

APPENDIX B

CORRESPONDENCE AND APPROVALS LOG

Appendix B: Correspondence and Approval Log
Revere Smelting & Refining Site OU1
Middletown, New York

Date	Author	Type of Document	Subject
10/13/11	ENTACT	Letter	Submittal of Phase I RD/RA Workplan
11/10/11	NYSDEC	Letter	Disapproval with comment of Phase I RD/RA Workplan
12/09/11	ENTACT	Letter	Response to NYSDEC comments dated 11/10/11 and Phase I RD/RA Revision 1 submittal
01/12/12	NYSDEC	Letter	Approval with modification of Phase I RD/RA Workplan Revision 1
02/29/12	ENTACT	Letter	Clarification response to NYSDEC comments dated 01/12/12
03/12/12	ENTACT	Letter	Modification/clarification for Phase I RD/RA Workplan Revision 1 based on 03/07/12 meeting with NYSDEC
03/21/12	NYSDEC	Letter	Comment to ENTACT's 03/12/12 modification/clarification letter for Phase I RD/RA Workplan Revision 1
03/22/12	ENTACT	Letter	Revised modification/clarification letter for Phase I RD/RA Workplan Revision 1 with PE stamp
03/22/12	NYSDEC	E-mail	Approval of ENTACT's 03/22/12 request to decommission piezometers in the Containment Cell footprint and Eastern Fill Area
03/23/12	NYSDEC	Letter	Approval with modification of ENTACT's revised modification/clarification for Phase I RD/RA Workplan Revision 1
04/11/12	Revere	Letter	Request to construct temporary construction road
04/25/12	NYSDEC	E-mail	Approval of ENTACT's 04/25/12 data submittal for use of on-site borrow source from Containment Cell footprint (11 grids) and vertical limits of excavation in Phase I excavation
04/27/12	NYSDEC	E-mail	Approval of ENTACT's 04/26/12 data submittal for use of on-site borrow source from Containment Cell footprint (21 grids) and no confirmation sampling in EFA grids 16 and 43
04/27/12	NYSDEC	E-mail	Acceptance of ENTACT's 04/30/12 data submittal regarding grid 10 material
05/14/12	NYSDEC	E-mail	Approval of ENTACT's 05/10/12 data submittal for use of on-site borrow source from Containment Cell footprint (?? grids)
06/08/12	ENTACT	Letter	Submittal of Draft Phase II RD/RA Workplan
07/12/12	NYSDEC	Letter	Disapproval with comment to Revere's 04/11/12 request to construct temporary construction road
07/16/12	ENTACT	Letter	Submittal of surface debris management letter
07/23/12	NYSDEC	Letter	Approval of surface debris management
07/27/12	NYSDEC	Letter	Supplemental draft comments to Draft Phase II RD/RA Workplan and draft comments to Conceptual Stream and Wetland Restoration Plan for OU1
08/06/12	NYSDEC	E-mail	Approval of ENTACT's 08/02/12 request to excavate the Triangle Area
08/24/12	ENTACT	Letter	Response to NYSDEC comments dated 07/12/12 regarding temporary construction road
08/30/12	ENTACT	Letter	Response to NYSDEC draft comments dated 07/27/12 for Draft Phase II RD/RA Workplan and submittal of Phase II-A RD/RA Workplan
08/30/12	ENTACT	Letter	Submittal of Site-specific Health and Safety Plan
09/11/12	NYSDEC	Letter	Approval with modification of Revere's 4/11/12 and ENTACT's 08/24/12 submittals regarding construction of temporary construction road

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Revere Smelting & Refining Site OU1
Middletown, New York

