



Jason Michelson
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**Accepted for the record
12/12/2022**

July 21, 2020

NV

Mr. Bradford Billings
EMNRD/OCD
5200 Oakland , NE, Suite 100
Albuquerque, NM 87113

**Re: Former Eunice North Gas Plant
Proposed Groundwater Monitoring Reduction Workplan
Eunice, Lea County, New Mexico**

Dear Mr. Billings,

Please find enclosed the Proposed Groundwater Monitoring Reduction Workplan, prepared for the Former Eunice North Gas Plant, in Eunice, New Mexico.

This Workplan was prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Chevron Environmental Management Company (CEMC).

Please do not hesitate to call Rebecca Andresen with Arcadis at 206-726-4717 or myself at 832-854-5601, should you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Jason Michelson'.

Jason Michelson



Mr. Bradford Billings
Project Manager
EMNRD/OCD
5200 Oakland, NE, Suite 100
Albuquerque, NM 87113

Subject:

Proposed Groundwater Monitoring Reduction Workplan

Chevron Environmental Management Company
Former North Eunice Gas Plant
Lea County, New Mexico

ENVIRONMENT

Dear Mr. Billings:

At the request of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis) is providing this workplan to request the reduction of groundwater monitoring frequency on select monitoring wells for the Former North Eunice Gas Plant (Site).

Date:

July 21, 2020

The Site is located approximately 0.5 mile north of Eunice, New Mexico in Lea County, in the southern half of the southeast quarter of the northeast quarter of Section 28, Township 21 South, Range 27 East. The approximately 30-acre Site is bordered by North Main Street to the east and residential areas to the south.

Contact:

Rebecca Andresen

Phone:

206.726.4717

Groundwater monitoring began at the Site in 1997 and the Site is currently monitored semi-annually from a network of 80 monitoring wells. Spring monitoring events include sampling and gauging 80 wells and fall events include a reduced set of 68 wells. The primary constituents of concern (COCs) in groundwater include chromium, hexavalent chromium, and chloride.

Email:

rebecca.andresen@arcadis.com

For additional site-specific background information please refer to the Arcadis, 2019 Groundwater Monitoring Report, dated March 24, 2020.

PROPOSED REDUCED SAMPLING PLAN

The following Workplan outlines the specifics of the proposed reduced sampling plan for select monitoring wells and the methodology for the selection of those monitoring wells. One semi-annual monitoring event conducted in the spring will include sampling the network of 80 site wells currently included in the sampling and analysis plan (SAP) for the site. The second semi-annual sampling event conducted in the fall will be reduced further from the current 68 wells based on the

Mr. Bradford Billings

July 21, 2020

evaluation described below. The groundwater sampling frequency will be assessed regularly based on the results of the sampling events for the lifespan of the project.

The proposed monitoring wells to be removed from the sampling plan during the fall semi-annual sampling event at the Site have been evaluated based on historical concentration trends, historical concentration trends of nearby monitoring wells, proximity to potential receptors, and the groundwater gradient at the Site.

The following sections provide specifics for the proposed reduced groundwater monitoring plan:

Sampling Reduction for Non-impacted Monitoring Wells

Select site monitoring wells with COC concentrations reported below New Mexico Water Quality Control Commission (NMWQCC) exceedance standards for two consecutive years or longer will not be sampled during the fall semi-annual monitoring event.

Wells proposed for a reduction to annual sampling include:

- MW026
- MW030
- MW031
- MW040A
- MW045
- MW062A
- MW063A
- MW099

Table 1 shows the proposed revised SAP for 2020, including the proposed reduction in sampling frequency for these wells. Table 2 summarizes analytical results for site wells since 2017.

Sampling Reduction for Stable/Decreasing Impacted Monitoring Wells

Select site monitoring wells with COC concentrations reported above NMWQCC exceedance standards that show stable to decreasing concentration trends for two consecutive years or longer will not be sampled during the fall semi-annual monitoring event.

Wells proposed for a reduction to annual sampling include:

- IW019
- IW023
- MW001
- MW002A
- MW004A

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- MW008M
- MW010
- MW019A
- MW020A
- MW021A
- MW024A
- MW027
- MW037
- MW041A
- MW048SA
- MW051SA
- MW052SA
- MW055SA
- MW059
- MW060
- MW066SA
- MW071SA
- MW072SA
- MW074SA
- MW076SA
- MW079SA
- MW088M
- MW089SA

Table 1 shows the proposed revised SAP for 2020, including the proposed reduction in sampling frequency for these wells. Table 2 summarizes analytical results for site wells since 2017. Figures 1 through 3 summarize the proposed reduced network of monitoring wells in relation to the fall 2019 groundwater plume maps as presented in the 2019 Groundwater Monitoring Report.

Summary

As noted above, the spring semi-annual groundwater monitoring event will remain unchanged from the previous SAP with a sampling network of 80 wells. The fall semi-annual groundwater monitoring event will be reduced based on the evaluation of historical analytical data and will include 32 wells going forward. No frequency changes are proposed for wells that have fluctuating trends or that are key to delineation of the plumes. Arcadis is prepared to initiate the scope of work immediately. If you have any questions or comments, please contact either Rebecca Andresen by phone at 206 726 4717 or by e-mail at rebecca.andresen@arcadis.com or Greg Cutshall by phone at 859 327 4626 or by email at greg.cutshall@arcadis.com.

Mr. Bradford Billings

July 21, 2020

Sincerely,

Arcadis U.S., Inc.



Rebecca Andresen

Project Manager

Copies:

Jason Michelson, CEMC Project Manager

Enclosures:

Table 1

Proposed Sampling and Analysis Plan

Table 2

Summary of Historical Groundwater Analytical Results

Figure 1

Proposed Groundwater Monitoring Well Reduction Map – Fall 2019 Chloride

Figure 2

Proposed Groundwater Monitoring Well Reduction Map – Fall 2019
Dissolved Chromium

Figure 3

Proposed Groundwater Monitoring Well Reduction Map – Fall 2019
Dissolved Hexavalent Chromium

TABLES



**Table 1. Proposed Sampling and Analysis Plan
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico**



Monitoring Well ID	Proposed Sample Frequency: Semiannually (SA) or Annual (A) ¹	Previous Sample Frequency: Semiannually (SA) or Annual (A)	Comments
EPWW1	--	--	Well no longer exists.
IW003	A	A	
IW008	A	A	
IW010	A	A	
IW019	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
IW023	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
IW024	A	A	
MW001	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW002A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW004A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW006	SA	SA	
MW007A	SA	SA	
MW008M	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW010	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW011A	SA	SA	
MW012M	A	A	
MW013	SA	SA	
MW014	--	--	Well destroyed.
MW015A	SA	SA	
MW016A	SA	SA	
MW018	SA	SA	
MW019A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW020A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW021A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW023	SA	SA	
MW024A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW026	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW027	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW030	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW031	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW032	SA	SA	
MW037	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW039A	--	--	Well destroyed.
MW040A	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW041A	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW043	SA	SA	
MW044	A	A	
MW045	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW046A	SA	SA	
MW047	SA	SA	
MW048SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW049SA	SA	SA	
MW050SA	SA	SA	
MW051SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW052SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW053SA	SA	SA	

Table 1. Proposed Sampling and Analysis Plan
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico



Monitoring Well ID	Proposed Sample Frequency: Semiannually (SA) or Annual (A) ¹	Previous Sample Frequency: Semiannually (SA) or Annual (A)	Comments
MW054SA	SA	SA	
MW055SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW056SA	SA	SA	
MW057SA	SA	SA	
MW058	A	A	
MW059	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW060	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW061	SA	SA	
MW062A	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW063A	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW065SA	A	A	
MW066SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW067SA	SA	SA	
MW068	SA	SA	
MW069	SA	SA	
MW070	SA	SA	
MW071SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW072SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW073SA	SA	SA	
MW074SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW075SA	SA	SA	
MW076SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW078SA	SA	SA	
MW079SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW084SA	SA	SA	
MW085SA	SA	SA	
MW086SA	SA	SA	
MW087A	A	A	
MW088M	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW089SA	A	SA	2020 well reduction; Stable/decreasing trend for past 2 consecutive years
MW090SA	A	A	
MW093SA	SA	SA	
MW094	A	A	
MW095	SA	SA	
MW097P	A	A	
MW099	A	SA	2020 well reduction; COCs not exceeded for the past 2 consecutive years
MW100	SA	SA	

Notes:

1. **Bold** text indicates a change in sampling frequency

A = Sample to be collected annually (spring event)

MW = Monitoring well

SA = Sample to be collected semiannually (spring and fall events)

