	4.3	1.9	20.2
MW-3	12/4/2010	26.5	<1.0	1.9	16.4
MW-3	3/11/2011	10.6	<1.0	<1.0	4.4
MW-3	6/14/2011	10.1	<1.0	1.3	12.0
MW-3	9/12/2011	21.2	<1.0	3.0	22.8
MW-3	1/3/2012	8.3	<1.0	<1.0	7.6
MW-3	4/2/2012	18.2	1.8	<1.0	7.5
MW-3	6/13/2012	35.5	4.5	<1.0	20.7
MW-3	10/2/2012	NS	NS	NS	NS
MW-3	12/6/2012	NS	NS	NS	NS
MW-3	2/28/2013	18	<1.0	<1.0	3.5

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-3	6/24/2013	130	<1.0	2.1	18
MW-3	9/12/2013	21	3.4	<1.0	6.9
MW-3	12/11/2013	18	<1.0	<1.0	2.7
MW-3	3/19/2014	9.2	<1.0	<1.0	<2.0
MW-3	6/12/2014	69	<1.0	1.0	8.4
MW-3	9/11/2014	28	<1.0	<1.0	7.6
MW-3	12/8/2014	38	1.0	<1.0	5.9
MW-3	3/10/2015	33	<1.0	<1.0	8.00
MW-3	9/24/2015	31	<1.0	1.1	6.90
MW-3	9/8/2016	37	3.3	1.6	18
MW-3	11/6/2019	230	8.6	6.6	35
MW-3	9/11/2020	15	<1.0	<1.0	1.5
MW-4	12/6/2004	750	2,100	250	2,400
MW-4	4/2/2012	NS	NS	NS	NS
MW-4	6/13/2012	NS	NS	NS	NS
MW-4	10/2/2012	NS	NS	NS	NS
MW-4	12/6/2012	NS	NS	NS	NS
MW-4	2/28/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	6/24/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	9/12/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	12/6/2013	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	3/19/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	6/12/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	9/11/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	12/8/2014	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	3/10/2015	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	9/8/2015	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	11/5/2019	NS-FP	NS-FP	NS-FP	NS-FP
MW-4	9/11/2020	NS-FP	NS-FP	NS-FP	NS-FP

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-5	5/26/1999	97	82	18	110
MW-5	1/26/2000	370	290	160	940
MW-5	4/17/2000	220	1,200	220	1,900
MW-5	11/16/2000	90.9	146	23.9	153
MW-5	1/17/2001	199	260	46.7	326
MW-5	4/27/2001	3.1	8.34	<1	9.27
MW-5	10/16/2001	1.8	2.3	<2.0	<2.0
MW-5	3/30/2002	15	19	ND	71
MW-5	6/16/2002	23	30	4.4	56
MW-5	9/20/2004	>2.0	>2.0	2.2	>5.0
MW-5	12/6/2004	2.4	2.2	2.2	8.5
MW-5	3/7/2005	ND	ND	2.2	ND
MW-5	6/18/2005	ND	ND	ND	6.3
MW-5	9/16/2005	<2.0	<2.0	<2.0	5.5
MW-5	11/29/2005	2.9	ND	ND	8.8
MW-5	7/18/2006	21.7	7.6	>1.0	44.7
MW-5	3/29/2010	98.7	1.4	1.3	48.4
MW-5	6/18/2010	58.2	1.0	<1.0	28.5
MW-5	9/10/2010	108	3.9	<1.0	90.1
MW-5	12/4/2010	4.6	<1.0	<1.0	8.2
MW-5	6/14/2011	22.1	1.4	1.0	24.0
MW-5	9/12/2011	12.4	<1.0	<1.0	12.6
MW-5	1/3/2012	36.3	5.5	<1.0	31.6
MW-5	6/13/2012	3.3	<1.0	<1.0	<3.0
MW-5	10/2/2012	18.2	<1.0	3.7	21.2
MW-5	12/6/2012	35.4	<1.0	2.7	30.6
MW-5	2/28/2013	17	2.4	<1.0	14
MW-5	6/24/2013	110	30	4.3	220
MW-5	9/12/2013	32	6.9	1.7	78
MW-5	12/6/2013	49	4.7	<1.0	140
MW-5	3/19/2014	10	<2.0	<2.0	<4.0
MW-5	6/12/2014	170	18	1.8	180
MW-5	9/11/2014	40	3.4	<1.0	55

