To: Brown, Anthony R (RM[anthony.brown@bp.com]
Cc: Black, Ned[Black.Ned@epa.gov]; Cale Pete[Cale.Pete@washoetribe.us]; Cory Koger[Cory.S.Koger@usace.army.mil]; Dana Barton[Barton.Dana@epa.gov]; Darrel Cruz 2[Darrel.Cruz@washoetribe.us]; David Friedman[dfriedman@ndep.nv.gov]; Doug Carey[douglas.carey@waterboards.ca.gov]; Fred K[fredk@aeseinc.com]; Gary Riley[Riley.Gary@epa.gov]; Greg Reller[gr@burlesonconsulting.com]; Joshua Wirtschafter (Wirtschafter.Joshua@epa.gov)[Wirtschafter.Joshua@epa.gov]; Ken Maas[kmaas@fs.fed.us]; Lombardi, Marc (marc.lombardi@amecfw.com)[marc.lombardi@amecfw.com]; Norman Harry[Norman.Harry@washoetribe.us]; Patty Cubanski[pc@burlesonconsulting.com]; Scott Fergusen[scott.ferguson@waterboards.ca.gov]; Serda, Sophia[Serda.Sophia@epa.gov]; Steve Hampton[Steve.Hampton@wildlife.ca.gov]; Thomas Maurer[thomas_maurer@fws.gov]; Toby McBride[toby_mcbride@fws.gov]
From: Deschambault, Lynda
Sent: Thur 7/27/2017 11:49:51 PM
Subject: EPA Acceptance Letter Reference Area Work Plan Revision No. 1
EPA comments on Jan 2017 Reference Work Plan_02.16.17.pdf
EPA Acceptance April 2017 Reference Work PlanRevision1_07.27.17.pdf

Dear Mr. Brown,

The US Environmental Protection Agency (EPA) has reviewed Atlantic Richfield's April 20, 2017 Final Reference Area Work Plan, Revision No. 1, Leviathan Mine Site, Alpine County, California.

This work was submitted to EPA pursuant to Administrative Order for Remedial Investigation and Feasibility Study, Leviathan Mine, Alpine County, California (CERCLA Docket No. 2008-

18, June 23, 2008).

EPA has completed its review of this document, finds that the ARC responses EPA comments are adequate, and approves this document with the following comments to be incorporated.

- EPA understands that the requested reconnaissance mapping planned for the area above the Leviathan Mine Site will be completed this season. Please ensure that the stream reaches identified are sampled; and the data collected is fully considered in the draft Remedial Investigation.

- EPA has reviewed the Reference Area calculation of Reference Threshold Values

(RTVs). EPA does not support the use of the upper simultaneous limit (USL) statistic to represent the Reference Threshold Value (RTV). The USL is the upper boundary of the largest value calculated so that all observations in a dataset are less than or equal to the USL, which means RTVs would be higher than the maximum value of a data set. Also, note that The Pro UCL manual referenced is a useful source of information on how to use the software, and technical explanations of statistical tests, but should not be considered EPA policy or guidance. Please utilize the 95th percentile or 95% Upper Tolerance Limit (UTL) using the appropriate method based on the data distribution.

If you have any questions, please feel free to contact me at (415) 947-4183 or Deschambault.lynda@epa.gov.

Best Regards,

Lynda Deschambault

Environmental Scientist

USEPA Region 09

(415) 947-4183

Please be advised I may have limited access to email , therefore please be patient with any communication delays.

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Thursday, April 20, 2017 06:22 PM
To: Lynda Deschambault (deschambault.lynda@epa.gov) <deschambault.lynda@epa.gov>
Cc: Brown, Anthony R (RM) <anthony.brown@bp.com>; Gary Riley (riley.gary@epa.gov)

<riley.gary@epa.gov>; Hillenbrand, John <Hillenbrand.John@epa.gov>; DCarey@waterboards.ca.gov; Block, Nathan <Nathan.Block@bp.com>; Cohen, Adam <Adam.Cohen@dgslaw.com>; Sandy Riese <sriese@ensci-inc.com>; Grant Ohland - (gohland@ohlandhydrogeo.com) <gohland@ohlandhydrogeo.com>; Dave McCarthy <dave.mccarthy@copperenv.com>; Koger, Cory S SPK <Cory.S.Koger@usace.army.mil>; Greg Reller <gr@burlesonconsulting.com>; Ken Maas <kmaas@fs.fed.us>; Michelle Hochrein (michelle.hochrein@washoetribe.us) <michelle.hochrein@washoetribe.us>; Fred E. Kirschner (fredk@aeseinc.com) <fredk@aeseinc.com>; Jefferson, Jill <Jill.Jefferson@amecfw.com>; Lombardi, Lynda <Lynda.Lombardi@amecfw.com>
Subject: Leviathan Mine Site - Response to Comments and Final Reference Area Focused Remedial Investigation Work Plan Revision No. 1

Lynda,

On behalf of Atlantic Richfield, Amec Foster Wheeler is submitting:1) response to comments provided by the U.S. Environmental Protection Agency (U.S. EPA) regarding the Final Reference Area Work Plan dated January 19, 2017, and 2) the Final Reference Area Focused Remedial Investigation Work Plan, Revision 1, Leviathan Mine Site, Alpine County, California.

This document has been loaded to the Leviathan Mine SharePoint. Because of the extensive size of the appendices, we cannot create a single pdf of the document. Instead we have created a single pdf that contains the transmittal letter, responses to comments, text, tables, and figures. Each appendix is provided in a separate folder.

Hard copy to follow.

This notification is to inform you of folders/documents stored on this site. Click here to directly access the folder where these folders/documents are stored. Click on the links below to access each folder/document individually:

Title	Folder/File
Appendix A - 2015 HSSE Prog and TSHASP	Appendix A - 2015 HSSE Prog and TSHASP
Appendix B - Reference Area DQOs	Appendix B - Reference Area DQOs
Appendix C - Initial Activities	Appendix C - Initial Activities
Appendix D - Pit Eval	Appendix D - Pit Eval
Appendix E - SAP	Appendix E - SAP

170420 Final Rev 1_Compiled Part 1.pdf
170420 Final Rev 1_Compiled Part 2.pdf

If 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

Principal Geologist / Office Manager, Environment & Infrastructure Americas, Amec Foster Wheeler

10940 White Rock Road, Suite 190, Rancho Cordova, CA 95670, USA

D (916) 853-8903 M (916) 302-6326

marc.lombardi@amecfw.com amecfw.com

amec foster wheeler

This message is the property of Amec Foster Wheeler plc and/or its subsidiaries and/or affiliates and is intended only for the named recipient(s). Its contents (including any attachments) may be confidential, legally privileged or otherwise protected from disclosure by law. Unauthorised use, copying, distribution or disclosure of any of it may be unlawful and is strictly prohibited. We assume no responsibility to persons other than the intended named recipient(s) and do not accept liability for any errors or omissions which are a result of email transmission. If you have received this message in error, please notify us immediately by reply email to the sender and confirm that the original message and any attachments and copies have been destroyed and deleted from your system. If you do not wish to receive future unsolicited commercial electronic messages from us, **please forward this email to:** unsubscribe@amecfw.com **and include "Unsubscribe" in the subject line**. If applicable, you will continue to receive invoices, project communications and similar factual, non-commercial electronic communications.

Please click http://amecfw.com/email-disclaimer for notices and company information in relation to emails originating in the UK, Italy or France.