

March 16, 2017

Special Master Susan Calkins
2112 Promontory Point Lane
Gold River, CA 95670



**Subject: Monthly Status Report 14 for February 2017
Penobscot River Estuary Phase III - Engineering Study**

Dear Ms. Calkins:

Amec Foster Wheeler Environment and Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this monthly Status Report for the Penobscot River Estuary Phase III - Engineering Study. This report covers the period from February 1, 2017 through February 31, 2017. A cash flow projection for the following 6-month period is also attached.

ACTIVITIES AND EVENTS DURING THE REPORTING PERIOD

Task 1 - Understanding the Problem and Existing Background Information

- No activities were conducted under this task during the reporting period.
- All activities under this task are 100% complete and no further charges are anticipated.

Tasks 2/2A - Technologies and Remedial Approaches for Consideration

- *Work Order 2A-010 - Technology Screening Report: Report Revisions*
 - Revisions to the Technology Screening Report based on comments received from the Special Master/Litigants were continued in February 2017
 - The Final Technology Screening Report was submitted to the Special Master/Litigants by March 2, 2017.
- *Work Order 2A-020 - Treatability/Pilot Studies: Scoping Memorandum*
 - Completed the Draft Treatability/Pilot Studies Scoping Memorandum
 - The Draft Treatability/Pilot Studies Scoping Memorandum was submitted to the Special Master/Litigants on February 28, 2017.

Tasks 3/3A - Risk Reduction Evaluation

- *Work Order 3A-010 - BAFs/BSAFs, Biota Trending Analysis:*
 - February 8, 2017: Amec Foster Wheeler received authorization for Work Order 3A-010
 - Work on BAF/BSAF calculations and biota trending analyses were initiated in early February 2017.
- *Work Order 3A-020 – Baseline Risk Assessments:*
 - January 30, 2017: Work Order 3A-020 authorization received by AmecFW
 - Work on baseline risk assessments was initiated in early February 2017

Correspondence:

Amec Foster Wheeler
511 Congress Street, Suite 200
Portland, Maine 04101
Tel 207-775-5401
Fax 207-772-4762

Tasks 4/4A - Potential Data Needs and Additional Field Work

- *Work Orders 003/003A - Mobile Sediment Pool Characterization:*
 - February 7, 2017: Project analytical database packaged and submitted to SM/Litigants
 - At the current time, the remaining scope of WOs 003/003A is expected to be completed within budget
- *Work Order 004 - 2016 Sediment and Water Quality Monitoring:*
 - Continued development of the Draft 2016 Sediment and Water Quality Monitoring Report, scheduled for submittal to Special Master/Litigants by March 24, 2017
 - At the current time, the remaining scope of WO 004 is expected to be completed within budget
- *Work Order 005 - 2016 Biota Monitoring:*
 - February 2, 2017: Authorization to conduct Work Order 005A – Black Duck Monitoring Addendum received by Amec Foster Wheeler
 - Laboratory analyses of black duck tissue and blood completed by Eurofins Laboratories
 - Data validation of black duck analytical data initiated in late February 2017
 - Development of the Draft 2016 Biota Monitoring Report continued in February
 - Permits for collection of biota in 2017 were prepared and submitted to US DIFW and ME DMR
 - At the current time, the remaining scope of WO 005 is expected to be completed within budget
- *Work Order 007 - 2015 ME DMR Lobster Analyses:*
 - No further activities are planned under this WO
- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - Work continued on Task 1 - Analytical Methods Development and Comparison Study: sediment/wood debris samples were submitted to the laboratories for the proposed analyses
 - For Task 3 - Data Mining to Detect Trends, EMAP data has been gathered for import into the database, and classification of sediment samples by zone has been initiated
- *Work Order 4A-020 - Analyses/Evaluation of WO 003A Samples:*
 - SOP for Wood Waste Sampling completed
 - Sample processing of mobile pool sediments/wood debris initiated in early February 2017
 - Subtidal sediment samples from Cape Jellison and Mendall Marsh processed and submitted to the laboratory for analyses
 - Prepared Work Order 4A-020A - Tasks 2-5 Amendment: Sample processing time was lengthier than anticipated due to time required for frozen samples to thaw and extremely cold outside temperatures restricting sample processing to indoors.

Task 5 - Phase III Engineering Study Report

- No activity during the reporting period

Tasks 6A – Meetings/Communications

- Prepared for and attended March 2, 2017 Monthly Project Status Call with Special Master/Litigants
- February 17, 2017: Amec Foster Wheeler submitted Invoice # J02206222 and Monthly Report for the month of January 2017 to the Special Master/Litigants
- Project schedule has been updated to include more detail on deliverables and review period, and is submitted with this monthly report as an attachment

Task 7 – Community Involvement,

- *Work Order 006 - Community Involvement:*
 - Continued development of website; access to website for Special Master/Litigant review anticipated in early March 2017

PROPOSED ACTIVITIES FOR THE FOLLOWING PERIOD

Task 1 - Understanding the Problem and Existing Background Information

- No further activity planned under this task

Tasks 2/2A - Technologies and Remedial Approaches for Consideration

- *Work Order 2A-010 - Technology Screening Report: Report Revision*
 - Final Draft Technology Screening Report submitted to the Special Master/Litigants on March 2, 2017
 - No further activities are anticipated under this work order
- *Work Order 2A-020 - Treatability/Pilot Studies: Scoping Memorandum*
 - Draft Treatability/Pilot Studies Scoping Memorandum submitted to the Special Master/Litigants on February 28, 2017
 - Respond to comments from the Special Master/Litigants on the Draft Memorandum
- Submit *Work Order 2A-030A: Phase 1 Bench-Scale Treatability Studies Work Plan*
- Initiate Preparation of *Work Order 2A-040: Bench-Scale/Pilot Studies - Permitting*
- Submit *Work Order 2A-080: Alternatives Evaluation*
- Submit *Work Order 2A-100: Recovery Times & Sediment(Hg) Transport*

