

GRCB 04



ENTERED



Hope Monzeglio  
New Mexico Environmental Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East  
Bldg 1  
Santa Fe, NM 87505

Certified Mail: 7099 3220 0010 2242 5303

December 27, 2006

Re: Approval  
North Boundary Barrier Collection System Phase II  
Annual Report  
May 2005 to May 2006  
Giant Refining Company, Bloomfield Refinery  
NMED ID # NMD089416416 HWB-GRCB-06-004

Dear Ms. Monzeglio,

Giant Refining Company Bloomfield (GRCB) received the November 2, 2006 letter from the New Mexico Environmental Department (NMED) requesting additional information regarding the North Boundary Barrier Collection System Phase II Annual Report May 2005 to May 2006. The following correspondence will address NMED's comments.

Comment #3: The monitoring well data from April 2005 was collected during the 2005 Semi-Annual Groundwater Sampling Event. Installation of the collection wells and observation wells was not completed until late April 2005. Initial groundwater sampling of the collection and observation wells was conducted in early May 2005. Thus the discrepancy in sampling dates between the monitoring wells and the collection and observation wells.

Comment #4: The replacement page requested by NMED is included with this response.

Comment #7: Per our telephone conversation on November 28, 2006, Phase II data from May 2006 through December 2006 will be added to the Annual

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Groundwater Report due April 15, 2007. The Phase II well elevations and sampling data will be segregated from the typical Annual Groundwater data.

If you need additional information, please contact me at (505) 632-4161.

Sincerely,

A handwritten signature in cursive script that reads "Cindy Hurtado". The signature is written in black ink and is positioned below the word "Sincerely,".

Cindy Hurtado  
Environmental Coordinator – Giant Refining – Bloomfield

Cc: Randy Schmaltz – Environmental Manager – Giant Refining – Bloomfield  
Wayne Price – NMOCD Santa Fe

# PHASE II MONITORING - 2005/2006

## Water Analysis

## BTEX & Field Data - Collection Wells

EPA Method 8021B							EPA Method 8015B	Field Data			
WQCC 20NMAC 6.2.3103	0.01	0.75	0.75	0.62				6.0-9.0		1000	
Date Sampled	mg/L Benzene	mg/L Toluene	mg/L Ethylben	mg/L Xylene	mg/L MTBE	mg/L DRO	mmhos/cm E.C.	pH	Farenheit Temp.	mg/L TDS	
CW23+10	Apr-06	4.20	<0.010	<0.010	0.11	2.9	NR	3306	6.86	53.5	2601
	Aug-05	9.40	0.015	0.42	0.36	NR	NR	3284	6.96	68.0	2554
	May-05	6.30	0.076	0.19	0.35	NR	NR	3046	6.92	54.0	2425
CW23+90	Apr-06	2.90	<0.100	0.11	<0.300	0.94	NR	3306	6.87	53.7	2601
	Aug-05	3.30	<0.05	0.17	0.33	NR	NR	3222	6.96	68.0	2501
	May-05	3.40	0.035	0.17	0.40	NR	NR	2702	6.86	55.0	2124
CW25+95	Apr-06	<0.001	<0.001	<0.001	<0.003	0.0054	NR	2205	6.93	52.3	1670
	Aug-05	0.00059	<0.0005	<0.0005	<0.0005	NR	NR	1252	6.98	66.0	899
	May-05	0.001	<0.0005	<0.0005	<0.0005	NR	NR	1287	6.92	56.0	949

NS = Well is Dry - No Sample

NR = Not Required

SPH = Well Contains Separated Phase Hydrocarbons - No Sample