

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3108 NMAC), the following discharge permit renewal applications have been submitted to the Engineering Bureau Underground Injection Control Group Manager of the New Mexico Oil Conservation Division (“OCD”), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 660-8274 or E-mail: Phillip.Goetze@state.nm.us.

(UICI-8-1; UICI-8-2; UICI-8-3; and UICI-8-4) HF Sinclair Navajo Refining, LLC is located at 501 E. Main Street, Artesia, New Mexico 88210. Mr. Travis Gibb Vice President and Refinery Manager at (575) 748-3311 gives public notice on the applications to renew four OCD Underground Injection Control (UIC) Class I Non-hazardous injection well discharge permits to inject treated oil field exempt and non-exempt non-hazardous wastewater effluent from the Artesia Refinery on-site wastewater treatment plant. Wastewater effluent from the refinery is generated from the treatment of water streams from the refining process of crude oil to remove salts and sediment, water used for heating and cooling during refining, boiler blow-down, Reverse Osmosis reject water, effluent from the production of renewable diesel, and stormwater collected from process areas of the refinery. Effluent is routed from a subsurface 6-inch diameter pipeline into four (4) oil field Class I (Non-hazardous) Injection Wells located approximately 13 miles E-SE of the refinery at about 535 gpm, and are listed below.

WDW-1 API# 30-015-27592 (UICI-8-1/Facility ID# fCJC2117350329)

UL: O, Section 31 Township 17 South Range 28 East, NMPM, Eddy County, 660 FSL 2310 FEL, Lat. 32.78517 Long. 104.21377 (NAD83)

WDW-1 is located approximately 11-miles E-SE of Artesia on Hwy. 82 from US-285 or approximately 1-mile SW of the intersection of Hwy. 82 and CR-206. Underground injection at WDW-1 is into the Wolfcamp, Cisco and Canyon Formations injection interval from 7,924 to 8,476 feet below ground surface (bgs). The injection rate will not exceed 16,700 barrels per day (bpd) and the maximum allowable surface injection pressure is 1,584 pounds per square inch gauge (psig). The injected wastewater quality is approximately 6,250 parts per million (ppm) total dissolved solids (TDS). The injection zone water quality ranges from 113,000 to 119,910 ppm TDS. Groundwater most likely to be affected by a spill, leak or accidental discharge is currently estimated to be at a depth range of greater than 160 ft. to about 500 ft. bgs with an estimated concentration less than 10,000 ppm TDS. A monitor well will be installed to verify groundwater is present and for monitoring. The discharge permit addresses well construction, operation, monitoring of the well, assessment of groundwater, financial assurance, associated surface facilities, a contingency plan in the event of an environmental release, and other discharges to protect fresh water.

WDW-2 API# 30-015-20894 (UICI-8-2/Facility ID# fCJC2117351808)

UL: E, Section 12 Township 18 South Range 27 East, NMPM, Eddy County, 1980 FNL 660 FWL, Lat. 32.76388 Long. 104.23848 (NAD83)

WDW-2 is located approximately 10 miles SE of the intersection of US-285 and Hwy. 82 or approximately 3-miles south of the intersection of Hwy. 82 and CR-204 (Hilltop Road). Underground injection at WDW-2 occurs within the Lower Wolfcamp, Cisco and Canyon Formations injection interval from 7,570 to 8,399 ft. bgs. The injection rate will not exceed 12,100 bpd and the maximum allowable surface injection pressure is 1,511 psig. The injected wastewater quality is identical to WDW-1 above. The injection zone water quality is similar to WDW-1. Groundwater most likely to be affected by a spill is similar to WDW-1. The discharge permit addresses similar permit conditions as those listed in WDW-1.

WDW-3 API# 30-015-28575 (UICI-8-3/Facility ID# fCJC2117354810)

UL: N, Section 1, Township 18 South Range 27 East, NMPM, Eddy County, 790 FSL 2250 FWL, Lat. 32.77121 Long. 104.23328 (NAD83)

WDW-3 is located 14 miles E-SE of the intersection of US-285 and Hwy. 82 (Navajo Refinery) or approximately 2.75 miles S of Hwy. 82 and CR-225. Underground injection at WDW-3 occurs within the Lower Wolfcamp, Cisco and Canyon Formations injection interval from 7,660 to 8,620 ft. bgs. The injection rate will not exceed 17,500 bpd and the maximum allowable surface injection pressure is 1,532 psig. The injected wastewater quality is identical to WDW-1 above. The injection zone water quality is

similar to WDW-1. Groundwater most likely to be affected by a spill is similar to WDW-1. The discharge permit addresses similar permit conditions as those listed in WDW-1.

WDW-4 API# 30-015-44677 (UICI-8-4/Facility ID# fCJC2117357871)

UL: K, Section 23, Township 17 South, Range 27 East, NMPM, Eddy County, 1,319 FSL 2,493 FWL, Lat. 32.81609
Long. 104.24987 (NAD83)

WDW-4 is located approximately 8.5 miles E-SE of the intersection of Hwy 285 and Hwy 82 on the north side of Hwy 82. Underground injection at WDW-4 occurs within the undifferentiated Silurian-Devonian Formation or injection interval from about 10,265 to 10,885 feet bgs. The injection rate will not exceed 20,500 bpd and the maximum allowable surface injection pressure is 2,040 psig. The injected wastewater quality is identical to WDW-1 above. The injection zone water quality is about 25,000 ppm TDS. Groundwater most likely to be affected by a spill is similar to WDW-1. The discharge permit addresses similar permit conditions as those listed in WDW-1.

OCD has determined that the applications are administratively complete and has prepared draft permits. OCD will accept comments and statements of interest regarding these applications and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Engineering Bureau of the Oil Conservation Division at the address given above. The draft permits may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the OCD web site <http://www.emnrd.state.nm.us/ocd/>. Persons interested in obtaining a copy of the applications and draft permits may contact the OCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that OCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permits based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit renewals based on information in the permit applications and information submitted at the hearing.

Para obtener más información sobre esta solicitud en español, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Laura Tulk, 505-629-6116).

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 11th day of August 2024.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Gerasimos “Gerry” Razatos, Acting Director