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6-C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
IW001	5/5/2017	REG	0.0179 J	0.0108 J	< 0.0100 U	1.54 J	--	1.84 J	--	--	--	--	--	--	1,030	4,350
IW002	5/5/2017	REG	0.0172	0.0116	< 0.0100 U	25.6	--	1.1	--	--	--	--	--	--	526	2,960
IW003	5/8/2017	REG	0.0137	0.00781	< 0.0100 U	6.3	--	8.02	--	--	--	--	--	--	1,090	2,600
IW003	3/22/2018	REG	0.00717	0.00409	0.00330 J	3.57	1.94	--	--	--	--	--	--	--	999	2,200
IW003	4/15/2019	REG	0.0157	0.0088	< 0.0100 U	5.02	--	3.74	--	--	--	--	--	--	1,130	2,410
IW004	5/8/2017	REG	0.00202	0.0123	< 0.0100 U	1.68	--	3.97	--	--	--	--	--	--	1,000	2,620
IW005	5/8/2017	REG	0.0186	0.0124	< 0.0100 U	10.9	--	2.73	--	--	--	--	--	--	822	2,400
IW006	5/8/2017	REG	0.0196	0.00869	< 0.0100 U	3.93	--	4.15	--	--	--	--	--	--	741	2,150
IW007	5/8/2017	REG	0.0843	0.0192	< 0.0100 U	17.1	--	3.93	--	--	--	--	--	--	893	2,570
IW008	5/8/2017	REG	0.033	0.00545	< 0.0100 U	5.22	--	1.93	--	--	--	--	--	--	608	1,900
IW008	5/8/2017	FD	0.0323	0.00515	< 0.0100 U	5.34	--	1.97	--	--	--	--	--	--	584	1,710
IW008	3/22/2018	REG	0.0248	0.00370 J	< 0.0100 U	4.24	1.2	1.58	--	--	--	--	--	--	707	2,060
IW008	4/12/2019	REG	0.0235	0.00388 J	< 0.0100 U	4.78	--	1.9	--	--	--	--	--	--	875	2,160
IW010	5/8/2017	REG	0.00571	< 0.00400 U	0.00620 J	11	--	7.31	--	--	--	--	--	--	913	3,080
IW010	3/22/2018	REG	0.00789	0.00191 J	< 0.0100 U	8.83	0.0599	5.01	--	--	--	--	--	--	906	2,940
IW010	4/12/2019	REG	0.00899	0.00202 J	0.00310 J	11.8	--	7.96	--	--	--	--	--	--	2,280	3,120
IW011	5/8/2017	REG	0.00779	< 0.00400 U	< 0.0100 U	0.173	--	0.588	--	--	--	--	--	--	993	2,780
IW012	5/8/2017	REG	0.0103	0.0126	< 0.0100 U	2.55	--	0.32	--	--	--	--	--	--	952	3,320
IW013	5/8/2017	REG	0.00494	0.00637	< 0.0100 U	0.839	--	0.18	--	--	--	--	--	--	2,180	5,430
IW014	5/8/2017	REG	0.0346	0.00776	< 0.0100 U	0.0237	--	0.2	--	--	--	--	--	--	1,400	3,380
IW015	5/8/2017	REG	0.0102	0.0119	< 0.0100 U	0.196	--	0.0861	--	--	--	--	--	--	948	2,460
IW016	5/8/2017	REG	0.00501	< 0.00400 U	< 0.0100 UJ	0.0498	--	0.0772	--	--	--	--	--	--	328	1,270
IW019	5/5/2017	REG	0.00833 J	0.563 J	0.87	< 0.0200 U	--	0.0328 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,070	2,540
IW019	9/26/2017	REG	0.00947	0.743	0.693	0.157 J	--	0.24	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,000	4,380
IW019	4/4/2018	REG	0.00908	0.66	0.616	< 0.100 U	--	0.381	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,070	3,190
IW019	9/11/2018	REG	0.0101	0.757	0.687	< 0.100 U	--	0.0349	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,060	3,270
IW019	4/16/2019	REG	0.00987	0.672	0.664	0.0721 J	--	0.139	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,130 J	3,310
IW019	4/16/2019	FD	0.0106 J	0.736	0.698	< 0.500 U	--	0.105	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	361 J	3,190
IW019	10/10/2019	REG	0.00931	0.621	0.609	< 0.100 U	--	0.0482 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.12 U	< 2.12 U	1,120	3,770
IW021	5/5/2017	REG	0.00845	0.706	0.766	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	855	3,740
IW022	5/5/2017	REG	0.00833	0.171	0.178	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	739	3,070
IW023	5/5/2017	REG	0.00817	0.397	0.41	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	729	2,900
IW023	9/22/2017	REG	0.00936	0.423	0.406	0.0417 J	--	0.00149 J	--	--	--	--	--	--	631	2,990
IW023	3/29/2018	REG	0.00871	0.378	0.369	< 0.1	--	0.000378 J	--	--	--	--	--	--	644	2,760
IW023	9/14/2018	REG	0.0102	0.376	0.307	< 0.100 U	--	0.000254 J	--	--	--	--	--	--	645	2,790
IW023	9/14/2018	FD	0.0101	0.383	0.269	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	638	2,880
IW023	4/16/2019	REG	0.00961	0.345 J	0.315 J	0.0487 J	--	0.00282	--	--	--	--	--	--	765 J	2,790
IW023	10/10/2019	REG	0.00981	0.315	0.312	0.0668 J	--	0.00412 J	--	--	--	--	--	--	33.3	3,040
IW024	5/4/2017	REG	0.00877	1.13	1.26	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	871	3,960
IW024	4/4/2018	REG	0.00924	0.99	1.04	< 0.100 U	--	0.000827 J	--	--	--	--	--	--	920	3,450
IW024	4/16/2019	REG	0.0113	1.21	1.02	0.321	--	0.0288	--	--	--	--	--	--	817	4,350
IW025	5/4/2017	REG	< 0.00200 U	0.0255	< 0.0100 U	0.063	--	0.822	--	--	--	--	--	--	832	3,750
IW026	5/4/2017	REG	0.0085	0.69	0.737	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	698	3,140
IW027	5/4/2017	REG	0.00815	0.282	0.293	0.189	--	0.00787	--	--	--	--	--	--	430	2,320
IW028	5/4/2017	REG	0.00949	0.694	0.758	< 0.0200 U	--	0.00436	--	--	--	--	--	--	702	2,740
IW029P	5/11/2017	REG	0.106	0.00148 J	< 0.0100 U	81.4	--	4.41	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,100	5,550
IW029P	5/11/2017	FD	0.107	0.00185 J	< 0.0100 U	80.7	--	4.18	< 0.002 U	< 0.002 U	< 0.002 U	0.00866	< 1.50 U	< 1.50 U	1,080	5,440
LordVWV	5/11/2017	REG	0.000551 J	0.00161 J	< 0.0100 U	0.18	--	0.0971	--	--	--	--	--	--	1,490	2,730
MW001	5/10/2017	REG	0.00199 J	0.0181	< 0.0100 U	0.0102 J	--	0.91	< 0.002 U	< 0.002 U	0.0364	< 0.002 U	< 1.50 U	< 1.50 U	408	2,500
MW001	5/10/2017	FD	0.00185 J	0.02	0.0135	0.0125 J	--	0.937	< 0.002 U	< 0.002 U	0.0315	< 0.002 U	< 1.50 U	< 1.50 U	475	2,580
MW001	9/26/2017	REG	0.00221	0.00906	&											

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6-C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW008M	5/4/2017	REG	0.00325	0.0101	< 0.0100 U	59.9	--	3.11	--	--	--	--	--	--	1,390	4,730
MW008M	9/22/2017	REG	0.0032	0.00823	< 0.0100 U	56.5	--	3.23	--	--	--	--	--	--	1,250	4,930
MW008M	4/4/2018	REG	0.00803	0.0219	< 0.0100 U	107	--	2.96	--	--	--	--	--	--	1,470	4,580
MW008M	4/4/2018	FD	0.00222	0.00842	< 0.0100 U	91.3	--	3.23	--	--	--	--	--	--	1,490	3,820
MW008M	9/14/2018	REG	0.00312 J	0.00775	< 0.0100 U	40.4	--	3.08	--	--	--	--	--	--	1,350	4,600
MW008M	4/17/2019	REG	0.00329 J	0.0071	0.00430 J	35.9	--	2.95	--	--	--	--	--	--	1,350	5,040
MW008M	10/10/2019	REG	0.00362 J	0.00693	0.00710 J	26.5	--	2.80 J	--	--	--	--	--	--	1,530	4,680
MW009	5/4/2017	REG	0.00655	0.0151	0.0115	< 0.0200 U	--	0.0111	--	--	--	--	--	--	120	1,010
MW009A	5/4/2017	REG	0.00378	0.00684	< 0.0100 U	0.0912 UB	--	1.03	--	--	--	--	--	--	447	1,780
MW010	5/9/2017	REG	0.00884	0.0295	0.0271	0.0314	--	0.00459	--	--	--	--	--	--	2,730	6,960
MW010	9/21/2017	REG	0.00803	0.0190 J	0.00310 J	< 0.100 U	--	0.0104	--	--	--	--	--	--	2,360	5,620
MW010	4/2/2018	REG	0.00889	0.0242	0.0157	< 0.100 U	--	0.000740 J	--	--	--	--	--	--	2,920	4,910
MW010	9/13/2018	REG	0.00939 J	0.0228	0.012	< 0.500 U	--	0.00206 J	--	--	--	--	--	--	2,550	4,990
MW010	4/16/2019	REG	0.00885 J	0.0273	0.0213	< 0.500 U	--	< 0.0100 U	--	--	--	--	--	--	2,380	4,160
MW010	10/10/2019	REG	0.00811	0.02	0.088	< 0.100 U	--	0.00474 J	--	--	--	--	--	--	2,450	5,330
MW010	10/10/2019	FD	0.00883	0.016	0.0135	< 0.100 U	--	0.00284 J	--	--	--	--	--	--	2,520	5,300
MW011	5/5/2017	REG	0.00802 J	0.00476 UB	< 0.0100	16.5 J	--	1.64	--	--	--	--	--	--	1,580	4,630
MW011A	5/5/2017	REG	0.0128 J	1.03 J	0.976	< 0.0200 U	--	0.197 J	--	--	--	--	--	--	941	3,310
MW011A	9/22/2017	REG	0.0133	0.692	0.65	< 0.100 U	--	0.182	--	--	--	--	--	--	785	3,530
MW011A	9/22/2017	FD	0.0134	0.707	0.645	< 0.100 U	--	0.183	--	--	--	--	--	--	790	2,950
MW011A	4/4/2018	REG	0.0119	0.371	0.329	< 0.100 U	--	0.16	--	--	--	--	--	--	729	2,090
MW011A	9/14/2018	REG	0.0142	0.291	0.242	< 0.100 U	--	0.193	--	--	--	--	--	--	646	2,160
MW011A	9/14/2018	FD	0.0136	0.277	0.239	< 0.100 U	--	0.187	--	--	--	--	--	--	576	2,080
MW011A	4/17/2019	REG	0.0144	0.159	< 0.0100 U	< 0.100 U	--	0.182	--	--	--	--	--	--	511	1,930
MW011A	10/10/2019	REG	0.0133	0.1	0.0834	< 0.100 U	--	0.167 J	--	--	--	--	--	--	433	1,800
MW011M	5/5/2017	REG	0.00253 J	0.0202 J	< 0.0100 U	2.28 J	--	0.0305 J	--	--	--	--	--	--	1,360	3,970
MW012	5/5/2017	REG	0.0149	< 0.00400 U	< 0.0100 U	3.08	--	4.29	--	--	--	--	--	--	469	2,080
MW012A	5/5/2017	REG	0.0163	< 0.00400 U	< 0.0100 U	0.0741	--	0.0559	--	--	--	--	--	--	85.4	528
MW012M	5/5/2017	REG	0.105	0.0411	< 0.0100 U	7.82	--	0.0876	--	--	--	--	--	--	752	3,690
MW012M	4/4/2018	REG	0.0815	0.0351	< 0.0100 U	4.76	--	0.052	--	--	--	--	--	--	800	3,140
MW012M	4/17/2019	REG	0.0652	0.0306	< 0.0100 U	3.94	--	0.0507	--	--	--	--	--	--	800	3,130
MW013	5/9/2017	REG	0.00811	1.42	0.15	0.0226	--	0.000450 J	--	--	--	--	--	--	816	3,220
MW013	9/21/2017	REG	0.00734	1.25 J	1.25	< 0.100 U	--	0.00442	--	--	--	--	--	--	255	3,220
MW013	4/2/2018	REG	0.00798	1.75	1.88	< 0.100 U	--	0.000295 J	--	--	--	--	--	--	850	2,880
MW013	9/13/2018	REG	0.00757	1.76	1.84	< 0.100 U	--	0.000747 J	--	--	--	--	--	--	692	2,810
MW013	4/16/2019	REG	0.00809	2.54	2.22 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	859	2,940
MW013	10/10/2019	REG	0.00767	1.97	1.75	0.0266 J	--	0.000714 J	--	--	--	--	--	--	814	3,220
MW013A	5/11/2017	REG	0.0195	0.00456	0.00320 J	0.00385 J	--	0.000398 J	--	--	--	--	--	--	84.5	506
MW015	5/11/2017	REG	0.00558	0.00267 J	< 0.0100 U	0.00384 J	--	0.000542 J	--	--	--	--	--	--	476	1,700
MW015A	5/11/2017	REG	0.0105	0.0123	0.0112	0.0119 J	--	0.00376	--	--	--	--	--	--	3,800	6,250
MW015A	9/22/2017	REG	0.00763	0.00192 J	0.00240 J	0.152	--	0.00417	--	--	--	--	--	--	361	1,940
MW015A	4/2/2018	REG	0.00351	0.00546	< 0.0100 U	0.24	--	0.0428	--	--	--	--	--	--	5,570	8,370
MW015A	4/2/2018	FD	0.00222	0.0048	< 0.0100 U	0.214	--	0.0573	--	--	--	--	--	--	5,430	8,500
MW015A	9/13/2018	REG	0.00882 J	0.00534 J	< 0.0100 U	0.164 J	--	0.0197	--	--	--	--	--	--	5,950	9,850
MW015A	4/16/2019	REG	0.0136 J	0.00983 J	< 0.0100 UJ	< 0.500 U	--	0.00203 J	--	--	--	--	--	--	4,250	6,120
MW015A	10/9/2019	REG	0.012	0.0127	0.00480 J	0.0304 J	--	0.00551	--	--	--	--	--	--	5,480	9,970
MW016A	9/14/2018	REG	0.00914	0.00528	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	513	1,290
MW018	5/10/2017	REG	0.00994	< 0.00129 UB	< 0.0100 U	0.00457 J	--	< 0.00200 U	--	--	--	--	--	--	210	1,120
MW018	9/21/2017	REG	0.0128	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	241	1,290
MW018	4/2/2018	REG	0.00969	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00133 J	--	--	--	--	--	--	660	1,900
MW018	4/2/2018	FD	0.00933	0.000717 J	< 0.0100 U	< 0.100 U	--	0.00151 J	--	--	--	--	--	--	601	2,020
MW018	9/13/2018	REG	0.00937 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00220 J	--	--	--	--	--	--	528	2,210
MW018	4/16/2019	REG	0.0124	< 0.00400 U	< 0.0100 U	0.0574 J	--	0.00194 J	--	--	--	--	--	--	455	1,600
MW018	10/9/2019	REG	0.0103	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000437 J	--	--	--	--	--	--	502	1,650
MW019A	5/10/2017	REG	0.0106	0.00182 J	< 0.0100 U	0.0154 J	--	0.00169 J	--	--	--	--	--	--	327	1,300
MW019A	9/21/2017	REG	0.0134	0.000637 J	< 0.0100 U	< 0.100 U	--	0.000387 J	--	--	--	--	--	--	262	1,250
MW019A	4/2/2018	REG	0.0125	0.000668 J	< 0.0100 U	< 0.100 U	--	0.00157 J	--	--	--	--	--	--	301	1,060
MW019A	9/13/2018	REG	0.0116 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.0118	--	--	--	--	--	--	291	1,170
MW019A	4/16/2019	REG	0.00627	0.000853 J	< 0.0100 U	0.0538 J	--	0.0179	--	--	--	--	--	--	303	1,110
MW019A	10/9/2019	REG	0.0103	0.000533 J	< 0.0100 U	< 0.100 U	--	0.00424	--	--	--	--	--	--	346	1,200
MW020	5/11/2017	REG	0.0105	0.00371 J	< 0.0100 U	0.0236	--	0.00101 J	--	--	--	--	--	--	733	2,180
MW020A	5/11/2017	REG	0.00893	0.00723	0.00290 J	0.00408 J	--	0.000342 J	--	--	--	--	--	--	1,070	2,410
MW020A	9/21/2017	REG	0.0108	0.00696 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	1,010	2,700
MW020A	4/2/2018	REG	0.0101	0.00589	< 0.0100 U	< 0.100 U	--	0.00115 J	--	--	--	--	--	--	1,130	2,180
MW020A	9/13/2018	REG	0.0112 J	0.00675 J	< 0.0100 U	< 0.500 U	--	0.00217 J	--	--	--	--	--	--	961	2,370
MW020A	4/16/2019	REG	0.0111 J	0.00560 J	< 0.0100 U	< 0.500 U	--	0.00112 J	--	--	--	--	--	--	1,320	2,180
MW020A	4/16/2019	FD	0.0106 J	0.00511	< 0.0100 U	< 0.500 U	--	0.00123 J	--	--	--	--	--	--	1,060	2,140
MW020A	10/9/2019	REG	0.00988	0.00604	0.00630 J	< 0.100 U	--	0.000518 J	--	--	--	--	--	--	1,260	2,560
MW021A	5/10/2017	REG	0.00938	0.00422	< 0.0100 U	0.0123 J	--	0.0724	--	--	--	--	--	--	2,530	5,210
MW021A	9/22/2017	REG	0.0117	0.00429	< 0.0100 U	< 0.100 U	--	0.0106	--	--	--	--	--	--	2,210	5,830
MW021A	4/3/2018	REG	0.0106	0.00392 J	< 0.0100 U	< 0.100 U	--	0.0159 J	--	--	--	--	--	--	2,640	4,240
MW021A	9/12/2018	REG	0.0106	0.00352 J	< 0.0100 U	< 0.100 U	--	0.0108	--	--	--	--	--	--	2,330	5,170
MW021A	4/12/2019	REG	0.011	0.00295 J	< 0.0100 U	< 0.100 U	--	0.0126	--	--	--	--	--	--	1,020	5,150
MW021A	10/10/2019	REG	0.0113	0.00301 J	< 0.0100 U	0.0228 J	--	0.0166 J	--	--	--	--	--	--	2,360	5,810
MW023	5/11/2017	REG	0.00749	1.09	1.05	0.00308 J	--	0.000372 J	--	--	--	--	--	--	798	3,180
MW023	9/21/2017	REG	0.01	1.32 J	1.09	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	739	3,540
MW023	3/29/2018	REG	0.00928	1.42	1.31	< 0.1	--	0.000486 J	--	--	--	--	--	--	747	2,800
MW023	9/13/2018	REG	0.00933	1.72	1.43	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	785	3,160
MW023	4/15/2019	REG	0.00878													

