To: Rodriguez, Dante[Rodriguez.Dante@epa.gov]; Jeryl Gardner[JGARDNER@ndep.nv.gov]
Cc: Seter, David[Seter.David@epa.gov]; John Batchelder[jbatchelder@envirosolve.com]
From: Oman, Jack
Sent: Mon 8/17/2015 5:17:59 PM
Subject: FW: FMS Hydraulic Test Update through 08/12/15
Summary Update Transmittal - 081215.pdf

Dante and Jeryl,

FYI

Please see the update below regarding the status of the pond testing activities at Yerington.

Please let me know if there are any questions or if you would like to discuss further.

Thanks,

-jack

From: Mattucci, Richard [mailto:RMattucci@brwncald.com]
Sent: Thursday, August 13, 2015 4:21 PM
To: Oman, Jack; jbatchelder@envirosolve.com
Cc: Zimmerman, Chuck; Hyatt, Ron; Gupta, Alok
Subject: FMS Hydraulic Test Update through 08/12/15

Jack and John

Progress

Filling of FMS Evaporation Pond B up to the 8 foot freeboard level was completed Wednesday (08/12/15) with the last available fluid the submersible pumps could pump from FMS Evaporation Pond C at about the 0.9 foot level. During this final transfer Pac Machine was brought on site to troubleshoot and succeeded in fixing the Godwin Pump's limited suction head performance problem. This repair provides access to the fluids in the VLT Pond below the 8 foot level to assist with the hydraulic filling test for Pond C.

The Godwin Pump will be used to start assisting in filling Pond C today, Thursday (8/13/15). The submersible pumps will be taken out of Pond C today and put into Pond B to begin incremental drawdown of Pond B discharging to fill up Pond C. Filling of Pond C will continue until Pond C reaches the 8 foot freeboard level of the liner staff gauge.

Results

A total of approximately 1,655, 259 gallons of fluid were transferred into Pond B from Pond C and the VLT Pond to reach the 8 foot freeboard level. The actual capacity of Pond B is higher as there was approximately 2 feet of fluid at the start of the test.

Leak results for Pond B in reaching the 8 foot freeboard level showed a very minor leak beginning around the 5.25 foot level. At the 5.90 foot level the leak detector pump activated pumping on average less than .04 gallons per minute (gpm). The leakage rate decreased as Pond B was filled with the first noticeable decrease in the leakage rate at around the 7 foot mark to less than 0.04 gpm. The leakage rate will continue to be monitored for any changes as Pond B is emptied. The results thus far indicate that the Pond B primary liner is relatively intact and the probability of finding the liner flaw(s) responsible for the small leakage rate are remote.

The Pond C leak detector will also be monitored during initial Pond C filling phase beginning today.

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