From: Williams, Jonathan
To: McDonnell, Kimberlee
Subject: FW: EPA Comments on Remedial Action Work Plan - Revised Contractor"s Construction Plan and CQC Plan
Date: Friday, October 16, 2015 10:48:13 AM
Attachments: image002.png

From: Williams, Jonathan
Sent: Friday, October 16, 2015 10:47 AM
To: 'wayne.crowther@deq.idaho.gov'; Benchouk, Michele [USA]
Cc: Greutert, Ed [USA]; Scott.Miller@deq.idaho.gov; Doug Tanner
Subject: FW: EPA Comments on Remedial Action Work Plan - Revised Contractor's Construction Plan and CQC Plan

Wayne and Michele:

It appears you were not copied on this e-mail. I would appreciate speaking with you about it. Thanks.

Jonathan Williams, LHG
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From: Marguerite Carpenter [mailto:MARGUERITE.CARPENTER@fmc.com]
Sent: Friday, October 16, 2015 9:42 AM
To: Cliff Merrill; darlene.mccray@akana.us; Doug Tanner; Ed Greutert; susanh@ida.net; Williams, Jonathan; Kelly Wright; Scott Miller; Tim.Norman@Akana.us
Cc: Rob Hartman; David Heineck
Subject: EPA Comments on Remedial Action Work Plan - Revised Contractor's Construction Plan and CQC Plan

Jonathan

Thank you for the timely responses to the Addendums to the RAWP Appendices. Based on EPA's comments FMC will commence placement of the ET Cap in accordance with the partially approved Remedial Design Report and the Addendums to the RAWP on Monday October 19, 2015. In regards to EPA's response to specific comment Number 8, the approach for Quality Control and Quality Assurance testing is consistent with the approach provided in the partially approved Remedial Design Report as well as the approach utilized during the density testing for the gamma test cap studies. Strata (field geotechnical subcontractor that

performed in-situ density testing at test caps) did not observe any unusual response from their equipment and the measured moisture/densities were comparable to the lab testing derived moisture density curve. This test method is preferred by the construction team in that results are available in near real time versus a 4 hour delayed time. In addition, FMC reminds USEPA that sand cone testing (ASTM D1556), a method which was referenced in USEPA's comment response to Number 8, will be utilized at a frequency of one test per 20 in place nuclear density testing (ASTM D6938). Based on the results of previous in-place nuclear density testing performed on the site as well as the additional sand cone testing that will be performed during cover soil placement, FMC will move forward with ET cap placement using the specified QA/QC methods in the approved Remedial Design Report for the ET cap. Furthermore, if, during ET cap placement, the methods don't correlate, FMC will discuss further with the Agency.

Regards,
Marjo

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