RI/FS DOCUMENT / MEETING SUMMARY
Updated through August 11, 2017
Leviathan Mine Site
Alpine County, California

Date	Date Submitted by Atlantic Richfield	Date Submitted by EPA	EPA Requested Due Date	Atlantic Richfield Estimated Submittal Date	Work Plan / Document	Amendment / Addendum / Revision No. or Topic	Author	Recipient	Item	Atlantic Richfield Status	US EPA Status	US EPA Comment	Atlantic Richfield Comment
Administrative Order													
12/23/08					UAO	NA	US EPA	Atlantic Richfield	Response to Comments and Requests for Clarifications Atlantic Richfield's, Notice of Intent to Comply letter dated July 23, 2008, Administrative Order for Remedial Investigation and Feasibility Study, Leviathan Mine, Alpine County, California, CERCLA Docket No. 2008-18	Received			
07/23/08					UAO	NA	Atlantic Richfield	US EPA	Notice of Intent to Comply with Administrative Order	Submitted			
06/23/08					UAO	NA	US EPA	Atlantic Richfield	Administrative Order for RI/FS, Leviathan Mine, Alpine County, California: US EPA Region IX, CERCLA Docket No. 2008-18	Received			
Data Quality Objectives													
08/14/15	08/14/14		08/10/15		On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Response to US EPA and LRWQCB Comments on the Revised Data Quality Objectives for the On-Property and Reference Study Areas and Updated Cross-Reference Matrix Table	Submitted	Provided comments with 11/21/16 comments on QAPP		
07/10/15					On-Property / Off-Property / Reference	NA	US EPA	Atlantic Richfield	EPA Comments on Revised Data Quality Objectives for the On-Property and Reference Area Study Areas and Updated Cross Reference Matrix Table, Leviathan Mine Site, Alpine County, California prepared by Atlantic Richfield, dated February 28, 2015	Received		EPA directs Atlantic Richfield to respond to EPA comments and to ensure a comprehensive review, please include an item by item written response to address these comments, as well as comments in EPA's December 26, 2012 and November 14, 2014 letters within 30 days or by August 10, 2015.	Finds submittal to be incomplete. Provides clarification on intent of previous requests regarding master list of DQOs and crosswalk table. Instructs ARC to fully consider LRWQCB and Washoe Tribe comments.
02/28/15					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Revised Data Quality Objectives for the On-Property and Reference Area Study Areas and Updated Cross-Reference Matrix Table	Submitted			Response to US EPA 11/14/14 comments
02/28/15					Reference	NA	Atlantic Richfield	US EPA	Revised Reference Area DQOs	Submitted			Submitted with Draft Final Reference Area FRI Work Plan
11/14/14					On-Property / Off-Property / Reference	NA	US EPA	Atlantic Richfield	Comments on Technical Memorandum: Current Data Quality Objectives and Leviathan Mine FRI Work Plan Cross Reference Matrix	Received			
09/05/14					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Technical Memorandum: Compilation of Data Quality Objectives and Cross Reference Matrix	Submitted			
06/28/13					Off-Property	NA	Atlantic Richfield	US EPA	Revised Off-Property DQOs	Submitted			Submitted with Revised Off-Property FRI Work Plan Addendum No. 2
12/26/12					Off-Property	NA	US EPA	Atlantic Richfield	Review and Comments on Draft DQOs Submittal dated November 19, 2012; Direction to Prepare and Submit Revised Off-Property FRI Work Plan	Received			
11/19/12					Off-Property / Reference	NA	Atlantic Richfield	US EPA	Revised DQO Summary Tables for On-Property and Reference Study Areas	Submitted			
09/05/12					On-Property / Off-Property / Reference	NA	Atlantic Richfield	US EPA	Technical Workshop - DQOs	Conducted			September 5 and 6, 2012
05/13/10					DQO Report	NA	US EPA	Atlantic Richfield	Programmatic DQOs (transmitted with 5/13/10 approval of PWP)	Received			
04/23/09					DQO Report	NA	US EPA	Atlantic Richfield	Approval with Comments for Leviathan Mine DQOs Report Submitted October 2008, and Direction to Prepare RI/FS Work Plan Pursuant to Administrative Order for RI/FS	Received			
10/21/08					DQO Report	NA	Atlantic Richfield	US EPA	Draft Data Quality Objectives Report: RI/FS	Submitted	Approved with comments on 4/23/09		
Program Work Plan													
8/4/2017		8/4/2017			Program	QAPP	US EPA	Atlantic Richfield	Leviathan PE results for stormwater analyses	Received		Please let us know if there have been any QAPP updates, including any necessary revisions to the DQOs and the CSM. EPA is currently reviewing the data summary report and Leviathian database; and will provide comments.	
