To: Rodriguez, Dante[Rodriguez.Dante@epa.gov]; Dietrick McGinnis[dmcginnis@mcginnisandassociates.com]; Sarah Peters (peters@mcginnisandassociates.com)[peters@mcginnisandassociates.com]; Seter, David[Seter.David@epa.gov]; Dirscherl, Christopher[Dirscherl.Christopher@epa.gov]
From: Jeryl Gardner
Sent: Wed 4/6/2016 6:13:12 PM
Subject: RE: NRDA Call, EPA updates - Dante's notes
removed.txt

Thanks, Dante!

Great notes again, as usual!!!

Jeryl

Jeryl R. Gardner, P.E., C.E.M.

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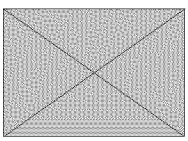

From: Rodriguez, Dante [mailto:Rodriguez.Dante@epa.gov]
Sent: Wednesday, April 6, 2016 10:56 AM
To: Dietrick McGinnis; Sarah Peters (peters@mcginnisandassociates.com); Jeryl Gardner; Seter, David; Dirscherl, Christopher
Subject: NRDA Call, EPA updates - Dante's notes

[I was able to capture detailed notes during Dave's OU1 discussion, but not during my own OU7 discussion. You guys can share these notes with whomever you like, as rough as they are.]

PARTICIPANTS: Greg Lovato (NDEP), Jasmine Mehta (NV AG0, John Callen, Cynthia Oceguera (WRPT), Ginny Hatch (YPT), John Krauss (BIA), Charlie Chenler, Dietrick McGinnis (McG&A), Robert St. Allmon, ?, Sarah Peters (McG&A), Randall Chass (WRPT), Brad O'Brien, Jeryl Gardner (NDEP), Dante Rodriguez (EPA), Chris Dirscherl (EPA), Dave Seter (EPA)

EPA, OU updates/status. Dave, OU1. John Krauss, BIA, tribal gw resource impacts, what is RI telling us in this regard? Critical piece of injury determination. Dave, maps of extent of mine-impacted gw, various indicators, reaches towards tribal land but not yet reached, per ARC, our experts conclude its difficult to say that it has impacted yet, eventually it would reach tribal lands, ARC modeler had said that it would reach tribal land but at levels below drinking water levels. Greg, re-drew lateral extent wider. Meeting on 29th, Reno, discussion groundwater, background, technical issues. Dietrick, looking at restoration or just containment? Dave, all options need look at, let science speak to implementability. All OUs will do FS-ROD process, currently working on schedule, coordinate with NDEP and ARC, should be able to complete RI in 6-12 months, 12-24 months for FS with goal to be quicker, proposed plan 2 years. Jeryl, had originally wanted final RI report September this year but doesn't look like it, but sometime in fall reasonable. Greg, looks like EPA may have enough information to start FS but may not be enough information to make natural resource damage determination up north, may be gap between what's needed for making remedy determination and what's needed for resource damage assessment, tracer data etc. Dietrick, may be different water type up there as well. John, had gotten from McGinnis that increasing uranium in deeper wells indicates likely impact from mine, additionally Wabuska Drain investigation will provide groundwater information. Dave, open to discussing other interpretations about fluctuations in uranium, alkalinity and calcium at edge of plume. Additional studies? Part of RI? Greg, is data enough to make remedy decision is question for EPA, which is different than knowing tracer information at edge of plume. Dietrick, EPA may not need the level of information that the NRDA issue needs, maybe looking at extending some of the EPA studies.

OU7: Dante, update. John, questions about borings etc. Jeryl, would support combination approach, phases but keep big picture in mind, move quickly from data results to decisions about next sampling locations. Agree. Dietrick, tribe has EPA funds to do some amount of sampling on tribal land, will proceed with that, EPA review/approval of plans needed, NDEP and ARC can review plans as well. Dante, schedule for RI, extent well into 2017.

YPT has two superfund grants and one NRDA grant, YPT funding sources. Brad, need RI before can do NR assessment.

John, schedule? Dave, UAO schedule needs to be refreshed. Dietrick, when see schedule? Dante, upcoming weeks timeframe. Greg, have better idea now of how long things take, earlier schedule didn't turn out to be realistic.

Dante Rodriguez

Remedial Project Manager

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