

RED GRCB/2800



June 27, 2000

Mr. David Cobrain  
Hazardous Materials Bureau  
New Mexico Environment Department  
2044-A Galisteo Street  
Santa Fe, NM 87505

Route 3, Box 7  
Gallup, New Mexico  
87301  
505-722-3833  
505-722-0210 FAX

JUL 2000

Re: Aeration Lagoon Information for Giant's Ciniza and Bloomfield Refineries

Dear Mr. Cobrain:

As a followup to our discussion during your visit to Ciniza last week, I have assembled the data you were seeking for the Aeration Lagoons at Giant's Ciniza and Bloomfield Refineries. The information was requested in relation to the aggressive biological treatment exemption for those Lagoons. The tables below contain the pertinent data.

**Bloomfield Refinery**

Aeration Lagoon Designation	~Capacity (gallons)	~Throughput (gal / min)	Retention Time (days)	Installed Aerator Capacity (hp)	Aeration Rate (hp / MMgal)
1	216,000	80	1.9	10 (2 x 5 hp)	46
2	412,000	80	3.6	7 (1 x 5 hp, 1 x 2 hp)	17
3	360,000	80	3.1	10 (2 x 5 hp)	28

**Ciniza Refinery**

Aeration Lagoon Designation	~Capacity (gallons)	~Throughput (gal / min)	Retention Time (days)	Installed Aerator Capacity (hp)	Aeration Rate (hp / MMgal)
1	580,000	130	3.1	45 (3 x 15 hp)	78
2	706,000	130	3.8	30 (2 x 15 hp)	42

If you have any questions regarding the above data, please do not hesitate to contact me at (505) 722-0217.

Sincerely,

*David C. Pavlich*  
David C. Pavlich  
Environmental Superintendent  
Giant Refining Company

Cc: Barry Holman – Bloomfield  
Dorinda Mancini – Ciniza