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Governor

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Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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ENTERED



RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

October 27, 2009

Mr. Ed Riege
Environmental Superintendent
Western Refining, Southwest Inc.,
Gallup Refinery
Route 3 Box 7
Gallup, New Mexico 87301

Mr. Beck Larsen
Environmental Engineer
Western Refining, Southwest Inc.,
Gallup Refinery
Route 3 Box 7
Gallup, New Mexico 87301

**SUBJECT: SEPTEMBER 5, 2009 API SEPARATOR OVERFLOW REPORT
WESTERN REFINING, SOUTHWEST INC., GALLUP REFINERY
EPA ID NO. NMD000333211
HWB-GRCC-MISC**

Dear Messrs Riege and Larsen:

The New Mexico Environment Department (NMED) received the Western Refining Southwest Inc., Gallup Refinery (the Permittee) Report summarizing the overflow and interim measures remedial actions at the API separator on September 5, 2009. The Permittee collected ten soil samples and presented the analytical results in a table titled "Hall Environmental Laboratory Data Summary." The analytical results identified diesel range organics (DRO) extended (which include motor oil range organics (MRO)) ranging from 229 mg/kg to 11,000 mg/kg, all exceeding the NMED's Total Petroleum Screening (TPH) Guidelines of 200 mg/kg for "unknown oil." NMED compared the cumulative values of the DRO and MRO detections when comparing the values to the NMED TPH standard for unknown oil of 200 mg/kg (e.g., sample BKT-E-7 had a DRO detection of 150 mg/kg and a MRO detection of 79 mg/kg with a cumulative value of 229 mg/kg). Because the release came from the API separator, the exact source(s) of the hydrocarbons are unknown.

Mr. Ed Riege
Gallup Refinery
October 27, 2009
Page 2 of 2

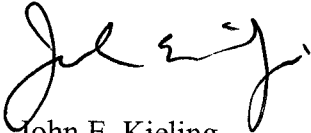
The Permittee must complete additional cleanup activities as follows:

- a. The Permittee must remove additional contaminated soils in the vicinity of the API Separator and the Baker Tank within the hatched area identified in the "Sampling Plan" figure (attached).
- b. The Permittee must collect confirmation samples from the approximate locations of all of the former sampling locations with the exception the roll-off box location. The Permittee must also collect samples from the additional sample locations identified in the attached figure. All samples must be collected from the limits of the excavation not to exceed six inches in depth.
- c. All confirmation samples must be analyzed for DRO extended. In addition, samples collected from locations API-E-2 and BKT-E-7, BKT-S-8, and BKT-W-9 must also be analyzed for gasoline range organics.
- d. The confirmation samples must not exceed organics concentrations of 200 mg/kg, if such concentrations exceed 200 mg/kg then additional soil removal will be required until detected concentrations are less than 200 mg/kg.
- e. The Permittee must submit a report (letter format is acceptable) that describes the additional soil clean up activities, explains how additional contaminated soil was removed, describes how confirmation samples are collected and documents the disposal of the contaminated soils. The Permittee must also include all analytical data in table format, copies of the final laboratory reports, and include a figure that identifies the locations of all confirmation samples.

Mr. Ed Riege
Gallup Refinery
October 27, 2009
Page 3 of 3

The Permittee must submit the report to NMED on or before February 1, 2010. If you have questions please contact Hope Monzeglio of my staff at 505-476-6045.

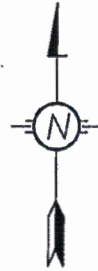
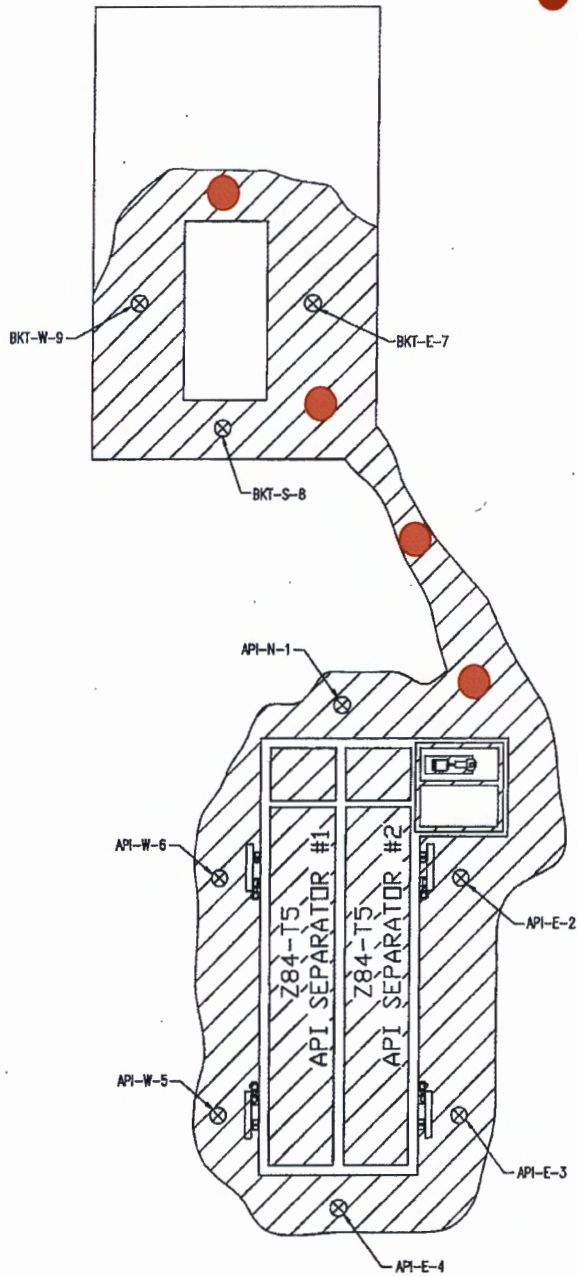
Sincerely,



John E. Kieling
Program Manager
Permits Management Program
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
H. Monzeglio, NMED HWB
C. Chavez, NMEMNRD OCD
File: Reading GRCC 2009
GRCC-MISC

● Approximate additional confirmation sample locations



SAMPLING PLAN
(API OVERFLOW) ON 09/05/09