

## **ASSESSMENT WORKPLAN**

SCRIPPS PIT (AP-25) INCIDENT NO. NAUTOFAB000640 UNIT M, SECTION 25, TOWNSHIP 18S, RANGE 26E EDDY COUNTY, NEW MEXICO 32.713408, -104.342746 RANGER REFERENCE NO. 5375

**PREPARED FOR:** 

EOG RESOURCES, INC. MIDLAND DIVISION 5509 CHAMPIONS DRIVE MIDLAND, TEXAS 79706

PREPARED BY:

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MARCH 18, 2025

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ASSESSMENT WORKPLAN SCRIPPS PIT (AP-25) INCIDENT NO. NAUTOFAB000640 UNIT M, SECTION 25, TOWNSHIP 18S, RANGE 26E EDDY COUNTY, NEW MEXICO 32.713408, -104.342746 RANGER REFERENCE NO. 5375

## 1.0 SITE LOCATION AND BACKGROUND

The Scripps Pit (Site) is a historic oil and gas production pit formerly located at the Scripps Battery, an oil and gas production facility located on private land, approximately 9.44 miles southsouthwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit M, Section 26, T18S-R26E at GPS coordinates 32.713408, -104.342746. The Scripps Battery is currently active and is being operated by Silverback Operating II (Silverback). Based on the Site history and transaction history, EOG Resources, Inc. (EOG) maintains environmental responsibility for the impacts related to NAUTOFAB000741 at the Site.

The Scripps Battery was historically operated by H&S Oil Company (H&S) and the unlined earthen production pit (Scripps Pit) was formerly utilized by H&S for oil and gas fluid storage/impoundment. In 1997, Yates Petroleum Corporation (Yates) acquired the Scripps Battery and associated pit from H&S. While operated by Yates, the pit underwent closure, and an assessment of the former pit location was conducted. In September 2016, EOG acquired Yates and its associated assets including the Scripps Battery which included the subject Scripps Pit.

The production pit closure and assessment activities completed by Yates documented impacts to the native soil. Groundwater impacts were also documented at the Site in the 2002 timeframe. Due to the documented conditions at the Site, coordination with the New Mexico Oil and Gas Division (NMOCD) was initiated. Communication and coordination between the NMOCD and Yates continued until 2005 when a Stage I & II Abatement Plan was submitted to the NMOCD. Based on available information, no response was ever received from the NMOCD regarding this plan. During the 2005 to 2022 timeframe, a total of 13 groundwater monitoring events were conducted at the Site. In May 2021, additional soil investigation activities were completed at the Site.

In 2023, EOG engaged Ranger Environmental Services, LLC (Ranger) to assist in the continuation of the assessment and remediation efforts at the Site as well as to re-establish communications with the NMOCD regarding the Site. In May 2023, Ranger personnel established communications with the NMOCD, and began discussion of the Site with Mr. Nelson Velez of the NMOCD including the steps needed to bring the Site into compliance with the current regulatory criteria and New Mexico Administrative Code (NMAC). As discussed with Mr. Velez, on September 19, 2023, a draft comprehensive *Site Chronology and Status Update* report was submitted to the NMOCD to provide the NMOCD with a summary of the Site history and the cumulative soil and groundwater data so that a regulatory path forward could be established. Due to a change in the regulatory project manager and since no response had been received from the

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NMOCD regarding the draft *Site Chronology and Status Update* report, the report was subsequently formally submitted to the NMOCD.

Based on the initial directives provided by Mr. Velez, an additional groundwater monitoring event was completed in the fourth quarter of 2023. A Ranger-prepared *Annual Groundwater Monitoring Report* dated March 27, 2024 (*"2023 Annual Groundwater Monitoring Report"*) was subsequently submitted to the NMOCD for review which documented the results of the 2023 sampling activities.

As detailed in the 2023 Annual Groundwater Monitoring Report, additional sampling events were completed at the Site beginning in the second quarter of 2024 and would be continued on a quarterly basis. Groundwater sampling events were completed by Ranger personnel in May, September, and December 2024. Full details of the 2024 groundwater sampling activities will be included in an Annual Groundwater Monitoring Report to be submitted to the NMOCD no later than April 1, 2025.

On October 23, 2024, EOG and NMOCD representatives participated in a meeting to discuss the Site status and the recommendations for additional Site assessment that were presented in Ranger's 2023 Annual Groundwater Monitoring Report, and to determine an appropriate path forward for the Site. During the meeting, the NMOCD requested modifications to the assessment workplan presented in Ranger's 2023 annual report. As such, Ranger has prepared the following assessment workplan which incorporates the NMOCD-requested modifications for additional soil and groundwater assessment activities at the subject Site.

A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas are attached. A *Site Map* depicting the pertinent Site features is also attached.

## 2.0 PROPOSED ASSESSMENT ACTIVITIES

### 2.1 <u>Proposed Monitor Well Locations</u>

Ranger proposes to install a total of four additional monitoring wells at the subject Site at the locations illustrated on the attached *Proposed Monitor Well Location Map*.

As previously discussed in Ranger's *Site Chronology and Status Update* and *2023 Annual Groundwater Monitoring Report,* historic operations at the site do appear to have resulted in a low-level benzene impact to groundwater immediately underlying the former pit area which is currently below the NMAC 20.6.2.3103 criteria and appears to be in a declining condition. However, based on the available data and the current site monitor well configuration, it is difficult to discern if elevated chloride and total dissolved solids (TDS) concentrations at the site are related to former pit operations, background conditions, and/or another source area to the east of the pit. Additionally, it is unclear if the remainder of the site constituents of concern in exceedance of the New Mexico Water Quality Commission (WQCC) standards are related to determine whether the former production pit is the source for the elevated groundwater concentrations in the Site area.



## 2.2 <u>Well Installation Methodologies and Soil Sampling</u>

Installation of the proposed monitor wells will be completed utilizing air rotary drilling techniques and the wells will be installed to an approximate depth of 55 feet below ground surface (bgs). During the drilling process, the encountered soils will be described by Ranger personnel on the basis of lithology, color, texture, and visual observations of any potential contaminant impacts. Field screening of the encountered soils will be completed utilizing an organic vapor monitor (OVM) and a field chloride titration kit. Discrete, grab soil samples will be collected for laboratory analysis at approximate five-foot intervals using split spoon sampling techniques. The initial proposed soil sample will be collected at a depth of five feet bgs and samples will then be collected at approximate five-foot intervals to the boring terminal depths.

Upon collection, the soil samples will be transported to an approved laboratory for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and total chloride using either EPA 300 or SM 4500.

Upon completion of the drilling activities, each soil boring will be completed as a two-inch diameter monitor well. The monitor wells will be completed as follows:

- Two-inch diameter schedule 40 PVC well pipe assembly;
- 25 feet of well screen consisting of 0.010-feet machine-slotted openings with threaded/flush joint assembly with a sufficient length of riser pipe to reach the surface;
- 20-40 graded silica sand placed in the annular space between the borehole and the casing from the bottom of the hole to two feet above the screened interval;
- A minimum of two feet of hydrated bentonite pellets placed above the sand pack;
- Portland cement grout mixture placed from the top of the bentonite pack to the surface; and;
- A 3' x 3' concrete surface completion with an approximate three-foot PVC riser contained within a locking metal shroud, a locking well cap, and protective bollards.

Following the completion of the well installation process, the newly installed monitor wells will be developed by removing five resident well water volumes (or until the well goes dry). A level survey will also be conducted and the top of casing of each monitor well will be surveyed to an existing monitor well.