Date	Author	Type of Document	Subject
09/19/12	NYSDEC	E-mail	Acceptance of data submittal for pea gravel and Type II rock associated with Containment Cell groundwater underdrain
09/21/12	ENTACT	Letter	Response to NYSDEC's 09/11/12 approval with modifications for construction of temporary construction road
09/21/12	NYSDEC	Letter	Approval with modification of Phase II-A RD/RA Workplan
09/21/12	NYSDEC	E-mail	Approval and modification to ENTACT's 09/19/12 request to excavate the Knob Hill Area
10/02/12	Revere	Letter	Acceptance of NYSDEC modifications dated 09/21/12 as provided in ENTACT's response dated 10/01/12 for Phase II-A RD/RA Workplan
10/15/12	ENTACT	Letter	Submittal of Phase I EDDs and post-excavation survey
10/16/12	NYSDEC	E-mail	Acceptance of ENTACT's 10/16/12 geotechnical data submittal for bedding and protective soil materials contingent on additional gradation analyses
10/18/12	NYSDEC	E-mail	Approval of ENTACT's 10/17/12 analytical data submittal for Knob Hill Area
10/24/12	NYSDEC	E-mail	Approval of ENTACT's 10/23/12 analytical data submittal for Containment Cell bedding material
11/13/12	NYSDEC	Letter	Disapproval of Draft Phase II RD/RA Workplan with comments
12/07/12	NYSDEC	E-mail	Acceptance of ENTACT's 12/06/12 analytical data submittal for Containment Cell protective soil material
01/03/13	NYSDEC	Letter	Acceptance of ENTACT's 10/15/12 Phase I submittal
01/04/12	NYSDEC	Letter	Authorization for treatment of Phase I hazardous waste per results of December 2012 field-scale treatability study
01/18/13	NYSDEC	E-mail	Approval of ENTACT's 01/17/13 data submittal to move stabilized soils into the Containment Cell
01/22/13	NYSDEC	E-mail	Approval of ENTACT's 01/21/13 data submittal to move stabilized soils into the Containment Cell
02/01/13	NYSDEC	Letter	Approval of requested extension for submittal of Phase II-B RD/RA Workplan
02/11/13	ENTACT	Letter	Response to NYSDEC's 11/13/12 comments and submittal of Phase II-B RD/RA Workplan, including the Stream and Wetland Restoration Design Plan prepared by WSP
03/20/13	ENTACT	Letter	Request to conduct additional excavation of source material at WESP area
04/25/13	NYSDEC	Letter	Acceptance with modification of 04/23/13 email submittal regarding WESP excavation depths and locations
04/29/13	Revere	Letter	Acceptance of NYSDEC's 04/25/13 modifications for WESP excavation
05/16/13	NYSDEC	Letter	Approval with modification of Phase II-B RD/RA Workplan
05/20/13	NYSDEC	E-mail	Approval of ENTACT's 05/17/13 request to use spent bags of bentonite as backfill
05/20/13	NYSDEC	E-mail	Authorization of Revere's 05/14/13 request to continue Phase II-B excavation in the Eastern Fill Area grids
06/14/13	ENTACT	Letter	Response to NYSDEC's 05/16/13 modifications to Phase II-B RD/RA Workplan
06/25/13	ENTACT	E-mail	Acceptance of ENTACT's 06/12/13 analytical data submittal for off-site backfill source

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Revere Smelting & Refining Site OU1
Middletown, New York

Date	Author	Type of Document	Subject
06/28/13	ENTACT	Letter	Submittal of revised figures, drawings and schedule for Phase II-B RD/RA Workplan
07/12/13	NYSDEC	Letter	Approval with modification for ENTACT's 06/14/13 and 06/28/13 submittals
07/19/13	ENTACT	Letter	Submittal of Front Lawn Area test pit delineation locations
07/25/13	Revere	Letter	Acceptance of NYSDEC's 07/12/13 modifications
07/29/13	NYSDEC	E-mail	Acceptance of ENTACT's 07/26/13 analytical data submittal for use of off-site backfill source with restrictions
07/30/13	NYSDEC	Letter	Approval with modification of ENTACT's 07/19/13 submittal for the Front Lawn Area delineation
08/07/13	NYSDEC	E-mail	Approval of ENTACT's 08/06/13 analytical data submittal for use of off-site backfill source
08/07/13	NYSDEC	E-mail	Acceptance of ENTACT's 08/05/13 test pit locations in the FLA and no requirement for surface sampling in the FLA wetlands
08/08/13	Revere	Letter	Clarification of acceptance to NYSDEC's 08/05/13 and 08/07/13 verbal and email correspondence regarding Front Lawn Area delineation requirements
08/29/13	NYSDEC	E-mail	Approval of ENTACT's 08/27/13 analytical data submittal for use of off-site backfill source.
09/13/13	WSP	Letter	Submittal of Stream and Wetland Restoration Design Report
09/13/13	WSP	Letter	Submittal to US ACOE for pre-construction notification (PCN) for Nationwide Permit 38
09/13/13	ENTACT	Letter	Submittal of temporary access road and stream dewatering modifications
10/11/13	WSP	Letter	Submittal to US ACOE of supplemental drawings to PCN for Nationwide Permit 38
10/17/13	NYSDEC	E-mail	Approval of ENTACT's 10/08/13 submittal regarding management of the screened rock from the dirty rock piles
10/17/13	NYSDEC	E-mail	Acceptance of ENTACT's 10/14/13 analytical data submittal for use of off-site backfill source
12/10/13	NYSDEC	Letter	Disapproval with comment on ENTACT's 09/13/13 submittal regarding temporary access road and stream dewatering modifications and WSP's 09/13/13 submittal regarding stream and wetland restoration design
12/20/13	ENTACT	Letter	Response to NYSDEC's 12/10/13 comment letter regarding temporary access road and stream dewatering
12/20/13	ENTACT	Letter	Submittal of Front Lawn Area test pit delineation data
12/20/13	WSP	Letter	Response to NYSDEC's 12/10/13 comments regarding Stream and Wetland Restoration Design Report
01/10/14	NYSDEC	Letter	Approval with modification of ENTACT's 12/20/13 submittal regarding the Front Lawn Area
01/14/14	ENTACT	Letter	Request to remove trees and construct temporary access roads in Ecological Areas
01/16/14	NYSDEC	E-mail	Consideration of no excavation required for certain RI sampling locations
01/21/14	Revere	Letter	Acceptance of NYSDEC's 01/10/14 modifications regarding Front Lawn Area
01/21/14	ENTACT	Letter	Request to remove excavation areas from RD/RA via e-mail