Task 3 - Risk Reduction Evaluation

- *Work Order 3A-010 – BAFs/BSAFs, Biota Trend Analyses:*
 - Continue development of BAFs/BSAFs, Biota Trend Analyses
- *Work Order 3A-020 – Baseline Risk Assessments:*

- Continue development of BAFs/BSAFs, Biota Trend Analyses

Task 4 - Potential Data Needs and Additional Field Work

- *Work Orders 003/003A - Mobile Sediment Pool Characterization:*
 - Respond to Mallinckrodt questions on database (rec'd March 14, 2017)
 - Submit updated project database including validated January 2017 black duck monitoring data to the project SharePoint site
- *Work Order 004 – 2016 Sediment and Water Quality Monitoring:*
 - Submit Draft 2016 Sediment and Water Quality Monitoring Report to the Special Master/Litigants (March 24, 2017)
- *Work Order 005 – 2016 Biota Monitoring:*
 - Continue development of the 2016 Biota Monitoring Report
- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - Continue Task 1 - Analytical Methods Development and Comparison Study
 - Initiate Task 2 - Organic Content Study
- *Work Order 4A-020 - Analyses/Evaluation of WO 003A Samples:*
 - Complete sample processing of sediment samples collected in October 2016
 - Begin laboratory analyses of October 2016 samples
- *Work Order 4A-030 - Additional Sediment and Wetland Characterization:*
 - Prepare draft work order proposing additional wetland characterization sampling for areas outside of those previously sampled, as well as intertidal sediments not previously characterized
- *Work Order 4A-040 - 2017 Sed & Water Quality Monitoring:*
 - Prepare and submit work order for 2017 Sediment and Water Quality Monitoring
- *Work Order 4A-050 - 2017 Biota Monitoring*
 - Prepare and submit work order for 2017 Biota Monitoring

Task 5 - Phase III Engineering Study Report

- No activities planned for the upcoming reporting period

Task 6A – Meetings/Communications

- Prepare and submit invoice, monthly report, cash flow projection, and updated project schedule for February 2017 to the Special Master/Litigants by March 15, 2017
- Prepare for Monthly Project Status call on March 30, 2017
- Begin preparations for April 24, 2017 meeting in Boston, MA with PRMS Study Panel members
- Continue updates to project schedule as necessary

Task 7 – Community Involvement

- Provide link to revised draft website (password-protected) for Special Master/Litigant review of format and content

FUTURE MEETINGS, AND CONFERENCE CALLS

- Monthly Project Status Calls will be held from 2-3PM (Eastern time) on the following dates:
 - March 30, 2017
 - May 2017 (TBD)
 - June 2017 (TBD)
- Meeting with members of the Phase II Study Panel in Boston, MA
 - April 24, 2017
- Quarterly Status Meetings with the Special Master and Litigants will be held in Boston, MA on the following dates:
 - April 25, 2017
 - July 20, 2017

ISSUES AND PROBLEMS IDENTIFIED DURING THE REPORTING PERIOD

- The delivery of the 2016 Sediment and Water Quality Report, initially scheduled for February 28, 2017, has been delayed to March 21, 2017; however, the overall project schedule has not been impacted.

CASH FLOW PROJECTION

Please refer to Attachment A for the Amec Foster Wheeler financial status summary and cash flow projection for the next six months.

PROJECT SCHEDULE

Please refer to Attachment B for the updated Amec Foster Wheeler project schedule.

If you have any questions regarding the information contained in this report, please call me at 207-651-0315.

Sincerely,



Nelson Walter, PE, LSP, LEP, PMP
Principal Project Manager

Attachments

Monthly Status Report 14 for February 2017
Penobscot River Estuary Phase III - Engineering Study

Attachment A - Cash Flow Projection
Attachment B - Project Schedule (v_16Feb2017)

cc: Mitchell Bernard (NRDC) Patricia Duft (Mallinckrodt)
Jared Thompson (NRDC) Jeffrey Talbert (Preti Flaherty)
Project File (3616166052)

ATTACHMENT B – PROJECT SCHEDULE
V_15Mar2017
Penobscot River Estuary Phase III - Engineering Study

