

GRCB 06



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ENVIRONMENT DEPARTMENT

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 **ENTERED**



RON CURRY
SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 7, 2006

Mr. Randy Schmaltz
Environmental Supervisor
Giant Refining Company
P.O. Box 159
Bloomfield, New Mexico 87413

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

SUBJECT: APPROVAL WITH MODIFICATIONS
2005 GROUND WATER REMEDIATION AND MONITORING
ANNUAL REPORT APRIL 2006
GIANT REFINING COMPANY, BLOOMFIELD REFINERY
EPA ID # NMD089416416
HWB-GRCB-06-003

Dear Messrs. Schmaltz and Riege:

The New Mexico Environment Department (NMED) has completed its review of the *2005 Groundwater Remediation and Monitoring Annual Report (Volumes I & II)*, dated April 2006, submitted on behalf of Giant Refining Company, Bloomfield Refinery (GRCB). GRCB must adhere to the requirements established in this Approval with Modifications for future groundwater reports and submit a response for all requested information. The requested information and replacement pages must include a response letter that details where the information was revised and cross-referencing NMED's numbered comments. GRCB must submit a response to NMED no later than August 14, 2006 or this approval will be rescinded.

GRCB must make the following modifications and submissions as a condition for this approval.

1. In Section 9-1, *The Groundwater Elevation Information*, the "separate phase hydrocarbon detected" formula is written incorrectly. NMED applied the formula to calculate the

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“Corrected Groundwater Calculation” and the results did not equal the results provided in the table. However, the formula written below does provide the correct calculation.

$$\text{Corrected Groundwater Elevation} = \text{MPE} - [\text{DTW} + 0.8 (\text{DTW} - \text{DTP})]$$

Therefore, GRCB must submit a replacement page to include the correct formula as stated above.

2. In section 10, Figure 11 shows DW #48 in the same location as MW-48 (shown in Figure 3); however, MW-48 does not exist on Figure 11. Therefore, NMED is under the assumption that DW #48 was renamed from MW-48. If NMED is wrong with this assumption GRCB must provide an explanation for this well. GRCB cannot arbitrarily change a well name. If MW-48 represents a DW well, this must be identified in a legend. GRCB must submit a replacement figure with the appropriate changes.
3. In Section 10, on Figure 11 and Figure 12, GRCB must define DW, BV, TP, and MW in a legend on each map. GRCB must submit replacement figures with the appropriate changes.
4. In Section 10, Figures 11 and 12 do not show unit measurements (e.g., feet, meters) for the scales provided. GRCB must submit replacement figures with units designated for the map scales.

If you have questions regarding this approval please contact me at 505-428-2545.

Sincerely,



Hope Monzeglio
Project Leader
Permits Management Program

HM/td

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
W. Price, OCD
D. Foust, OCD
lvb. copy