



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Rusty Ruby
Acting Director

DAQE-NN0143030001-11

April 28, 2011

Emery County Progress
Legal Advertising Department
P.O. Box 589
Castle Dale, Utah 84513

RE: Legal Notice of Intent to Approve

This letter will confirm the authorization to publish the attached NOTICE in the Emery County Progress on May 3, 2011.

Please mail the invoice and affidavit of publication to the Utah State Department of Environmental Quality, Division of Air Quality, P.O. Box 144820, Salt Lake City, Utah 84114-4820. If you have any questions contact Kimberly Wilcox, who may be reached at (801) 536-4068.

Sincerely,

Kimberly Wilcox
Office Technician
Utah Division of Air Quality

Enclosure

cc: Southeastern Association of Governments
Emery County

NOTICE

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 Executive Secretary, Utah Air Quality Board:

Company Name: High Desert Refining, LLC
Location: High Desert Refining, LLC; High Desert Refinery – 4 miles west of Green River, Green River, UT, Emery County
Project Description: High Desert Refining, LLC submitted a Notice of Intent for construction of a Hydro-Processing plant. This plant will be dedicated to processing local reserves of "black wax" crude oil. Under the New Source Review (NSR) program, the plant is a minor source of air emissions. The plant will be located in Emery County near the town of Green River, Utah. Emery County is an attainment area of the National Ambient Air Quality Standards (NAAQS) for all pollutants.

New Source Performance Standards (NSPS) 40 CFR 60 Subparts A (General Provisions), Dc (Small Industrial-Commercial-Institutional Steam Generating Units), Subpart Ja (Petroleum Refineries), Subpart Kb - (Volatile Organic Liquid Storage Vessels), Subpart GGGa (Equipment Leaks of VOC in Petroleum Refineries), Subpart QQQ (Emissions from Petroleum Refinery Wastewater Systems), and Subpart IIII (Stationary Compression Ignition Internal Combustion Engines) regulations apply to this source. National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subparts A (General Provisions), H (Organic Hazardous Air Pollutants for Equipment Leaks), Subpart NNN (Equipment Leaks in Petroleum Refineries), ZZZZ (Stationary Reciprocating Internal Combustion Engine) and 40 CFR 61 Subpart FF (Standards for Benzene) regulations apply to this source. Title V of the 1990 Clean Air Act applies to this source. This source is a Greenhouse gas (GHG) minor source. Best Available Control Technology (BACT) will be required for all emission points, each of which is addressed in the Engineering Comments section of this Review.

The emissions, in tons per year (TPY), will be as follows: $PM_{10} = 24.28$, $PM_{2.5}$ (Subset of PM_{10}) = 15.64, $NO_x = 43.43$, $SO_2 = 46.5$, $CO = 61.26$, $VOC = 52.8$, $HAPs = 0.08$ and 47,805.75 TPY of CO_2e .

This includes the potential startup/shutdown/maintenance emissions, in TPY as follows: $PM_{10} = 1.78$, $PM_{2.5}$ (Subset of PM_{10}) = 0.44, $NO_x = 29.23$, $SO_2 = 0.50$, $CO = 24.56$, and $VOC = 4.10$.

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 Executive Secretary 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 June 2, 2011 will be considered in making the final decision on the approval/disapproval of the proposed project. Email comments will also be accepted at jlblack@utah.gov. If anyone so requests to the Executive Secretary 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.

Date of Notice: May 3, 2011