07/10/17	07/10/17				Program	QAPP	Atlantic Richfield	US EPA	Leviathan Mine Site - 2017 PE Sample Results, Groundwater	Submitted			Email to provide results of EPA's PE samples.
06/13/17	06/13/17				Program	QAPP	Atlantic Richfield	US EPA	Leviathan Mine Site - 2017 PE Sample Results, Surface Water	Submitted			Email to provide results of EPA's PE samples.
06/12/17	06/12/17				Program	QAPP	Atlantic Richfield	US EPA	Leviathan Mine Site - PE Stormwater/Snowmelt 2017	Submitted			Email to provide results of EPA's PE samples.

	06/06/17	06/06/17				Program	QAPP	Atlantic Richfield	US EPA	Results for surface water testing - Leviathan Mine - Work Order 1604061	Submitted			Email to provide results of EPA's split samples for Storm Water/Snowmelt Monitoring
	05/30/17	05/30/17				Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on QAPP and Data Validation	Received		Transmits concern that ARC is doing more review than necessary and attaches excerpt from QAOO that describes levels of validation. Requests clarifying information and suggests a call with ARC and laboratory to discuss how EPA can assist in streamlining the process. "We'd hate to think ARC is doing more review than is necessary."	
	5/8/2017		5/8/2017			Program	QAPP	US EPA	Atlantic Richfield	EPA Approval of Atlantic Richfield Company (ARC) Final Revised RI/FS Quality Assurance Plan (QAPP); revision 2 for the Leviathan Mine Site in Alpine County, California; dated January 27, 2017	Received		EPA directs ARC to implement the quality control procedures identified in the QAPP for all data. Further, ARC shall ensure, at a minimum, that each annual QAPP update includes any necessary revisions to the Data Quality Objectives and the CSM with a clear written statement that these have been reviewed and updated or remains unchanged. That shall be explicitly identified in the annual QAPP update.	
	1/27/2017	1/27/2017				Program	QAPP	Atlantic Richfield	US EPA	RI/FS Quality Assurance Project Plan Revision No. 2 [Final]	Submitted	Approved on 5/8/17		Submitted with line-by-line response to U.S. EPA's comments dated 11/21/16
	11/21/16		11/21/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield Company (ARC) Final Revised RI/FS Quality Assurance Project Plan (QAPP), Revision 1 for the Leviathan Mine Site in Alpine County, California; dated June 17, 2016,;Updated Project Database dated June 30, 2016; and the DQOs response from ARC dated August 14, 2015	Received		EPA conditionally approved the QAPP dated June 17, 2016; provided EPA comments are addressed. EPA's conditional approval remains in place. Within 60 days, or by January 21, 2017, EPA directs ARC to provide a line-by-line response to these comments and submit a revised Final Updated Quality Assurance Project Plan (QAPP) and Data Management Plan that incorporates the Database, the DQOs and the Conceptual Site Model incorporating these changes.	
	11/01/16	11/01/16				Program	QAPP	Atlantic Richfield	US EPA	Response to EPA comments on PE Samples	Submitted			Email; discussed with US EPA via telephone on 11/8/16
	10/24/16		10/24/16			Program	QAPP	US EPA	Atlantic Richfield	EPA comments on PE Samples	Received			Email
	06/17/16	06/17/16		05/27/16		Program	QAPP	Atlantic Richfield	US EPA	Remedial Investigation/Feasibility Study Quality Assurance Project Plan, Revision No. 1 [Final]	Submitted	Conditionally approved on 11/21/16		Includes line-by-line response to 04/28/16 comments. Includes complete set of DQOs as of submittal date.
