

California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California, 95403
(707) 576-2220

NOTICE OF CONSIDERATION
FOR
WASTE DISCHARGE REQUIREMENTS,
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

FOR

USA GASOLINE CORPORATION, USA SERVICE STATION, NO. 206
1301 NORTH STATE STREET
UKIAH, CALIFORNIA

MENDOCINO COUNTY

On January 26, 2001 the California Regional Water Quality Control Board, North Coast Region, adopted General Waste Discharge Requirements (WDRs) Order No. R1-2001-0009 for discharges of highly treated groundwater to surface waters following extraction and cleanup of groundwater polluted with petroleum hydrocarbons and volatile organic compounds. The requirements also serve, as the general National Pollutant Discharge Elimination System (NPDES) permit No. CAG911001.

The approved interim corrective action plan for the site involves the use of a dual-phase extraction system (DPE) at 1301 North State Street in Ukiah. DPE involves concurrent extraction of soil vapors and groundwater from the subsurface using the onsite wells (to control the migration of contaminated groundwater). The extracted soil vapors will be abated using a Solleco 350 cubic feet per minute (cfm) thermal/catalytic oxidizer prior to atmospheric discharge. The extracted groundwater will be treated using granular activated carbon (GAC) prior to being discharged to the storm drain.

The discharger proposes to replace the dual phase extraction system with ½-hp Grundfos Redi-Flo3 submersible pumps in the four existing extraction wells. The submersible pumps would reduce the current treatment system from a dual phase extraction system to a groundwater extraction system. Four additional groundwater extraction wells with submersible pumps will be added to the groundwater treatment system in March 2005, along with replacing the current three 1,000-lb carbon treatment vessels with three 2,000-lb carbon treatment vessels.

The NPDES permit currently allows for the discharge of up to twenty gallons a minute of treated groundwater to an onsite storm drain, which flows to an unnamed tributary of the Russian River approximately 800 feet east of the site. The discharge of groundwater to the storm drain system containing detectable levels of petroleum or volatile organic compounds is prohibited. No change to the discharge volume is proposed.

The discharger and other interested persons may call Dan Warner at (707) 576-2671 or submit to the Regional Water Board office at 5550 Skylane Boulevard, Suite A, Santa Rosa, CA 95403, written copies of comments, technical reports, testimony, and other evidentiary material concerning this matter by 5:00 p.m., up to 30 days past the date of publication of this notice.

Order No. R1-2001-0009, related documents, and comments received are on file and may be inspected or copied at the Regional Water Board office on Mondays from 1:30 to 4:30, Tuesday through Thursday from 8:30 to 11:30 a.m. and 1:30 to 4:30 p.m., and Fridays from 8:30 to 11:30 a.m. Appointments are recommended for file review and can be made by calling (707) 576-2220.

Catherine Kuhlman
Executive Officer

December 23, 2004

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