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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

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DEPT. OF ENVIRONMENTAL CONSERVATION
NRO

Reply To
Attn Of: WD-133

DEC 23 1994

Laurence A. Peterson
AGRA Earth and Environmental, Inc.
600 University Avenue, Suite 5E
Fairbanks, AK 99709

Re: Fairbanks Motors
3775 Cushman Street
Fairbanks, AK

Dear Mr. Peterson:

This letter documents our approval of the Class V injection well closure at Fairbanks Motors. Our approval is based upon review of 1) the Closure Plan and 2) the Field Activity and Analytical Data report. These documents were sent to EPA's Anchorage field office on October 18th and 28th of 1994, and to our office on December 14, 1994.

In this case, the injection well was a 500 gallon cylindrical steel tank with an open bottom and perforated sides whose top was located about four feet below grade. The tank was connected to the shop floor drains between 1983 and 1992, at which time the floor drains were connected to the city sewer system. The exact nature and total volume of fluids received during this time is unknown. However, the closure plan points out that about 75 vehicles are repaired each week, and 15 to 20 vehicles are typically washed each week.

We understand from the information you submitted that the tank excavation, conducted on October 4th, reached the water table at about 10 feet below grade during the removal of sludge and visibly contaminated soil. However, no ground water samples were collected. The sludge and visibly contaminated soil were incinerated to remove petroleum hydrocarbons. The visibly clean soil at the base of the excavation contains elevated levels of arsenic (6.2 ppm), cadmium (0.9 ppm), chromium (15.9 ppm), lead (18.7 ppm), and total petroleum hydrocarbons (1,080 ppm). Although some or all of these concentrations are above natural background, we agree with your judgment that no further excavation and treatment are necessary.

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Thank you for your cooperation during this injection well closure. Please address any questions you may have to Byron Coke at (907) 271-3206 or Jonathan Williams at (206) 553-1369.

Sincerely,

Roger K. Mochnick, Chief
Ground Water Section

cc: Byron Coke, EPA Anchorage Office
Steven Bainbridge, ADEC, Fairbanks