All produced soil cuttings and well development water will be containerized in 55-gallon drums or other suitable containers and temporarily stored on the subject Site. The drums will be labeled with the source and date information and will subsequently be transported off-site for disposal at an authorized facility.

### 2.3 Groundwater Sampling

Following installation, the proposed monitoring wells will be incorporated into the ongoing quarterly groundwater monitoring program detailed in Ranger's 2023 Annual Groundwater Monitoring Report. However, the groundwater samples collected during the initial sampling of the newly installed wells will be analyzed for the comprehensive chemicals of concern (COCs) that the existing Site monitoring wells were initially sampled for rather than the abbreviated list of COCs which were proposed in Ranger's 2023 Annual Groundwater Monitoring Report. These COCs include the following:



- EPA Method 200.8: Antimony, arsenic, lead, selenium, thallium and uranium
- **EPA Method 300.0:** Fluoride, chloride, bromide, phosphorus, orthophosphate (as P), sulfate, and nitrate+nitrite as N.
- **SM2510B:** Conductivity
- **SM2320B:** Bicarbonate (as CaCO3), carbonate (as CaCO3), and total alkalinity (as CaCO3)
- **SM2540C MOD:** Total dissolved solids
- SM4500-H+B / 9040C: pH
- EPA METHOD 200.7: Aluminum, barium, beryllium, boron, cadmium, calcium, chromium, cobalt, copper, iron, magnesium, manganese, molybdenum, nickel, potassium, silver, sodium, and zinc
- **EPA METHOD 8260B:** Benzene, toluene, ethylbenzene, and total xylenes (BTEX); naphthalene, 1-methylnaphthalene and 2-methylnaphthalene

Following the initial sampling of the newly installed monitor wells for the comprehensive historical Site COCs, Ranger will review the analytical results and identify all constituents which were detected in exceedance of the NMAC 20.6.2.3103 criteria. Ranger will then compare these constituents to the reduced groundwater COC list that the existing monitoring wells are currently being analyzed for which include:

- Arsenic
- Benzene
- Beryllium
- Boron
- Chloride
- Fluoride
- Manganese
- Mercury
- Nitrate
- Nitrite
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids
- Uranium

If any COCs are detected in the new monitoring wells which are not on the above list, then these COCs will be added to the above COC list for the future Site groundwater monitoring events.

All purge water generated during the well purging process will be placed in sealed and labeled 55-gallon drums and temporarily stored on-site pending off-site disposal.

## 3.0 PROPOSED WORK PLAN SCHEDULE AND REPORTING

Upon NMOCD approval of this work plan, the proposed monitoring well installations will be completed as soon as possible given driller availability and schedule. The newly installed wells



will then be sampled during the next scheduled quarterly groundwater monitoring event. A standalone assessment report will be submitted to the NMOCD within 60 days of receipt of the initial groundwater analytical results from the proposed monitoring wells.

The reporting of the completed Site assessment activities will include a summary of the monitor well installation activities and will provide copies of the soil boring/monitoring wells logs, the soil analytical results and the initial groundwater analytical results from the proposed monitor wells. Ranger will also provide recommendations for any modifications to the ongoing quarterly groundwater monitoring program, or for any additional assessment activities which may be needed.



# FIGURES

Topographic Map Area Map Site Map Proposed Monitor Well Location Map

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# TABLES

Cumulative Well Gauging Data Cumulative Groundwater EPA Method 300.0: Anions Cumulative Groundwater Dissolved Metals (Table 1 of 2) Cumulative Groundwater Dissolved Metals (Table 2 of 2) Cumulative Groundwater TPH and VOC Data Summary Cumulative Groundwater Specific Conductance, pH, Alkalinity, and TDS

		CUMULA <sup>.</sup> EDDY	TIVE WELL GAU SCRIPP PIT COUNTY, NEW AP-25	IGING DATA MEXICO		
WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-1	9/18/2002	3,287.52	41.18	0.00	3246.34	23'-38'
MW-1	9/19/2002	3,287.52	41.25	0.00	3246.27	23'-38'
MW-1	11/8/2004	3,287.52	41.16	0.00	3246.36	23'-38'
MW-1	12/1/2004	3,287.52	41.00	0.00	3246.52	23'-38'
MW-1	12/15/2004	3,287.52	40.91	0.00	3246.61	23'-38'
MW-1	12/21/2004	3,287.52	40.87	0.00	3246.65	23'-38'
MW-1	12/30/2004	3,287.52	40.84	0.00	3246.68	23'-38'
MW-1	3/6/2018	3,287.52	34.72	0.00	3252.80	23'-38'
MW-1	3/28/2018	3,287.52	34.61	0.00	3252.91	23'-38'
MW-1	3/11/2019	3,288.79	35.44	0.00	3253.35	23'-38'
MW-1	10/29/2019	3,288.79	35.86	0.00	3252.93	23'-38'
MW-1	9/18/2020	3,288.79	36.60	0.00	3252.19	23'-38'
MW-1	8/24/2021	3,288.79	34.72	0.00	3254.07	23'-38'
MW-1	11/29/2023	3,288.79	36.48	0.00	3252.31	23'-38'
MW-1	5/1/2024	3,288.79	36.45	0.00	3252.34	23'-38'
MW-1	9/25/2024	3,288.79	37.17	0.00	3251.65	23'-38'
MW-1	12/11/2024	3,288.79	37.66	0.00	3251.13	23'-38'

		CUMULA <sup>.</sup> EDDY	TIVE WELL GAU SCRIPP PIT COUNTY, NEW AP-25	IGING DATA MEXICO		
WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-2	9/18/2002	3287.91	41.95	0.00	3245.96	30'-45'
MW-2	9/19/2002	3287.91	41.95	0.00	3245.96	30'-45'
MW-2	11/8/2004	3287.91	42.00	0.00	3245.91	30'-45'
MW-2	12/1/2004	3287.91	41.81	0.00	3246.10	30'-45'
MW-2	12/15/2004	3287.91	41.73	0.00	3246.18	30'-45'
MW-2	12/21/2004	3287.91	41.72	0.00	3246.19	30'-45'
MW-2	12/30/2004	3287.91	41.68	0.00	3246.23	30'-45'
MW-2	3/6/2018	3287.91	35.65	0.00	3252.26	30'-45'
MW-2	3/28/2018	3287.91	35.52	0.00	3252.39	30'-45'
MW-2	3/11/2019	3289.17	36.34	0.00	3252.83	30'-45'
MW-2	10/29/2019	3289.17				30'-45'
MW-2	9/18/2020	3289.17	37.42	0.00	3251.75	30'-45'
MW-2	8/24/2021	3289.17	35.88	0.00	3253.29	30'-45'
MW-2	11/29/2023	3289.17	37.12	0.00	3252.05	30'-45'
MW-2	5/1/2024	3289.17	37.10	0.00	3252.07	30'-45'
MW-2	9/25/2024	3289.17	38.15	0.00	3251.02	30'-45'
MW-2	12/11/2024	3289.17	38.28	0.00	3250.89	30'-45'