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6- C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW024	5/11/2017	REG	0.00875	0.128	0.13	0.00318 J	--	0.00809	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	875	1,720
MW024A	5/11/2017	REG	0.0109	0.724	0.785	0.00442 J	--	0.000468 J	--	--	--	--	--	--	918	2,370
MW024A	9/21/2017	REG	0.0128	0.437 J	0.457 J	< 0.100 U	--	0.000585 J	--	--	--	--	--	--	790	2,620
MW024A	9/21/2017	FD	0.012	0.689 J	< 0.852 UJ	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	748	3,010
MW024A	3/29/2018	REG	0.012	0.621	0.479	< 0.1	--	0.000484 J	--	--	--	--	--	--	884	2,360
MW024A	9/12/2018	REG	0.0125	0.579	0.477	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	901	2,420
MW024A	9/12/2018	FD	0.0126	0.547	0.52	< 0.100 U	--	0.000247 J	--	--	--	--	--	--	894	2,310
MW024A	4/12/2019	REG	0.0119	0.5	0.474	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	997	2,140
MW024A	10/8/2019	REG	0.0128	0.504	0.457	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	790	2,470
MW026	9/22/2017	REG	0.00716	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	108	890
MW026	4/5/2018	REG	0.00716	0.00255 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	229	1,180
MW026	9/13/2018	REG	0.00774 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00160 J	--	--	--	--	--	--	129	860
MW026	4/16/2019	REG	0.00768	< 0.00400 U	< 0.0100 UJ	< 0.100 U	--	0.000977 J	--	--	--	--	--	--	104	696
MW026	10/11/2019	REG	0.00801	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000348 J	--	--	--	--	--	--	105	741
MW027	5/11/2017	REG	0.00529	0.00238 J	< 0.0100 U	0.00482 J	--	0.000440 J	--	--	--	--	--	--	365	1,680
MW027	9/22/2017	REG	0.00703	0.00211 J	< 0.0100 U	< 0.100 U	--	0.000557 J	--	--	--	--	--	--	351	1,760
MW027	4/3/2018	REG	0.0063	0.00154 J	< 0.0100 U	< 0.100 U	--	0.00155 J	--	--	--	--	--	--	366	1,480
MW027	9/13/2018	REG	0.00682 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00133 J	--	--	--	--	--	--	355	1,600
MW027	4/16/2019	REG	0.00653	0.00139 J	< 0.0100 UJ	0.0457 J	--	0.00129 J	--	--	--	--	--	--	367	1,550
MW027	10/9/2019	REG	0.00685	0.00107 J	< 0.0100 U	< 0.100 U	--	0.000539 J	--	--	--	--	--	--	358	1,610
MW030	5/11/2017	REG	0.0144	0.00256 J	< 0.0100 U	0.0300 J	--	0.00120 J	--	--	--	--	--	--	249	588
MW030	9/21/2017	REG	0.0194	0.00147 J	< 0.0100 U	0.0315 J	--	0.000561 J	--	--	--	--	--	--	202	778
MW030	3/29/2018	REG	0.0179	0.00135 J	< 0.0100 U	< 0.1	--	0.000316 J	--	--	--	--	--	--	241	662
MW030	9/13/2018	REG	0.0189 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00159 J	--	--	--	--	--	--	245	726
MW030	4/12/2019	REG	0.0197	0.00126 J	< 0.0100 U	< 0.100 U	--	0.000594 J	--	--	--	--	--	--	220	694
MW030	10/8/2019	REG	0.0204	0.00156 J	< 0.0100 U	0.0382 J	--	0.000554 J	--	--	--	--	--	--	190	715
MW030P	5/4/2017	REG	0.239	0.0101	0.027	65.3	--	0.465	--	--	--	--	--	--	478	2,020
MW031	5/11/2017	REG	0.0144	0.00175 J	< 0.0100 U	0.00590 J	--	0.000627 J	--	--	--	--	--	--	138	780
MW031	9/21/2017	REG	0.0227	< 0.00400 U	< 0.0100 U	0.0475 J	--	0.815	--	--	--	--	--	--	166	854
MW031	3/29/2018	REG	0.0511	< 0.00400 U	< 0.0100 U	0.538	--	1.36	--	--	--	--	--	--	228	840
MW031	9/13/2018	REG	0.102	< 0.0200 U	< 0.0100 U	4.17	--	1.02	--	--	--	--	--	--	233	832
MW031	4/15/2019	REG	0.0847	< 0.00400 U	< 0.0100 U	3.36	--	0.866	--	--	--	--	--	--	263	874
MW031	10/9/2019	REG	0.0962 J	< 0.00400 U	0.00570 J	4.93 J	--	0.833	--	--	--	--	--	--	230	876
MW031	10/9/2019	FD	0.0550 J	< 0.00400 U	< 0.0100 U	2.08 J	--	0.818	--	--	--	--	--	--	243	866
MW032	9/22/2017	REG	0.00397	0.00188 J	< 0.0100 U	0.0228 J	--	0.00117 J	--	--	--	--	--	--	250	1,400
MW032	4/3/2018	REG	0.00332	0.00177 J	< 0.0100 U	< 0.100 U	--	0.000594 J	--	--	--	--	--	--	285	1,190
MW032	9/13/2018	REG	0.00389 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00249 J	--	--	--	--	--	--	309	1,190
MW032	4/16/2019	REG	0.00370 J	0.00473	< 0.0100 UJ	< 0.100 U	--	0.00172 J	--	--	--	--	--	--	386	1,340 J
MW032	4/16/2019	FD	0.00315 J	0.00505	< 0.0100 U	0.0230 J	--	0.00127 J	--	--	--	--	--	--	374	372 J
MW032	10/9/2019	REG	0.00362 J	0.00407	0.00350 J	< 0.100 U	--	0.000854 J	--	--	--	--	--	--	428	1,390
MW034	5/5/2017	REG	0.00624	0.0185	0.0126	0.0438	--	< 0.00200 U	--	--	--	--	--	--	431	1,630
MW036	5/9/2017	REG	0.06	0.00153 J	< 0.0100 U	29.7	--	0.358	0.407	< 0.01 U	0.588	0.0411	4.41	< 1.50 U	165	914
MW037	5/9/2017	REG	0.0604	0.00211 J	0.00250 J	15.1	--	0.617	0.0572	< 0.002 U	0.0422	< 0.002 U	1.76	1.36 J	647	1,510
MW037	9/26/2017	REG	0.0526	0.00311 J	< 0.0100 U	8.70 J	--	0.178	0.252	0.00271	0.173	< 0.002 U	< 1.50 U	1.51	513	1,470
MW037	4/4/2018	REG	0.0433	0.00105 J	< 0.0100 U	8.01	--	0.0823	0.0225	0.0006 J	0.00974	< 0.002 U	< 1.50 U	0.944 J	516	1,770
MW037	4/4/2018	FD	0.0413	0.00107 J	< 0.0100 U	7.74	--	0.0796	0.0254	< 0.002 U	0.0116	< 0.002 U	< 1.50 U	0.961 J	432	1,400
MW037	9/11/2018	REG	0.0502	0.00126 J	< 0.0100 U	7.15	--	0.0653	0.0719	< 0.002 U	0.0108	0.00977	< 1.50 U	1.04 J	549	1,470
MW037	4/16/2019	REG	0.0546	0.00116 J	< 0.0100 U	8.05	--	0.0493	0.719 D	0.00039 J	0.134	0.00272	3.22	2.87	405	1,320
MW037	10/10/2019	REG	0.0538	0.00111 J	0.0131	7.15	--	0.0537 J	0.0926	< 0.002 U	0.0136 J	< 0.002 U	1.37 J	1.56 J	559	1,440
MW038	5/9/2017	REG	0.0114	0.0042	0.00810 J	9.62	--	0.14	0.00943	< 0.002 U	0.00296	< 0.002 U	< 1.50 U	1.19 J	104	966
MW038	5/9/2017	FD	0.0116	0.00449	0.00710 J	9.27	--	0.114	0.00799	< 0.002 U	< 0.002 U	< 0.002 U	1.04 J	0.988 J	111	1,010
MW040A	5/9/2017	REG	0.0176	0.00285 J	< 0.0100 U	0.00278 J	--	< 0.00200 U	--	--	--	--	--	--	53.7	574
MW040A	9/21/2017	REG	0.0187	0.00164 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	203	540
MW040A	4/2/2018	REG	0.0207	0.00231 J	< 0.0100 U	< 0.100 U	--	0.000290 J	--	--	--	--	--	--	50.3	504
MW040A	9/13/2018	REG	0.0195 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00163 J	--	--	--	--	--	--	51.6	497
MW040A	4/16/2019	REG	0.0203	0.00285 J	< 0.0100 UJ	< 0.100 U	--	0.000271 J	--	--	--	--	--	--	56.4	481
MW040A	10/10/2019	REG	0.02	0.00312 J	< 0.0100 U	< 0.100 U	--	< 0.00200 UJ	--	--	--	--	--	--	55.8	526
MW041A	5/5/2017	REG	0.0093	0.197	0.203	0.0462	--	0.00232	--	--	--	--	--	--	408	1,630
MW041A	9/21/2017	REG	0.0104	0.210 J	0.174	0.0310 J	--	0.0024	--	--	--	--	--	--	377	1,680
MW041A	3/29/2018	REG	0.00948	0.206	0.184	< 0.1	--	0.00242	--	--	--	--	--	--	390	1,520
MW041A	9/12/2018	REG	0.0103	0.206	0.167	< 0.100 U	--	0.00121 J	--	--	--	--	--	--	403	1,600
MW041A	4/16/2019	REG	0.0104	0.201	0.175	< 0.100 U	--	0.00107 J	--	--	--	--	--	--	461	1,530
MW041A	10/9/2019	REG	0.0104	0.193	0.178	< 0.100 U	--	0.000914 J	--	--	--	--	--	--	488	1,620
MW042A	5/9/2017	REG	0.00693 J	0.391	0.381	0.0624 J	--	0.0279	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	2,470	5,270
MW043	5/9/2017	REG	0.00198 J	0.00207 J	< 0.0100 U	1.31	--	0.549	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.987 J	< 1.50 U	712	556
MW043	9/26/2017	FD	0.00366	0.00214 J	< 0.0100 U	1.28 J	--	0.653	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	679 J	1,780
MW043	9/26/2017	REG	0.00427	0.00202 J	< 0.0100 U	0.739 J	--	0.626	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	530 J	1,650
MW043	4/3/2018	REG	0.00535	0.00110 J	< 0.0100 U	0.345	--	0.608 J	< 0.002 U	< 0.002 U	< 0.002 U	0.00087 J	< 1.50 U	< 1.50 U	724	1,960
MW043	9/11/2018	REG	0.00508	0.000688 J	< 0.0100 U	0.152	--	0.545	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	0.00347 J	< 1.50 U	< 1.50 U	610	1,620
MW043	9/11/2018	FD	0.00524	0.000605 J	< 0.0100 U	0.156	--	0.553	< 0.002 U	< 0.002 U	< 0.002 U	0.00319	< 1.50 U	< 1.50 U	641	1,670
MW043	4/15/2019	REG	0.00504	0.000894 J	< 0.0100 U	0.593	--	0.573	< 0.002 U	< 0.002 U	< 0.002 U	0.00234	< 1.50 U	< 1.50 U	843	1,840
MW043	10/10/2019	REG	0.00503	0.000528 J	< 0.0100 U	0.257	--	0.499 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	1.12 J	< 2.16 U	862	2,000
MW044	5/9/2017	REG	0.00578 J	0.055												

