

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
FACT SHEET
(Pursuant to NAC 445A.236)

Permittee Name: Sinclair Oil Co.
P.O. Box 1640
Carlin, NV 89822

Permit Number: NEV89020

Location: Sinclair Oil Co. Terminal
2001 E. Chestnut St, Carlin, NV 89822
Latitude: 40° 43' 13"N, Longitude: 116° 05' 27"W (Office)
Township 33N, Range 52E, N½ of NE¼ of Section 26

Wellhead Protection Area: The Sinclair Co. Oil Terminal is located within the 6,000 feet, Drinking Water Protection Area 4, of a non-transient, non-community well supplying potable water to the Carlin Honor Camp. The wellhead capture zone for this supply well has not been delineated (modeled) and input into the NDEP i-Map application.

General: Sinclair Oil Co. operates a trans-loading terminal for distribution of petroleum (diesel) product. The terminal was constructed in 1990 by the former owner, Anschutz Marketing & Transportation. Incident storm water and petroleum leaks/spills from the offloading, storage and load out areas are routed to two collection sumps. If the water has contacted petroleum, it is treated in a 500 BBL capacity (21,000 gal) Oil-Water-Separator (OWS). Clean sump water and effluent from the OWS water-compartment is discharged into a shallow, HDPE-lined evaporation pond measuring: 60' (Length) × 25' (Width) × 2' (Operating Depth). Reuse of the pond water for dust control is allowed if lab analyses for TPH and pH are within allowable limits. The product from the OWS oil-side compartment is reprocessed for petroleum recovery at the company's oil refinery located in Wyoming. To enhance pond surface evaporation, the terminal recently installed a 1½-HP recirculation pump and spray bar at the pond. The terminal's domestic (sanitary) wastewater is discharged into an onsite septic system. A private well supplies the office trailer with domestic water.

Flow: There are two permitted outfalls: 001 – Evaporation Pond, and 002 – Reuse (Dust Control). Flow limits are not established at either outfall (Monitor & Report) provided that adequate pond freeboard is maintained and dust control water does not pond or run off the site with water truck application. The pond is small, shallow and operated without a staff gage, but NDEP visually estimates 4' total depth (i.e., 2' freeboard plus 2' operating depth). Water truck application is limited to unpaved roadways on the terminal property using a placarded (non-potable) water truck.

Receiving Water Characteristics: Non-potable water, meeting reuse requirements, is allowed in the State of Nevada for dust control. The application rate onto the ground is limited for dust control measures only and is not expected to impact State groundwater resources. Depth to groundwater at this site is shallow (10 ft. bgs), and the gradient is SSE to the Humboldt River located one-half mile south of the terminal. Groundwater monitoring for this discharge permit is not required.

Five-Year DMR Analysis:

Outfall 001: In the last five-year period, the facility incorrectly reported that there was zero discharge of water into the evaporation pond. This was noted by NDEP on the last site inspection, dated 6/30/08. The site manager indicated that 1 in of level decrease (discharge) from the water-side compartment of the OWS corresponded to 100 gallons of water input to the pond. The site manager indicated this oversight would be resolved on future DMR reporting.

Outfall 002: In the last five-year period, the facility reported zero discharge of water for dust control. This was verbally confirmed with the site manager on the 6/30/08 site visit.

Reprocessing: In the last five-year period, the facility reported 85,250 gallons of oily wastewater from the OWS or collection sumps was sent back to the Wyoming refinery for reprocessing.

Rationale for Permit Requirements: The proposed monitoring conditions outlined in Table 1 below are consistent with the current permit conditions. During this permit renewal, the facility is still covered under the existing permit (i.e., expired 5/16/05). The renewal application was received 5/18/05.

Proposed Effluent Limitations and Special Conditions:

Table 1: Plant Discharge Limitations

PARAMETER	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30-Day Average	Daily Maximum	Measurement Frequency	Sample Type
001 - Flow, gallons	M&R	M&R	Each event	Calculated
002 - Flow, gallons	M&R	M&R	Each event	Calculated
003 - Flow, gallons	M&R	M&R	Each event	Calculated
002 – TPH (Full Range)	10 mg/l (Maximum)		Each event	Discrete
002 – pH	6.0 to 9.0 Standard Units (SU)		Each event	Discrete

1. 001 – Discharge of water into the evaporation pond.
2. 002 – Discharge of water from the evaporation pond for reuse (dust control).
3. 003 – Oily water transported offsite for reprocessing (oil recovery).

Schedule of Compliance: The Operations and Maintenance (O&M) Manual was last revised in 1996 by the former owner (Anschutz). Since 1996, changes at the facility include ownership, personnel, company procedures, equipment (e.g., pond recirculation system), etc. The pond liner was installed in 1990 and does not incorporate leak detection. Typically, synthetic liners are guaranteed by the manufacture against leak protection and UV damage for 20 years (maximum). Thus, a liner inspection is warranted. To address these two items, the Permittee shall submit the following items to the Division for review and approval:

- Within ninety (90) days of the permit issuance date, the facility shall submit a revised O&M Manual prepared in accordance with guidance document WTS-2.
- Within one hundred and twenty (120) days of the permit issuance date, the Permittee shall submit an engineer's (Nevada P.E.) inspection report documenting liner condition for the evaporation pond.

Procedures for Public Comment: The Notice of the Division's intent to issue (renew) discharge permit #NEV89020 for the Sinclair Oil Co., subject to the conditions contained within the permit is being sent to the **Elko Daily Free Press** for publication. The notice is also being posted on the Division's website for public notices and e-mailed to interested parties on the Division's Public Notice receipt notification list. Anyone wishing to comment on the proposed permit can do so in writing for a period of thirty (30) days following the date of publication of the public notice in the newspaper. The comment period can be extended at the discretion of the Administrator. The deadline date and time by which all comments are to be submitted (via postmarked mail or time-stamped faxes, e-mails, or hand-delivered items) to the Division is **Monday, December 22, 2008, by 5:00 P.M.**

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination: The Division has made the tentative determination to issue (renew) the proposed operating permit for a period of five (5) years.

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Date: November 17, 2008