To: Rumrill, Nancy[Rumrill.Nancy@epa.gov]
Cc: Albright, David[Albright.David@epa.gov]
From: Rao, Kate
Sent: Wed 11/16/2016 3:03:55 PM
Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

OK thanks.

****
Kate Rao
Drinking Water Protection Section (WTR 3-2)
USEPA Region 9
75 Hawthorne St., San Francisco, CA 94105
tel: (415) 972-3533 / fax: (415) 947-3549

From: Rumrill, Nancy
Sent: Tuesday, November 15, 2016 4:45 PM
To: Rao, Kate <Rao.kate@epa.gov>
Cc: Albright, David <Albright.David@epa.gov>
Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

I think this is fine. I had one correction on the point of providing ADEQ comments to EPA. We already received the ADEQ comments and responses.

Thanks, Nancy

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United States Environmental Protection Agency

Nancy Rumrill (rumrill.nancy@epa.gov)

Drinking Water Protection Section (WTR-3-2)
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US EPA, Region IX

75 Hawthorne St.

San Francisco, CA 94105

Phone (415) 972-3293

From: Rao, Kate
Sent: Tuesday, November 15, 2016 2:07 PM
To: Albright, David <Albright.David@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>
Subject: FW: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Nancy/David – See attached for notes from the Excelsior call. Is this the level of detail you want/need? If this is too much, we should discuss. Want to make sure you are getting want you need.

Kate

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Kate Rao
Drinking Water Protection Section (WTR 3-2)
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75 Hawthorne St., San Francisco, CA 94105
tel: (415) 972-3533 / fax: (415) 947-3549

From: Jonathan Koplos [mailto:Jonathan.Koplos@cadmusgroup.com]
Sent: Tuesday, November 15, 2016 1:50 PM
To: Rao, Kate <Rao.kate@epa.gov>
Cc: Rumrill, Nancy <Rumrill.Nancy@epa.gov>; JAMES D WALKER
Ex. 6 - Personal Privacy
Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project

Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Kate,

Please find attached Jim's summary notes of the November 8 call with Excelsior.

Let us know if you have any questions.

Jonathan

Jonathan Koplos, Ph.D.

The Cadmus Group, Inc.

100 5th Avenue, Suite 100

Waltham, MA 02451

Ph. 617-673-7184

Cell 617-775-5789

www.cadmusgroup.com

From: Rao, Kate [mailto:Rao.kate@epa.gov]
Sent: Wednesday, November 02, 2016 1:19 PM
To: Jonathan Koplos <Jonathan.Koplos@cadmusgroup.com>
Cc: JAMES D WALKER <Ex. 6 - Personal Privacy> Albright, David <Albright.David@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>
Subject: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Jonathan – below is a new work initiation request under Contract No. EP-C-15-022, WA 1-90 for Excelsior. Please let me know if you have any questions. You have already confirmed that Jim will work on this project so I am cc'ing him on this email.

Nancy is the tech lead on this project and she will cc: you and me on all call logistics and tech review items.

See Task 5, section a. for info on upcoming call. I am still working out the logistics and will update you when I get more information.

Thanks. Kate

Contract No. EP-C-15-022, Workplan Assignment No. 1-90

R9 Tech Support for Implementation of the UIC Program – Excelsior Mining Company - Class III UIC Permit #R9UIC-AZ1-FY-16-1

Task 4 (Project Technical Reviews) & Task 5 (Consultation)

Technical Direction

Background: Excelsior Mining Company (Excelsior) has submitted a UIC area permit

application to operate a Class III ISR copper mining facility in Chochise County, AZ.

On 3/24/2016, we issued a TDM requesting a technical review of Excelsior's Class III permit application. Cadmus submitted technical review comments on 6/8/2016 (see attached: Comments on the Excelsior Mining Arizona Gunnison Copper Project_6-8-2016.docx). EPA utilized these comments to issue the attached Notice of Deficiency on 10/14/2016 to Excelsior. Excelsior has requested a conference call with EPA Region 9 to discuss the NOD.

Under Task 5 (Consultation), the contractor shall make available a staff person to consult, directly with EPA staff and/or on calls with EPA & applicant, on the Excelsior Class III permit application and supporting material.

- Material: Will be sent prior to call or discussed on call.
- Estimated LOE: Ex. 4 - CBI per call (includes prep time)
- Deliverable: Summary of consultation support -- noted in monthly progress report and if possible, within 5 working days of the conference call, send draft notes to EPA via email.

a. Call scheduled for Tuesday, November 8th from 8:30 am to 11:00 am. Pre-discussion and de-brief discussion may be requested (TBD) and will be organized by Nancy Rumrill as needed.

- Material to review: 6/8/2016 Cadmus comments and 10/14/2016 NOD.
- LOE: Ex. 4 - CBI (includes prep and calls)
- Deliverable: written summary of consultation provided on call.

Under Task 4 (Project Technical Review), the contractor shall provide technical review for revised/updated Excelsior Class III permit documentation and supporting material. The contractor shall incorporate any comments from EPA and shall provide a final draft to the EPA WACOR.

- Material: same as under Consultation Task and additional material as provided by the applicant.
- Estimated LOE: Ex. 4 - CBI per review.
- Deliverable: Prepare written comments in a format agreed upon when tech review is requested.

- Schedule: 1 – 2 weeks for each request unless noted otherwise.

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Kate Rao
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