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Revere Smelting & Refining Site OU1
Middletown, New York

Date	Author	Type of Document	Subject
01/24/14	ENTACT	Letter	Submittal of stream crossing details and revised request to remove excavation areas from RD/RA
02/03/14	NYSDEC	Letter	Approval with modification of ENTACT's 09/13/13, 01/14/14, 01/21/14, and 01/24/14 submittals and requests (Phase II-B addendums)
02/12/14	ENTACT	Letter	Submittal of revised Phase II-B design drawings and figures per ENTACT's 01/21/14 and 01/24/14 submittals
02/17/14	Revere	Letter	Acceptance of NYSDEC's 02/03/14 modifications
02/18/14	WSP	Letter	Response to NYSDEC's 12/10/13 comments and submittal of Stream and Wetland Restoration Design Report for OU1, Revision 1
04/15/14	NYSDEC	Letter	Approval with modification for upland ecological areas and wetlands and disapproval with comment for pond, streams and pond/stream banks for WSP's 02/18/14 submittal
05/15/14	NYSDEC	E-mail	Approval of ENTACT's 05/14/14 request to reduce sampling frequency for off-site backfill source
05/30/14	NYSDEC	E-mail	Approval of ENTACT's 05/28/14 geotechnical data submittal for habitat substrate material
06/03/14	NYSDEC	E-mail	Approval of ENTACT's 05/30/14 geotechnical data submittal for habitat subgrade material
06/25/14	WSP	Letter	Response to NYSDEC's 04/15/14 modifications and submittal of Stream and Wetland Restoration Design Report for OU1, Revision 2
07/01/14	NYSDEC	Letter	Approval of WSP's 06/25/14 submittal
07/24/14	NYSDEC	E-mail	Approval of ENTACT's 07/22/14 analytical data submittal for habitat subgrade material
07/24/14	NYSDEC	E-mail	Acceptance of ENTACT's 07/18/14 geotechnical data submittal for compost, upland topsoil and granular material for wetland topsoil
08/05/14	NYSDEC	E-mail	Acceptance of ENTACT's 08/05/14 geotechnical data submittal for common fill material
08/08/14	NYSDEC	E-mail	Acceptance of ENTACT's 08/07/14 analytical data submittal for off-site backfill source
08/18/14	NYSDEC	E-mail	Acceptance of ENTACT's 08/11/14 geotechnical data submittal for 5L Enterprises upland topsoil material
08/21/14	WSP	Letter	Submittal of Addendum No. 1 - Pre-Excavation Geomorphological Survey per NYSDEC's 04/15/14 modification letter
09/02/14	NYSDEC	E-mail	Acceptance of ENTACT's 08/22/14 geotechnical data submittal for 5L Enterprises upland topsoil material and no approval of analytical data submittal for E. Tetz common fill material
09/02/14	NYSDEC	E-mail	Approval of ENTACT's 08/22/14 geotechnical data submittal for 5L Enterprises wetland topsoil material
09/03/14	NYSDEC	E-mail	Approval of ENTACT's 08/22/14 geotechnical data submittal for habitat subgrade material
09/09/14	NYSDEC	E-mail	Approval of ENTACT's 09/08/14 analytical data submittal for off-site backfill sources