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-5	12/8/2014	73	11	1.0	100
MW-5	3/10/2015	100	2.2	<2.0	110
MW-5	9/24/2015	19	1.4	<1.0	41
MW-5	9/8/2016	20	<1.0	<1.0	17
MW-5	11/5/2019	89	1.9	1.1	59
MW-5	9/11/2020	52	1.9	<1.0	33
MW-6	9/20/2004	11	40	20	110
MW-6	3/7/2005	110	330	48	460
MW-6	6/18/2005	1,100	2,100	280	2,200
MW-6	9/16/2005	100	140	68	420
MW-6	11/29/2005	49.1	100	62.6	261
MW-6	7/18/2006	795	1,480	285	2,450
MW-6	3/29/2010	777	12.2	187	1,010
MW-6	6/18/2010	2,300	<10.0	510	2,650
MW-6	9/10/2010	829	<10.0	166	804
MW-6	12/4/2010	1,700	6.6	481	1,530
MW-6	3/11/2011	1,650	<5.0	268	926
MW-6	6/14/2011	1,940	<10.0	450	1,340
MW-6	9/12/2011	811	2.0	185	452
MW-6	1/3/2012	1,280	<20.0	357	695
MW-6	4/2/2012	1,210	259	36.2	423
MW-6	6/13/2012	1,360	501	103	981
MW-6	10/2/2012	882	375	40.8	767
MW-6	12/6/2012	768	299	8.4	427
MW-6	2/28/2013	430	590	210	870
MW-6	6/24/2013	280	34	110	280
MW-6	9/12/2013	970	67	460	1,000
MW-6	12/6/2013	540	76	520	1,100
MW-6	9/11/2014	530	27	94	240
MW-6	9/24/2015	NS-FP	NS-FP	NS-FP	NS-FP
MW-6	11/5/2019	NS-FP	NS-FP	NS-FP	NS-FP
MW-6	9/11/2020	NS-FP	NS-FP	NS-FP	NS-FP
MW-7	11/5/2019	13	32	22	250

TABLE 3

GROUNDWATER LABORATORY ANALYTICAL RESULTS
PRITCHARD #2A
SAN JUAN COUNTY, NEW MEXICO

Well Name	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard (µg/L)		5	1000	700	620
MW-7	9/11/2020	<1.0	<1.0	<1.0	6.8
MW-8	11/5/2019	<1.0	<1.0	<1.0	<2.0
MW-8	9/11/2020	<1.0	<1.0	<1.0	<1.5
MW-9	11/5/2019	2.0	26	16	250
MW-9	9/11/2020	<1.0	<1.0	<1.0	1.6

Notes:

µg/L - micrograms per liter

ND - not detected above laboratory reporting limits

NMWQCC - New Mexico Water Quality Control Commission

NS - not sampled

NS-FP - not sampled due to the presence of free-phase hydrocarbons in the well

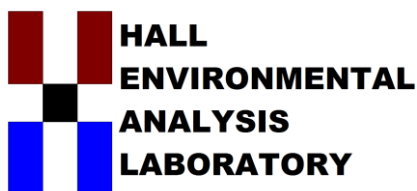
NS-IW - not sampled due to insufficient water volume in the well

< - indicates result is less than laboratory reporting detection limit

* Please note when comparing to laboratory report MW-1 was mislabeled as MW-7

Bold - indicates sample exceeds NMWQCC standard

ENCLOSURE A – LABORATORY ANALYTICAL RESULTS



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

September 15, 2020

Kijun Hong

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Pritchard

OrderNo.: 2009698

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 7 sample(s) on 9/12/2020 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-1

Project: Pritchard

Collection Date: 9/11/2020 11:20:00 AM

Lab ID: 2009698-001

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	6.6	1.0		µg/L	1	9/13/2020 4:30:00 PM	SL71801
Toluene	ND	1.0		µg/L	1	9/13/2020 4:30:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 4:30:00 PM	SL71801
Xylenes, Total	11	1.5		µg/L	1	9/13/2020 4:30:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	9/13/2020 4:30:00 PM	SL71801
Surr: Dibromofluoromethane	98.9	70-130		%Rec	1	9/13/2020 4:30:00 PM	SL71801
Surr: Toluene-d8	101	70-130		%Rec	1	9/13/2020 4:30:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-2R

Project: Pritchard

Collection Date: 9/11/2020 11:55:00 AM

Lab ID: 2009698-002

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	580	20		µg/L	20	9/13/2020 4:53:00 PM	SL71801
Toluene	17	2.0		µg/L	2	9/13/2020 5:17:00 PM	SL71801
Ethylbenzene	17	2.0		µg/L	2	9/13/2020 5:17:00 PM	SL71801
Xylenes, Total	7.2	3.0		µg/L	2	9/13/2020 5:17:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	2	9/13/2020 5:17:00 PM	SL71801
Surr: Dibromofluoromethane	103	70-130		%Rec	2	9/13/2020 5:17:00 PM	SL71801
Surr: Toluene-d8	93.4	70-130		%Rec	2	9/13/2020 5:17:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-3

