



BILL RICHARDSON  
GOVERNOR

GRCB05  
State of New Mexico  
**ENVIRONMENT DEPARTMENT**  
Hazardous Waste Bureau  
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**ENTERED**



RON CURRY  
SECRETARY

DERRITH WATCHMAN-MOORE  
DEPUTY SECRETARY

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

February 17, 2005

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 CONDITIONS  
VOLUNTARY CORRECTIVE MEASURES  
TEMPORAY WELL INSTALLATION TP-9 THROUGH TP-13  
BLOOMFIELD REFINING COMPANY  
RCRA PERMIT NO. NMD 089416416  
HWB-GRCB-04-006**

Dear Mr. Schmaltz and Mr. Riege:

The New Mexico Environment Department (NMED) has completed its review of Giant Industries' response to the *Giant Bloomfield Refinery – NMED Conditional Approval of River Terrace Area Voluntary Corrective Measures Plan* dated January 31, 2005, submitted on behalf of Giant Refining Company, Bloomfield Refinery (GRCB). NMED hereby approves the locations of temporary well points TP-9 through TP-13 with the following conditions listed below:

1. The temporary well points shall be installed with a hollow-stem auger. The borings shall be advanced to approximately nine (9) feet below ground surface (bgs). The well points shall be constructed using 2-inch schedule 40 PVC and 5-foot long machine-slotted screen (#10 slot) set from approximately 4-feet bgs to 9-feet bgs to intersect the groundwater table. At least one foot of screen must be exposed above the water table. A 2-inch blank

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casing shall be set above the screen to complete an above-grade "stick-up" similar to the existing temporary well points.

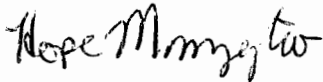
2. Upon completion of temporary well points TP-9 through TP-13, the temporary wells shall be purged and groundwater samples shall be collected. The groundwater samples shall be analyzed for diesel range organics (DRO) and gasoline range organics (GRO) using EPA Modified Method 8015B, BTEX using EPA Method 8021B, and general chemistry parameters in accordance with Oil Conservation Division (OCD) requirements.
3. Prior to the collection of groundwater samples, Giant shall obtain headspace vapor readings from all temporary wells TP-1 through TP-13 using a photo ionization detector (PID) or a combustible gas indicator (CGI). Vapor samples shall be collected from approximately one foot above the water table by inserting a tube into the well and inserting the PID or CGI probe into the other end of the tubing. To determine the tubing length, a depth to water measurement must be obtained from the wells and the tubing shall be inserted to a depth of one foot above the measured depth to water. The tubing size shall accommodate the size of the probe limiting the entry of ambient air. Giant should use caution when collecting the vapor reading to ensure water is not pulled into the tubing.
4. Upon completion of the investigation, GRCB must submit an investigation summary and typical temporary well point construction drawing.

If any of these activities are not performed, an explanation for the change in scope must be provided to NMED.

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Giant Refining Company Bloomfield  
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If you have any questions regarding this conditional approval please call me at (505) 428-2545.

Sincerely,



Hope Monzeglio  
Project Leader  
Hazardous Waste Bureau

HCM:hcm

cc: J. Kieling, NMED HWB  
D. Cobrain, NMED HWB  
W. Price, OCD  
D. Foust, OCD Aztec Office  
B. Wilkinson, EPA

Reading File and **GRCB 2005 File**