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecessors	Half 1, 2016					Half 2, 2016					Half 1, 2017					Half 2, 2017						
								J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
1	157	✓ Penobscot River		1 day	Wed 1/6/16	Wed 1/6/16																							
2	158	✓ Project Award		1 day	Wed 1/6/16	Wed 1/6/16																							
3	159	✓ TASK 1 - Understanding the Problem and Existing Background Information		193 days	Thu 1/7/16	Mon 10/3/16																							
4	160	✓ Initial Review of Project Information		82 days	Thu 1/7/16	Fri 4/29/16	2																						
5	161	✓ Preparation and Approval of Work Order (WO) 001 - Data Gathering and Meetings		19 days	Thu 1/7/16	Tue 2/2/16	2																						
6	162	✓ Conference with Study Panel		1 day	Mon 1/25/16	Mon 1/25/16	2																						
7	312	✓ Database Management and Visualization Modeling		174 days	Wed 2/3/16	Mon 10/3/16	5,6																						
8	309	✓ Identify Data Gaps		174 days	Wed 2/3/16	Mon 10/3/16	5,4FF																						
9	310	✓ Preparation and Approval of WO 002 - Data Gathering, Technology Screening, Risk Reduction, Field Work Plans, Meetings		16 days	Mon 2/15/16	Mon 3/7/16	5																						
10	311	✓ Collection of additional sample location information (from Kopec and others)		45 days	Mon 8/1/16	Fri 9/30/16	5																						
11	166	TASK 4 - Potential Data Needs and Additional Field Work		552 days	Tue 3/8/16	Tue 5/1/18																							
12	167	✓ Project Work Plans	004	103 days	Tue 3/8/16	Thu 7/28/16																							
13	168	✓ Submit Health and Safety Plan	004	54 days	Tue 3/8/16	Fri 5/20/16	9																						
14	169	✓ Submit Quality Assurance Project Plan	004	102 days	Tue 3/8/16	Wed 7/27/16	9																						
15	170	✓ Submit Field Sampling Plan	004	103 days	Tue 3/8/16	Thu 7/28/16	9																						
16	171	✓ WOs 003/003A Mobile Sediment Pool Characterization	003/003A	164 days	Tue 3/15/16	Fri 10/28/16																							
17	313	✓ Preparation and Approval of WO 003 - Mobile Sediment Pool Remote Sensing and Sampling	003/003A	34 days	Tue 3/15/16	Fri 4/29/16	9FS+5 days																						
18	172	✓ Mobile Sediment Pool Remote Sensing and Sampling (WO 003)	003/003A	90 days	Mon 5/2/16	Fri 9/2/16	17																						
19	173	✓ Evaluate Findings of Mobile Sediment Pool Remote Sensing	003/003A	55 days	Mon 7/11/16	Fri 9/23/16	18SS+50 days																						
20	314	✓ Preparation and Approval of WO 003A - Follow-on to Mobile Sediment Pool Remote Sensing	003/003A	25 days	Mon 9/26/16	Fri 10/28/16	19,13,14,15																						
21	174	✓ Follow-on to Mobile Sediment Pool Remote Sensing (WO 003A)	003/003A	15 days	Mon 10/10/16	Fri 10/28/16	20SS+10 days																						
22	453	✓ WO 4A-020 Analyses/Evaluation of WO 003A Samples	4A-020	158 days	Mon 10/31/16	Mon 6/12/17																							
23	315	✓ Preparation and Approval of WO 4A-020 - Analysis/Evaluation of WO 003A Samples	4A-020	58 days	Mon 10/31/16	Fri 1/20/17																							
24	467	✓ Prepare WO 4A-020	4A-020	37 days	Mon 10/31/16	Tue 12/20/16	20,293																						
25	468	✓ Submit WO 4A-020 to Court/Litigants	4A-020	0 days	Tue 12/20/16	Tue 12/20/16	24																						
26	469	✓ Court/Litigant Review of WO 4A-020	4A-020	16 days	Wed 12/21/16	Fri 1/13/17	25																						
27	470	✓ Revise and Submit Final WO 4A-020	4A-020	5 days	Mon 1/16/17	Fri 1/20/17	26																						
28	471	✓ Court/Litigant Review/Approval of WO 4A-020	4A-020	0 days	Thu 1/19/17	Thu 1/19/17	27																						
29	429	Execution of WO 4A-020 - Analysis/Evaluation of WO 003A S	4A-020	101 days	Fri 1/20/17	Mon 6/12/17																							
30	431	✓ Develop SOP for Wood Waste Sample Processing	4A-020	10 days	Fri 1/20/17	Thu 2/2/17	28																						
31	430	✓ Tasks 2-5: Sample Homogenization/Subsampling	4A-020	30 days	Fri 2/3/17	Thu 3/16/17	30																						
32	432	Tasks 2-5: Laboratory Analyses	4A-020	25 days	Fri 3/10/17	Thu 4/13/17	31FS-5 days																						
33	175	Task 6: Data Validation	4A-020	20 days	Fri 3/24/17	Thu 4/20/17	32FS-15 days																						
34	515	Development of Figs/Tables for 24Apr Study Panel Mtg	4A-020	6 days	Fri 4/14/17	Fri 4/21/17	33FS-5 days																						
35	428	Task 6: Data Reduction/Interpretation	4A-020	20 days	Mon 4/24/17	Fri 5/19/17	34																						
36	176	Task 6: Prepare DRAFT Mobile Pool Characterization Summary Report	4A-020	15 days	Mon 5/22/17	Mon 6/12/17	35																						
37	177	Task 6: Submit DRAFT Mobile Pool Characterization Summary Report to Court/Litigants	4A-020	0 days	Mon 6/12/17	Mon 6/12/17	36																						

