

VanHorn, Kristen, NMENV

From: Chavez, Carl J, EMNRD
Sent: Tuesday, August 16, 2011 11:14 AM
To: Chavez, Carl J, EMNRD; Hains, Allen
Cc: Riege, Ed; VanHorn, Kristen, NMENV; Cobrain, Dave, NMENV; VonGonten, Glenn, EMNRD
Subject: RE: engineering drawings STP-1

Allen and Ed:

One more OCD item of concern in Drawing Z 84-03-183 Note 2: The manufacturer's recommended procedures for pond liner shall conform to OCD Regulation 19.15.36.17 NMAC.
Thanks.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
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"Why not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward with the Rest of the Nation?" To see how, go to "Pollution Prevention & Waste Minimization" at:
<http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>)

From: Chavez, Carl J, EMNRD
Sent: Tuesday, August 16, 2011 10:01 AM
To: Hains, Allen
Cc: 'Riege, Ed'
Subject: FW: engineering drawings STP-1

Allen and Ed:

Good morning. The agencies have completed our preliminary review of the above subject submittal. Please find below and in NMED' questions below items for further discussion with Western.

OCD's review observations, requirements, and/or questions:

1. Some piping shows Schedule 40, but OCD Rule 36 requirement is minimum Schedule 80 piping requirement;
2. Three feet of freeboard must be maintain at all times;
3. Must submit engineering design for spray system for approval prior to installation and spray shall remain within confines of pond perimeter.
4. Oil trap or skimmer pit/tank to prevent oil from entering pond is required.
5. Where will liquids removed from leak detection system be treated, stored and/or disposed? Rule 36 requires some type of holding pit, tank, etc. to handle leakage through primary liner system.

Please respond to the NMED and OCD items in this communiqué. The agencies will arrange for a telephone conference call if necessary. Thank you.

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From: VanHorn, Kristen, NMENV

Sent: Friday, August 12, 2011 4:48 PM

To: Chavez, Carl J, EMNRD

Cc: Cobrain, Dave, NMENV

Subject: engineering drawings STP-1

Carl,

I looked through the engineering drawings and here are our comments/questions.

1. Since native clay is "expansive" and not appropriate for compacted structural fill, where will fill be taken from to match the engineering requirements listed in notes?
2. What is the estimated amount of soil to be removed as part of the excavation? (Will we require them to do confirmation samples to make sure the soil is clean for reuse?)
3. Were any geotechnical borings done at the site? Where are the logs and the geotechnical results?
4. What is the outflow pipe (to EP-2) covered in to ensure no freezing? Is the pipe above ground or subgrade? Where will sample port(s) be for the outflow of the pipe as it enters EP-2?
5. Is there a schematic drawing of the piping as it enters STP-1 from the waste water treatment plant (MPPE) and the Pilot and refinery waste water (also it might help if it shows where sample port(s) will be located)? And a drawing of where the pipes leave STP-1 and go to EP-2?

If you need anything else, let me know.

Thanks,
Kristen

Kristen Van Horn

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