Message

From: Owen, Colleen [COwen@mt.gov]
Sent: 3/16/2016 2:17:47 AM
To: Cirian, Mike [Cirian.Mike@epa.gov]
Subject: Re: CFAC Sediment Sampling
Attachments: removed.txt

Hi Mike:
I am traveling all week and won't have a decent chance to look at this until next week.
I'm hoping you heard back from Lisa instead?
Sorry about that-
Colleen
(406) 475-2671

From: Cirian, Mike <Cirian.Mike@epa.gov>
Sent: Monday, March 14, 2016 4:07 PM
To: Michael Ritorto
Cc: John.Stroiazzo@glencore-ca.com; Steve Wright - CFAC; Andrew Baris; DeWitt, Lisa; Owen, Colleen
Subject: RE: CFAC Sediment Sampling

Hello Michael,

This looks good to me. Let's document this for the record and verify it will meet our objectives once we take our "gaining stream" samples later this year. At that time we will evaluate that this did indeed meet our needs.

Lisa/Colleen, Any objections or comments?

Mike C.

Mike Cirian, PE
Libby On-site Project Manager
US EPA
108 East 9th Street
Libby, MT 59923
(406) 293-6194 Office

From: Michael Ritorto [mailto:mritorto@rouxinc.com]
Sent: Monday, March 14, 2016 3:45 PM
To: Cirian, Mike <Cirian.Mike@epa.gov>
Cc: John.Stroiazzo@glencore-ca.com; Steve Wright - CFAC <swright@cfaluminum.com>; Andrew Baris <abaris@rouxinc.com>; lidewitt@mt.gov; cowen@mt.gov
Subject: CFAC Sediment Sampling

Mr. Cirian,

Roux Associates, on behalf of Columbia Falls Aluminum Company (CFAC), is continuing to plan/coordinate the field activities associated with the Phase I Site Characterization Scope of Work described in the CFAC RI/FS Work Plan and Sampling and Analysis Plan (Work Plan and SAP, respectively). Roux Associates has prepared this email correspondence to notify the USEPA of a proposed schedule change to the sediment sampling Scope of Work. The Work Plan states:

"Seasonal conditions will be taken into account when collecting sediment samples. It is anticipated the sediment sampling activities will be performed in spring conditions when river stage is at a low level and such that the Flathead River is most likely acting as a gaining stream"

Upon further consideration, Roux Associates believes it makes the most sense to collect sediment samples in the late summer / early Fall (Sept/October), for the following reasons:

- Roux Associates reviewed current discharge data and historical data trends from the USGS station located on the Flathead River near Columbia Falls (#12363000). This data suggests that river level and river discharge is currently rising and will continue to rise through the end of March/early April. Field activities are scheduled to begin in the first week in April, when conditions in the river may no longer be at the lowest levels. However, historical data trends indicate that the river levels typically return to the lowest levels in the late Summer / early Fall, and thus the river is anticipated to be acting as a gaining stream at that time.
- Roux Associates has planned to complete the Screening Level Ecological Risk Assessment (SLERA) in late April/early May. Roux Associates sees value in obtaining the results of these field activities prior to collecting the sediment samples because the results may help pinpoint the best locations and/or additional locations to collect samples.
- If sediment samples are collected in the late Summer / early Fall, they will coincide with the first groundwater/surface water sampling events, allowing for a synoptic view of conditions across the Site.

Please let us know if you concur with the proposed sediment sampling schedule. Please contact me at the number/email below if you have any questions regarding this correspondence.

Michael Ritorto
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