

Monzeglio, Hope, NMENV

From: Jim Lieb [jlieb@giant.com]
Sent: Friday, March 31, 2006 9:46 AM
To: Chavez, Carl J, EMNRD
Cc: Ed Riege; Monzeglio, Hope, NMENV
Subject: Storm water/Firewater Pond project

Carl:

I am working on the storm water/fire water pond project and need to touch bases with you on OCD's requirements for use of the pond as a storm water/fire water pond. I have some of James Romero's old emails to you and based on my reading of the emails I believe he had supplied the permeability and soil boring log sheets to you back in September 2005. I have attached a scanned copy of the Precision Engineering results to my email. I have reviewed the OCD's rules under 19.15.2.50 for Pits and Below Grade tanks and see that 19.15.2.50B(1) refers to a form C-144 application to discharge into a pit.

My questions are:

1. Is the soil boring and permeability data acceptable to OCD as documentation that the clay barrier under the pond is sufficient that the low permeability clay will suffice as the secondary containment barrier with a single liner with leak detection is acceptable? I have the guidance on Pit Leak Detection that you provided to James Romero. Giant will follow this guidance.
2. Since we will install a leak detection system (piezoelectric) and the primary liner, then I assume the boiler salt content and RO reject water issues are moot?
3. Need we complete the form C-144 and submit it to OCD?
4. Is the Engineering Plan in 19.15.2.50 B (4) required for this project?
5. 19.15.2.50 C.(2)(c) specifies a liner of at least 30 mils and manufactured of PVC or other equivalent material that meets or exceeds the ASTM standards for PVC. Giant will follow this specification.

If there is anything else I need to be aware of to obtain OCD's approval to use the existing pond as a fire water/storm water retention pond, please let me know.

Regards,
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3/31/2006