



Jason Michelson
Operations Lead - Central

VIA ELECTRONIC MAIL

December 12, 2023

New Mexico Oil Conservation Division, District II
811 S. First Ct
Artesia, NM 88210

**Re: Lovington Paddock Unit 96
ACO List Removal Request
Case No. 1RP-1665
Add incident #nPAC0733355534
Lea County, New Mexico**

Dear whom it concerns,

Chevron Environmental Management Company (CEMC), on behalf of Chevron Mid-Continent, LP, respectfully requests that the Lovington Paddock Unit (LPU) 96 (Site) be removed from the Agreed Compliance Order - Releases (ACO-R) list due to confirmed groundwater impacts at the Site based on recent assessment activities.

Soil and groundwater assessment activities have been conducted at the Site and groundwater is currently monitored from a network of 11 monitoring wells (MW-1 through MW-11). Results for soil and groundwater assessment activities confirm impact to soil and groundwater are present at the Site and that additional assessment activities will be required and are anticipated to be completed by mid-year 2024. A summary of the cumulative groundwater analytical results is presented in **Table 1**.

CEMC will complete additional assessment to better define soil and groundwater impact at the Site and summarize the findings in a report for submittal 90 days following completion.

Please do not hesitate to call Sarah Johnson with Arcadis at 931.436.0316 or myself at 832.854.5601, should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason Michelson".

Jason Michelson

Encl.

cc. Amy Barnhill, Chevron/MCBU

Table 1. Summary of Cumulative Groundwater Analytical Results

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Table 1

Cumulative Groundwater Analytical Results
Chevron Environmental Management Company
LPU 96 Groundwater Monitoring
Lea County, New Mexico



Sample I.D. No.	Replacate Sample I.D.	Date						Groundwater Quality	
			Benzene	Toluene	Ethylbenzene	Total Xylenes	Total TPH	Chloride	Total Dissolved Solids
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
NMWQCC Human Health Standards for Groundwater ¹									
			0.005 mg/L	1 mg/L	0.70 mg/L	0.62 mg/L	-- mg/L	250 mg/L	1,000 mg/L
MW-01-W-181030		10/30/18	<0.0020	<0.0020	<0.0020	<0.0020	<1.50	332	1,080
MW-01-W-191204		12/04/19	0.00056	0.00055	0.00129	0.00198	5.272	112	742
MW-01-W-220804		08/04/22	0.00130	<0.00100	<0.00100	<0.00300	1.499	774	2,060
MW-02-W-181030		10/30/18	<0.0020	<0.0020	<0.0020	<0.0020	<1.50	44	634
MW-02-W-191204		12/04/19	0.00056	0.00055	0.00129	0.00198	0.776	36.3	554
MW-02-W-220804		08/04/22	<0.00100	<0.00100	<0.00100	<0.00300	0.105	48.1	673
MW-03-W-181030		10/30/18	<0.0020	<0.0020	<0.0020	<0.0020	<1.50	82	857
MW-03-W-191205		12/05/19	0.0084	0.00055	0.00129	0.00198	1.087	275	1,390
MW-03-W-220804		08/04/22	<0.00100	<0.00100	<0.00100	<0.00300	3.25	149	818
MW-04-W-181030		10/30/18	1.55	<0.0020	0.15	<0.0020	3.92	945	2000
MW-04-W-191205		12/05/19	1.44	0.00055	0.0955	0.00456	12.766	864	3,390
MW-04-W-220804		08/04/22	0.461	<0.00100	0.00376	0.000253 J	7.00	1,060	2,510
MW-05-W-181030	DUP	10/30/18	0.0801	<0.0020	<0.0020	<0.0020	<1.50	292	1,150
MW-05-W-181030		10/30/18	0.0395	<0.0020	<0.0020	<0.0020	<1.50	276	1,110
MW-05-W-191205		12/05/19	0.0201	0.00055	0.00129	0.00198	1.085	257	1,080
MW-05-W-220804		08/04/22	0.0129	<0.00100	<0.00100	<0.00300	0.7415	152	714
MW-06-W-183010	DUP	10/30/18	9.38	<0.0020	0.341	0.0396	10.2	280	1,070
MW-06-W-191205		12/5/2019	4.07	0.00055	0.446	0.0342	15.987	57	774
MW-06-W-220804		8/4/2022	1.09	<0.00100	0.145	0.000540 J	12.38	116	860
MW-06-W-220804		8/4/2022	1.04	<0.00100	0.143	0.000451 J	12.53	118	828
MW-07-W-181030		10/30/18	2.59	<0.0020	0.0101	<0.0020	3.63	163	736
MW-07-W-191205		12/05/19	1.86	0.00055	0.0077	0.00198	5.24	168	684
MW-07-W-220804		08/04/22	0.00213	<0.00100	<0.00100	<0.00300	0.44	125	615
MW-08-W-181030		10/30/18	1.04	<0.0020	0.00414	<0.0020	1.8	328	988
MW-08-W-191205		12/05/19	0.196	0.00055	0.00129	0.00198	2.596	307	1,140
MW-08-W-220804		08/04/22	0.265	<0.00100	0.000426 J	<0.00300	3.324	779	2,000
MW-09-W-181030		10/30/18	1.22	<0.0020	0.00699	0.00714	1.92	620	1,300
MW-09-W-191205		12/5/2019	0.212	0.00055	0.00257	0.00198	1.822	635	1,250
MW-09-W-220804		8/4/2022	0.0137	<0.00100	<0.00100	<0.00300	0.87	472	1,240
MW-10-W-181030		10/30/18	0.539	<0.0020	<0.0020	<0.0020	1.87	101	724
MW-10-W-191205		12/05/19	0.208	0.00055	0.00129	0.00198	1.236	137	654
MW-10-W-220804		08/04/22	0.0450	<0.00100	<0.00100	<0.00300	0.4688	123	645
MW-11-W-181030		10/30/18	0.00531	<0.0020	<0.0020	<0.0020	<1.50	65	612
MW-11-W-191205		12/05/19	0.0028	0.00055	0.00182	0.00198	0.654	73	581
MW-11-W-220804		08/04/22	<0.00100	<0.00100	<0.00100	<0.00300	0.135	83.4	527

Notes:

- 1) RCRA Metals Analysis by Environment Protections Agency (EPA) Methods 6010B and 7470A.
- 2) Groundwater Quality by EPA Methods 160.1, 300.0, and 310.1.
- 3) Bold and italicized values indicate concentrations above NMWQCC Other Standards for Domestic Water Supply.
- 4) ¹ NMWQCC Human Health Standards Per NMAC 20.6.2.3103A.
- 5) ² NMWQCC Other Standards for Domestic Water Supply Per NMAC 20.6.2.3103B.
- 6) NA= Not analyzed
- 7) DUP = Duplicate sample
- 8) D = Dilution factors are included in the final results. The result is from a diluted sample.
- 9) * = Likely an order of magnitude higher than actual result; however reported value was verified by the laboratory

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

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

CONDITIONS

Action 295335

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 295335
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	LPU 96 ACO List Removal Letter_Combined has been received for the record.	1/10/2024