		CUMULA EDDY	TIVE WELL GAU SCRIPP PIT COUNTY, NEW AP-25	IGING DATA MEXICO		
WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-3	9/18/2002	3288.79	42.84	0.00	3245.95	35'-50'
MW-3	9/19/2002	3288.79	42.86	0.00	3245.93	35'-50'
MW-3	11/8/2004	3288.79	42.90	0.00	3245.89	35'-50'
MW-3	12/1/2004	3288.79	42.73	0.00	3246.06	35'-50'
MW-3	12/15/2004	3288.79	42.65	0.00	3246.14	35'-50'
MW-3	12/21/2004	3288.79	42.58	0.00	3246.21	35'-50'
MW-3	12/30/2004	3288.79	42.52	0.00	3246.27	35'-50'
MW-3	3/6/2018	3288.79	36.08	0.00	3252.71	35'-50'
MW-3	3/28/2018	3288.79	35.92	0.00	3252.87	35'-50'
MW-3	3/11/2019	3290.08	36.85	0.00	3253.23	35'-50'
MW-3	10/29/2019	3290.08	37.78	0.00	3252.30	35'-50'
MW-3	9/18/2020	3290.08	38.12	0.00	3251.96	35'-50'
MW-3	8/24/2021	3290.08	36.21	0.00	3253.87	35'-50'
MW-3	11/29/2023	3290.08	38.13	0.00	3251.95	35'-50'
MW-3	5/1/2024	3290.08	37.50	0.00	3252.58	35'-50'
MW-3	9/25/2024	3290.08	39.27	0.00	3250.81	35'-50'
MW-3	12/11/2024	3290.08	38.34	0.00	3251.74	35'-50'

		CUMULA <sup>-</sup> EDDY	TIVE WELL GAU SCRIPP PIT COUNTY, NEW AP-25	IGING DATA MEXICO		
WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-4	9/18/2002	3288.25	41.28	0.00	3246.97	40'-55'
MW-4	9/19/2002	3288.25	42.32	0.00	3245.93	40'-55'
MW-4	11/8/2004	3288.25	42.37	0.00	3245.88	40'-55'
MW-4	12/1/2004	3288.25	42.26	0.00	3245.99	40'-55'
MW-4	12/15/2004	3288.25	42.15	0.00	3246.10	40'-55'
MW-4	12/21/2004	3288.25	42.12	0.00	3246.13	40'-55'
MW-4	12/30/2004	3288.25	42.08	0.00	3246.17	40'-55'
MW-4	3/6/2018	3288.25	35.67	0.00	3252.58	40'-55'
MW-4	3/28/2018	3288.25	35.51	0.00	3252.74	40'-55'
MW-4	3/11/2019	3289.52	36.36	0.00	3253.16	40'-55'
MW-4	10/29/2019	3289.52	37.27	0.00	3252.25	40'-55'
MW-4	9/18/2020	3289.52	37.62	0.00	3251.90	40'-55'
MW-4	8/24/2021	3289.52	35.62	0.00	3253.90	40'-55'
MW-4	11/29/2023	3289.52	37.54	0.00	3251.98	40'-55'
MW-4	5/1/2024	3289.52	38.05	0.00	3251.47	40'-55'
MW-4	9/25/2024	3289.52	38.80	0.00	3250.72	40'-55'
MW-4	12/11/2024	3289.52	38.74	0.00	3250.78	40'-55'

Notes:

1. Elevations referenced to a temporary on-site benchmark.

2. BTOC = below top of casing

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		CUMULA	ATIVE GROUNDW	ATER EPA METI SCRIPP PIT UNTY, NEW MEX AP-25	HOD 300.0: ANION (ICO	S			
		All Values Pre	esented in Parts I	Per Million (mg/L	) unless otherwise	noted			
SAMPLE ID	DATE	Fluoride	Chloride	Bromide	Phosphorus, Orthophosphate (As P)	Sulfate	Nitrogen, Nitrite (As N)	Nitrogen, Nitrate (As N)	Nitrate+Nitrite as N
SB-2	10/21/2000		25,170						
MW-1	9/19/2002		8,150						
MW-1	11/8/2004		3,999						
MW-1	3/17/2012	< 2.0	10,000	5.6	< 10	1,500			< 10
MW-1	6/18/2012 9/12/2012	< 2.0	13,000 11,000	4.8	< 10	1,700 1,500			< 10
MW-1	12/7/2012	< 2.0	9,500	3.6	< 10	1,400			< 20
MW-1	3/12/2013	< 2.0	15,000	7.9	< 10	1,600			< 10
MW-1	6/27/2013	< 2.0	9,100	8.6	< 10	1,300			< 4.0
MW-1	3/28/2018	< 2.0	17,000	13	< 10	3.000			< 20 27
MW-1	10/29/2019	< 2.0	12,000	5	< 10	10,000			16
MW-1	9/18/2020	< 0.50	14,000	14	< 2.5	2,000			15
MW-1	8/24/2021	< 2.0	12,000	7.2	< 10	6,200			16
MW-1	8/3/2022	< 2.0	14,000	12	< 10	2,400			20
MW-1	11/29/2023	<2.0	34,000	13	< 10	4,200			20
MW-1	5/1/2024	<2.0	16,000			1,800	<10	17	
MW-1	9/25/2024	<2.0	15,000			1,500	<5.0	27	
14144 - 1	12/11/2024	4.5	10,000			1,000		13	
MW-2	9/19/2002		6,560						
MW-2	11/8/2004		4,699						
MW-2	3/17/2012 6/18/2012	< 2.0	7,300	2.5	< 10	2,600			< 4.0
MW-2	9/12/2012	< 2.0	6,900	2	< 50	2,700			< 4.0
MW-2	12/7/2012	< 2.0	5,300	< 2.0	< 10	2,400			< 10
MW-2	3/12/2013	< 2.0	6,000	3.7	< 10	2,600			< 4.0
MW-2	3/28/2018	< 2.0	5,500 9,600	< 2.0 4.3	< 10	2,700			< 4.0
MW-2	3/11/2019	< 2.0	8,100	3.3	< 10	2,300			< 10
MW-2	10/29/2019								
MW-2	9/18/2020	< 2.0	5,800	3.5	< 0.50	2,400			< 4.0
MW-2	3/22/2022	< 2.0	8,300 9.000	3.5	< 10	2,400			< 10
MW-2	8/3/2022	< 2.0	8,200	5.2	< 10	2,900			< 10
MW-2	11/29/2023	< 2.0	6,100	3.7	<0.50	2,400			< 4.0
MW-2	5/1/2024	< 2.0	5,300			2,300	<2.0	2.5	
MW-2 MW-2	9/23/2024	<2.0 2.7	4,800			2,200	<10	2.1	
					•				
MW-3	9/19/2002		4,700						
WW-3	3/17/2004	 < 2 0	5,098 4,000		 < 10	2,400			
MW-3	6/18/2012	< 2.0	4,000	2	< 10	2,400			< 4.0
MW-3	9/12/2012	< 2.0	3,900	< 2.0	< 25	2,400			< 4.0
MW-3	12/7/2012								
MW-3	6/27/2013	< 2.0	4,100	2.7	< 5.0	2,300			< 4.0
MW-3	3/28/2018	< 1.0	3,000	2.3	< 5.0	2,200			< 1.0
MW-3	3/11/2019	< 2.0	3,100	2.1	< 10	2,000			< 2.0
MW-3	10/29/2019 9/18/2020	0.53	3,600	2.3	< 2.5	2,100	<2.0	<0.50	
MW-3	8/24/2021	< 2.0	3,000	2.4 1.9	< 0.50	1,800	<2.0	0.41	< 4.0
MW-3	3/22/2022	< 2.0	3,000	< 2.0	< 10	1,700			< 4.0
MW-3	8/3/2022	< 2.0	3,400	2.6	< 10	2,000			< 4.0
MW-3	11/28/2023	< 2.0	4,000	2.8	< 0.50	1,900			< 4.0
WW-3	9/25/2024	< 2.0	4,200 4.400			2,100	<2.0	0.29	
MW-3	12/11/2024	2.9	5,100			2,300	<10	<1.0	
				-		-		-	-

