

NOTICE

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A Notice of Intent for the following project submitted in accordance with §R307-401-1, Utah Administrative Code (UAC), has been received for consideration by the Director, Utah Division of Air Quality:

Company Name: Emery Refining, L.L.C.

Location: Emery Refining, L.L.C.: Green River Oil Refinery – 5 miles west of Green River, Emery County, UT, Emery County

Project Description: Emery Refining, L.L.C., owner and operator of the Green River petroleum refinery, has requested a modification to their Approval Order (DAQE-AN146270001-13 dated June 21, 2013). The proposed plant will advance several changes to their initial design by changing their crude oil throughput to be North American crude oils. Most of the plant will be built from modular components rather than built in place. The vacuum unit has been removed from the plant, the product mix has changed, asphalt has been eliminated as a product, heat demand and heater and boiler sizes have increased from their original design, the number of components has changed upward from the original design, storage tanks will be changed to have fewer and larger tanks, NOX control will change to ultra-low NOX burners, the heaters for the storage tanks will come from hot oil heating systems, the truck and rail loading operations will now employ refinery storage systems, the truck and rail loading operations will employ a thermal oxidizer, the fire pump engine will increase in horsepower, a diesel fueled back up pump has been added to the cooling water system, and the wax plant has been reduced to 5,000 barrels (210,000 gallons) per day. The distillation plant will have a capacity of 10,000 barrels (420,000 gallons) per day. There will also be an in-plant crude oil material throughput capacity of 13,000 barrels (546,000 gallons) of crude oil per day. This amount will be off-loaded from trucks, blended with other materials in the tanks, and returned to rail cars for delivery to other locations. The total crude oil capacity petroleum refinery throughput shall be 28,000 barrels (1,176,000 gallons) per day.

The processing plant will consist of two separate processing facilities: a distillation plant and a wax plant. The processing plant will consist of distillation towers, process heaters, boilers, storage tanks, wax crystallizers, flare devices, material unloading/loading racks, and various pollution control devices.

Emery County is an attainment area of the National Ambient Air Quality Standards for all pollutants. New Source Performance Standards, National Emission Standards for Hazardous Air Pollutants, and Maximum Achievable Control Technology regulations and Title V of the 1990 Clean Air Act apply to this source.

The emissions, in tons per year, will change as follows:

PM10 = (- 4.68), PM2.5 = (+ 3.79), NOx = (+ 5.70), SO2 = (- 0.59), CO = (- 2.33), VOC = (+20.38), HAPs = (+2.72), CO2e = (+ 8,566)

The emissions, in tons per year, will be as follows:

PM10 = 6.24, PM2.5 = 6.24, NOx = 26.79, SO2 = 0.56, CO = 70.87, VOC = 56.40, HAPs = 5.43, CO2e = 98,662

PM2.5 is a subset of PM10.

The completed engineering evaluation and air quality impact analysis showed that the proposed project meets the requirements of federal air quality regulations and the State air quality rules. The Director intends to issue an Approval Order pending a 30-day public comment period. The project proposal, estimate of the effect on local air quality and draft Approval Order are available for public

inspection and comment at the Utah Division of Air Quality, 195 North 1950 West, Salt Lake City, UT 84116. Written comments received by the Division at this same address on or before April 24, 2014 will be considered in making the final decision on the approval/disapproval of the proposed project. Email comments will also be accepted at tdejulis@utah.gov. If anyone so requests to the Director at the Division in writing within 15 days of publication of this notice, a hearing will be held in accordance with R307-401-7, UAC.

Under Section 19-1-301.5, a person who wishes to challenge a Permit Order may only raise an issue or argument during an adjudicatory proceeding that was raised during the public comment period and was supported with sufficient information or documentation to enable the director to fully consider the substance and significance of the issue.

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