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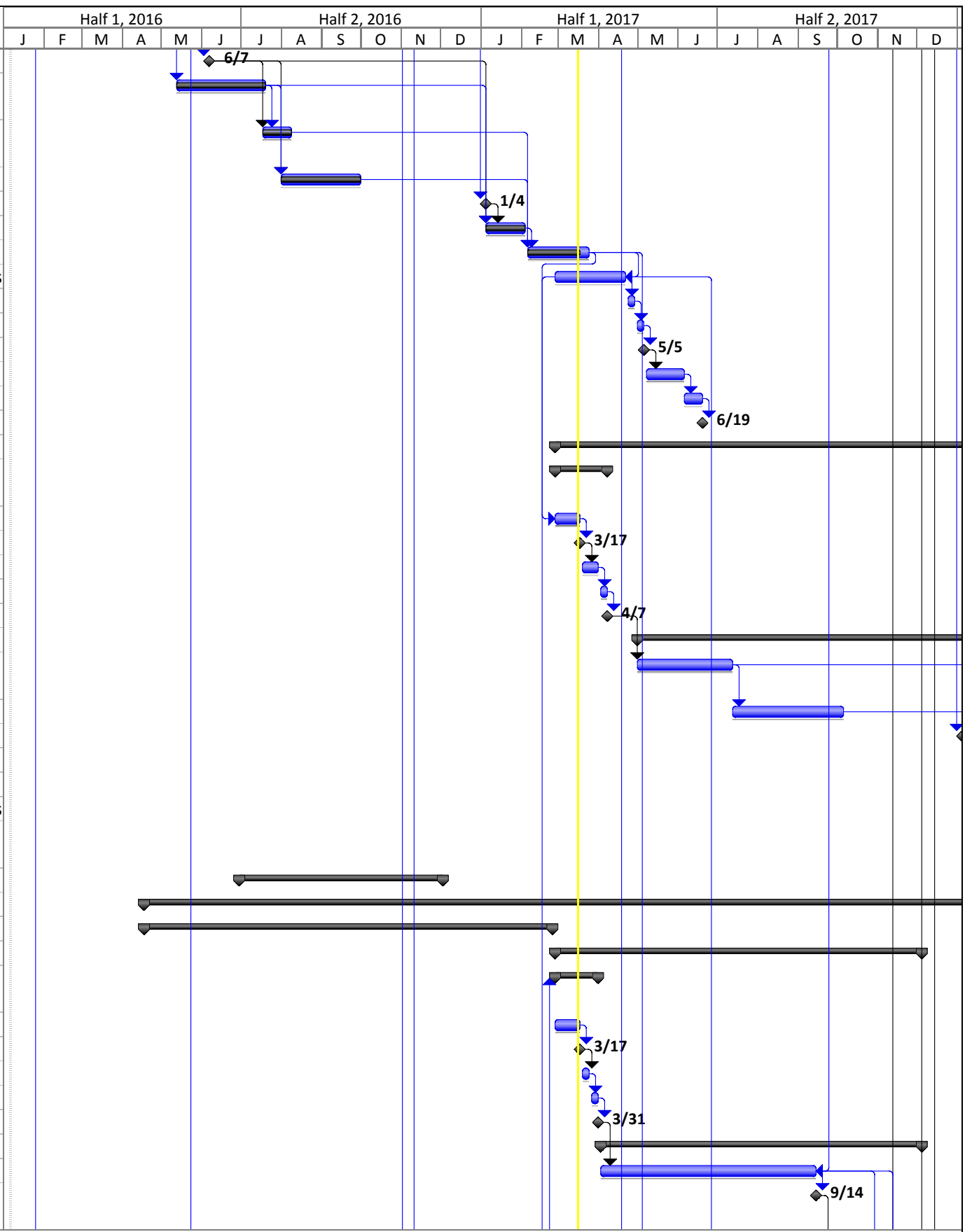
Task Milestone Project Summary External Milestone Critical Progress
 Split Summary External Tasks Deadline Critical Split

