

STATE OF WYOMING PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO INDICATE THE STATE OF WYOMING'S INTENTION TO RENEW AN UNDERGROUND INJECTION CONTROL PERMIT AND TO CLASSIFY THE RECEIVING GROUNDWATER OF THE STATE IN THE VICINITY OF THE PERMITTED INJECTION UNDER THE WYOMING ENVIRONMENTAL QUALITY ACT (35-11-101 ET. SEQ. WYOMING STATUTES 1957, CUMULATIVE SUPPLEMENT 1973), AND DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY RULES AND REGULATIONS CHAPTERS 8, 11 AND 16. THIS PERMIT WILL ALLOW THE DISPOSAL OF AN AVERAGE OF 12,000 GALLONS PER DAY AND A MAXIMUM OF 24,000 GALLONS PER DAY OF WASTEWATER AND SEWAGE INTO ONE (1) LEACHFIELD.

PERMIT NUMBER: **14-009**; PERMITTEE NAME: Sinclair Wyoming Refining Company, ATTN: Mr. John Moore, PO Box 277, Sinclair WY 82334-0277; PHONE: (307)324-3404; FACILITY NAME AND LOCATION: Sinclair Wyoming Refining Company, located in the SW¹/₄, Section 16, Township 21 North, Range 86 West, of the 6th Principal Meridian, Carbon County.

The permit proposes to authorize the injection of an average of 12,000 gallons per day (gpd) and a maximum of 24,000 gpd of primary treated domestic waste into one (1) leachfield. The leachfield will receive domestic waste from employee showers, restrooms, locker rooms, maintenance areas, administration buildings, and break rooms. The wastewater is discharged to a gravity leach field. The primary treated wastewater is injected into weathered shales of the Steele Shale and Niobrara formations, which are not differentiated at the facility's location. The groundwater is between ten (10) and thirty-five (35) feet below ground surface at the injection location.

The groundwater in the unconfined alluvial aquifer is classified as Class IV(A) according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because the groundwater in this formation has a total dissolved solids concentration of 7,030 mg/L, a sulfate concentration of 4,290 mg/L, a sodium adsorption ratio greater than 9, and a nitrate as N concentration of 18.2 mg/L. An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) can be considered an underground source of drinking water.

The proposed permit requires that the permittee monitor facility operations and submit periodic reports. Sampling is designed to show that there will be no operational issues. Underground Injection Control regulations require that each permitted injection well be reviewed thoroughly at least every five (5) years in addition to the normal review done annually.

Other tentative determinations have been made by the State of Wyoming relative to conditions to be imposed on the permit. These conditions will assure that useable water of the State will be protected and applicable provisions of State statutes and regulations will be followed.

PUBLIC COMMENTS on the proposed permit and the proposed groundwater classification should be submitted in writing and addressed to: Wyoming Department of Environmental Quality, Water Quality Division, John Passehl, Herschler Building, 4th Floor West, 122 West

25th Street, Cheyenne, Wyoming 82002; or by FAX to (307) 777-7610. Comments submitted by email *will not* be considered. All written comments received prior to 5:00 P.M, November 24, 2014 in the Cheyenne office will be considered.

Any person may request in writing (prior to the end of the public comment period) that a public hearing be held. Requests should indicate the name and full mailing address of the individual requesting a hearing, the interest that individual has in the project, and the grounds for holding a public hearing. If a hearing is not warranted, the final permit will be issued at the end of the public comment period.

Public Notice **14-009**

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