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State of New Mexico **GRCC 05**
ENVIRONMENT DEPARTMENT

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RON CURRY
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CERTIFIED MAIL
RETURN RECEIPT REQUESTED

December 13, 2005

Mr. Ed Riege
Environmental Superintendent
Giant Refining Company
Route 3 Box 7
Gallup, New Mexico 87301

SUBJECT: MODIFIED SAMPLING SCHEDULE
AMERICAN PETROLEUM INSTITUTE SEPARATOR (API)
GIANT REFINING COMPANY, CINIZA REFINERY
EPA NO. NMD000333211
HWB-GRCC-MISC

Dear Mr. Riege:

The New Mexico Environment Department (NMED) is revising the sampling requirements that were established in the email from NMED to Mr. Ed Riege of Giant Refining Company dated 10/20/2005 titled *Sampling AL2-EP-1* that were imposed as a result of the API separator releases in August of 2005 at the Giant Refining Company, Ciniza Refinery (GRCC). The sampling requirements, identified in the table attached to this letter, will aid in determining the source(s) of petroleum constituents entering the evaporation ponds.

Mr. Ed Riege
Giant Ciniza Refining Company
December 13, 2005
Page 2 of 2

If you have any questions regarding this letter, please call me at (505) 428-2545.

Sincerely,



Hope Monzeglio
Project Leader
Permits Management Program

HM

Attachment

cc: *D. Cobrain, NMED HWB
W. Price, OCD
C. Chavez, OCD
S. Morris, GRCC

File: Reading and GRCC 2005

Giant Ciniza Refinery Sampling Schedule Resulting From The API Separator Spill

Sampling Location	Sampling Frequency	Analytical Suite	Comments and Additional Parameters
Effluent from AL-2 to EP-1	Weekly	EPA Method 8021B + MTBE; RCRA 8 Metals (totals); EPA Method 8015B must include C ₆ -C ₁₀ and C ₁₀ -C ₃₆ carbon ranges. *monthly – EPA Method 8260, EPA Method 8015B must include C ₆ -C ₁₀ and C ₁₀ -C ₃₆ carbon ranges, RCRA 8 Metals (totals)	GRCC must sample effluent discharged from AL2 to EP-1 on a weekly basis until four weeks after the API Separator repair and monthly thereafter. Sampling frequency will be modified as needed by NMED *
Effluent from Old API separator (storm water Separator Effluent)	Monthly	EPA Method 8260, EPA Method 8310, RCRA 8 Metals (totals); EPA Method 8015B must include C ₆ -C ₁₀ and C ₁₀ -C ₃₆ carbon ranges	Measure product thickness on surface water on a weekly basis and after every rain event. * Sampling frequency will be evaluated after receipt of three months analytical results by NMED
Effluent from Pilot Gas Station to the Aeration Lagoon	Monthly	EPA method 8260, RCRA 8 Metals (totals); EPA Method 8015B must include C ₆ -C ₁₀ and C ₁₀ -C ₃₆ carbon ranges	Sampling frequency will be evaluated after receipt of three months analytical results by NMED *
Effluent from New API separator	Monthly	EPA method 8260, EPA Method 8015B must include C ₆ -C ₁₀ and C ₁₀ -C ₃₆ carbon ranges	Sampling frequency will be evaluated after receipt of three months analytical results by NMED *

***Note:** Monthly effluent samples from AL-2 to EP-1, the New API separator, the Old API separator, and the Pilot Truck Stop discharge must be collected on the same day and analyzed for EPA method 8260 and EPA Method 8015B (C₆-C₁₀ and C₁₀-C₃₆). Effluent samples from AL2-EP-1, Old API separator, and the Pilot Station must also be analyzed for RCRA Metals (totals).

Table date: December 13, 2005.

The revised sampling is in response to the August 2005 spill from the breakdown of the new API separator.