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecessors	Half 1, 2016					Half 2, 2016					Half 1, 2017					Half 2, 2017									
								J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
38	451	WO 4A-060 Potential Additional Mobile Pool Investigation	4A-060	95 days	Mon 5/22/17	Thu 10/5/17																										
39	178	Preparation and Approval of WO 4A-060 - Potential Additional Mobile Pool Investigation	4A-060	26 days	Mon 5/22/17	Tue 6/27/17																										
40	435	Prepare WO 4A-060	4A-060	15 days	Mon 5/22/17	Mon 6/12/17	35																									
41	434	Submit WO 4A-060 to Court/Litigants	4A-060	0 days	Mon 6/12/17	Mon 6/12/17	40																									
42	437	Court/Litigant Review of WO 4A-060	4A-060	3 days	Tue 6/13/17	Thu 6/15/17	41																									
43	436	Revise and Submit Final WO 4A-060	4A-060	5 days	Fri 6/16/17	Thu 6/22/17	42																									
44	438	Court/Litigant Review/Approval of WO 4A-060	4A-060	3 days	Fri 6/23/17	Tue 6/27/17	43																									
45	433	Execution of WO 4A-060 - Potential Addtl. Mobile Pool Inves	4A-060	69 days	Wed 6/28/17	Thu 10/5/17																										
46	179	Potential Additional Mobile Pool Investigation	4A-060	20 days	Wed 6/28/17	Thu 7/27/17	44																									
47	184	Laboratory Analyses	4A-060	20 days	Thu 8/3/17	Wed 8/30/17	46FS-5 days,60																									
48	439	Data Validation	4A-060	15 days	Thu 8/24/17	Thu 9/14/17	47FS-5 days																									
49	440	Data Reduction/Interpretation	4A-060	15 days	Fri 9/15/17	Thu 10/5/17	48,37																									
50	185	Prepare DRAFT Mobile Pool Characterization Summary Report	4A-060	20 days	Fri 9/8/17	Thu 10/5/17	49FS-20 days																									
51	316	Submit DRAFT Mobile Pool Characterization Summary Report Update to Court/Litigants	4A-060	0 days	Thu 10/5/17	Thu 10/5/17	50																									
52	222	WO 4A-010 Analytical Methods Evaluation and Organic Content Study	4A-010	184 days	Fri 11/11/16	Wed 8/2/17																										
53	223	Preparation and Approval of WO 4A-010 - Analytical Methods and Organic Content Study	4A-010	36 days	Fri 11/11/16	Tue 1/3/17	293																									
54	224	Develop Sediment Sample Collection & Processing Methodology	4A-010	20 days	Wed 1/4/17	Tue 1/31/17	53																									
55	225	Conduct Analytical Methods Evaluation	4A-010	45 days	Wed 1/4/17	Tue 3/7/17	53																									
56	227	Conduct Organic Content Study	4A-010	30 days	Wed 3/8/17	Tue 4/18/17	55																									
57	229	Data Mining to Detect Trends	4A-010	50 days	Mon 3/27/17	Mon 6/5/17	53,86																									
58	230	Documenting Conceptual Site Model Refinements	4A-010	45 days	Wed 3/8/17	Tue 5/9/17	54,55																									
59	517	Develop Analytical Methods/Trends/CSM Slides for 24Apr Study Panel Mtg	6A-010	29 days	Wed 3/8/17	Mon 4/17/17	55																									
60	231	Prepare Analytical Methods and Organic Content Study Technical Memorandum	4A-010	40 days	Tue 6/6/17	Wed 8/2/17	54,55,56,57																									
61	232	Submit Analytical Methods & Organic Carbon Study Technical Memorandum to Court/Litigants	4A-010	0 days	Wed 8/2/17	Wed 8/2/17	60																									
62	214	WO 4A-030 Wetlands and Intertidal HG Sediment Characterization	4A-030	150 days	Mon 2/13/17	Thu 9/14/17																										
63	215	Preparation and Approval of WO 4A-030 - Wetland/Intertidal Sed Characterization	4A-030	30 days	Mon 2/13/17	Fri 3/24/17																										
64	461	Prepare WO 4A-030	4A-030	15 days	Mon 2/13/17	Fri 3/3/17																										
65	462	Submit WO 4A-030 to Court/Litigants	4A-030	0 days	Fri 3/3/17	Fri 3/3/17	64																									
66	463	Court/Litigant Review of WO 4A-030	4A-030	10 days	Mon 3/6/17	Fri 3/17/17	65																									
67	464	Revise and Submit Final WO 4A-030	4A-030	5 days	Mon 3/20/17	Fri 3/24/17	66																									
68	465	Court/Litigant Review/Approval of WO 4A-030	4A-030	0 days	Fri 3/24/17	Fri 3/24/17	67																									
69	466	Execute WO 4A-030 Wetland/Intertidal Sed Characterization	4A-030	95 days	Mon 5/1/17	Thu 9/14/17																										
70	217	Wetland/Intertidal Sediment Sampling	4A-030	20 days	Mon 5/1/17	Fri 5/26/17	68																									
71	218	Analyses & Data Validation	4A-030	45 days	Tue 5/30/17	Wed 8/2/17	70																									
72	219	Data Interpretation & Reduction	4A-030	15 days	Thu 8/3/17	Wed 8/23/17	71																									
73	220	Prepare Wetland/Intertidal Sed Characterization Technical Memorandum	4A-030	15 days	Thu 8/24/17	Thu 9/14/17	72																									

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Task		Milestone		Project Summary		External Milestone		Critical		Progress	
Split		Summary		External Tasks		Deadline		Critical Split			