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Middletown, New York

Date	Author	Type of Document	Subject
09/24/14	NYSDEC	E-mail	Approval of ENTACT's 09/15/14 analytical data submittal for 5L Enterprises wetland topsoil
09/24/14	NYSDEC	Letter	Disapproval with comments on WSP's 08/21/14 submittal of Addendum No. 1 - Pre-excavation Geomorphological Survey regarding Eastern Stream
09/26/14	ENTACT	Letter	Request for approval of completion of remedial construction activities in Eastern Fill Area
10/03/14	NYSDEC	E-mail	Acceptance of ENTACT's 09/26/14 letter report as documentation for removal of contaminated soils and collection of samples per the workplans
10/10/14	WSP	Letter	Response to NYSDEC's 09/24/14 comments regarding the Eastern Stream
10/10/14	NYSDEC	Letter	Approval of WSP's 09/24/14 and 10/10/14 responses regarding Eastern Stream
10/16/14	NYSDEC	E-mail	Approval summary of off-site backfill sources
10/21/14	NYSDEC	Letter	Disapproval with comments on WSP's 08/21/14 submittal regarding portions of addendum not pertaining to Eastern Stream
10/28/14	NYSDEC	Verbal	Approval of WSP's 10/28/14 description of proposed Eastern Stream bed material
11/19/14	WSP	Letter	Notification of modification to planting specifications for ecological restoration in Area 2
12/10/14	NYSDEC	Verbal	Approval of ENTACT's 12/09/14 description of post-excavation confirmation sidewall sampling for Ecological Area excavations
12/17/14	NYSDEC	E-mail	Approval of ENTACT's 12/10/14 analytical data submittal for ORI habitat subgrade and 5L Enterprises wetland topsoil
03/19/15	NYSDEC	E-mail	Approval of WSP's 02/10/15 and 03/18/15 submittals regarding Western Stream and Railroad Pond Stream bed materials
03/19/15	NYSDEC	E-mail	Acceptance of ENTACT's 01/29/15 analytical data submittal and 03/19/15 response to NYSDEC's 03/06/15 comments regarding post-excavation samples
04/08/15	WSP	Letter	Response to NYSDEC's 10/21/14 comments and submittal of revised figures and tables for Stream and Wetland Restoration Design Report for OU1, Revision 2
04/13/15	WSP	E-mail	Submittal of updated restoration drawings and table per WSP's 04/08/15 response
04/17/15	NYSDEC	Letter	Approval with modification of WSP's 04/08/15 submittal regarding Stream and Wetland Restoration Design Report for OU1, Revision 2
04/30/15	Revere	Letter	Acceptance of NYSDEC's 04/17/15 modifications
05/04/15	NYSDEC	E-mail	Comments regarding ENTACT's 03/26/15 analytical data submittal
06/18/15	WSP	Letter	Submittal of Railroad Pond Pump-around Workplan
06/29/15	NYSDEC	E-mail	Comments regarding WSP's 06/18/15 Railroad Pond Pump-around Workplan
07/06/15	WSP	Letter	Submittal of revised Railroad Pond Pump-around Workplan
07/07/15	NYSDEC	Letter	Approval of WSP's 07/06/15 submittal regarding the revised Railroad Pond Pump-around Workplan
07/09/15	WSP	E-mail	Submittal of modified restoration/grading plan near Excavation Area 19

Appendix B: Correspondence and Approval Log
Revere Smelting & Refining Site OU1
Middletown, New York

