

monitored if the ponds did not meet NRCS construction standards for lining. I conducted these reviews last year when we began talking to our client about permitting. I'm wondering, is this a new standard?

Thank you for the clarification.

Janine Baratta
Agronomist

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From: Michele Reid [<mailto:mreid@ndep.nv.gov>]
Sent: Wednesday, March 19, 2014 10:32 AM
To: Janine Baratta
Cc: Mark Kaminski
Subject: RE: New facility pond construction

Janine,

Just wanted to clarify that while the pond design must meet the minimum requirements of NRCS as stated in our CAFO permit language (see below), our State still requires some form of leak detection to ensure protection of groundwater. As indicated in our guidance documents (attached): "A plan for leak detection must be presented. Acceptable leak detection plans include double liners with leak collection sumps or down gradient monitoring wells. Other innovative plans for leak detection will be reviewed by NDEP prior to acceptance."

B.CO.13. Waste Storage Facility Design and Construction: All waste storage and treatment facilities shall be designed and constructed in accordance with NRCS Conservation Practice Standard Code 313, Waste Storage Facility, October 2003 or more recent; NRCS Conservation Practice Standard Code 317, Composting Facility, October 2003 or more recent; and/or NRCS Conservation Practice Standard Code 359, Waste Treatment Lagoon, October 2003 or more recent, as appropriate. All waste storage and treatment facilities shall include a staff gage or other method of determining the available storage capacity of the impoundment. All structures shall be designed, constructed, operated, and maintained to contain all manure and process wastewater from the production area accumulated during the design storage period plus the direct precipitation and run-on resulting from the 25-year, 24-hour storm event.

In response to your other questions:

I cannot answer how long the review time is for Mr. Kaminski and review of the pond design. Typically we provide for a 30-day turnaround for reviews. Construction may not be initiated until there is a permit in place. So yes, you will need to wait until the public notice is complete and comments have been addressed and the permit officially issued. Our public notice runs for 30 days.

Michele "Mickie" Reid
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 Studies show trees live longer when they're not cut down.
Please do not print this email unless you really need to.

From: Janine Baratta [<mailto:jbaratta@agpros.com>]
Sent: Tuesday, March 18, 2014 10:03 AM
To: Michele Reid
Subject: RE: New facility pond construction

Thanks, Mickie.

Once we resubmit the pond liner information and updates to NMP, do you know how long it will take to review the application? Do we need to wait for it to be public noticed as well prior to initiating construction? I'm trying to put together a timeline from the permitting standpoint.

Thanks.

Janine Baratta
Agronomist

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From: Michele Reid [<mailto:mreid@ndep.nv.gov>]
Sent: Tuesday, March 18, 2014 10:03 AM
To: Janine Baratta
Cc: Chad TeVelde; Tom Haren; Tim Naylor; Olivia Cain
Subject: RE: New facility pond construction

Janine,
As a follow-up I just wanted to provide you with our State regulation that supports our conversation.

NAC 445A.283 Permit required to construct, install, expand or modify treatment works. ([NRS 445A.425](#), [445A.585](#)) No person without first obtaining a permit from the Department may:

1. Construct, install, expand or significantly modify any factory, mill, plant or other industrial or commercial facility which will result in a discharge not authorized by an existing permit to waters of the State.