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August 30, 2004

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Re: 2003 OCD Annual Reports

Attached please find the 2003 Annual Groundwater Report for the Giant Ciniza Refinery, as required by Discharge Permit GW-032, permit condition 16.A. Included with this report are the formal report items required by permit condition 21. This report also addresses the following permit conditions:

- Condition 8.b. The API separator closure plan.
- Condition 17.b. Northeast OCD Land Treatment Area (Old Railroad Rack Lagoon Temporary Landfarm analytic results.
- Condition 18. Railroad rack lagoon closure plan.
- Condition 19.D. Temporary storage pond closure plan.
- Condition 20.3. Pilot Travel Center sampling and metering station.

The followings wells were sampled in 2003:

- MW 1,2,4,5
- OW 11,12,13,14,29,30

Summaries of the analytical can be found in 16.A.ii. and copies of the lab analysis for these wells can be found in 21.B. Monitor wells 1,2,4, & 5 were non detect for all parameters analyzed for except for barium. Minute amounts were found in the range of .083 to .15 ppm which is below groundwater standards. OW wells 11,12,13,14,29 & 30 were analyzed for BTEX and MTBE. All parameters were non detect except for 2.7 ppb for MTBE at OW30 and the following were detected in OW14:

- benzene- 190 ppb
- toluene- 2 ppb
- ethylbenzene- 2.3 ppb
- xylene- 2.5 ppb
- MTBE- 46 ppb

Surface water sampling was conducted at the aeration lagoon inlet (AL1-IN), evaporation pond 1 inlet (EPI-IN) and the outlet from evaporation pond 2 (EP2-OUT). Summaries of the analytical can be found in 16.A.ii. BTEX and MTBE were detected in AL1-IN. EPI-IN and EP2-OUT were all non detect for BTEX and MTBE except for the following:

- EP1-IN xylene- 13 ppb
 MTBE- 17 ppb
- EP2-OUT toluene- 1.2 ppb
 xylene- 1 ppb

If you have any questions regarding this report please contact me at (505) 722-0217.

Sincerely,



Ed Riege
Environmental Superintendent

C: Matt Davis w/o report

Denny Foust, OCD, Aztec Office w/report

✓ Dave Coburn / Hope Monze / NMED

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