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6-C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW045	4/17/2019	FD	0.00221 J	0.0111	< 0.0100 U	0.0544 J	--	0.0736	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	77.3	1,400
MW045	10/10/2019	REG	0.00203 J	0.0103	< 0.0100 U	< 0.100 U	--	0.0751 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.20 U	< 2.20 U	79.7	1,330
MW046	5/9/2017	REG	0.0438	0.00500 J	< 0.0100 U	3.5	--	0.776	0.063	< 0.002 U	0.12	0.0177	2.09	1.38 J	175	1,200
MW046A	5/9/2017	REG	0.0103	1.69	1.78	0.105	--	0.0253	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	3,100
MW046A	9/26/2017	REG	0.0113	1.84	1.63	0.0416 J	--	0.00285	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	639	3,040
MW046A	4/4/2018	REG	0.01	1.74	1.57	< 0.100 U	--	0.0028	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	2,370
MW046A	9/11/2018	REG	0.0106	1.77	1.67	< 0.100 U	--	0.00129 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	2,980
MW046A	4/17/2019	REG	0.0103	1.49	1.73	< 1.00 U	--	0.00333	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	745	3,260
MW046A	10/10/2019	REG	0.0103	2.08	2.19	0.108	--	0.00398 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.16 U	< 2.16 U	719	3,080
MW047	5/10/2017	REG	0.00901	0.107	0.136	0.00410 J	--	< 0.00200 U	--	--	--	--	--	--	498	2,440
MW047	9/22/2017	REG	0.0105	0.129	0.139	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	446	2,550
MW047	4/4/2018	REG	0.0107	0.0896	0.0746	< 0.100 U	--	0.000787 J	--	--	--	--	--	--	388	2,050
MW047	9/14/2018	REG	0.012	0.06	0.0507	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	276	1,950
MW047	4/17/2019	REG	0.0116	0.0809	0.0709	0.0228 J	--	0.000519 J	--	--	--	--	--	--	272	968
MW047	10/11/2019	REG	0.00113 J	0.00379 J	< 0.0100 U	0.0560 J	--	1.13	--	--	--	--	--	--	486	2,650
MW048SA	5/5/2017	REG	0.00985	0.576	0.55	0.0411	--	< 0.00200 U	--	--	--	--	--	--	647	2,220
MW048SA	5/5/2017	FD	0.00976	0.54	0.55	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	674	2,360
MW048SA	9/20/2017	REG	0.0111	0.559	0.542	< 0.100 U	--	0.000794 J	--	--	--	--	--	--	667	2,370
MW048SA	3/23/2018	REG	0.0117	0.457	0.453	< 0.1	--	0.000252 J	--	--	--	--	--	--	643	2,110
MW048SA	9/12/2018	REG	0.0119	0.453	0.404	0.136	--	0.000896 J	--	--	--	--	--	--	583	1,960
MW048SA	4/16/2019	REG	0.0121	0.396	0.363	0.0259 J	--	0.00124 J	--	--	--	--	--	--	607	1,860
MW048SA	10/9/2019	REG	0.0115	0.369	0.36	0.0356 J	--	0.00168 J	--	--	--	--	--	--	631	2,900
MW049SA	5/5/2017	REG	0.00926	0.185	0.193	0.0205	--	< 0.00200 U	--	--	--	--	--	--	1,560	3,700
MW049SA	9/20/2017	REG	0.0107	0.196	0.19	< 0.100 U	--	0.000498 J	--	--	--	--	--	--	1,640	3,880
MW049SA	3/23/2018	REG	0.0112	0.186	0.193	< 0.1	--	0.000274 J	--	--	--	--	--	--	1,530	3,880
MW049SA	9/12/2018	REG	0.0116	0.188	0.171	< 0.100 U	--	0.000414 J	--	--	--	--	--	--	1,300	2,960
MW049SA	4/16/2019	REG	0.0125 J	0.2	0.176	< 0.500 U	--	< 0.0100 U	--	--	--	--	--	--	1,320	2,530
MW049SA	10/9/2019	REG	0.013	0.246	0.187	0.123	--	0.00393	--	--	--	--	--	--	1,210	2,800
MW050SA	5/10/2017	REG	0.0081	0.309	0.276	0.00504 J	--	0.0209	--	--	--	--	--	--	1,260	3,560
MW050SA	9/21/2017	REG	0.00926	0.409 J	0.346	< 0.100 U	--	0.0166	--	--	--	--	--	--	533	3,960
MW050SA	4/3/2018	REG	0.0086	0.287	0.196	< 0.100 U	--	0.0173	--	--	--	--	--	--	1,470	3,480
MW050SA	4/3/2018	FD	0.00887	0.272	0.184	< 0.100 U	--	0.0164	--	--	--	--	--	--	1,440	3,500
MW050SA	9/12/2018	REG	0.00822	0.442	0.405	< 0.100 U	--	0.0204	--	--	--	--	--	--	1,510	3,580
MW050SA	4/15/2019	REG	0.00854	0.329	0.29	< 0.100 U	--	0.0191	--	--	--	--	--	--	1,420	3,500
MW050SA	10/9/2019	REG	0.00869	0.394	0.355	< 0.100 U	--	0.0158	--	--	--	--	--	--	1,450	3,800
MW051SA	5/10/2017	REG	0.0114	0.818	0.819	0.00232 J	--	0.000337 J	--	--	--	--	--	--	1,210	3,390
MW051SA	9/20/2017	REG	0.0119	0.793	0.764	< 0.100 U	--	0.000608 J	--	--	--	--	--	--	1,120	3,620
MW051SA	4/3/2018	REG	0.012	0.788	0.691	< 0.100 U	--	0.000993 J	--	--	--	--	--	--	1,360	3,320
MW051SA	9/12/2018	REG	0.0116	0.799	0.668	< 0.100 U	--	0.00236	--	--	--	--	--	--	1,120	3,300
MW051SA	4/15/2019	REG	0.0126	0.779	0.733	< 0.100 U	--	0.00822	--	--	--	--	--	--	1,220	3,160
MW051SA	10/10/2019	REG	0.0119	0.699	0.658	0.0345 J	--	0.00252 J	--	--	--	--	--	--	1,050	3,330
MW052SA	5/10/2017	REG	0.0116	0.207	0.222	0.00339 J	--	0.000376 J	--	--	--	--	--	--	1,450	3,150
MW052SA	9/20/2017	REG	0.0137	0.239	0.215	0.246	--	0.00892	--	--	--	--	--	--	1,630	3,720
MW052SA	3/23/2018	REG	0.0135	0.222	0.225	< 0.1	--	0.000710 J	--	--	--	--	--	--	1,360	3,020
MW052SA	9/12/2018	REG	0.0131	0.242	0.222	< 0.100 U	--	0.000660 J	--	--	--	--	--	--	1,400	3,020
MW052SA	4/16/2019	REG	0.0138	0.246	0.224	0.11	--	0.00376	--	--	--	--	--	--	1,590	3,060
MW052SA	10/9/2019	REG	0.0119	0.201	0.239	< 0.100 U	--	0.000382 J	--	--	--	--	--	--	1,470	3,040
MW054SA	5/10/2017	REG	0.00952	0.122	0.126	0.0113 J	--	0.000350 J	--	--	--	--	--	--	826	1,990
MW054SA	9/20/2017	REG	0.0108	0.132	0.117	< 0.100 U	--	0.000414 J	--	--	--	--	--	--	866	2,190
MW054SA	9/20/2017	FD	0.0103	0.128	0.119	< 0.100 U	--	0.000392 J	--	--	--	--	--	--	863	2,380
MW054SA	3/23/2018	REG	0.011	0.125	0.12	< 0.1	--	< 0.00200 U	--	--	--	--	--	--	777	2,200
MW054SA	9/12/2018	REG	0.0107	0.131	0.115	0.103	--	0.00315	--	--	--	--	--	--	800	1,970
MW054SA	9/12/2018	FD	0.0108	0.129	0.118	0.0672 J	--	0.00235	--	--	--	--	--	--	801	1,970
MW054SA	4/16/2019	REG	0.0109	0.122	0.117	0.0073	--	0.0073	--	--	--	--	--	--	951	1,910
MW054SA	10/9/2019	REG	0.0105	0.117	0.114	< 0.100 U	--	0.000327 J	--	--	--	--	--	--	913	1,940
MW055SA	5/9/2017	REG	0.00647	0.159	0.169	0.00386 J	--	0.000225 J	--	--	--	--	--	--	613	1,800
MW055SA	9/20/2017	REG	0.00754	0.181	0.165	< 0.100 U	--	0.000399 J	--	--	--	--	--	--	650	1,920
MW055SA	3/22/2018	REG	0.00734	0.179	0.154	< 0.1	0.0224	0.000368	--	--	--	--	--	--	620	1,650
MW055SA	9/12/2018	REG	0.00784	0.171	0.166	< 0.100 U	--	0.000439 J	--	--	--	--	--	--	622	1,660
MW055SA	4/12/2019	REG	0.00749	0.177	0.157	< 0.100 U	--	0.000651 J	--	--	--	--	--	--	653	1,700
MW055SA	10/8/2019	REG	0.00745	0.178	0.169	< 0.100 U	--	0.000250 J	--	--	--	--	--	--	574	1,810
MW056SA	5/9/2017	REG	0.0146	0.378	0.348	0.122 J	--	0.000680 J	--	--	--	--	--	--	1,180	3,800
MW056SA	9/20/2017	REG	0.0149	0.413	0.369	< 0.100 U	--	0.000501 J	--	--	--	--	--	--	1,240	3,970
MW056SA	4/3/2018	REG	0.0136	0.416	0.401	< 0.100 U	--	0.000495 J	--	--	--	--	--	--	1,260	3,560
MW056SA	9/12/2018	REG	0.0155	0.417	0.401	0.0257 J	--	0.000575 J	--	--	--	--	--	--	1,130	3,380
MW056SA	4/17/2019	REG	0.0137	0.382	< 0.0100 U	< 0.200 U	--	0.000420 J	--	--	--	--	--	--	1,120	3,650
MW056SA	10/9/2019	REG	0.0137	0.33	0.312	0.0830 J	--	0.00116 J	--	--	--	--	--	--	1,190	3,220
MW057SA	5/9/2017	REG	0.012	0.0247	0.0241	0.0176 J	--	0.000496 J	--	--	--	--	--	--	272	1,210
MW057SA	9/20/2017	REG	0.0121	0.0349	0.0266	0.0947 J	--	0.00413	--	--	--	--	--	--	324	1,480
MW057SA	3/22/2018	REG	0.0125	0.0268	0.0163	< 0.1	0.0649	< 0.002	--	--	--	--	--	--	302	1,470
MW057SA	9/12/2018	REG	0.0127	0.0387	0.0276	< 0.100 U	--	0.000203 J	--	--	--	--	--	--	346	1,450
MW057SA	4/15/2019	REG	0.0124	0.0385	0.0343	0.0850 J	--	0.0034	--	--	--	--	--	--	357	1,500
MW057SA	10/9/2019	REG	0.0118	0.0408	0.0398	0.0797 J	--	0.0029	--	--	--	--	--	--	387	1,500
MW058	5/11/2017	REG	0.0121	2.72	2.48	0.516 J	--	0.00896	--	--	--	--	--	--	995 J	3,530 J
MW058	5/11/2017	FD	0.0119	2.85	2.47	0.343 J	--	0.00555	--	--	--	--	--	--	627 J	1,670 J
MW058	3/29/2018	REG	0.0124	2.83	2.99	0.0325	--	0.000881 J	--	--	--	--	--	--	1,230	3,980
MW058	4/12/2019	REG	0.0127	3.16	2.74	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	1,150	4,180
MW058	4/12/201															

