

Agenda for Deuel Vocational Institution Compliance Meeting

16 December 2014, 1:30

Central Valley Regional Water Quality Control Board Office

11020 Sun Center Drive Suite 200, Rancho Cordova

1. Introductions
2. Violations of Waste Discharge Requirements Order R5-2007-0005 and 18 November 2014, 13267 Order.
 - Monitoring and Reporting Violations
 - Failure to submit Second Semi-Annual 2013 and First Semi-Annual 2014 Monitoring Report (documented in 4 September 2014 Notice of Violation).
 - Failure to submit Facility Monitoring Report due 15 November 2014.
 - Failure to submit Technical report due 1 December 2014 per 13267 Order.
 - Status of water balance due on 15 December 2014 per 13267 Order.
 - Operational Violations
 - Insufficient freeboard in surface impoundments
 - Liquid detected in pan lysimeters of surface impoundments 1, 2, 3 and 4.
3. Discussion of Discharge Specification B.18 of WDRs Order R5-2007-0005 :

"If leachate is detected in the vadose zone monitoring system of a surface impoundment (indicating a leak in the containment structures) the Discharger shall:

a. Immediately cease discharge of waste, excluding leachate to the surface impoundment, until the leaks can be found and repaired.

b. Verbally notify the Regional Board that the containment structures have failed within 72 hours.

c. Submit written notification of the release to the Regional Board within seven days, the notification should include a time schedule to repair the containment structures.

d. The discharge of wastes to the surface impoundment shall not resume until the Regional Board has determined that repairs to the liners are complete and there is no further threat to water quality.”

4. Chronic toxicity triggers implemented by WDRs/NPDES Order R5-2014-0014.
5. Outstanding dairy violations.
6. Closing Comments

DVI

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T27

Feseboard

The 4 ponds are 1 pond w/ roadways in the middle. The fb should be above the interior ~~the~~ beams. See final design Report

Prepared an emergency declaration - wants to issue a contract by the end of this week. EBMUD will take 50,000 - 100,000 gpd. Will drain ponds and get sludge out. ^{for all winter} Then will tear down in spring, then will start a contract to fix ponds. Will put staff gages in.

They can't do the water balance. Don't know how deep the sludge was.

(*) They'll provide better weekly updates. (Headquarters will coordinate w/ operations staff) → about when they'll submit the 13207 Report
Told Terry to tell us the reference points for feseboard.

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plant offline - still waiting for parts
design flaw. ^{Design of} Facility never proven. The longest its run has been 9 months. Still a lot that they don't know about it. Impeller blew up. Impellers now show corrosion. Are going to get a consultant to look at it. Impellers ordered. Clean in place of concentrator. Seal failed. 10 weeks to get new seal. - Dec 22 they'll ship. Can bring it running by early January. The brine concentrator is the problem.

(*)

They can add in to the trucking contract to haul off daily brines. They'll give me an update on when they can get plant operating again.

Me - we now consider this one pond = one leak means you can't use whole pond.

NPDES
WWT

TRE action plan will be in by Friday.

Normally there's a contract for this but....

(*) Salinity Minimization Plan - forgot. Started process. They'll let us know when they can get it to us.

Nitrate - continuing violations - Terry doesn't think it's necessarily due to ~~new~~ need for new filters

Old lagoons

(*) ~~If~~ They are using the unlined ponds - told them to work w/ permitting to update the permit. I need to help them.

127 - Annual Facility Monitoring Report - Terry says he gave it to Brendan at an Oct mtg. Brendan needs to double check.