Project: Pritchard

Collection Date: 9/11/2020 1:00:00 PM

Lab ID: 2009698-003

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	15	1.0		µg/L	1	9/13/2020 6:04:00 PM	SL71801
Toluene	ND	1.0		µg/L	1	9/13/2020 6:04:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 6:04:00 PM	SL71801
Xylenes, Total	1.5	1.5		µg/L	1	9/13/2020 6:04:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	9/13/2020 6:04:00 PM	SL71801
Surr: Dibromofluoromethane	99.1	70-130		%Rec	1	9/13/2020 6:04:00 PM	SL71801
Surr: Toluene-d8	100	70-130		%Rec	1	9/13/2020 6:04:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-5

Project: Pritchard

Collection Date: 9/11/2020 12:23:00 PM

Lab ID: 2009698-004

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	52	1.0		µg/L	1	9/13/2020 6:52:00 PM	SL71801
Toluene	1.9	1.0		µg/L	1	9/13/2020 6:52:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 6:52:00 PM	SL71801
Xylenes, Total	33	1.5		µg/L	1	9/13/2020 6:52:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	9/13/2020 6:52:00 PM	SL71801
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	9/13/2020 6:52:00 PM	SL71801
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	9/13/2020 6:52:00 PM	SL71801
Surr: Toluene-d8	101	70-130		%Rec	1	9/13/2020 6:52:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-7

Project: Pritchard

Collection Date: 9/11/2020 1:38:00 PM

Lab ID: 2009698-005

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	ND	1.0		µg/L	1	9/13/2020 7:39:00 PM	SL71801
Toluene	ND	1.0		µg/L	1	9/13/2020 7:39:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 7:39:00 PM	SL71801
Xylenes, Total	6.8	1.5		µg/L	1	9/13/2020 7:39:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	94.8	70-130		%Rec	1	9/13/2020 7:39:00 PM	SL71801
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	9/13/2020 7:39:00 PM	SL71801
Surr: Dibromofluoromethane	100	70-130		%Rec	1	9/13/2020 7:39:00 PM	SL71801
Surr: Toluene-d8	93.8	70-130		%Rec	1	9/13/2020 7:39:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-8

Project: Pritchard

Collection Date: 9/11/2020 12:55:00 PM

Lab ID: 2009698-006

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: CCM	
Benzene	ND	1.0		µg/L	1	9/13/2020 8:03:00 PM	SL71801
Toluene	ND	1.0		µg/L	1	9/13/2020 8:03:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 8:03:00 PM	SL71801
Xylenes, Total	ND	1.5		µg/L	1	9/13/2020 8:03:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	9/13/2020 8:03:00 PM	SL71801
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	9/13/2020 8:03:00 PM	SL71801
Surr: Dibromofluoromethane	102	70-130		%Rec	1	9/13/2020 8:03:00 PM	SL71801
Surr: Toluene-d8	99.6	70-130		%Rec	1	9/13/2020 8:03:00 PM	SL71801

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

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

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Analytical Report

Lab Order 2009698

Date Reported: 9/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest

Client Sample ID: MW-9

Project: Pritchard

Collection Date: 9/11/2020 2:05:00 PM

Lab ID: 2009698-007

Matrix: GROUNDWA

Received Date: 9/12/2020 8:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST							Analyst: CCM
Benzene	ND	1.0		µg/L	1	9/13/2020 8:26:00 PM	SL71801
Toluene	ND	1.0		µg/L	1	9/13/2020 8:26:00 PM	SL71801
Ethylbenzene	ND	1.0		µg/L	1	9/13/2020 8:26:00 PM	SL71801
Xylenes, Total	1.6	1.5		µg/L	1	9/13/2020 8:26:00 PM	SL71801
Surr: 1,2-Dichloroethane-d4	93.7	70-130		%Rec	1	9/13/2020 8:26:00 PM	SL71801
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	9/13/2020 8:26:00 PM	SL71801
Surr: Dibromofluoromethane	103	70-130		%Rec	1	9/13/2020 8:26:00 PM	SL71801
Surr: Toluene-d8	100	70-130		%Rec	1	9/13/2020 8:26:00 PM	SL71801

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

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

Page 7 of 8

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

WO#: 2009698

15-Sep-20

Client: Harvest
Project: Pritchard

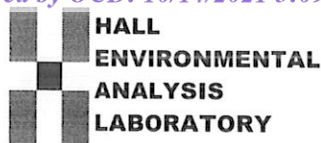
Sample ID: 100ng 8260 lcs	SampType: LCS		TestCode: EPA Method 8260: Volatiles Short List							
Client ID: LCSW	Batch ID: SL71801		RunNo: 71801							
Prep Date:	Analysis Date: 9/13/2020		SeqNo: 2512602		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	107	70	130			
Toluene	21	1.0	20.00	0	106	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.0	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.5	70	130			
Surr: Dibromofluoromethane	10		10.00		99.7	70	130			
Surr: Toluene-d8	10		10.00		99.6	70	130			