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6- C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW059	9/13/2018	REG	0.0141 J	0.556	0.469	< 0.500 U	--	0.00308 J	--	--	--	--	--	--	904	3,070
MW059	4/15/2019	REG	0.0148	0.46	0.401	< 0.100 U	--	0.00107 J	--	--	--	--	--	--	891	2,950
MW059	10/8/2019	REG	0.0136	0.568	0.523	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	640 J	3,530
MW059	10/8/2019	FD	0.0137	0.587	0.524	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	885 J	3,400
MW060	9/22/2017	REG	0.00363	< 0.00400 U	< 0.0100 U	0.639	--	9.71	--	--	--	--	--	--	1,370	3,950
MW060	3/29/2018	REG	0.0056	< 0.00400 U	< 0.0100 U	1.26	--	9.7	--	--	--	--	--	--	1,750	3,600
MW060	9/13/2018	REG	0.00342 J	< 0.0200 U	< 0.0100 U	0.765	--	10.5	--	--	--	--	--	--	1,560	3,470
MW060	4/16/2019	REG	0.00265 J	0.00195 J	< 0.0100 UJ	0.796	--	12.5	--	--	--	--	--	--	1,670	3,390
MW060	10/9/2019	REG	0.00492	< 0.00400 U	< 0.0100 U	1.86	--	6.47	--	--	--	--	--	--	1,490	3,480
MW061	5/11/2017	REG	0.0107	1.96	2.13	0.127	--	0.0221	--	--	--	--	--	--	883	3,840
MW061	9/22/2017	REG	0.0119	2.2	1.99	< 0.100 U	--	0.0292	--	--	--	--	--	--	927	4,900
MW061	4/3/2018	REG	0.011	1.68	1.49	< 0.100 U	--	0.0702 J	--	--	--	--	--	--	1,030	3,600
MW061	4/3/2018	FD	0.0107	2.11	1.44	< 0.100 U	--	0.0394 J	--	--	--	--	--	--	1,140	3,660
MW061	9/13/2018	REG	0.0120 J	1.56	1.44	< 0.500 U	--	0.036	--	--	--	--	--	--	1,060	3,830
MW061	4/16/2019	REG	0.0114	1.38	1.51 J	0.0231 J	--	0.0246	--	--	--	--	--	--	1,180	3,980
MW061	10/9/2019	REG	0.012	1.2	1.15	< 0.100 U	--	0.0603	--	--	--	--	--	--	1,040	4,300
MW062A	5/11/2017	REG	0.0214	0.00312 J	< 0.0100 U	0.00369 J	--	0.000214 J	--	--	--	--	--	--	63	334
MW062A	5/11/2017	FD	0.0203	0.00336 J	< 0.0100 U	0.0102 J	--	0.000357 J	--	--	--	--	--	--	62.8	418
MW062A	9/21/2017	REG	0.0254	0.00193 J	< 0.0100 U	< 0.100 U	--	0.000262 J	--	--	--	--	--	--	59	482
MW062A	3/29/2018	REG	0.0242	0.00207 J	< 0.0100 U	< 0.1	--	0.000335 J	--	--	--	--	--	--	55.8	471
MW062A	9/12/2018	REG	0.024	0.00213 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	57.9	497
MW062A	4/12/2019	REG	0.0249	0.00200 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	62.9	474
MW062A	10/8/2019	REG	0.0242	0.00187 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	60.8	489
MW063A	5/11/2017	REG	0.021	0.00309 J	< 0.0100 U	0.00612 J	--	0.000251 J	--	--	--	--	--	--	67.8	414
MW063A	9/21/2017	REG	0.0248	0.00154 J	< 0.0100 U	< 0.100 U	--	0.000408 J	--	--	--	--	--	--	51.7	518
MW063A	3/29/2018	REG	0.0233	0.00126 J	< 0.0100 U	< 0.1	--	0.000891 J	--	--	--	--	--	--	49.2	444
MW063A	9/12/2018	REG	0.0233	0.00162 J	< 0.0100 U	< 0.100 U	--	0.000592 J	--	--	--	--	--	--	51.7	472
MW063A	4/12/2019	REG	0.0244	0.00160 J	< 0.0100 U	< 0.100 U	--	0.000653 J	--	--	--	--	--	--	58.5	459
MW063A	10/8/2019	REG	0.0249	0.00168 J	< 0.0100 U	< 0.100 U	--	0.000251 J	--	--	--	--	--	--	54.4	484
MW065SA	5/9/2017	REG	0.0101	0.0631	0.0547 J	0.0149 J	--	0.0125	--	--	--	--	--	--	1,050	3,380
MW065SA	5/9/2017	FD	0.00999	0.0606	0.572 J	0.00336 J	--	0.0121	--	--	--	--	--	--	1,060	3,050
MW065SA	4/5/2018	REG	0.00851	0.114	0.11	< 0.100 U	--	0.0131	--	--	--	--	--	--	1,050	2,910
MW065SA	4/11/2019	REG	0.0103	0.0134	0.00690 J	< 0.100 U	--	0.0107	--	--	--	--	--	--	1,050	2,590
MW066SA	5/9/2017	REG	0.00815	0.094	0.0932	0.0548 J	--	0.298	--	--	--	--	--	--	1,160	3,560
MW066SA	9/20/2017	REG	0.00898	0.0801	0.0635	< 0.100 U	--	0.0741	--	--	--	--	--	--	1,170	3,120
MW066SA	3/22/2018	REG	0.00898	0.0387	0.021	< 0.1	0.0325	0.0118	--	--	--	--	--	--	1,050	1,050
MW066SA	9/12/2018	REG	0.00987	0.0186	0.0137	0.0408 J	--	0.115	--	--	--	--	--	--	884	2,350
MW066SA	4/11/2019	REG	0.00974	0.0179	0.00650 J	0.0678 J	--	0.0699	--	--	--	--	--	--	836	2,040
MW066SA	10/8/2019	REG	0.0108	0.00565	0.00610 J	< 0.100 U	--	0.00819	--	--	--	--	--	--	510	1,860
MW067SA	5/8/2017	REG	0.0169	< 0.00400 U	< 0.0100 U	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	165	944
MW067SA	9/20/2017	REG	0.0194	0.000881 J	< 0.0100 U	< 0.100 U	--	0.000652 J	--	--	--	--	--	--	163	1,070
MW067SA	9/20/2017	FD	0.0196	0.00117 J	< 0.0100 U	< 0.100 U	--	0.000925 J	--	--	--	--	--	--	163	1,050
MW068	5/11/2017	REG	0.0193	0.00262 J	< 0.0100 U	0.343	--	3.29	--	--	--	--	--	--	8,760	10,400
MW068	9/22/2017	REG	0.0163	0.000550 J	< 0.0100 U	0.298	--	2.6	--	--	--	--	--	--	10,100	18,800
MW068	4/3/2018	REG	0.0148	0.000799 J	< 0.0100 U	0.32	--	2.33 J	--	--	--	--	--	--	11,700	14,300
MW068	9/13/2018	REG	0.0180 J	< 0.0200 U	< 0.0100 U	0.345 J	--	2.37	--	--	--	--	--	--	11,700	18,000
MW068	4/15/2019	REG	0.0180 J	< 0.0200 U	< 0.0100 U	1.66	--	2.87	--	--	--	--	--	--	7,100	10,500
MW068	10/9/2019	REG	0.017	< 0.00400 U	< 0.0100 U	0.362	--	2.01	--	--	--	--	--	--	8,880	15,500
MW069	5/11/2017	REG	0.0157	0.00188 J	< 0.0100 U	1.35	--	0.72	--	--	--	--	--	--	981	2,450
MW069	9/21/2017	REG	0.0151	< 0.00400 U	< 0.0100 U	0.282	--	0.778	--	--	--	--	--	--	715	2,120
MW069	3/29/2018	REG	0.014	< 0.00400 U	< 0.0100 U	0.456	--	0.78	--	--	--	--	--	--	846	1,730
MW069	9/13/2018	REG	0.0149	< 0.00400 U	< 0.0100 U	0.563	--	0.774	--	--	--	--	--	--	804	1,990
MW069	4/15/2019	REG	0.0113 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.0902	--	--	--	--	--	--	9,650	14,800
MW069	10/9/2019	REG	0.00906	< 0.00400 U	< 0.0100 U	0.100 J	--	0.293	--	--	--	--	--	--	9,140	14,200
MW070	5/11/2017	REG	0.0131	0.00191 J	< 0.0100 U	0.00494 J	--	0.000213 J	--	--	--	--	--	--	298	672
MW070	9/21/2017	REG	0.0155	0.000718 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	287	1,040
MW070	3/29/2018	REG	0.0141	< 0.00400 U	< 0.0100 U	< 0.1	--	0.000337 J	--	--	--	--	--	--	350	956
MW070	3/29/2018	FD	0.0133	< 0.00400 U	< 0.0100 U	< 0.1	--	0.00149 J	--	--	--	--	--	--	350	996
MW070	9/12/2018	REG	0.0145	0.000838 J	< 0.0100 U	< 0.100 U	--	0.000481 J	--	--	--	--	--	--	387	1,120
MW070	4/12/2019	REG	0.0141	< 0.00400 U	< 0.0100 U	0.0443 J	--	0.000935 J	--	--	--	--	--	--	444	1,130
MW070	10/8/2019	REG	0.0138	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	398	1,220
MW071SA	5/9/2017	REG	0.00711	0.0076	< 0.0100 U	0.252 J	--	0.389	--	--	--	--	--	--	590	1,750
MW071SA	9/20/2017	REG	0.00923	0.00315 J	< 0.0100 U	0.155	--	0.299	--	--	--	--	--	--	495	1,380
MW071SA	3/22/2018	REG	0.00852	0.00884	< 0.0100 U	< 0.1	0.0624	0.142	--	--	--	--	--	--	560	1,410
MW071SA	9/12/2018	REG	0.00951	0.00142 J	< 0.0100 U	0.100 J	--	0.293	--	--	--	--	--	--	613	1,580
MW071SA	4/11/2019	REG	0.00836	0.00587	< 0.0100 U	0.0284 J	--	0.216	--	--	--	--	--	--	636	1,490
MW071SA	10/8/2019	REG	0.00874	0.000795 J	< 0.0100 U	< 0.100 U	--	0.273	--	--	--	--	--	--	587	1,580
MW071SA	10/8/2019	FD	0.00879	0.00110 J	< 0.0100 U	0.0251 J	--	0.284	--	--	--	--	--	--	707	1,580
MW072SA	5/9/2017	REG	0.0154	0.00268 J	< 0.0100 U	0.00480 J	--	< 0.00200 U	--	--	--	--	--	--	262	1,150
MW072SA	9/20/2017	REG	0.017	0.00101 J	< 0.0100 U	< 0.100 U	--	0.000510 J	--	--	--	--	--	--	273	1,190
MW072SA	3/22/2018	REG	0.0148	0.000617 J	< 0.0100 U	0.0909	0.0246	0.00382	--	--	--	--	--	--	231	882
MW072SA	9/12/2018	REG	0.0179	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000362 J	--	--	--	--	--	--	238	1,090
MW072SA	4/11/2019	REG	0.0186	< 0.00400 U	< 0.0100 U	0.0464 J	--	0.00182 J	--	--	--	--	--	--	218	1,050
MW072SA	10/9/2019	REG	0.0189	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00204	--	--	--	--	--	--	282	1,050
MW073SA	5/9/2017	REG	0.0112	0.00230 J	< 0.0100 U	0.0147 J	--	0.0112	--	--	--	--	--	--	409	902
MW073SA	9/20/2017	REG	0.0128	0.000850 J	< 0.0100	< 0.100 U	--	0.00351	--	--	--	--	--	--	250	886
MW073SA	3/22/2018	REG	0.0118	< 0.00400 U	< 0.0100 U	< 0.1	0.0368	0.000798	--	--	--	--	--	--	189	3,270
MW073SA	9/12/2018	REG	0.0112	< 0.00400 U	< 0.0100 U	0.231	--	0.00136 J	--	--	--	--	--			

Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6-C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW074SA	9/20/2017	REG	0.0131	0.00754	< 0.0100 U	< 0.100 U	--	0.000218 J	--	--	--	--	--	--	382	1,700
MW074SA	3/22/2018	REG	0.0125	0.00601	< 0.0100 U	< 0.1	0.0288	< 0.002	--	--	--	--	--	--	350	1,580
MW074SA	9/12/2018	REG	0.0152	0.00517	< 0.0100 U	< 0.100 U	--	0.000226 J	--	--	--	--	--	--	376	1,510
MW074SA	4/12/2019	REG	0.0151	0.00508	< 0.0100 U	0.0318 J	--	0.000585 J	--	--	--	--	--	--	384	1,520
MW074SA	10/8/2019	REG	0.0153	0.0058	0.00610 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	363	1,640
MW075SA	5/8/2017	REG	0.0125	0.0112	0.00840 J	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	397	1,820
MW075SA	9/20/2017	REG	0.0143	0.0135	0.00650 J	< 0.100 U	--	0.000256 J	--	--	--	--	--	--	377	1,880
MW075SA	3/22/2018	REG	0.0123	0.0121	< 0.0100 U	< 0.1	0.0136	< 0.002	--	--	--	--	--	--	362	1,730
MW075SA	9/11/2018	REG	0.0152	0.0135	0.00660 J	< 0.100 U	--	0.000321 J	--	--	--	--	--	--	399	1,670
MW075SA	4/11/2019	REG	0.0134	0.0128	0.00940 J	< 0.100 U	--	0.000224 J	--	--	--	--	--	--	466	1,770
MW075SA	10/8/2019	REG	0.0146	0.0116	0.0113	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	422	1,830
MW075SA	10/8/2019	FD	0.0144	0.0117	0.0100 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	495	1,850
MW076SA	5/8/2017	REG	0.0103	0.012	0.00920 J	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	580	2,170
MW076SA	9/20/2017	REG	0.0119	0.0146	0.00760 J	< 0.100 U	--	0.000882 J	--	--	--	--	--	--	623	2,060
MW076SA	3/22/2018	REG	0.0109	0.0128	0.00300 J	0.0973	0.0222	0.00196	--	--	--	--	--	--	579	2,020
MW076SA	9/11/2018	REG	0.013	0.0137	0.00580 J	0.0231 J	--	0.000582 J	--	--	--	--	--	--	583	1,850
MW076SA	4/11/2019	REG	0.0123	0.0119	0.0143	0.225	--	0.00388	--	--	--	--	--	--	601	1,950
MW076SA	10/8/2019	REG	0.0126	0.00657	0.00740 J	0.0567 J	--	0.000831 J	--	--	--	--	--	--	398	1,890
MW079SA	5/8/2017	REG	0.00324	< 0.00400 U	< 0.0100 U	0.428	--	0.0566	--	--	--	--	--	--	303	1,130
MW079SA	9/20/2017	REG	0.00748	0.00105 J	< 0.0100 U	0.101	--	0.0251	--	--	--	--	--	--	308	1,220
MW079SA	3/23/2018	REG	0.00663	< 0.00400 U	< 0.0100 U	0.335	--	0.0531	--	--	--	--	--	--	278	635
MW079SA	9/12/2018	REG	0.00709	0.000775 J	< 0.0100 U	0.176	--	0.0406	--	--	--	--	--	--	270	1,140
MW079SA	9/12/2018	FD	0.00707	0.000783 J	< 0.0100 U	0.184	--	0.042	--	--	--	--	--	--	269	1,030
MW079SA	4/15/2019	REG	0.00583	0.00103 J	< 0.0100 U	0.581	--	0.0511	--	--	--	--	--	--	271	1,140
MW079SA	10/9/2019	REG	0.00843	< 0.00400 U	< 0.0100 U	0.0585 J	--	0.0218	--	--	--	--	--	--	271	1,100
MW083SA	5/8/2017	REG	0.0115	0.00703	< 0.0100 U	0.867	--	0.0785	--	--	--	--	--	--	1,510	3,780
MW084SA	5/8/2017	REG	0.0108	0.0328	0.0313	0.0341	--	< 0.00200 U	--	--	--	--	--	--	1,210	2,980
MW084SA	9/20/2017	REG	0.0098	0.0165	0.0112	< 0.100 U	--	0.00181 J	--	--	--	--	--	--	1,610	3,970
MW084SA	3/22/2018	REG	0.00734	0.0126	< 0.0100 U	0.324	0.0369	0.0115	--	--	--	--	--	--	1,400	3,890
MW084SA	9/11/2018	REG	0.00938	0.0168	0.00860 J	< 0.100 U	--	0.0029	--	--	--	--	--	--	1,370	3,060
MW084SA	4/11/2019	REG	0.00962	0.0205	0.0167	0.415	--	0.0177	--	--	--	--	--	--	1,220	5,910
MW084SA	10/8/2019	REG	0.00979	0.0208	0.0204	< 0.100 U	--	0.00474	--	--	--	--	--	--	791	2,860
MW085SA	5/8/2017	REG	0.0111	0.0254	0.0244	< 0.0200 U	--	0.00864	--	--	--	--	--	--	1,430	3,850
MW085SA	9/20/2017	REG	0.0124	0.0293	0.0182	< 0.100 U	--	0.0241	--	--	--	--	--	--	1,410	4,160
MW085SA	3/22/2018	REG	0.0142	0.0336	0.0126	0.0345	0.0449	0.0332	--	--	--	--	--	--	1,470	4,090
MW085SA	9/11/2018	REG	0.014	0.0258	0.00280 J	0.177	--	0.115	--	--	--	--	--	--	1,650	3,270
MW085SA	4/11/2019	REG	0.0141	0.0559	0.0236	0.319	--	0.0265	--	--	--	--	--	--	1,580	3,660
MW085SA	10/8/2019	REG	0.0128	0.0497	0.0318	0.102	--	0.0167	--	--	--	--	--	--	1,210	3,890
MW086SA	5/9/2017	REG	0.0103	0.0549	0.00840 J	0.241 J	--	0.00381	--	--	--	--	--	--	1,470	3,800
MW086SA	9/20/2017	REG	0.0111	0.0475	0.0464	0.515	--	0.0101	--	--	--	--	--	--	1,370	3,420
MW086SA	3/22/2018	REG	0.00957	0.039	0.0341	0.266	0.0267	0.00512	--	--	--	--	--	--	1,260	2,640
MW086SA	9/11/2018	REG	0.0123	0.034	0.0255	< 0.100 U	--	0.00153 J	--	--	--	--	--	--	1,260	3,110
MW086SA	4/11/2019	REG	0.0116	0.0482	0.0385	0.0839 J	--	0.00235	--	--	--	--	--	--	1,370	3,160
MW086SA	10/8/2019	REG	0.0123	0.0762	0.067	< 0.100 U	--	0.00833	--	--	--	--	--	--	1,110	3,240
MW087A	5/4/2017	REG	0.00338	0.0478	< 0.0100 U	1.12	--	0.548	--	--	--	--	--	--	1,210	3,550
MW087A	4/4/2018	REG	0.00115 J	0.0265	< 0.0100 U	1.18	--	0.281	--	--	--	--	--	--	1,270	4,040
MW087A	4/17/2019	REG	0.00120 J	0.0423	0.00490 J	3.56	--	0.185	--	--	--	--	--	--	1,190	3,840
MW088M	5/5/2017	REG	0.0235	0.165	< 0.0100 U	0.688	--	0.798	--	--	--	--	--	--	942	3,300
MW088M	9/22/2017	REG	0.0304	0.194	< 0.0100 U	7.5	--	0.931	--	--	--	--	--	--	820	3,100
MW088M	4/4/2018	REG	0.0286	0.164	< 0.0100 U	7.59	--	0.788	--	--	--	--	--	--	876	3,290
MW088M	9/13/2018	REG	0.0234	0.157	< 0.0100 U	1.99	--	0.994	--	--	--	--	--	--	1,760	3,200
MW088M	4/17/2019	REG	0.0217	0.138	< 0.0100 U	1.72 J	--	1.26	--	--	--	--	--	--	957	3,690
MW088M	10/10/2019	REG	0.0178	0.135	< 0.0100 U	1.98	--	1.40 J	--	--	--	--	--	--	980	3,620
MW089SA	5/4/2017	REG	0.0101	1.15	1.02	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	948	3,160
MW089SA	9/22/2017	REG	0.0112	1.24	1.26	< 0.100 U	--	0.000274 J	--	--	--	--	--	--	905	4,240
MW089SA	4/4/2018	REG	0.0102	1.14	1.02	< 0.100 U	--	0.000901 J	--	--	--	--	--	--	1,020	3,730
MW089SA	9/14/2018	REG	0.0109	1.18	1.04	< 0.100 U	--	0.000448 J	--	--	--	--	--	--	1,040	3,780
MW089SA	4/17/2019	REG	0.0107	1.1	1.06	< 1.00 U	--	0.00835	--	--	--	--	--	--	934	4,260
MW089SA	10/11/2019	REG	0.0103	1.12	1.15	< 0.100 U	--	0.000543 J	--	--	--	--	--	--	929	3,770
MW090	5/4/2017	FD	0.00813	0.187	0.19	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	374	2,320
MW090SA	5/4/2017	REG	0.0094	0.194	0.188	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	471	2,460
MW090SA	4/4/2018	REG	0.00926	0.263	0.258	< 0.100 U	--	0.000541 J	--	--	--	--	--	--	520	2,280
MW090SA	4/17/2019	REG	0.0096	0.265	0.31	< 0.100 U	--	0.000728 J	--	--	--	--	--	--	520	2,210
MW091SA	5/5/2017	REG	0.00905	0.786	0.687	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	780	3,340
MW093SA	9/22/2017	REG	0.00906	0.645	0.702	< 1.00 U	--	0.0478	--	--	--	--	--	--	857	3,880
MW093SA	3/29/2018	REG	0.00826	0.523	0.557	< 0.1	--	0.142	--	--	--	--	--	--	982	3,000
MW093SA	9/14/2018	REG	0.00859	0.494	0.504	< 0.100 U	--	0.019	--	--	--	--	--	--	914	3,440
MW093SA	4/16/2019	REG	0.00811	0.405	0.365	0.0483 J	--	0.244	--	--	--	--	--	--	984	3,220
MW093SA	10/10/2019	REG	0.0092	0.547	0.518	0.0382 J	--	0.121 J	--	--	--	--	--	--	18.2 J	3,500
MW093SA	10/10/2019	FD	0.0092	0.563	0.528	0.0313 J	--	0.119 J	--	--	--	--	--	--	885 J	3,390
MW094	5/11/2017	REG	0.00835	1.62	1.72	0.0465	--	0.0363	--	--	--	--	--	--	873	4,000
MW094	4/3/2018	REG	0.0095	1.74	1.65	< 0.100 U	--	0.0140 J	--	--	--	--	--	--	960	3,390
MW094	4/16/2019	REG	0.0108	1.53	1.88 J	0.134	--	0.0141	--	--	--	--	--	--	1,070	3,860
MW095	5/11/2017	REG	0.00731	4.07	4.06	0.0336	--	0.0688	--	--	--	--	--	--	1,650	6,570
MW095	3/29/2018	REG	0.00933	4.15	1.03	< 0.1	--	0.132	--	--	--	--	--	--	1,520	4,020
MW095	9/13/2018	REG	0.00984 J	3.93	3.62	< 0.500 U	--	0.14	--	--	--	--	--	--	1,380	3,650
MW095	4/16/2019	REG	0.0093	3.77	3.46 J	0.242	--	0.147	--	--	--	--	--	--	1,500	3,760 J
MW095	4/16/2019	FD	0.00823	3.97	3.54	0.239	--	0.126	--	--	--	--	--	--	1,410	5,320 J
MW095	10/9/2019	REG	0.00909	3.29	3.02	< 0.100 U	--	0.142	--	--	--	--	--	--	1,280	3,440
MW095	10/9/2019	FD	0.00914	3.58	3.11 J	< 0.100 U	--									

