To: Lombardi, Marc[Marc.Lombardi@amecfw.com]; Brown, Anthony R (RM)[anthony.brown@bp.com]; Doug Carey[douglas.carey@waterboards.ca.gov]; Stetler, Chris@Waterboards[Chris.Stetler@waterboards.ca.gov]
Cc: Greg Reller[gr@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Chang, Kay SPK[Kay.Chang@usace.army.mil]
From: Deschambault, Lynda
Sent: Mon 5/1/2017 3:13:11 PM
Subject: RE: Leviathan Mine - RIFS Three Week Field Schedule Projection 5-1-17 to 5-19-17

Could you please provide an update and additional detail and planning regarding "activity may be delayed because of health and safety considerations due to the slope movement above/east of Pond 4"

Lynda

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Monday, May 01, 2017 7:52 AM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Brown, Anthony R (RM) <anthony.brown@bp.com>; Greg Reller <gr@burlesonconsulting.com>; Koger, Cory S SPK <Cory.S.Koger@usace.army.mil>; Delaney, Douglas SPK <Douglas.J.Delaney@usace.army.mil>; Carey, Douglas@Waterboards <douglas.carey@waterboards.ca.gov>; Stetler, Chris@waterboards.ca.gov <Chris.Stetler@waterboards.ca.gov>; Zentner, Taylor@Waterboards <taylor.zentner@waterboards.ca.gov>; Cohen, Adam <Adam.Cohen@dgslaw.com>; Sandy Riese <sriese@ensci-inc.com>; Dave McCarthy <dave.mccarthy@copperenv.com>; Jones, Britt <Britt.Jones@amecfw.com>; Jefferson, Jill <Jill.Jefferson@amecfw.com>; phil thompson <philthompson705@gmail.com>; Parrish, Kent <Kent.Parrish@amecfw.com>; jboucher@broadbentinc.com; andy.slavik@copperenv.com; Abby Cazier <abby.cazier@copperenv.com>; Lombardi, Lynda <Lynda.Lombardi@amecfw.com>; Floyd, Larry W. <Larry.Floyd@amecfw.com>; Grant Ohland - (gohland@ohlandhydrogeo.com) <gohland@ohlandhydrogeo.com>; Riley, Gary <riley.gary@epa.gov>; tavassoli, lily <tavassoli.lily@epa.gov>
Subject: Leviathan Mine - RIFS Three Week Field Schedule Projection 5-1-17 to 5-19-17

Lynda,

The following is Atlantic Richfield's updated three-week schedule projection for

Remedial Investigation/Feasibility Study (RI/FS) activities at the Leviathan Mine.

Week of 5/1/16

- Monday through Friday – Continue collection of surface water samples and flow measurement in the Downstream and On-Property Study Areas

- Monday through Thursday – Continue snow melt sample collection (pending safe access to each of the station locations)

- Tuesday through Friday – Collect water samples from the Upper Ponds (Ponds 1, 2N and 2S) in preparation for the Interim Combined Treatment Field Demonstration (this activity may be delayed because of health and safety considerations due to the slope movement above/east of Pond 4)

- Monday through Friday – Scout access trails to various sampling/monitoring locations and perform trail maintenance and repairs as needed

Week of 5/8/17

- Monday through Friday – Continue collection of surface water samples and flow measurement in the On-Property Study Area

- Tuesday – Collect manual water level measurements from monitoring wells and piezometers without transducers installed

- Wednesday through Friday – Download data from transducers installed in monitoring wells and piezometers

- Tuesday and Wednesday – Perform bi-weekly maintenance at the On-Property storm water stations

- Tuesday through Friday – Begin revegetation performance monitoring at each of the three revegetation plots (a portion of this activity may be delayed because of health and safety considerations due to the slope movement above/east of Pond 4)

- Thursday – Survey MW-48 (tentative, pending subcontractor availability)

Week of 5/15/16

- Monday through Friday – Measure field parameters and flow from various seeps observed around the On-Property Study Area

- Monday and Tuesday – Collect surface water samples from the five AD sources

- Wednesday through Thursday – Download data from transducers installed in drive point piezometers and surface water monitoring locations for the surface water/groundwater interaction investigation in Lower Leviathan Creek

- Monday through Friday – Continue revegetation performance monitoring at each of the three revegetation plots

- Tuesday through Friday – Collect groundwater samples from the Reference and Perimeter monitoring wells installed in 2016.

- Tuesday through Wednesday – Perform geophysical surveys (seismic refraction and electrical resistivity profiling) for the surface water/groundwater interaction investigation in Upper Leviathan Creek (tentative pending U.S. EPA approval of the On-Property FRI Work Plan Amendment No. 11, Supplement No 1 – TSAP for Surface Water/Groundwater Interaction at Upper Leviathan Creek, subcontractor availability, and health and safety considerations due to the slope movement above/east of Pond 4)

Please note: this schedule is subject to change based on the actual field implementation time, weather conditions, and contractor availability that may cause delays.

Should you have any questions or comments please contact Tony Brown at (657) 529-4537 or anthony.brown@bp.com.

Thanks,

Marc

Marc R. Lombardi, CEM, PG

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