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecessors	Half 1, 2016					Half 2, 2016					Half 1, 2017					Half 2, 2017					
								J	F	M	A	M	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
112	198	Submit Draft Biota Monitoring Plan to Court/Litigants	005	0 days	Tue 6/7/16	Tue 6/7/16	9																					
113	320	Preparation and Approval of Work Order 005 - 2016 Biota Monitoring	005	48 days	Fri 5/13/16	Tue 7/19/16	2																					
114	321	2016 Biota Monitoring WO 005 - Bird, Insect, Spider, Polychaete Collection	005	16 days	Mon 7/18/16	Mon 8/8/16	113FS-2 days,112																					
115	199	2016 Biota Monitoring WO 005 - Fish, Eel & Lobster Collector	005	45 days	Mon 8/1/16	Fri 9/30/16	113,112																					
116	379	End of Duck Hunting Season	005	0 days	Wed 1/4/17	Wed 1/4/17	2																					
117	200	2016 Biota Monitoring WO 005 - Black Duck Collection	005	22 days	Thu 1/5/17	Fri 2/3/17	113,116,112																					
118	201	Analyses & Data Validation	005	35 days	Mon 2/6/17	Fri 3/24/17	114,115,117																					
119	202	Prepare Draft 2016 Biota Monitoring Report	005	40 days	Mon 2/27/17	Fri 4/21/17	118FF+20 days																					
120	645	Internal Review of Draft Report	005	5 days	Mon 4/24/17	Fri 4/28/17	119																					
121	643	Revise Report and Prepare Draft for Client Submittal	005	5 days	Mon 5/1/17	Fri 5/5/17	120																					
122	644	Submit Draft 2016 Biota Monitoring Report to Court/Litigants	005	0 days	Fri 5/5/17	Fri 5/5/17	121																					
123	640	Review of Draft 2016 Biota Monitoring Report by Court/Litiga	005	20 days	Mon 5/8/17	Mon 6/5/17	122																					
124	641	Revise Draft Report based on Court/Litigants comments	005	10 days	Tue 6/6/17	Mon 6/19/17	123																					
125	642	Issue Final 2016 Biota Monitoring Report	005	0 days	Mon 6/19/17	Mon 6/19/17	124																					
126	450	WO 4A-050 2017 Biota Monitoring	4A-050	299 days	Mon 2/27/17	Mon 4/30/18																						
127	203	Preparation and approval of WO 4A-050 - 2017 Biota Monitoring	4A-050	30 days	Mon 2/27/17	Fri 4/7/17																						
128	479	Prepare WO 4A-050	4A-050	15 days	Mon 2/27/17	Fri 3/17/17	119SS																					
129	480	Submit WO 4A-050 to Court/Litigants	4A-050	0 days	Fri 3/17/17	Fri 3/17/17	128																					
130	481	Court/Litigant Review of WO 4A-050	4A-050	10 days	Mon 3/20/17	Fri 3/31/17	129																					
131	482	Revise and Submit Final WO 4A-050	4A-050	5 days	Mon 4/3/17	Fri 4/7/17	130																					
132	483	Court/Litigant Review/Approval of WO 4A-050	4A-050	0 days	Fri 4/7/17	Fri 4/7/17	131																					
133	494	Execute WO 4A-050 2017 Biota Monitoring	4A-050	254 days	Mon 5/1/17	Mon 4/30/18																						
134	322	2017 Biota Monitoring - Bird, Insect, Spider, Polychaete Collection	4A-050	50 days	Mon 5/1/17	Wed 7/12/17	132																					
135	323	2017 Biota Monitoring - Eel, Fish, & Lobster Collection	4A-050	60 days	Thu 7/13/17	Thu 10/5/17	134																					
136	380	End of Duck Hunting Season	4A-050	0 days	Thu 1/4/18	Thu 1/4/18	2																					
137	204	2017 Biota Monitoring - Black Duck Collection	4A-050	22 days	Fri 1/5/18	Mon 2/5/18	136																					
138	205	Analyses & Data Validation	4A-050	40 days	Tue 2/6/18	Mon 4/2/18	134,135,137																					
139	206	Prepare Draft 2017 Biota Monitoring Report	4A-050	40 days	Tue 3/6/18	Mon 4/30/18	138FF+20 days																					
140	207	Submit Draft 2017 Biota Monitoring Report to Court/Litigants	4A-050	0 days	Mon 4/30/18	Mon 4/30/18	139																					
141	209	WO 007 2015 ME DMR Lobster and Crab Analyses and Reporting	007	112 days	Thu 6/30/16	Fri 12/2/16																						
146	247	TASK 2 - Technologies and Remedial Approaches for Consideration		876 days	Mon 4/18/16	Fri 9/13/19																						
147	248	WOs 002 and 2A-010 - Technology Screening Report	002	223 days	Mon 4/18/16	Fri 2/24/17																						
157	255	WO 2A-080 Alternatives Evaluation Report	2A-080	195 days	Mon 2/27/17	Mon 12/4/17																						
158	256	Preparation and Approval of WO 02A-080: Alternatives Evaluation	2A-080	25 days	Mon 2/27/17	Fri 3/31/17	293																					
159	486	Prepare WO 2A-080	2A-080	15 days	Mon 2/27/17	Fri 3/17/17																						
160	487	Submit WO 2A-080 to Court/Litigants	2A-080	0 days	Fri 3/17/17	Fri 3/17/17	159																					
161	488	Court/Litigant Review of WO 2A-080	2A-080	5 days	Mon 3/20/17	Fri 3/24/17	160																					
162	489	Revise and Submit Final WO 2A-080	2A-080	5 days	Mon 3/27/17	Fri 3/31/17	161																					
163	490	Court/Litigant Review/Approval of WO 2A-080	2A-080	0 days	Fri 3/31/17	Fri 3/31/17	162																					
164	491	Execute WO 2A-080 - Alternatives Evaluation Report	2A-080	170 days	Mon 4/3/17	Mon 12/4/17																						
165	257	Prepare Draft Alternatives Evaluation Report	2A-080	115 days	Mon 4/3/17	Thu 9/14/17	156,58FF,163																					
166	258	Submit Draft Alternatives Evaluation Report to Court/Litigants	2A-080	0 days	Thu 9/14/17	Thu 9/14/17	165																					



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Task	Milestone	Project Summary	External Milestone	Critical	Progress
Split	Summary	External Tasks	Deadline	Critical Split	