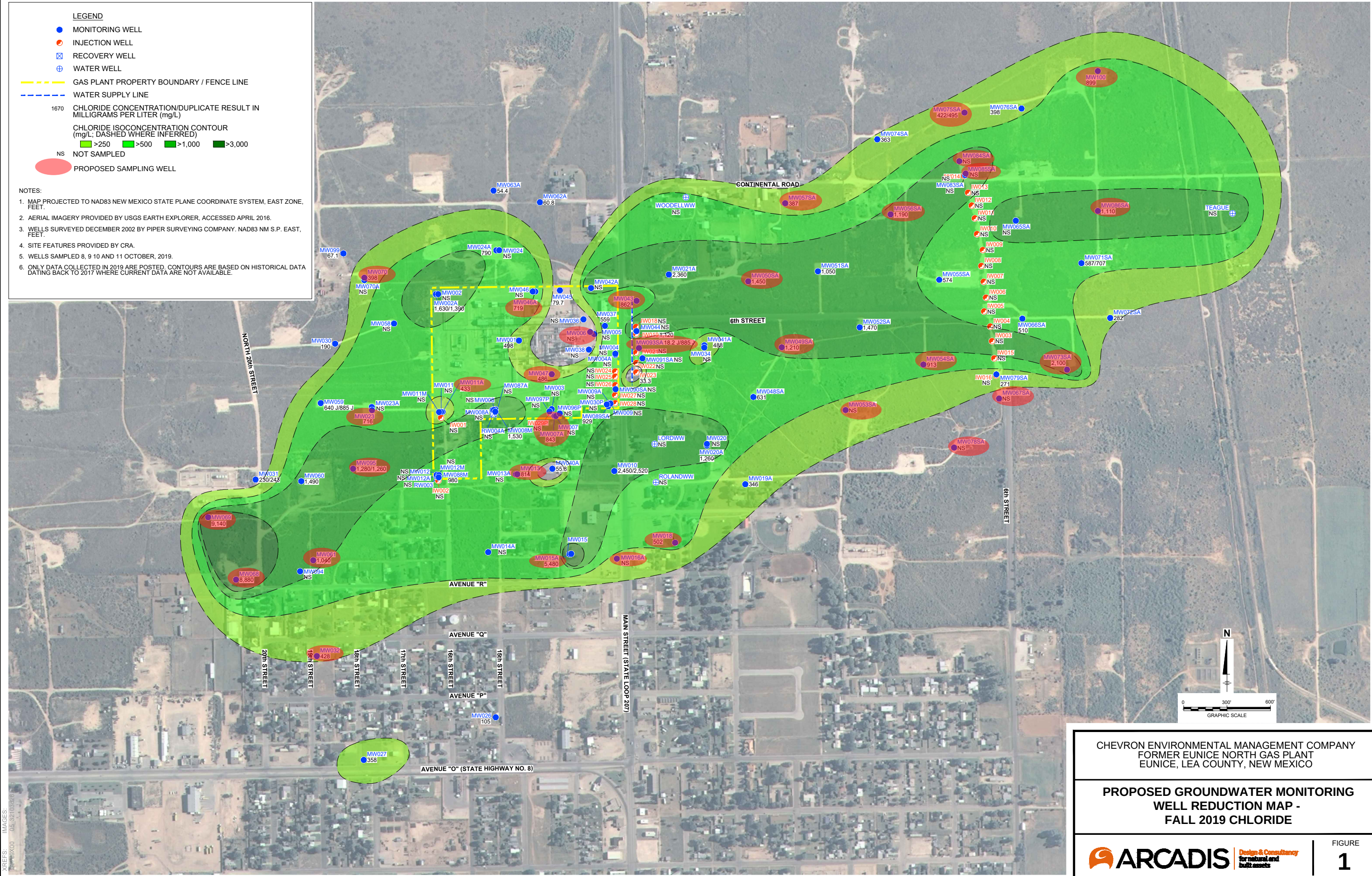
Table 2. Summary of Historical Groundwater Analytical Results
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Parameter Name			Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	Petroleum Hydrocarbons (C6-C10)-GRO	C10-C28 Petroleum Hydrocarbons, Diesel	Chloride	Total Dissolved Solids (TDS)
Report Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Location ID	Date Sampled	Sample Purpose														
NMWQCC Domestic			0.1 mg/L	0.05 mg/L	0.05 mg/L	1.0 mg/L	2 mg/L	0.2 mg/L	0.005 mg/L	1 mg/L	0.7 mg/L	0.62 mg/L	--	--	250 mg/L	1000 mg/L
MW097P	5/4/2017	REG	0.00811	0.39	0.379	< 0.0200 U	--	0.0722	--	--	--	--	--	--	1,010	3,760
MW097P	4/4/2018	REG	0.00869	0.385	0.371	< 0.100 U	--	0.0554	--	--	--	--	--	--	965	3,670
MW097P	4/16/2019	REG	0.0111 J	0.479	0.36	< 0.500 U	--	0.0557	--	--	--	--	--	--	1,010	3,480
MW099	5/11/2017	REG	0.0375	0.00134 J	< 0.0100 U	0.0509 J	--	0.387	--	--	--	--	--	--	74	336
MW099	9/21/2017	REG	0.0297	< 0.00400 U	< 0.0100 U	0.0705 J	--	0.322	--	--	--	--	--	--	66.9	496
MW099	3/29/2018	REG	0.0124	< 0.00400 U	< 0.0100 U	0.0835	--	0.262	--	--	--	--	--	--	64.8	429
MW099	3/29/2018	FD	0.012	< 0.00400 U	< 0.0100 U	0.0661	--	0.252	--	--	--	--	--	--	67.2	447
MW099	9/13/2018	REG	0.00898 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.219	--	--	--	--	--	--	64.6	496
MW099	4/12/2019	REG	0.00744	< 0.00400 U	< 0.0100 U	0.0423 J	--	0.18	--	--	--	--	--	--	72.8	453
MW099	10/9/2019	REG	0.01	< 0.00400 U	< 0.0100 U	0.0626 J	--	0.195	--	--	--	--	--	--	67.1	486
MW100	5/9/2017	REG	0.00793	0.00191 J	< 0.0100 U	0.151 J	--	0.184	--	--	--	--	--	--	690	1,780
MW100	5/9/2017	FD	0.00873	0.00209 J	< 0.0100	0.212 J	--	0.246	--	--	--	--	--	--	632	1,700
MW100	9/20/2017	REG	0.0129	0.00223 J	< 0.0100 U	0.528	--	0.124	--	--	--	--	--	--	667 J	1,640 J
MW100	9/20/2017	FD	0.0139	0.00125 J	< 0.0100 U	0.426	--	0.116	--	--	--	--	--	--	216 J	760 J
MW100	3/22/2018	REG	0.00858	< 0.00400 U	< 0.0100 U	0.0727	0.0385	0.172	--	--	--	--	--	--	743	2,200
MW100	9/11/2018	REG	0.00935	< 0.00400 U	< 0.0100 U	0.0583 J	--	0.253	--	--	--	--	--	--	789	1,640
MW100	9/11/2018	FD	0.00906	< 0.00400 U	< 0.0100 U	0.0569 J	--	0.223	--	--	--	--	--	--	865	1,730
MW100	4/11/2019	REG	0.0106	0.00733	< 0.0100 U	0.36	--	0.299	--	--	--	--	--	--	948	1,900
MW100	4/11/2019	FD	0.0106	0.00692	< 0.0100 U	0.345	--	0.303	--	--	--	--	--	--	976	1,970
MW100	10/8/2019	REG	0.00952	0.000802 J	< 0.0100 U	0.0928 J	--	0.27	--	--	--	--	--	--	899	2,210
MW70A	5/11/2017	REG	0.0182	0.00348 J	< 0.0100 U	0.00351 J	--	0.000259 J	--	--	--	--	--	--	49.3	414
RW003	5/5/2017	REG	0.0792	< 0.00400 U	< 0.0100 U	38.7	--	1.21	--	--	--	--	--	--	509	2,460
RW004A	5/4/2017	REG	0.036	0.0285	< 0.0100 U	23.1	--	0.274	--	--	--	--	--	--	573	3,310
Teague	5/11/2017	REG	0.00457	0.00844	< 0.0100 U	0.0466 J	--	0.0185	--	--	--	--	--	--	1,170	2,830
Trip Blank	5/5/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/9/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/10/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/11/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
WoodellWW	5/11/2017	REG	0.0095	0.115	0.113	0.0826 J	--	0.000684 J	--	--	--	--	--	--	532	1,630