Date	Author	Type of Document	Subject
07/21/15	NYSDEC	Letter	Request to submit Phase III RD Workplan
07/24/15	NYSDEC	E-mail	Acceptance of ENTACT's 07/23/15 analytical data submittal for water pumped through Railroad Pond filtration system
08/06/15	NYSDEC	E-mail	Approval of ENTACT's 08/04/15 request to backfill arsenic exceedance in Railroad Pond
08/10/15	NYSDEC	E-mail	Approval of ENTACT's 08/10/15 request to cap and backfill arsenic exceedance in Railroad Pond Stream
08/11/15	NYSDEC	Letter	Request to sample leachate and submit temporary leachate conveyance line specifications
08/11/15	NYSDEC	Letter	Clarification of requirements for Phase III RD Workplan via e-mail
08/28/15	Revere	Letter	Response to NYSDEC's 08/11/15 requests and 08/21/15 clarifications regarding leachate sampling and temporary leachate conveyance line specifications
09/01/15	ENTACT	Letter	Submittal of Phase III RD Workplan information
09/04/15	WSP	Letter	Submittal of Phase III Containment Cell Groundwater Monitoring Workplan
09/29/15	ENTACT	Letter	Request regarding tree area on railroad property south of tracks
10/02/15	WSP	E-mail	Submittal of coir log installation design between stations 11+80 and 12+30 in Western Stream
10/06/15	NYSDEC	E-mail	Approval for coir log installation design between stations 11+80 and 12+30 in Western Stream
10/12/15	WSP	Letter	Submittal of leachate sampling data
10/16/15	NYSDEC	Letter	Approval with modifications of ENTACT's 09/01/15 submittal regarding Phase III RD Workplan information
10/23/15	NYSDEC	Letter	Approval with modifications of WSP's 09/04/15 submittal regarding Phase III Containment Cell Groundwater Monitoring Workplan
10/28/15	ENTACT	Letter	Response to NYSDEC's 10/16/15 modifications regarding Phase III RD Workplan
11/05/15	NYSDEC	Letter	Approval with modification of ENTACT's 09/29/15 submittal regarding tree area on railroad property south of tracks
11/06/15	WSP	Letter	Response to NYSDEC's 10/23/15 modifications regarding the Phase III Containment Cell Groundwater Monitoring Workplan
11/18/15	NYSDEC	E-mail	Approval of Revere's 11/17/15 request for an extension for submittal of Phase III RD Workplan information
11/20/15	NYSDEC	E-mail	Approval of Revere's 11/19/15 request to treat and dispose of soil excavated from installation of an additional kettle in OU4 in the Containment Cell
12/04/15	ENTACT	Letter	Submittal of Phase III RD/RA Workplan
12/09/15	NYSDEC	E-mail	Approval for placement of temporary cover over 1/3 of Containment Cell with material specified in Phase III RD/RA Workplan
12/15/15	Revere	Verbal	Acceptance of NYSDEC's 12/15/16 request regarding temporary surface water drainage system from the Containment Cell

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Date	Author	Type of Document	Subject
01/19/15	NYSDEC	E-mail	Acceptance of ENTACT's analytical data submittal for off-site backfill sources and request to collect additional samples from ORI wetland topsoil used on Containment Cell temporary cover
01/25/16	NYSDEC	Letter	Disapproval with comments regarding Phase III RD/RA Workplan
02/02/16	Revere	Letter	Request for extension to revised Phase III RD/RA Workplan submittal
02/03/16	NYSDEC	E-mail	Approval of Revere's 02/02/16 request for extension
03/18/16	ENTACT	Letter	Response to NYSDEC's 01/25/16 comments and submittal of Phase III RD/RA Workplan, Revision 1
03/31/16	ENTACT	Letter	Submittal of Phase II-A and II-B data and surveys
04/06/16	ENTACT	Letter	Submittal of information pertaining to stream bank re-stabilization at section of Western Stream along facility parking lot
04/12/16	NYSDEC	Letter	Comments to ENTACT's 04/06/16 submittal regarding stream bank re-stabilization via e-mail
04/13/16	Revere	Letter	Acceptance of NYSDEC's 04/12/16 comments regarding stream bank re-stabilization via e-mail
04/13/16	NYSDEC	Letter	Approval with modifications of ENTACT's 03/18/16 submittal of Phase III RD/RA Workplan Revision 1
04/22/16	NYSDEC	E-mail	Acceptance of ENTACT's 04/20/16 request for change in base material for Containment Cell access road
04/28/16	Revere	Letter	Acceptance of NYSDEC's 04/13/16 modifications to Phase III RD/RA Workplan, Revision 1
05/05/16	ENTACT	Letter	Response to NYSDEC's 04/13/16 modifications to Phase III RD/RA Workplan, Revision 1
06/09/16	WSP	Letter	Submittal of monitoring well installation schedule for Phase III Containment Cell Groundwater Monitoring Workplan
06/17/16	ENTACT	Letter	Submittal of Containment Cell Leachate Conveyance Pipe System Design
08/05/16	ENTACT	Letter	Submittal of Containment Cell Leachate Conveyance Pipe System Design, Revision 1 to address NYSDEC's 06/27/16 conference call comments
08/16/16	WSP	Letter	Submittal of revised proposed monitoring well locations for Phase III Containment Cell Groundwater Monitoring Workplan
09/02/16	NYSDEC	Letter	Approval with modifications of ENTACT's 08/05/16 submittal regarding Containment Cell Leachate Conveyance Pipe System Design, Revision 1