

Monzeglio, Hope, NMENV

From: Jim Lieb [jlieb@giant.com]
Sent: Wednesday, May 24, 2006 3:49 PM
To: Monzeglio, Hope, NMENV; Chavez, Carl J, EMNRD
Cc: Ed Rios; Ed Riege; Steve Morris; Tony Allen
Subject: Ciniza Aerator Status
Importance: High

Hope, Carl:

One of our three aerators in the Lagoon No. 1 is down. It has been down for a couple days, hence this notification to OCD and NMED-HWB. The aeration motor is defective. We are having it sent out for repairs to an electrical repair shop in Albuquerque. Depending on the extent of the damage, the motor repair could take anywhere from two days to two weeks. We are now ordering a spare to keep in our warehouse in event this happens again.

The two other aerators in Lagoon #1 are working fine as well as the two aerators in Lagoon #2.

Giant believes that even with one aerator out of service, the treatment capacity in AL No. 1 is satisfactory. Assuming there are two aerators, the horsepower per gallon treatment capacity is calculated as follows:

Number of active aerators at 15 hp each = 2 = 30 hp total

Volume (estimated) of AL No 1 = 395,900 gallons

Therefore the hp per gallon treatment capacity is: $30 \text{ hp} / 395,900 \text{ gallons} = 0.0000758 \text{ hp/gal}$ or 75.8 hp/Mgal which is greater than the EPA's 6 hp/Mgal minimum threshold.

I will keep OCD and HWB informed as to the status of the aerator.

If you have any questions, please contact me at (505) 722-0227 or email reply.

Sincerely,

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