

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013**

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
BIG PENNY CAR WASH**

**ORDER NO. R4-2002-0030 (Series No. 012)
FILE NO. R-00456**

FACILITY ADDRESS

17509 Pioneer Boulevard
Artesia, CA 90701

FACILITY MAILING ADDRESS

17509 Pioneer Boulevard
Artesia, CA 90701

PROJECT DESCRIPTION:

Big Penny Car Wash (hereinafter Discharger) began operating at 17509 Pioneer Boulevard in Artesia, California, on March 17, 1970. The business owner is the Workman family which is represented by Mr. Ron Workman. In January 1999, methyl tertiary butyl ether (MTBE) was detected in on-site monitoring wells MW-6 and MW-7. In August 2000, MTBE was also detected in off-site monitoring well MW-12. In February 2002, the consultant submitted an "Amended Remedial Action Work Plan" with a feasibility study. The feasibility study concluded that re-injection into selected monitoring wells would be the most cost effective method to dispose of the treated groundwater. Contaminated groundwater will be extracted from the six existing monitoring wells, MW-2, MW-4, MW-6, MW-7, MW-9 and MW-12 (refer to the attached Figure 1). The extracted groundwater will be treated through a carbon filtration treatment unit which consists of three 55-gallon drums in series. The treated water will then be re-injected to depths of up to 20 feet below ground surface through two existing wells, MW-3 and MW-5, with a designed injection rate of approximately 7 gallons per minute or 10,080 gallons per day (gpd) for each well.

The depth to groundwater at the subject site ranges from 9 to 11 feet below ground surface and the flow direction is to the south (refer to the attached Figure 1) .

VOLUME AND DESCRIPTION OF DISCHARGE:

Treated water from the groundwater treatment system will be re-injected into the aquifer at a rate of 10,080 gpd through two injection wells located at latitude 33° 52' 00" and longitude 118° 04' 00".