To: Rao, Kate[Rao.kate@epa.gov]
Cc: Rumrill, Nancy[Rumrill.Nancy@epa.gov]; Albright, David[Albright.David@epa.gov]; Shari.Ring@cadmusgroup.com[Shari.Ring@cadmusgroup.com]
From: JAMES D WALKER
Sent: Thur 7/13/2017 8:58:33 PM
Subject: Summary of Conference Call discussion with Excelsior on July 12.
Multiple depth probes study Tech Memo_Final.pdf

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Hi Kate,

The call lasted about 40 minutes. Topics discussed were as follows:

- The revised Attachment R3 to the UIC application. Cost estimates were increased for financial resources requirements as requested by EPA. Additional increases in cost estimates may be required and will be addressed as a revision to Attachment R3.

- Letter explaining the water supply flow rate from Johnson Camp. The explanation was discussed and accepted.

- Technical Review Memorandum describing Excelsior's proposed multi-probe electrical conductivity study. Excelsior presented a proposal for a demonstration of the equivalency of a single probe compared to multiple conductivity probes to monitor specific conductance in the IMW and observation wells. Excelsior proposes to use four probes at selected depths in three inner IMWs to study the responses to movement of ISR fluids in preferential flow paths in the orebody. Walker and EPA will provide a response after reviewing the proposal in preparation for he next conference call with Excelsior on July 27. The detailed description of the proposed study is attached.

- Target Timeline for completing the review of the revised UIC permit application and the draft permit was discussed. The Cadmus review is in progress and comments will be delivered to EPA soon. Preparation of the draft permit is also in progress, but a definite date for completion was not provided.

- The next conference call was scheduled for 10 am PDT July 27.

If you have any question, please let me know.

Thanks,

Jim