	04/28/16		04/28/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield RI/FS Quality Assurance Project Plan (QAPP), Revision No. 1 for the Leviathan Mine Site in Alpine County, California; dated March 9, 2016	Received		EPA conditionally approves this QAPP dated March 9, 2016. Within 30 days, EPA directs ARC to provide a line by line response to these comments and submit a revised Final Updated Quality Assurance Project Plan (QAPP) and Data Management Plan that incorporates these changes, along with an updated schedule that incorporates the data usability process EPA has outlined.	
	03/09/16	03/09/16		03/09/16		Program	QAPP	Atlantic Richfield	US EPA	RI/FS Quality Assurance Project Plan, Revision No. 1	Submitted	Conditionally approved on 4/28/16		Includes line-by-line response to 02/09/16 comments.
	02/09/16		02/09/16			Program	QAPP	US EPA	Atlantic Richfield	EPA Comments on Atlantic Richfield RI/FS Quality Assurance Project Plan (QAPP), Revision 1 for the Leviathan Mine Site in Alpine County, California	Received		Within 30 days, or by March 9, 2016, EPA directs ARC to provide a line by line response to these comments and submit a revised Updated Quality Assurance Project Plan (QAPP) that incorporates these changes, along with an updated schedule that incorporates the data usability process EPA has outlined.	
	02/05/16	02/05/16				Program	QAPP	Atlantic Richfield	US EPA	Draft Annotated Revised QAPP TOC and Crosswalk	Submitted			Email; attached files are dated 01/27/16.
	01/14/16		01/14/16			Program	QAPP	US EPA	Atlantic Richfield	EPA initial comments on the QAPP and Data Quality Discussions	Received			Email
	12/14/15	12/14/15				Program	QAPP	Atlantic Richfield	US EPA	Quality Assurance Project Plan, Revision 1	Submitted	Comments received 1/14/16 and 2/9/16		Requested by US EPA in 04/01/15 technical meeting to discuss data usability.
	05/13/10					Program	PWP	US EPA	Atlantic Richfield	Approval with Comments and Direction to Implement 2009 Draft Program Work Plan and Addendum for RI/FS	Received			
	02/26/10					Program	PWP	US EPA	Atlantic Richfield	Schedule for US EPA Comments on 2009 Draft Program Work Plan and Addendum for RIFS	Received			Letter dated 2009, but should be 2010.
	11/16/09					Program	Addendum 1	Atlantic Richfield	US EPA	Addendum No. 1 to 2009 Draft Program Work Plan for RI/FS	Submitted			

	10/15/09					Program	PWP	US EPA	Atlantic Richfield	Comments on 2009 Draft Program Work Plan for Remedial Investigation and Feasibility Study at Leviathan Mine Site, Alpine County, California, July 2009	Received		Directs ARC to modify and/or supplement the 2009 PWP. EPA does not expect that the entire draft document will be rewritten. To facilitate implementation of RI/FS tasks in early 20101, EPA directs revisions to be submitted for EPA review no later than 30 days from receipt of this letter.	
	07/10/09					Program	PWP	Atlantic Richfield	US EPA	Draft RI/FS Program Work Plan	Submitted	Approved on 5/13/10		
	03/27/17		03/27/17			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	Email - RE: Lab Method For Fish	Received		In EPA comments dated August 12, 2016; EPA requested: : "Please provide a written report to EPA within 90 days of completion of field work" EPA would like a summary and to receive the results of the fish sampling data collected in 2016.	Reporting will be conducted as stated in the January 17, 2017 management meeting and as reiterated in Atlantic Richfield's March 3, 2017 and June 19, 2017 letters.
	08/24/16		08/24/16			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	Email FW: NED OK WITH THIS?EPA Conditional Approval on the Fish Sampling TSAP	Received		EPA would like a summary and to receive the results of the fish sampling data collected in 2016.	
	08/23/16	08/23/16				On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	Email RE: EPA Conditional Approval on the Fish Sampling TSAP	Submitted	Concurred in email on 8/24/16		Responds to US EPA comments on sampling schedule. Response to reporting schedule submitted in a separate letter on 9/9/16.
	08/12/16		08/12/16			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	EPA Comments ARC Response to Comments (RTC) of Draft On-Property, Off-Property Area, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Investigation (Draft Final), Leviathan Mine Site, Alpine County, California, Leviathan Mine Site, Alpine County, California, Dated June 13, 2016 [sic]	Received		EPA conditionally approves this document, provided these comments are addressed and incorporated as described. The work outlined in this TSAP should be completed during the 2016 field season. EPA requests that the sampling occur in late September. PA requests timely notification of EPA of when ARC anticipates commencing the work. Please provide a written report to EPA within 90 days of completion of field work.	
