



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

NOTICE OF PROPOSED ACTION

by the
State of Nevada
Division of Environmental Protection
Bureau of Air Pollution Control

PUBLIC NOTICE

Web posting 8/14/09

Pursuant to Nevada Revised Statutes (NRS) Chapter 445B, the Nevada Administrative Code (NAC) Chapter 445B, and the Clean Air Act, the Division of Environmental Protection is issuing the following notice.

The Director received an application for a revision to Class II Air Quality Operating Permit AP2869-2382 from:

Fulcrum Sierra BioFuels, LLC
3600 Peru Drive
McCarran, Nevada 89434

The project is located in the Tahoe-Reno Industrial Center, in Storey County, Nevada. The Director has prepared tentative determinations regarding the operating permit that, in brief, are the following:

- The revised permit is for new construction and operation of a “non-hazardous waste conversion to ethanol” facility that will gasify up to 300 tons/day of feedstock and produce up to 55,000 gallons per day of ethanol and off-spec alcohol products. The “feedstock” consists of the non-hazardous, organic component of municipal solid waste (MSW) derived from the residual materials remaining after recycling operations are performed by material recovery facilities and/or construction and demolition waste streams. The proposed revision will change the site location from 3501 Peru Drive (11.4 acre site) to 3600 Peru Drive (16.8 acre site); revise the descriptions, operating parameters, emission limits, and monitoring/recordkeeping requirements for existing synthesis gas gasification units (System 1), gasifier preheat burners (System 2), thermal residence preheat burners (System 3), ground level enclosed flare (System 4), ethanol production plant (System 6), ethanol product storage tank (System 7), off-spec products storage tank (System 8), ethanol product day storage tanks (System 9), and product loading area (System 10); remove five 979 HP IC engines; add new emission units which consist of a sulfur removal system, a 13,500 gallon gasoline storage tank, a 200 HP diesel firewater pump, a 750 kW emergency diesel generator, a 30 ton lime silo, a 30 ton particulate silo, a feedstock processing operation, a feedstock storage and handling operation, and a 20 MMBtu/hr natural gas fired boiler.
- Emissions from Fulcrum Sierra BioFuels, LLC will not exceed 17.31 tons/year of PM₁₀, 20.45 tons/year of NO_x, 7.03 tons/year of SO₂, 13.69 tons/year of VOC, 21.39 tons/year of CO, and 0.46 tons/year of H₂S.
- No adverse ambient air quality impacts are expected.

On the basis of the preliminary review and the requirements of the NRS, the NAC and the Clean Air Act, the Director is hereby announcing his intent to issue a revised Class II air quality operating permit based on a review of the information, as proposed. A copy of the revised draft operating permit is available for public inspection at:

Storey County Library
95 South R St
Virginia City, NV 89440-0014

Washoe County Library
301 South Center Street
Reno, Nevada 89505

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Persons wishing to comment upon the proposed determinations by the Director regarding this proposed action or to request a hearing pursuant to NRS 445B Air Pollution and NAC 445B Air Controls should submit their comments or request in writing either in person or by mail or fax within thirty **(30)** days to:

Randy Phillips
Division of Environmental Protection
Nevada Bureau of Air Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701
(775) 687-9362
(775) 687-6396 FAX

The application, draft permit, any comments received, and other relevant information may be copied at the above address or copies may be obtained by requesting in writing at the above address. Written comments or objections, will be received at the Division of Environmental Protection, above address, until close of business on **September 18, 2009**, and will be retained and considered prior to final action on the revised Class II operating permit. Upon a valid written request received prior to the end of the comment period, the Director will schedule a public hearing on the application and proposed action.

Please bring the foregoing notice to the attention of all persons whom you know may be interested in this matter.

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