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecessors	Half 1, 2016					Half 2, 2016					Half 1, 2017					Half 2, 2017																	
								J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D									
167	259	Court/Litigants Review and Comment	2A-080	30 days	Fri 9/15/17	Thu 10/26/17	166																																	
168	260	Alternatives Evaluation Report Revisions	2A-080	25 days	Fri 10/27/17	Mon 12/4/17	167,74FF																																	
169	261	Submit Final Alternatives Evaluation Report	2A-080	0 days	Mon 12/4/17	Mon 12/4/17	168																																	
170	262	BENCH-SCALE/PILOT STUDIES		737 days	Fri 10/28/16	Fri 9/13/19																																		
171	329 ✓	Preparation and Approval of WO 2A-020: Bench-Scale/Pilot Studies: Scoping Memorandum	2A-020	24 days	Fri 10/28/16	Wed 11/30/16	293																																	
172	443	Execute WO 2A-020 - Bench-Scale/Pilot Studies: Scoping Me	2A-020	83 days	Thu 12/1/16	Wed 3/29/17																																		
173	330 ✓	Prepare Draft Bench-Scale/Pilot Studies Scoping Memorandum	2A-020	58 days	Thu 12/1/16	Wed 2/22/17	171																																	
174	331 ✓	Submit Draft Bench-Scale/Pilot Studies Scoping Memorandum to Court/Litigants	2A-020	0 days	Wed 2/22/17	Wed 2/22/17	173																																	
175	332	Court/Litigants Review & Comment	2A-020	15 days	Thu 2/23/17	Wed 3/15/17	174																																	
176	333	Draft Bench-Scale/Pilot Studies Scoping Memorandum Revisions	2A-020	10 days	Thu 3/16/17	Wed 3/29/17	175																																	
177	334	Submit Final Bench-Scale/Pilot Studies Scoping Memorandum	2A-020	0 days	Wed 3/29/17	Wed 3/29/17	176																																	
178	263	Preparation and Approval of WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	30 days	Thu 2/23/17	Wed 4/5/17	173																																	
179	445	Prepare WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	15 days	Thu 2/23/17	Wed 3/15/17	174																																	
180	446	Submit WO 2A-030A to Court/Litigants	2A-030A	0 days	Wed 3/15/17	Wed 3/15/17	179																																	
181	448	Court/Litigant Review of WO 2A-030A	2A-030A	5 days	Thu 3/16/17	Wed 3/22/17	180																																	
182	449	Revise and Submit Final WO 2A-030A	2A-030A	5 days	Thu 3/23/17	Wed 3/29/17	181																																	
183	447	Court/Litigant Review/Approval of WO 2A-030A	2A-030A	5 days	Thu 3/30/17	Wed 4/5/17	182																																	
184	335	Execute WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	40 days	Thu 4/6/17	Thu 6/1/17	173																																	
185	457	Prepare Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	20 days	Thu 4/6/17	Wed 5/3/17	183																																	
186	458	Submit Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability to Court/Litigants	2A-030A	0 days	Wed 5/3/17	Wed 5/3/17	185																																	
187	454	Court/Litigants Review & Comment	2A-030A	10 days	Thu 5/4/17	Wed 5/17/17	186																																	
188	455	Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability Revisions	2A-030A	10 days	Thu 5/18/17	Thu 6/1/17	187																																	
189	456	Submit Final Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	0 days	Thu 6/1/17	Thu 6/1/17	188																																	
190	624	Preparation and Approval of WO 2A-030B: Bench-Scale/Pilot Studies: Phase 2 Work Plan – Pilot-Scale	2A-030B	35 days	Thu 5/4/17	Thu 6/22/17																																		
191	625	Prepare WO 2A-030B: Bench-Scale/Pilot Studies: Phase 2 Work Plan – Pilot-Scale Studies	2A-030B	20 days	Thu 5/4/17	Thu 6/1/17	186																																	
192	626	Submit WO 2A-030B to Court/Litigants	2A-030B	0 days	Thu 6/1/17	Thu 6/1/17	191																																	
193	627	Court/Litigant Review of WO 2A-030B	2A-030B	5 days	Fri 6/2/17	Thu 6/8/17	192																																	
194	628	Revise and Submit Final WO 2A-030B	2A-030B	5 days	Fri 6/9/17	Thu 6/15/17	193																																	
195	629	Court/Litigant Review/Approval of WO 2A-030B	2A-030B	5 days	Fri 6/16/17	Thu 6/22/17	194																																	
196	526	Execute WO 2A-030B - Bench-Scale/Pilot Studies: Phase 2 Work Plan – Pilot-Scale Studies	2A-030B	70 days	Fri 6/23/17	Tue 10/3/17																																		
197	527	Prepare Draft Phase 2 Work Plan – Pilot-Scale Studies	2A-030B	45 days	Fri 6/23/17	Mon 8/28/17	195																																	
198	528	Submit Draft Phase 2 Work Plan – Pilot-Scale Studies to Co	2A-030B	0 days	Mon 8/28/17	Mon 8/28/17	197																																	