	06/13/16	06/13/16		06/13/16		On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property Area, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Investigations [Draft Final]	Submitted	Conditionally approved on 8/12/16		Before proceeding with specimen collection, Atlantic Richfield Company is requesting (in Appendix D, Section 4.0) that the U.S. EPA provide written confirmation that the work described in this TSAP is exempt from state and federal permit requirements under CERCLA § 121(e) and that no further consultation with the U.S. Fish and Wildlife Service is required under the Endangered Species Act.
	05/13/16		05/13/16			On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	EPA comments on Draft On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans—Task Sampling and Analysis Plan for Fish Investigation, Leviathan Mine Site, Alpine County, California, dated February 5, 2016	Received		Requests line-by-line RTC and revised and updated SAP within 30 days.	
	02/05/16	02/05/16		11/13/15 01/29/16	11/13/16 extension request; 02/05/16 per 1/27/16	On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property, and Reference Area FRI Work Plans - Task Sampling and Analysis Plan for Fish Surveys and Sampling [Draft]	Submitted			11/13/16 letter to request extension to 01/29/16; 01/27/16 email to inform need additional week to 02/05/16
	12/08/15		12/08/15			On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	US EPA Response to Request for Schedule Extension for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Received; responded via email on 12/10/15		US EPA indicates not opposed as long as does not impact RI/FS schedule and its RI and Risk Assessment.	Atlantic Richfield responded via email on 12/10/15 explaining rationale for timing of field activities and submittal date for work plan. Further discussed during 12/10/15 quarterly technical meeting.
	11/13/15	11/13/15				On-Property, Off-Property, and Reference	Fish TSAP	Atlantic Richfield	US EPA	Request for Schedule Extension for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Submitted			Requests extension to 1/29/16; need additional time to review and evaluate previous investigation results.
	10/13/15		10/13/15	11/13/15	Requested extension to 01/29/16	On-Property, Off-Property, and Reference	Fish TSAP	US EPA	Atlantic Richfield	Request for Fish Sampling Work Plan On-Property, Off-Property, and Reference Area Focused Remedial Investigation Work Plans	Received			Requested in US EPA's 10/13/15 letter transmitting comments on the Final BHHRA Work Plan.
	03/21/17		03/21/17			On-Property, Off-Property, and Reference	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA Approval of the Final On-Property, Off-Property, and Reference Area Focused Remedial Investigation (FRI) Work Plan – Plant and Habitat-Related Soil Investigations, Leviathan Mine Site, Alpine County, California; dated April 8, 2016	Received		EPA approved the April 8, 2016 response to comments and Final work plan and finds that ARC has adequately addressed EPA comments. On or before May 30 2017; EPA directed ARC to prepare a plant sampling data summary that fully identifies the plants sampled, sample locations, and associated analytical results.	Reporting will be conducted as stated in the January 17, 2017 management meeting and as reiterated in Atlantic Richfield's March 3, 2017 and June 19, 2017 letters.
	09/09/16	09/09/16				On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Supplement Plant Data Collection	Submitted			Informed US EPA of additional plant data collection (mass and total/inorganic arsenic for three leafy greens) to be performed in late 2016.
	04/08/16	04/08/16		04/09/16		On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	On-Property, Off-Property Area, and Reference Area FRI Work Plans – Plant and Habitat-Related Soil Investigations [Final]	Submitted	Approved on 3/21/17		Submitted with line-by-line response to 03/06/16 comments.

	03/09/16		03/09/16			On-Property, Off-Property, and Reference	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA comments on the Progress Report and Response to Comments on the Draft Final On-Property, Off Property and Reference Area Focused Remedial Investigation (FRI) Work Plan – Plant and Habitat-Related Soil Investigations, Leviathan Mine Site, Alpine County, California; dated November 16, 2015	Received		EPA directs ARC to provide a line-by-line response to these comments and also provide a revised and updated SAP within thirty (30) days or by April 9, 2016. This field work should begin as soon as the 2016 Field activity season can be underway.	
