

Monzeglio, Hope, NMENV

From: Monzeglio, Hope, NMENV **Sent:** Wed 8/31/2005 1:03 PM
To: eriege@giant.com; James Romero [jromero@giant.com]
Cc: Price, Wayne, EMNRD; Foust, Denny, EMNRD; Cobrain, Dave, NMENV
Subject: Firewater storage
Attachments:

James

To recap our conversation today 8/30/05 pertaining to fire water storage. Below is the information I have gathered from our conversations and email.

From our understanding, Giant is going to use "RO" water, which was explained to be well water, used to create steam for turbines. This water will be placed in the proposed firewater storage area identified on the map provided in the 8/29/05 email Subject: RE: "1,152,000 gal Release notification form." The proposed firewater storage area is a basin created in the 50's and a section of the basin currently stores sewer effluent. The "RO" water and sewer effluent water will be separated by a berm. Finally, the "RO" water will be transported from the well, stored in Evaporation Pond 2 (EP 2), and then transferred to the basin. Giant received the RO water laboratory results and the results were non detect for everything.

Giant must submit to NMED and OCD a proposed plan that describes the entire process for using well water and RO water in creating the proposed firewater storage and include the points listed below.

1. Giant must clarify what RO stands for describe what type of water this is and provide the source of where it comes from. Giant must clarify if RO water is the same as boiler feed water? Giant must clarify what type of well the RO water is produced from and provide the location of this well (include a map).
2. Provide what laboratory analysis were run on the RO water, effluent from aeration lagoon 2 to Evaporation Pond 1, inlet water to Pond #2, and well water if different from the RO water, and include the results of the laboratory reports. Giant must describe all sample collection methods.
3. Clarify if the sewer effluent has ever been tested for petroleum hydrocarbons, if so provide the analytical data.
4. Provide details for the travel routes the RO water will follow before entering the basin, (e.g. how long will the RO water stay EP 2 before entering the basin). Explain why EP2 will be used to store the RO water before entering the basin. Identify how many gallons of water will be stored in the basin.

NMED reminds Giant if EP 2 contains any hazardous constituents, this is an unacceptable place to store the RO water prior to entering the basin.

5. Provide the dimensions and soil composition of the berm. Also include the soil composition of the basin. Giant must clarify if a permeability test has been conducted in the basin and if water evaporation rate have been considered, if so provide the appropriate data, figures, and calculations.

6. Provide a description of the basin's history. This must include how the basin was created and what purpose it served, identify any contaminants associated with the basin, how they entered, identify if any soil sample have been collected from the bottom of the basin to confirm hazardous constituents are not present.

7. Provide a map with the location of the proposed firewater storage area.

If you have any questions please contact me.

Sincerely

Hope

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