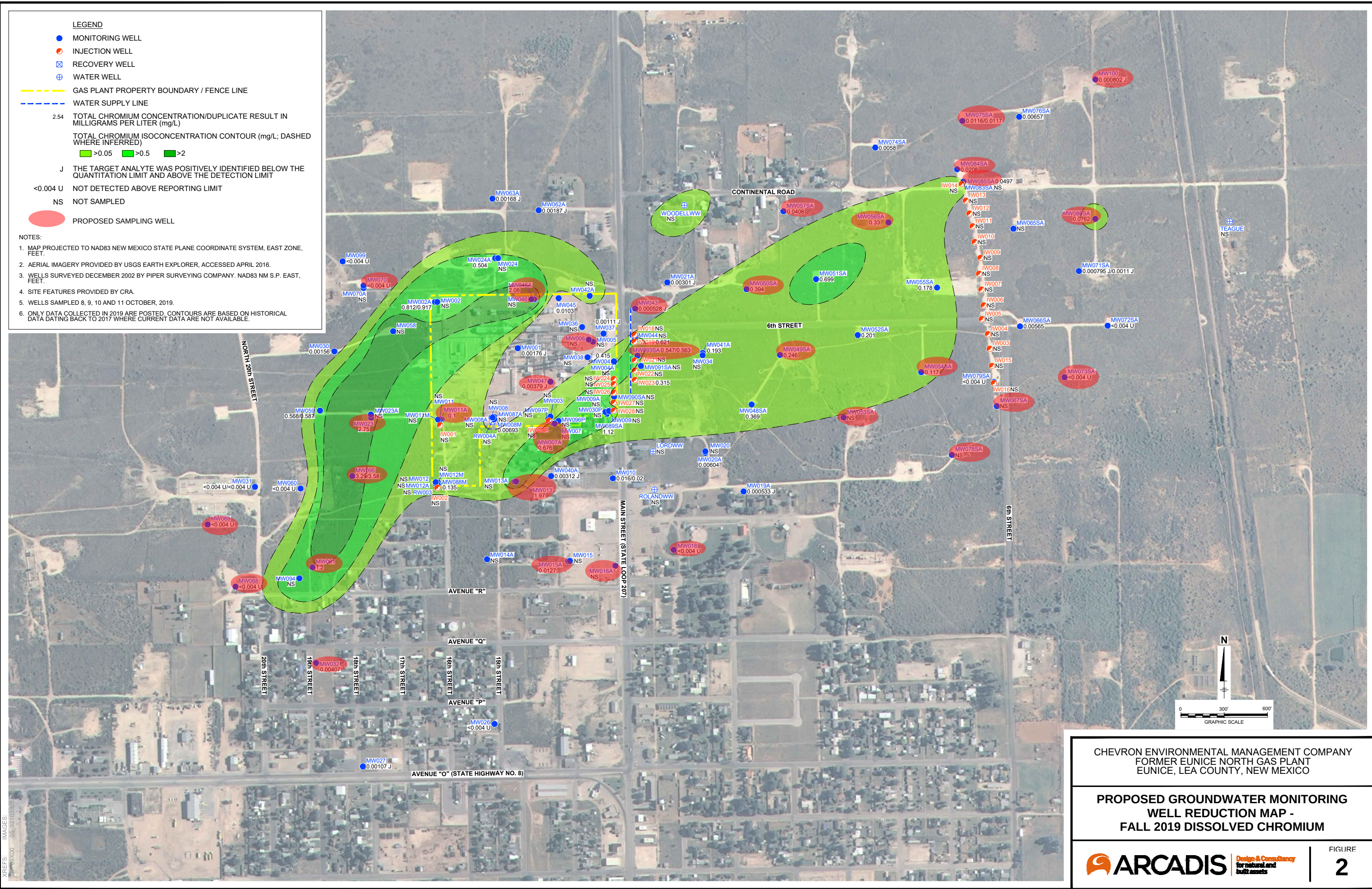
FIGURES



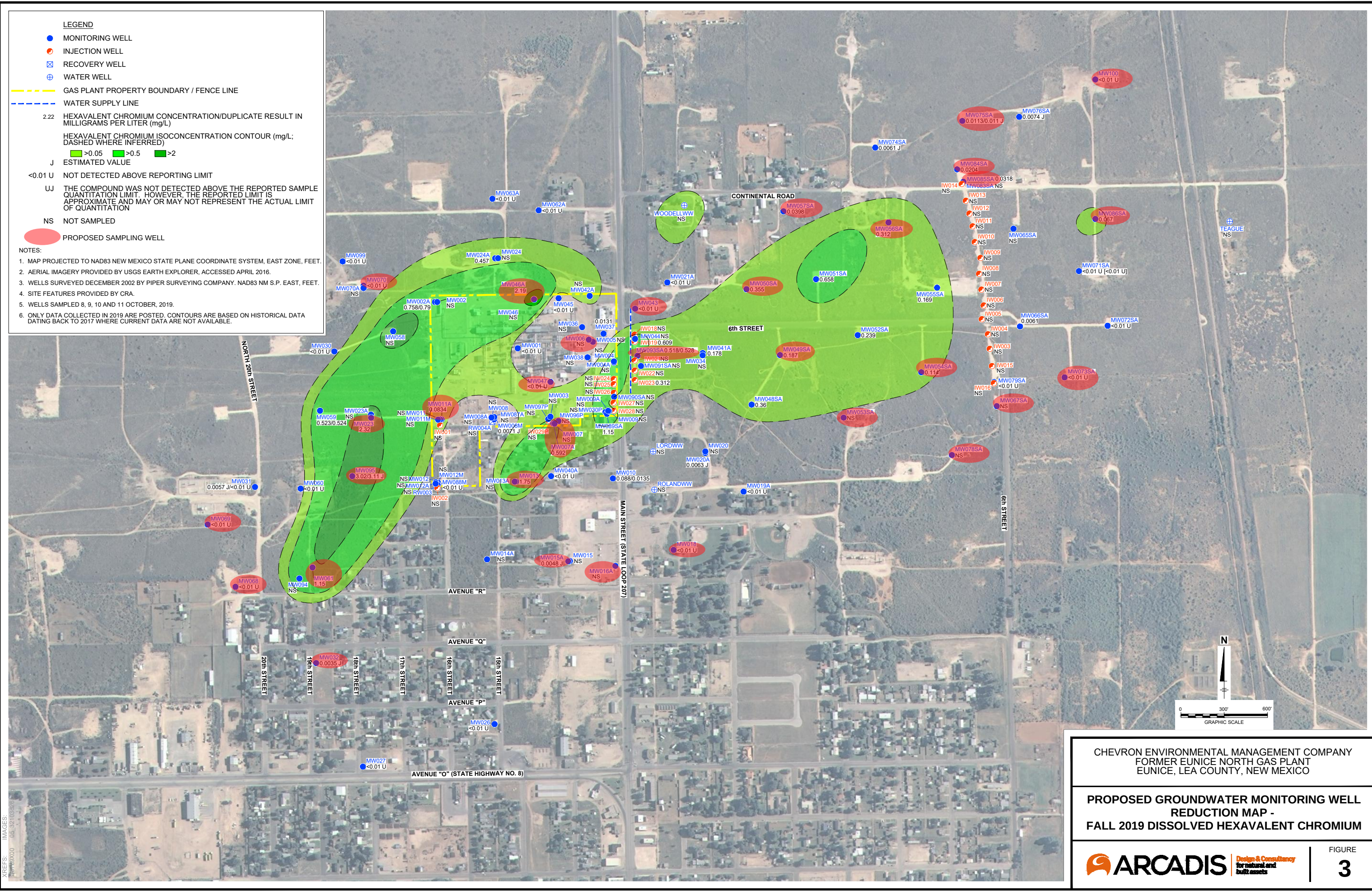
DIV/GRP: ENV/CD
C:\Users\chulab4677\OneDrive\Documents\Projects\North Gas Plant\Site O&M\2020\3000611401+DWG\EN Fig 5 CIM Fall 2019.dwg LAYOUT: 5 SAVED: 2/21/2020 2:03 PM ACADVER: 23.1S (LMS TECH) PAGES: 5 PLOTTED: 2/21/2020 2:11 PM BY: CHUTIA BARAKHA



DIV/GRP: ENV/CD
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DIV/GRP: EN/CAD
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 9324

CONDITIONS

Operator: Arcadis U.S., Inc 630 Plaza Drive Highlands Ranch, CO 80129	OGRID: 329073
	Action Number: 9324
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See app ID 157671 for most updated status.	12/12/2022