	11/16/15	11/16/15		11/16/15		On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Progress Report and Response to Comments on the Draft Final On-Property, Off Property and Reference Area Focused Remedial Investigation Work Plan – Plant and Habitat-Related Soil Investigations	Submitted	Directed work to proceed on 3/9/16		
	10/16/15		10/16/15	RTC by 11/16/15		On-Property, Off-Property, and Reference	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA Comments on the June 19, 2015 Draft Final On-Property, Off Property and Reference Area Focused Remedial Investigation Work Plan - Plant and Habitat-Related Soil Investigations, Leviathan Mine Site, Alpine County, California	Received		EPA directs ARC to provide a full report and copy of the presentation from September 22nd with any formal requests for changes presented in a formal report, and please provide a written response comment [sic] within 30 days or by November 16, 2015.	
	06/19/15	06/19/15				On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US EPA	Draft Final On-Property, Off-Property Area, and Reference Area FRI Work Plans – Plant and Habitat-Related Soil Investigations	Submitted			
	06/02/15					On-Property, Off-Property, and Reference	Plant/Soil TSAP	Atlantic Richfield	US Forest Service	Notification of Plant Collection Activities Within the Humboldt-Toiyabe National Forest	Submitted			
	05/18/15				US EPA requests written response within 30 days or by 6/19/15	On-Property & Off-Property	Plant/Soil TSAP	US EPA	Atlantic Richfield	EPA Comments on two separate submittals: the March 20, 2015 Technical Memorandum; Habitat Surveys, Plant Species, and Study Design for Plant Sampling, and the April 7, 2015 On Property FRI Work Plan and Off Property Area FRI Work Plan Plant and Habitat-Related Soil Investigations	Received			
	04/07/15					On-Property & Off-Property	Plant/Soil TSAP	Atlantic Richfield	US EPA	On-Property FRI Work Plan and Off-Property Area FRI Work Plan - Plant and Habitat-Related Soil Investigations	Submitted			
	04/18/17		04/18/17			On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on Atlantic Richfield (ARC) Proposed 2017 Snowmelt Runoff Monitoring program and requested Modifications to the Evaporation Pan Monitoring Program; Leviathan Mine Site, Alpine County, California, dated April 6, 2017	Received		EPA approves the ARC snowmelt monitoring plan, and concurs with removal of the evaporation pan, and requests that ARC access the site and install the sampling equipment as early in April as possible.	
	04/06/17	04/06/17				On-Property	Optimization	Atlantic Richfield	US EPA	Proposed 2017 Snowmelt Runoff Monitoring and Modifications to Evaporation Pan Monitoring Program	Submitted	Approved on 4/18/17		Requested expedited approval of the recommended modifications. Based on current long range forecast, equipment re-installation and snowmelt monitoring would begin in approximately late April or early May 2017.
	03/28/17		03/28/17			On-Property	Optimization	US EPA	Atlantic Richfield	Email: Surface water and Storm water Monitoring	Received		EPA requests that ARC provide a summary table of samples to be collected, figure showing sample locations, and to implement snowmelt monitoring at the locations indicated within 14 days or by April 11 and surface water monitoring within the next 40 days or by May 10.	
	02/08/16		02/08/16			On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on the Atlantic Richfield Response to US EPA September 11, 2015 Comments on Optimization of Select On-Property Monitoring, dated October 12, 2015	Received		Concurs with optimization	
	10/12/15	10/12/15		10/12/15		On-Property	Optimization	Atlantic Richfield	US EPA	Response to U.S. EPA September 11, 2015 Comments on Optimization of Select Monitoring Programs	Submitted			
	09/11/15		09/11/15	RTC by 10/12/15		On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on the Atlantic Richfield Response to U.S. EPA Comments on Optimization of Select On-Property Monitoring, dated April 24, 2015	Received		EPA concurs with the ARC response, but always retains the right to require more intensive monitoring in the future. Please provide a written response to provide [sic] the request [sic] summary tables and figures within thirty (30) days or by October 12, 2015.	
	04/24/15					On-Property	Optimization	Atlantic Richfield	US EPA	Response to U.S. EPA Comments on Optimization of Select On-Property Monitoring Programs	Submitted	Concurred with responses on 9/11/15.		
