GRCC95

State of New Mexico
ENVIRONMENT DEPARTMENT
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October 24, 1995

Sent via Fax

Lynn Shelton
Senior Environmental Coordinator
Giant Refining Company
Route 3, Box 7
Gallup, New Mexico 87301

Re: Comprehensive Groundwater Monitoring Evaluation

Dear Mr. Shelton:

This letter will confirm the date and intention of our visit to the Ciniza Refinery. I will be traveling with Mr. Michael Chacón and Mark Coffman, both of the Hazardous and Radioactive Materials Bureau (HRMB), to perform a Comprehensive Groundwater Monitoring Evaluation (CME) of the Land Treatment Area (LTA) of the Ciniza Refinery. We plan to arrive at the facility shortly after 9 a.m. on Thursday, October 26. To accomplish the goals of the CME we plan to:

1) meet in your office to review the history of the LTA, to discuss your recent attempt to replace SMW6, and to gather some information on the subsurface I have not been able to find in HRMB's files (e.g. logs of the SMX boreholes, lithology and screened intervals for the OW series, and drilling/ completion data for MW5), and
2) collect groundwater samples from monitoring wells in the following order - SMW4, MW1, SMW3, SMW5 and OW 4,3,or 24. We will record temperature, pH, and specific conductance on site and will have the groundwater samples analyzed for the compounds and parameters listed on the following two pages.

If you have questions or comments on the above you may call me at 827-1558 of send a fax to 827-1544.

Sincerely,

R. Sweeney
RCRA Technical Compliance Program

GTRF CME - 10/95

Volatile Organics (8260)

Acetone
Benzene
Benzyl alcohol
Benzylchloride (Chloromethylbenzene)
Bromodichloromethane
Bromoform
Bromomethane
2-Butanone (MEK)
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
2-Chloroethylvinyl ether
Chloroform
Chloroethane
Chloromethane
Dibromochloromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethene
trans-1,2-Dichloroethene
Dichloromethane (Methylene chloride)
Dichloropropanol (1,3-Dichloro-2-proponal????)
1,2-Dichloropropane (Propylene dichloride)
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
1,4-Dioxane
Ethylbenzene
Ethylene dibromide
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Trichlorofluoromethane
Vinyl chloride
Xylene

Metals

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Mercury
Nickel
Selenium
Silver
Thallium
Vanadium
Zinc

Semi-Volatile Organics (8270)

Anthracene
Benzenethiol
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(j)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Bis(chloroethyl)ether
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
Butyl benzyl phthalate
1-Chloronaphthalene
2-Chloronaphthalene
2-Chlorophenol
Chrysene
Dibenz(a,h)acridine
Dibenz(a,h)anthracene
1,3-Dichlorobenzene
1,2-Dichlorobenzene
1,4-Dichlorobenzene
2,4-Dichlorophenol
Diethyl phthalate
7,12-Dimethylbenz(a)anthracene
2,4-Dimethylphenol
Dimethyl phthalate
2,4-Dinitrophenol
Di-n-butyl phthalate
Di-n-octyl phthalate
Fluoranthene
Indene
Indeno(1,2,3-cd)pyrene
Methyl chrysene
1-Methylnaphthalene
2-Methylnaphthalene
2-Methylphenol(Cresol)
3/4-Methylphenol(Cresol)
Naphthalene
4-Nitrophenol
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
Pyridine
Quinoline
Tetrachlorophenol
Trichlorobenzenes
2,4,6-Trichlorophenol