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		CUMUL	ATIVE GROUNDW	IATER EPA MET SCRIPP PIT	HOD 300.0: ANIONS	5			
			EDDY CO	UNTY, NEW ME	KICO				
				AP-25					
		All Values Pre	esented in Parts I	Per Million (mg/L	.) unless otherwise	noted			
SAMPLE ID	DATE	Fluoride	Chloride	Bromide	Phosphorus, Orthophosphate (As P)	Sulfate	Nitrogen, Nitrite (As N)	Nitrogen, Nitrate (As N)	Nitrate+Nitrite as N
MW-4	9/19/2002		38,100						
MW-4	11/8/2004		32,990						
MW-4	3/17/2012	2.2	17,000	6.4	< 10	2,600			< 20
MW-4	6/18/2012	< 2.0	21,000	< 2.0	< 10	2,600			< 10
MW-4	9/12/2012	< 2.0	23,000	6.3	< 50	2,500			< 20
MW-4	12/7/2012	< 2.0	19,000	< 2.0	< 10	2,400			< 20
MW-4	3/12/2013	< 2.0	19,000	7.7	< 10	2,500			< 10
MW-4	6/27/2013	< 1.0	16,000	7.3	< 5.0	2,300			< 10
MW-4	3/28/2018	< 1.0	16,000	5.7	< 5.0	2,500			< 10
MW-4	3/11/2019	< 2.0	12,000	4.4	< 10	2,500			< 10
MW-4	10/29/2019	< 0.50	15,000	4.3	< 2.5	2,100			< 10
MW-4	9/18/2020	< 0.50	13,000	5.6	< 2.5	2,100			< 20
MW-4	8/24/2021	< 0.50	20,000	7.2	< 2.5	2,600			< 20
MW-4	3/22/2022	< 2.0	18,000	8.1	< 25	2,700			< 20
MW-4	8/3/2022	< 2.0	18,000	13	< 10	2,600			< 20
MW-4	11/29/2023	< 2.0	20,000	8.9	< 10	2,500			< 20
MW-4	5/1/2024	< 2.0	17,000			2,500	< 10	2.9	
MW-4	9/25/2024	< 2.0	21,000			2,500	< 5.0	4.8	
MW-4	12/11/2024	3.7	23,000			2,900	<10	1.3	
20.6.2.3103 NMAC GW STANE (<10,000 mg/L)	DARDS								
A. Human Health Standar	ds	1.6					1	10	10 <sup>1</sup>
B. Other Standards for Domestic W	ater Supply		250			600			
C. Standards for Irrigation	Use								
Notes: 1. This standard is for nitrate. The nitrite s 2. Exceedances of the listed closure criteri	tandard is 1.0 mg/l a are highlighted ir	L. n bold, red type.							

#### CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2) SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

All Values Presented in Parts Per Million (mg/L)

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SAMPLE ID	DATE	Aluminum	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Iron	Magnesium	Manganese	Molybdenum	Nickel	Potassium	Silver	Sodium	Zinc
MW-1	3/17/2012		0.047			< 0.0020	3,300	< 0.0060		0.024	1,300	< 0.0020			6.7	< 0.0050	930	0.041
MW-1	6/18/2012		0.044			< 0.0020	3,300	< 0.0060		0.045	1,200	< 0.0020			5.2	< 0.0050	970	0.016
MW-1	9/12/2012		0.044			< 0.0020	3,100	< 0.0060		0.027	1,200	< 0.0020			6.2	< 0.0050	970	0.014
MW-1	12/7/2012		0.049			< 0.0020	2,700	< 0.0060		0.028	1,000	< 0.0020			10	< 0.0050	910	0.025
MW-1	3/12/2013		0.046			< 0.0020	3,200	0.0068		< 0.020	1,200	< 0.0020			6.7	< 0.0050	900	0.016
MW-1	6/27/2013		0.047			< 0.0020	3,600	0.0074		< 0.020	1,200	< 0.0020			6.6	< 0.25	1,000	0.019
MW-1	3/28/2018	< 0.10	0.04	< 0.010		< 0.010	3,500	< 0.030	< 0.030	< 0.10	2,600	< 0.010	< 0.040	< 0.050	6.8	0.11	5,500	< 0.050
MW-1	3/11/2019	< 0.020	0.024	< 0.0020	0.17	< 0.0020	1,900	< 0.0060	< 0.0060	0.035	2,800	< 0.0020	< 0.0080	< 0.010	6.3	0.028	6,400	0.017
MW-1	10/29/2019	< 0.020	0.013	0.0024		< 0.0020	810	< 0.0060	< 0.0060	< 0.020	2,200	0.0046	< 0.0080	< 0.010	22	0.019	7,500	0.047
MW-1	9/18/2020	< 0.10	0.034	< 0.010	0.21	< 0.010	2,500	< 0.030	< 0.030	< 0.10	1,900	0.015	< 0.040	< 0.050	7.1	< 0.025	4,400	0.056
MW-1	8/24/2021	< 0.20	< 0.020	< 0.020	< 0.40	< 0.020	900	< 0.060	< 0.060	< 0.10	1,900	< 0.020	< 0.080	< 0.10	6.4	< 0.050	6,200	< 0.10
MW-1	3/22/2022	< 0.10	0.019	< 0.010	0.29	< 0.010	1,800	< 0.030	< 0.030	< 0.10	2,200	< 0.010	< 0.040	< 0.050	6.5	< 0.025	6,400	< 0.050
MW-1	8/3/2022	< 0.020	0.028	< 0.0020	0.24	< 0.0020	2,300	< 0.0060	< 0.0060	< 0.020	2,100	< 0.0020	< 0.0080	< 0.010	6.5	0.038	5,100	0.098
MW-1	11/29/2023	0.025	0.021	< 0.0020	0.27	< 0.0020	2,500	< 0.0060	< 0.0060	< 0.020	2,000	< 0.0020	< 0.0080	< 0.010	5.6	0.042	4,500	<0.010
MW-1	5/1/2024			<0.0020	0.13							< 0.0020				0.029		
MW-1	9/25/2024			<0.0020	0.23					<0.020		0.0024				0.085		
MW-1	12/11/2024			<0.020	<0.40							<0.020				0.24		
				•		-							•					
MW-2	3/17/2012		0.016			< 0.0020	1,000	< 0.0060		0.058	540	0.017			12	< 0.0050	3,500	0.019
MW-2	6/18/2012		0.018			< 0.010	1,000	< 0.030		< 0.10	480	0.022			10	< 0.025	3,400	< 0.050
MW-2	9/12/2012		0.014			< 0.0020	950	< 0.0060		0.054	510	0.0097			8.8	< 0.0050	3,100	< 0.010
MW-2	12/7/2012		0.015			< 0.0020	840	< 0.0060		0.056	480	0.014			16	< 0.0050	3,300	< 0.010
MW-2	3/12/2013		0.014			< 0.0020	830	< 0.0060		0.06	460	0.026			12	< 0.0050	3,100	0.012
MW-2	6/27/2013		0.015			< 0.0020	1,100	< 0.0060		0.05	550	0.019			8.1	< 0.10	3,500	< 0.010
MW-2	3/28/2018	< 0.10	0.02	< 0.010		< 0.010	860	< 0.030	< 0.030	< 0.10	460	0.071	< 0.040	< 0.050	15	0.04	5,400	< 0.050
MW-2	3/11/2019	< 0.020	0.015	< 0.0020		< 0.0020	840	< 0.0060	< 0.0060	0.047	450	0.13	< 0.0080	< 0.010	13	0.014	4,600	0.043
MW-2	10/29/2019																	
MW-2	9/18/2020	< 0.10	0.013	< 0.010	0.45	< 0.010	980	< 0.030	< 0.030	< 0.10	520	0.041	< 0.040	< 0.050	12	< 0.025	3,300	< 0.050
MW-2	8/24/2021	< 0.10	0.014	< 0.010	0.57	< 0.010	940	< 0.030	< 0.030	< 0.020	500	0.021	< 0.040	< 0.050	19	< 0.025	4,700	< 0.050
MW-2	3/22/2022	< 0.10	0.012	< 0.010	0.64	< 0.010	1,100	< 0.030	< 0.030	< 0.020	560	0.015	< 0.040	< 0.050	21	< 0.025	6,200	< 0.050
MW-2	8/3/2022	< 0.020	0.015	< 0.0020	0.61	< 0.0020	1,100	< 0.0060	< 0.0060	0.086	540	0.024	< 0.0080	< 0.010	16	0.02	5,300	0.052
MW-2	11/29/2023	< 0.020	0.0099	< 0.0020	0.41	< 0.0020	720	< 0.0060	< 0.0060	< 0.020	410	0.0091	< 0.0080	< 0.010	13	0.015	3,600	< 0.010
MW-2	5/1/2024			<0.0020	0.27							0.0034				0.0074		
MW-2	9/25/2024			0.0023	0.41					<0.20		<0.0020				0.027		
MW-2	12/11/2024			<0.010	0.53							<0.010				0.056		

### CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2) SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

SAMPLE ID	DATE	Aluminum	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Iron	Magnesium	Manganese	Molybdenum	Nickel	Potassium	Silver	Sodium	Zinc
MW-3	3/17/2012		0.016			< 0.0020	610	< 0.0060		0.43	350	0.12			8.6	< 0.0050	2,400	0.013
MW-3	6/18/2012		0.014			< 0.010	610	< 0.030		0.15	370	0.057			9	< 0.025	2,200	< 0.050
MW-3	9/12/2012		0.015			< 0.0020	550	< 0.0060		0.039	340	0.041			7.5	< 0.0050	2,200	< 0.010
MW-3	12/7/2012																	
MW-3	3/12/2013		0.015			< 0.0020	560	< 0.0060		0.043	340	0.058			10	< 0.0050	2,100	0.042
MW-3	6/27/2013		0.015			< 0.0020	680	< 0.0060		0.082	400	0.029			7.9	< 0.25	2,700	< 0.010
MW-3	3/28/2018	< 0.10	0.019	< 0.010		< 0.010	580	< 0.030	< 0.030	0.38	380	0.36	< 0.040	< 0.050	6.6	0.027	1,900	< 0.050
MW-3	3/11/2019	< 0.020	0.012	< 0.0020		< 0.0020	560	< 0.0060	< 0.0060	0.32	350	0.18	< 0.0080	< 0.010	7	0.01	1,800	0.016
MW-3	10/29/2019	< 0.020	0.014	0.0028		< 0.0020	760	< 0.0060	< 0.0060	0.28	460	0.16	< 0.0080	< 0.010	8.5	0.019	2,100	0.021
MW-3	9/18/2020	< 0.10	0.011	< 0.010	0.36	< 0.010	680	< 0.030	< 0.030	< 0.10	410	0.07	< 0.040	< 0.050	8.4	< 0.025	1,900	< 0.050
MW-3	8/24/2021	< 0.020	0.014	< 0.0020	0.33	< 0.0020	610	< 0.0060	0.0064	0.21	360	0.14	< 0.0080	< 0.010	9.5	< 0.0050	1,800	0.022
MW-3	3/22/2022	< 0.10	0.015	< 0.0020	0.32	< 0.0020	640	< 0.0060	0.0075	0.16	400	0.085	< 0.0080	< 0.010	9.6	< 0.0050	1,800	0.014
MW-3	8/3/2022	< 0.020	0.014	< 0.0020	0.29	< 0.0020	650	< 0.0060	< 0.0060	0.086	380	0.065	< 0.0080	< 0.010	8.7	0.013	2,000	0.025
MW-3	11/29/2023	< 0.020	0.011	< 0.0020	0.22	< 0.0020	680	< 0.0060	< 0.0060	0.077	410	0.071	< 0.0080	< 0.010	8.2	0.012	2,100	< 0.010
MW-3	5/1/2024			<0.0020	0.16							0.034				0.0075		
MW-3	9/25/2024			<0.0020	0.31					<0.020		0.039				0.026		
MW-3	12/11/2024			<0.020	<0.40							0.044				0.054		
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#### CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2) SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

							All Values F	Presented in Par	rts Per Million (	mg/L)								
SAMPLE ID	DATE	Aluminum	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Iron	Magnesium	Manganese	Molybdenum	Nickel	Potassium	Silver	Sodium	Zinc
MW-4	3/17/2012		0.035			< 0.020	1,700	< 0.060		< 1.0	670	0.18			37	< 0.050	8,600	< 0.10
MW-4	6/18/2012		0.028			< 0.0020	2,000	< 0.0060		0.043	690	0.11			36	< 0.0050	10,000	0.013
MW-4	9/12/2012		0.027			< 0.020	2,200	< 0.060		< 0.20	780	0.085			31	< 0.050	11,000	< 0.10
MW-4	12/7/2012		0.028			< 0.0020	1,800	< 0.0060		0.071	670	0.15			55	< 0.0050	8,400	< 0.010
MW-4	3/12/2013		0.027			< 0.0020	1,500	< 0.0060		0.038	550	0.21			45	< 0.0050	9,300	< 0.010
MW-4	6/27/2013		0.027			< 0.0020	1,700	< 0.0060		0.036	600	0.21			41	< 0.25	10,000	0.012
MW-4	3/28/2018	< 0.10	0.02	< 0.010		< 0.010	1,500	< 0.030	< 0.030	< 0.10	620	1	< 0.040	< 0.050	38	0.056	11,000	< 0.050
MW-4	3/11/2019	< 0.020	0.016	< 0.0020		< 0.0020	790	< 0.0060	< 0.0060	0.036	320	0.76	< 0.0080	< 0.010	27	0.014	7,100	0.014
MW-4	10/29/2019	< 0.10	0.018	0.015		< 0.010	1,700	< 0.030	< 0.030	< 0.10	610	0.53	< 0.040	< 0.050	29	0.059	8,600	< 0.050
MW-4	9/18/2020	< 0.10	0.038	< 0.010	1.4	< 0.010	2,000	< 0.030	< 0.030	< 0.10	700	0.79	< 0.040	< 0.050	42	< 0.025	10,000	< 0.050
MW-4	8/24/2021	< 0.10	0.028	< 0.010	1.3	< 0.010	2,200	< 0.030	0.031	< 0.020	690	0.43	< 0.040	< 0.050	43	< 0.025	10,000	< 0.050
MW-4	3/22/2022	< 0.10	0.021	< 0.010	1.5	< 0.010	2,100	< 0.030	< 0.030	< 0.10	690	0.66	< 0.040	< 0.050	37	< 0.025	10,000	< 0.050
MW-4	8/3/2022	< 0.20	0.027	< 0.020	1.1	< 0.020	2,500	< 0.060	< 0.060	< 0.20	860	0.16	< 0.080	< 0.10	24	< 0.050	9,600	0.25
MW-4	11/29/2023	0.023	0.019	< 0.0020	0.74	< 0.0020	2,500	< 0.0060	< 0.0060	< 0.20	840	0.085	< 0.0080	< 0.010	22	0.040	9,800	< 0.010
MW-4	5/1/2024			<0.0020	0.84							0.17				0.030		
MW-4	9/25/2024			0.0027	0.76					<0.020		0.042				0.065		
MW-4	12/11/2024			<0.020	1.2							0.14				0.15		
20.6.2.3103 NMAC GW STAN (<10,000 mg/L)	IDARDS																	
A. Human Health Standa	ards		2	0.004		0.005		0.05								0.05		
B. Other Standards for Domestic	Water Supply									1.0		0.2						10
C. Standards for Irrigation	ı Use	5.0			0.75				0.05				1.0	0.2				
Notes:																		
1. Exceedances of the listed closure c	riteria are highli	ghted in bold, red	d type.															