	03/26/15					On-Property	Optimization	US EPA	Atlantic Richfield	EPA comments on Proposed Optimization of Select On-Property Monitoring Programs, letter dated February 4, 2015	Received		EPA finds that ARC responded with the requested information, and concurs with the optimization of select On Property Monitoring efforts, but always retains the right to require more intensive monitoring in the future.	
	02/04/15					On-Property	Optimization	Atlantic Richfield	US EPA	Optimization of Select On-Property Monitoring Programs [in 2014]	Submitted	Concurred on 2/8/16		
	06/17/14					On-Property	Optimization	Atlantic Richfield	US EPA	Technical Meeting: Optimization of Monitoring Programs and 2014 Field Priorities	Conducted			
	10/13/15					On-Property	Drilling	Atlantic Richfield	US EPA	RE: EPA Comments to ARC request for US EPA to reconsider Letter of August 14, 2015 Requesting Continuation of RI/FS Drilling Program in 2015	Received		E-mail response to 10/06/15 letter; concurs that should proceed with both reference boreholes and complete LOC-34 as weather permits and drilling equipment is available.	

	10/06/15					On-Property	Drilling	Atlantic Richfield	US EPA	Response to US EPA Email Correspondence of September 28, 2015 Regarding Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted	Concurred on 10/13/15		US EPA responded by e-mail on 10/13/15.
	09/28/15					On-Property	Drilling	US EPA	Atlantic Richfield	EPA Comments to ARC Request for U.S. EPA to Reconsider Letter of August 14, 2015 Requesting Continuation of RI/FS Drilling Program in 2015	Received			E-mail
	09/18/15					On-Property	Drilling	Atlantic Richfield	US EPA	Response to US EPA Letter of August 14, 2015 Regarding Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted			E-mail
	09/08/15					On-Property	Drilling	US EPA	Atlantic Richfield	EPA response to Atlantic Richfield's 8/28/15 email responding to Response to US EPA comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Received			E-mail
	08/28/15			08/28/15		On-Property	Drilling	Atlantic Richfield	U.S. EPA	Response to US EPA comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted			E-mail
	08/14/15					On-Property	Drilling	US EPA	Atlantic Richfield	EPA Comments on Rationale for Proposed 2015 Modifications to RI/FS Drilling Program, Leviathan Mine Site, Alpine County, California, dated June 26, 2015	Received	Directed to proceed with installations of well Loc-33 and Loc-34	Please proceed with installations of both well Location-33 and Location-34 for the 2015 field work season. In addition, please provide a written response to these comments within 14 days or by August 28, 2015.	
	06/26/15					On-Property	Drilling	Atlantic Richfield	US EPA	Rationale for Proposed 2015 Modifications to RI/FS Drilling Program	Submitted			
	06/12/15					On-Property	Drilling	US EPA	Atlantic Richfield	Leviathan Mine - Drilling Program - EPA comments and request for additional information (email)	Received			E-mail
	06/09/15					On-Property	Drilling	Atlantic Richfield	US EPA	Leviathan Mine - Drilling Program (email)	Submitted	Comments received 6/12/15		Transmits table and figure showing proposed drilling locations for 2015
	12/18/14					On-Property	Drilling	Atlantic Richfield	US EPA	2014 Drilling Postponement Rationale	Submitted	No pending action; ARC requested response to June 17, 2014 discussion and December 18, 2014 from ARC	This ongoing discussion culminated in an August 14, 2015 email from Lynda to Tony agreeing that Pit wells are not currently needed and requesting that ARC go forward with two wells along the fault north of the Pit that ARC had requested to remove from the drilling program.	E-mail
	08/01/13					On-Property	Drilling	Atlantic Richfield	US EPA	Technical Meeting: 2013 RI/FS Drilling Program	Conducted			
	05/26/17		05/26/17			On-Property	Amendment 12, Supplement 1	US EPA	Atlantic Richfield	EPA comments on Amend 12 TPH Investigation	Received		Email indicating ARC has completed request for assessing area of disturbed soil in Camp Isbell area.	
	05/25/17	05/25/17				On-Property	Amendment 12, Supplement 1	Atlantic Richfield	US EPA	EPA comments on Amend 12 TPH Investigation	Submitted			Email from Tony Brown in response to request for assessment of disturbed area of soil in Camp Isbell area that indicates US EPA is mistaken about the excavation.