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8260: Volatiles Short List							
Client ID: PBW	Batch ID: SL71801		RunNo: 71801							
Prep Date:	Analysis Date: 9/13/2020		SeqNo: 2512605		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								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.7	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.2	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		103	70	130			

Qualifiers:

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

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



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: **Harvest**Work Order Number: **2009698**

RcptNo: 1

Received By: **Isaiah Ortiz**

9/12/2020 8:08:00 AM

I-Ox

Completed By: **Isaiah Ortiz**

9/12/2020 9:00:23 AM

I-Ox

Reviewed By:

09/12/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. 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:

10
9/12/20

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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.6	Good	Not Present			

Chain-of-Custody Record

Client: Harvest Four Corners
Kiwan Hong
 Mailing Address: 1755 Arroyo Dr.
Bloomfield, NM
 Phone #: _____

email or Fax#: Kiwan.Hong@harvestfourcorners.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type) _____

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Pritchard

Project #:

Project Manager:

Brooke Herb

Sampler: E. Carroll

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CFI): 2.6°C - 0.1°C / 26°C (°C)

Container Type and #

Preservative Type

HEAL No.

2009698

3 vOA

HCl

001

002

003

004

005

006

007

↓

↓

↓

↓

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Remarks:

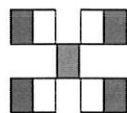
Please cc: ecarroll@tenv.com

Received by: Christine Wacker Date: 9/11/2020 Time: 1556

Received by: E. Carroll Date: 9/12/20 Time: 0808

Relinquished by: E. Carroll Date: 9/11/2020 Time: 1556

Relinquished by: Christine Wacker Date: 9/12/2020 Time: 1753



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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, NO₃, NO₂, PO₄, SO₄
 8260 (VOA)
 8270 (Semi-VOA)
 Total Coliform (Present/Absent)

BTEX / MTBE / TMB's (8021)

ENCLOSURE B – 2020 SAMPLE COLLECTION FORMS

848 E. 2nd Avenue
Durango, Colorado 81301
T 970.385.1096

848 E. 2nd Avenue
Durango, Colorado 81301
T 970.385.1096

Date: 9/11/2020

Groundwater Sample Collection Form



LT Environmental, Inc.

848 E. 2nd Avenue
Durango, Colorado 81301
T 970.385.1096

Project Name: Groundwater Monitoring
Project Number: 090319012

Project Location: Pritchard #2A
 Sampler: Eric Carroll

Sample ID: MW-3
Sample Date: 9/10/2020
Laboratory: Hall Environmental
Analyses: BTEX 8021

Matrix: Groundwater
Sample Time: 1308
Shipping Method: Courier

Depth to Water: 81.26
Time: 1300

Total Depth of Well:
Depth to Product: NA

Vol. of Water to Purge: *Grab*

(height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols

Method of Purging: PVC Bailer

Method of Sampling: PVC Bailer

[illegible]

Comments: Grab Sample

Describe Deviations from SOP:

Signature: Yoni Carreras

Date: 9/11/2020

848 E. 2nd Avenue
Durango, Colorado 81301
T 970.385.1096

Date: 9/11/2020

848 E. 2nd Avenue
Durango, Colorado 81301
T 970.385.1096

Vol. of Water to Purge: 4 (height of water column * 0.1631 for 2" well or 0.6524 for 4" well) * 3 well vols

Method of Purging: PVC Bailer

Method of Sampling: PVC Bailer

Date: 9/11/2020

848 E. 2nd Avenue
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Durango, Colorado 81301
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Total Depth of Well: 88.41
Depth to Product: NA

Method of Sampling: PVC Bailer

Date: 9/11/2020

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 55858

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID:
	373888
	Action Number:
	55858
Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Continue with future work as stated within 2020 Annual Groundwater Report. a. continue to measure depth to groundwater and depth to PSH quarterly in monitoring wells MW-1, MW-2R, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and MW-9 b. Groundwater samples will be collected annually and analyzed for BTEX from monitoring wells listed above if there is sufficient water and/or no PSH present c. Follow WSP's recommendation to shut down or remove the solar powered pneumatic pumping system for the first quarter of 2021 at the Site to assess PSH levels in MW-6 and MW-4 and decide if the system is still needed d. Continue addressing the PSH at the Site primarily. Once the PSH plume has been remediated, assess options to address dissolve phase groundwater impacts e. Submit annual report no later than March 31, 2022	1/3/2022