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		COMOLATIV	E GROUNDWATE	SCRIPP PIT UNTY, NEW MEX AP-25	ICO	2 OF 2)			
		A	II Values Present	ed in Parts Per M	illion (mg/L)		-		
SAMPLE ID	DATE	Antimony	Arsenic	Copper	Lead	Mercury	Selenium	Thallium	Urani
MW-1	3/17/2012		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.031		0.02
MW-1	6/18/2012		< 0.010	< 0.0060	< 0.0050	< 0.00020	0.045		0.02
MW-1	9/12/2012		0.0071	< 0.0060	< 0.0050	< 0.00020	0.033		0.02
MW-1	3/12/2012		< 0.010	< 0.0060	< 0.010	< 0.00020	0.041		0.02
MW-1	6/27/2013		0.023	< 0.0060	< 0.0050	< 0.00020	0.11		0.02
MW-1	3/28/2018		0.033	< 0.010	< 0.0050	< 0.00020	0.11		0.03
MW-1	3/11/2019	< 0.020	< 0.010	0.0077	< 0.0050	< 0.00020	0.088	< 0.0050	0.04
MW-1	10/29/2019	< 0.020	< 0.020	< 0.0060	< 0.010		0.074	< 0.010	0.0
MW-1	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050		0.076	< 0.0050	0.0
MW-1	8/24/2021	< 0.010	< 0.010	< 0.060	< 0.0050		0.076	< 0.0025	0.0
MW-1	3/22/2022	< 0.020	< 0.020	< 0.020	< 0.010		0.1	< 0.0050	0.03
MW-1	8/3/2022	< 0.010	< 0.010	< 0.010	< 0.0050		0.11	< 0.0025	0.0
MVV-1	F/1/2024	<0.0050	0.0050	< 0.0060	< 0.0025	<0.00020	0.093	< 0.0012	0.03
MW-1	9/25/2024		0.0059			<0.00020	0.066		0.03
MW-1	12/11/2024		<0.010			<0.00020	0.000		0.02
MW-2	3/17/2012		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.019		0.01
MW-2	6/18/2012		< 0.0050	< 0.030	< 0.025	< 0.00020	0.024		0.01
MW-2	9/12/2012		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.028		0.01
MW-2	12/7/2012		0.0034	< 0.0060	< 0.010	< 0.00020	0.027		0.01
MW-2	3/12/2013		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.017		0.01
MW-2	6/27/2013		0.012	< 0.0060	< 0.0050	< 0.00020	0.055		0.01
MW-2	3/28/2018		0.012	< 0.0050	< 0.0050	< 0.00020	0.014		0.01
MW-2	3/11/2019	< 0.0050	< 0.0050	< 0.0060	< 0.0025	< 0.00020	0.016	< 0.0025	0.01
MW-2 MW/-2	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050		0.013	< 0.0050	0.0
MW-2	8/24/2021	< 0.010	< 0.010	< 0.030	< 0.0050		0.013	< 0.0030	0.0
MW-2	3/22/2022	< 0.0050	< 0.020	< 0.020	< 0.010		< 0.020	< 0.0050	0.01
MW-2	8/3/2022	< 0.010	< 0.010	< 0.010	< 0.0050		0.014	< 0.0025	0.01
MW-2	11/29/2023	< 0.0050	0.014	< 0.0060	< 0.0025		0.017	< 0.0012	0.01
MW-2	5/1/2024		0.010			<0.00020	0.015		0.01
MW-2	9/25/2024		0.0017			<0.00020	0.016		0.01
MW-2	12/11/2024		<0.0050			<0.00020	0.018		0.01
MW-3	3/17/2012		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.011		0.00
MW-3	6/18/2012		< 0.0050	< 0.030	< 0.025	< 0.00020	0.017		0.01
MW-3	9/12/2012		< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.026		0.01
MW-3	12/7/2012								
MW-3	3/12/2013		< 0.0050	< 0.0060	0.0073	< 0.00020	0.014		0.01
MW-3	6/27/2013		0.011	< 0.0060	< 0.0050	< 0.00020	0.047		0.01
MW-3	3/28/2018		0.0058	< 0.0050	< 0.0025	< 0.00020	< 0.0050		0.00
MW-3	3/11/2019	< 0.0050	< 0.0050	< 0.0060	< 0.0025	< 0.00020	0.0079	< 0.0025	0.00
MW-3	9/18/2020	< 0.010	< 0.010	< 0.0080	< 0.0050		< 0.010	< 0.0050	0.01
MW-3	8/24/2021	< 0.010	< 0.010	< 0.0060	< 0.0050		< 0.010	< 0.0030	0.00
MW-3	3/22/2022	< 0.0050	< 0.0050	< 0.0050	< 0.0025		0.013	< 0.0012	0.00
MW-3	8/3/2022	< 0.0050	< 0.010	< 0.010	< 0.0025		0.014	< 0.0012	0.00
MW-3	11/29/2023	< 0.0050	0.012	< 0.0060	< 0.0025		0.011	< 0.0012	0.00
MW-3	5/1/2024		0.0092			<0.00020	0.0052		0.00
MW-3	9/25/2024		0.0014			<0.00020	0.0089		0.01
MW-3	12/11/2024		<0.0050			<0.00020	<0.010		0.01
MW/-4	3/17/2012	_	< 0.0050	< 0.060	< 0.050	0.0014	0.010	<u> </u>	0.0
MW-4	6/18/2012		< 0.0000	< 0.000	< 0.050	0.0014	0.019		- 0.0
MW-4	9/12/2012		0.014	< 0.000	< 0.0000	0.00052	0.025		0.01
MW-4	12/7/2012		0.0066	< 0.0060	< 0.020	0.0028	0.029		< 0.0
MW-4	3/12/2013		< 0.010	< 0.0060	< 0.0050	0.00097	0.013		0.0
MW-4	6/27/2013		0.023	< 0.0060	< 0.0050	0.0015	0.094		0.01
MW-4	3/28/2018		0.019	<0.010	< 0.0050	0.00042	< 0.010		0.01
MW-4	3/11/2019	< 0.020	< 0.010	< 0.0060	< 0.0050	0.00072	< 0.010	< 0.0050	0.01
MW-4	10/29/2019	< 0.020	< 0.020	< 0.030	< 0.010		< 0.020	< 0.010	0.01
MW-4	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050		< 0.010	< 0.0050	0.01
MW-4	8/24/2021	< 0.010	< 0.010	< 0.030	< 0.0050		< 0.010	< 0.0025	0.01
MVV-4	3/22/2022	< 0.020	< 0.020	< 0.020	< 0.010		< 0.020	< 0.0050	0.01
IVIVV-4	8/3/2022	< 0.020	< 0.020	< 0.020	< 0.010		< 0.020	< 0.0050	0.01
WW-4	5/1/2023	< 0.0050	0.0051	< 0.0060	< 0.0025	0.00026	0.0078	< 0.0012	0.01
MW-4	9/25/2024		0.0028			0.00020	0.0096		0.01
MW-4	12/11/2024		< 0.010			<0.00020	<0.020		0.01
20.6.2.3103 NMAC GW STAN	DARDS								
(<10,000 mg/L)									
A. Human Health Standa	rds	0,006	0.01		0.015	0,002	0.05	0,002	0.0
									0.0
Other Standards for Domestic 1	Nater Supply			10					

### CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

SAMPLE ID	DATE	TPH TOTAL	TPH GRO	TPH DRO	МТВЕ	Benzene	Toluene	Ethylbenzene	Xylenes	1,2,4- Trimethyl benzene	1,3,5- Trimethyl benzene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
SB-2	10/21/2000	<1.00	<0.50	<0.50		0.015	<0.001	0.001	0.003					
MW-1	9/19/2002					<0.001	<0.001	<0.001	<0.001					
MW-1	11/8/2004					<0.002	<0.002	<0.002	<0.006					
MW-1	3/17/2012				<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-1	6/18/2012				<0.001	<0.001	<0.001	<0.001	<0.002			<0.002		
MW-1	9/12/2012					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-1	12/7/2012					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-1	3/12/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-1	6/27/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-1	3/28/2018					<0.001	<0.001	<0.001	<0.0015			<0.002		
MW-1	3/11/2019					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	10/29/2019					<0.001	<0.001	<0.001	<0.0015			<0.002		
MW-1	9/18/2020					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	8/24/2021					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	3/22/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	8/3/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	11/29/2023					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-1	5/1/2024					<0.001	<0.001	<0.001	<0.0015					
MW-1	9/25/2024					<0.001	<0.001	<0.001	<0.0015					
MW-1	12/11/2024					<0.001								
MW-2	9/19/2002					<0.001	<0.001	<0.001	<0.001					
MW-2	11/8/2004					<0.002	<0.002	<0.002	<0.006					
MW-2	3/17/2012				<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-2	6/18/2012				<0.001	<0.001	<0.001	<0.001	<0.002			<0.002		
MW-2	9/12/2012					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-2	12/7/2012					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-2	3/12/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-2	6/27/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-2	3/28/2018					<0.001	<0.001	<0.001	<0.0015			<0.002		
MW-2	3/11/2019					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-2	10/29/2019													
MW-2	9/18/2020					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-2	8/24/2021					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-2	3/22/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-2	8/3/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	< 0.004
MW-2	11/29/2023					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-2	5/1/2024					<0.001	<0.001	<0.001	<0.0015					
MW-2	9/25/24					<0.001	<0.001	<0.001	<0.0015					
MW-2	12/11/2024					<0.001								

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### CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

All Values Presented in Parts Per Million (mg/L)

					All Values	Tresented III T di		·g/ = /						
SAMPLE ID	DATE	TPH TOTAL	TPH GRO	TPH DRO	МТВЕ	Benzene	Toluene	Ethylbenzene	Xylenes	1,2,4- Trimethyl benzene	1,3,5- Trimethyl benzene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
MW-3	9/19/2002					<0.001	<0.001	<0.001	<0.001					
MW-3	11/8/2004					0.004	<0.002	<0.002	<0.006					
MW-3	3/17/2012				<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-3	6/18/2012				<0.001	<0.001	<0.001	<0.001	<0.002			<0.002		
MW-3	9/12/2012					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-3	12/7/2012													
MW-3	3/12/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-3	6/27/2013					<0.001	<0.001	<0.001	<0.002			<0.002		
MW-3	3/28/2018					0.0013	<0.001	<0.001	<0.0015			<0.002		
MW-3	3/11/2019					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	10/29/2019					<0.001	<0.001	<0.001	<0.0015			<0.002		
MW-3	9/18/2020					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	8/24/2021					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	3/22/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	8/3/2022					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	11/29/2023					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-3	5/1/2024					<0.001	<0.001	<0.001	<0.0015					
MW-3	9/25/2024					<0.001	<0.001	<0.001	<0.0015					
MW-3	12/11/2024					<0.001								

### CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY SCRIPP PIT EDDY COUNTY, NEW MEXICO AP-25

١I	Values	Presented in	Parts	Per	Million	(ma/L)	
						······································	

					All values	Fresenteu III Fai	ts Fer Million (III	ig/L)						
SAMPLE ID	DATE	TPH TOTAL	TPH GRO	TPH DRO	МТВЕ	Benzene	Toluene	Ethylbenzene	Xylenes	1,2,4- Trimethyl benzene	1,3,5- Trimethyl benzene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
MW-4	9/19/2002					0.069	0.008	0.01	0.016					
MW-4	11/8/2004					0.051	<0.002	0.005	<0.006					
MW-4	3/17/2012				<0.001	0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-4	6/18/2012				<0.001	0.0074	<0.001	<0.001	<0.002			<0.002		
MW-4	9/12/2012					0.0095	<0.001	<0.001	<0.002			<0.002		
MW-4	12/7/2012					0.0097	<0.001	<0.001	<0.002			<0.002		
MW-4	3/12/2013					0.01	<0.001	<0.001	<0.002			<0.002		
MW-4	6/27/2013					0.0052	<0.001	<0.001	<0.002			<0.002		
MW-4	3/28/2018					0.014	<0.001	<0.001	<0.0015			<0.002		
MW-4	3/11/2019					0.0074	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	10/29/2019					0.0021	<0.001	<0.001	<0.0015			<0.002		
MW-4	9/18/2020					0.002	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	8/24/2021					0.0017	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	3/22/2022					0.019	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	8/3/2022					0.0056	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	11/29/2023					<0.001	<0.001	<0.001	<0.0015			<0.002	<0.004	<0.004
MW-4	5/1/2024					0.0017	<0.001	<0.001	<0.0015					
MW-4	9/25/2024					0.0023	<0.001	<0.001	<0.0015					
MW-4	12/11/2024					0.0011								
20.6.2.3103 NMAC GW STANE (<10,000 mg/L)	DARDS													
A. Human Health Standar	ds					0.005	1	0.7	0.62			0.03 <sup>1</sup>	0.03 <sup>1</sup>	0.03 <sup>1</sup>
B. Other Standards for Domestic W	rater Supply				0.1									
C. Standards for Irrigation	Use													
otes:														

Notes:

1. The 0.03 mg/L standard is for total naphthalene plus monomethylnaphthalenes 2. Exceedances of the listed closure criteria are highlighted in bold, red type.

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CUM		IDWATER SPECI	FIC CONDUCTA	NCE, pH, ALKALI	NITY, AND TDS					
		S	CRIPP PIT							
EDDY COUNTY, NEW MEXICO										
			AP-25							
All Values Presented in Parts Per Million (mg/L)										
					Alkalinity (mg/L	)				
SAMPLE ID	DATE	Conductivity µmhos/c	рН	Bicarbonate (As CaCO3)	Carbonate (As CaCO3)	Total Alkalinity (as CaCO3)	TDS (mg/L)			
MW-1	9/19/2002						18,400			
MW-1	11/8/2004						7,800			
MW-1	3/17/2012	28000	6.98	130	< 2.0	130	19,400			
MW-1	6/18/2012	47000	6.99	150	< 2.0	150	23,900			
MW-1	9/12/2012	31000	6.99	130	< 2.0	130	21,000			
MW-1	12/7/2012	36000	6.83	130	< 2.0	130	21,300			
MW-1	3/12/2013	49000	7.01	150	< 2.0	150	27,000			
MW-1	6/27/2013	32000	7.12	130	< 2.0	130	23,100			
MW-1	3/28/2018	64000		162.7	< 2.000	162.7	36,900			
MW-1	3/11/2019	56,000	7.11	236.4	< 2.000	236.4	32,600			
MW-1	10/29/2019	53,000	7.60	353.7	< 2.000	353.7	36,500			
MW-1	9/18/2020	57,000	7.10	166.3	< 2.000	166.3	31,400			
MW-1	8/24/2021	51,000		293.5	< 2.000	293.5	31,900			
MW-1	3/22/2022	54,000	7.43	213.7	< 2.000	213.7	31,900			
MW-1	8/3/2022	58,000	7.09	186.7	< 2.000	186.7	36,900			
MW-1	11/29/2023	50,000	7.00	173.3	< 2.000	173.3	33,100			
MW-1	5/1/2024						38,000			
MW-1	9/25/2024						38,000			
MW-1	12/11/2024						29,000			
						•				
MW-2	9/19/2002						14,800			
MW-2	11/8/2004						9,400			
MW-2	3/17/2012	24,000	7.26	190	< 2.0	190	14,100			
MW-2	6/18/2012	29,000	7.20	190	< 2.0	190	14,900			
MW-2	9/12/2012	24,000	7.29	200	< 2.0	200	14,600			
MW-2	12/7/2012	25,000	7.12	200	< 2.0	200	13,400			
MW-2	3/12/2013	26,000	7.17	200	< 2.0	200	13,600			
MW-2	6/27/2013	26,000	7.42	200	< 2.0	200	14,500			
MW-2	3/28/2018	31,000		243.3	< 2.000	243.3	19,800			
MW-2	3/11/2019	29,000	7.18	223	< 2.000	223	16,900			
MW-2	10/29/2019									
MW-2	9/18/2020	25,000	7.26	206	< 2.000	206	14,100			
MW-2	8/24/2021	37,000		214.4	< 2.000	214.4	20,300			
MW-2	3/22/2022	37,000	7.5	224.8	< 2.000	224.8	21,300			
MW-2	8/3/2022	37,000	7.3	220.2	< 2.000	220.2	18,700			
MW-2	11/29/2023	24,000	7.37	216.4	< 2.000	216.4	13,500			
MW-2	5/1/2024						14,000			
MW-2	9/25/2024						13,000			
MW-2	12/11/2024						11,000			

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CUMULATIVE GROUNDWATER SPECIFIC CONDUCTANCE, pH, ALKALINITY, AND TDS SCRIPP PIT									
EDDY COUNTY, NEW MEXICO AP-25									
	A	II Values Presente	ed in Parts Per M	/lillion (mg/L)					
				( <b>3</b> ,	Alkalinity (mg/L	)			
SAMPLE ID	DATE	Conductivity µmhos/c	рН	Bicarbonate (As CaCO3)	Carbonate (As CaCO3)	Total Alkalinity (as CaCO3)	TDS (mg/L)		
MW-3	9/19/2002						10,700		
MW-3	11/8/2004						6,800		
MW-3	3/17/2012	16,000	7.31	260	< 2.0	260	9,780		
MIN/ 2	6/18/2012	21,000	7.36	260	< 2.0	260	10,300		
MW-3	9/12/2012 12/7/2012		7.35		< 2.0		9,100		
MW-3	3/12/2013	15.000	7.25	270	< 2.0	270	10.800		
MW-3	6/27/2013	16,000	7.54	260	< 2.0	260	9,440		
MW-3	3/28/2018	14,000		265.9	< 2.000	265.9	8,840		
MW-3	3/11/2019	14,000	7.27	243.3	< 2.000	243.3	8,680		
MW-3	10/29/2019	18,000	7.54	290.2	< 2.000	290.2	10,600		
MW-3	9/18/2020	17,000	7.46	252.6	< 2.000	252.6	9,840		
MW-3	8/24/2021	16,000		235.3	< 2.000	235.3	8,450		
MW-3	3/22/2022	16,000	7.63	220.9	< 2.000	220.9	8,570		
MWV-3	8/3/2022	18,000	7.45	224.6	< 2.000	224.6	10,600		
MW-3	5/1/2024				< 2.000		12 000		
MW-3	9/25/2024						12,000		
MW-3	12/11/2024						11,000		
	•			•		1	-		
MW-4	9/19/2002						57,400		
MW-4	11/8/2004						44,400		
MW-4	3/17/2012	63,000	7.15	260	< 2.0	260	33,400		
MW-4	6/18/2012	73,000	7.02	240	< 2.0	240	38,400		
MW-4	9/12/2012	75,000	7.10	230	< 2.0	230	42,000		
MVV-4	12/7/2012	62,000	6.95	240	< 2.0	240	31,600		
MW 4	3/12/2013	63,000	7.06	250	< 2.0	250	33,800		
MW-4	3/28/2018	64 000		240	< 2.00	240	33,600		
MW-4	3/11/2019	38.000	7.20	298.2	< 2.000	298.2	22.900		
MW-4	10/29/2019	52,000	7.40	248.7	< 2.000	248.7	33,700		
MW-4	9/18/2020	52,000	7.37	327.8	< 2.000	327.8	24,900		
MW-4	8/24/2021	76,000		254.1	< 2.000	254.1	40,700		
MW-4	3/22/2022	61,000	7.24	276.7	< 2.000	276.7	36,300		
MW-4	8/3/2022	74,000	7.08	251.5	< 2.000	251.5	38,000		
MW-4	11/29/2023	65,000	7.11	227.2	< 2.000	227.2	7,700		
MW-4	5/1/2024						40,000		
MVV-4	9/25/24						48,000		
10100-4	12/11/2024						37,000		
20.6.2.3103 NMAC GW STANE (<10,000 mg/L)	DARDS								
A. Human Health Standar	ds								
B. Other Standards for Domestic W	ater Supply		6 to 9				1,000		
C. Standards for Irrigation	Use								
Notes: 1. Exceedances of the listed closure criteri	a are highlighted i	n bold, red type.							

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Operator:

CONDITIONS

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

	Santa Fe, N	IM 87505	
	CONDITIO	DNS	
SOLIBCES INC		JGRID: 7377	

EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	444862
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

Created By	Condition	Condition Date
jburdine	Proposed workplan schedule and reporting for Scripps Pitt, Incident # nAUTOFAB000640 approved. Proceed with installation of monitoring wells and sampling as proposed. Send in reporting of completed site activities and summary of all monitoring well installation as well as initial sampling as a standalone report to OCD as proposed.	6/17/2025

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Action 444862