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Task Milestone

Project Summary

External Milestone

Critical

Progress

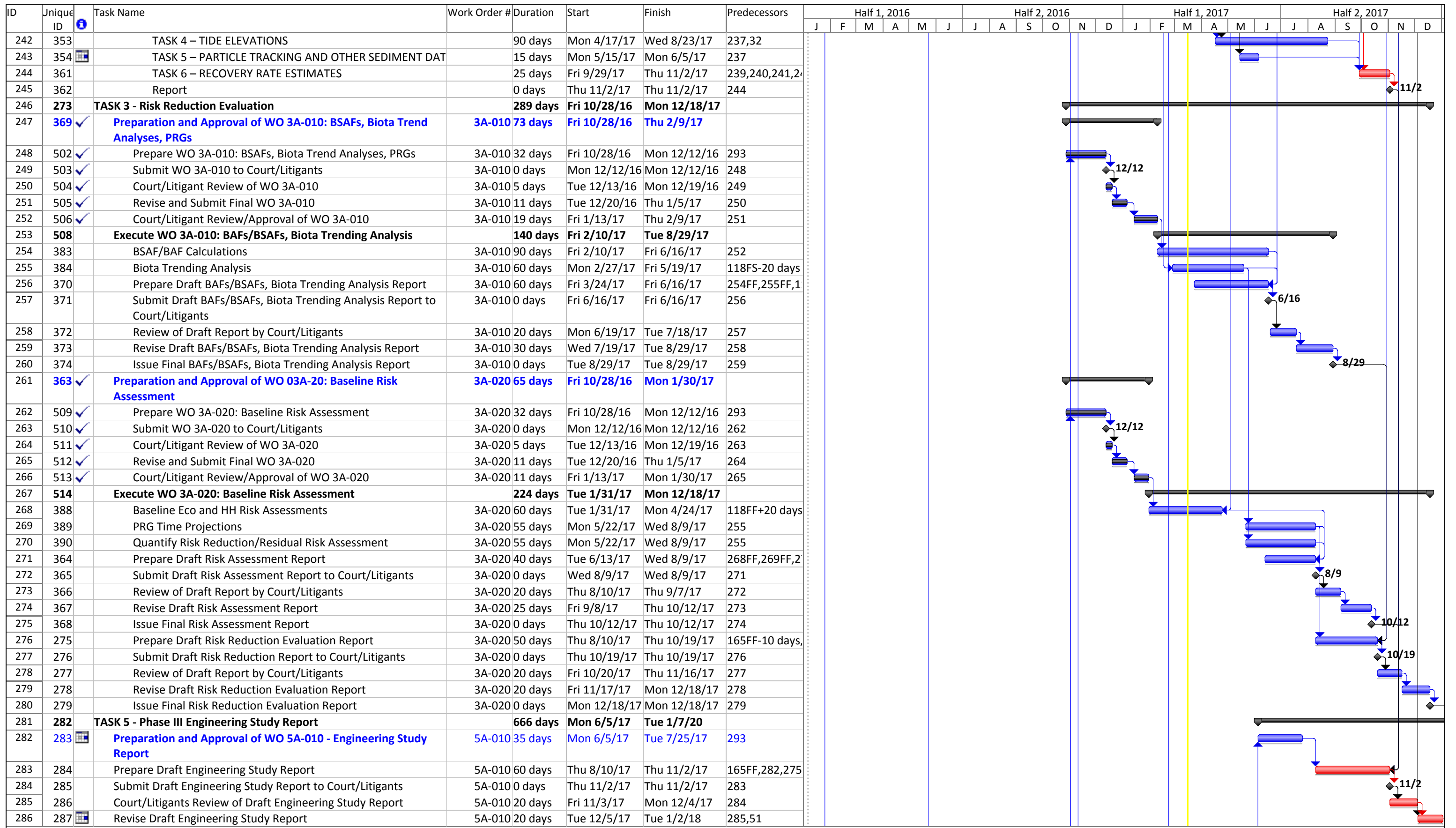
Split

Summary

External Tasks

Deadline

Critical Split



Project: 2017-03-15 Penobscot Ri
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Task Milestone Summary

External Tasks

Project Summary External Milestone







Deadline





Critical Critical Split

Progress

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecessors	Half 1, 2016					Half 2, 2016					Half 1, 2017					Half 2, 2017						
								J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
287	288	Submit Final Engineering Study Report	5A-010	0 days	Tue 1/2/18	Tue 1/2/18	307,169FF,280																						
288	289	Supplemental Report - 2017 Monitoring & Pilot Studies	5A-010	45 days	Wed 11/6/19	Tue 1/7/20	140,287FF+520																						
289	290	Task 6 - Meetings/Communications	001/002	452 days	Tue 1/26/16	Thu 10/26/17																							
290	291	Project Kickoff Meeting	001/002	1 day	Tue 1/26/16	Tue 1/26/16	2																						
291	292	May 2016 Quarterly Status Meeting	001/002	1 day	Thu 5/12/16	Thu 5/12/16	290																						
292	293	July 2016 Quarterly Status Meeting	001/002	1 day	Thu 7/21/16	Thu 7/21/16	291																						
293	294	October 2016 Quarterly Status Meeting	001/002	1 day	Thu 10/27/16	Thu 10/27/16	292																						
294	328	Preparation and Approval of WO 6A-010 Meetings and Communication	6A-010	20 days	Fri 10/28/16	Thu 11/24/16	293																						
295	295	January 2017 Quarterly Status Meeting	6A-010	1 day	Thu 1/19/17	Thu 1/19/17	294																						
296	582	Monthly Project Status Call	6A-010	1 day	Thu 3/2/17	Thu 3/2/17																							
297	581	Monthly Project Status Call	6A-010	1 day	Thu 3/30/17	Thu 3/30/17																							
298	516	Mtg w/ Study Panel (Boston)	6A-010	1 day	Mon 4/24/17	Mon 4/24/17																							
299	296	April 2017 Quarterly Status Meeting (Boston)	6A-010	1 day	Tue 4/25/17	Tue 4/25/17																							
300	381	Preparation and Approval of WO 6A-020 - Aug thru Dec Meetings and Communication	6A-020	25 days	Wed 5/24/17	Wed 6/28/17	294FS+120 days																						
301	635	Prepare WO 6A-020	6A-020	5 days	Wed 5/24/17	Wed 5/31/17	299FS+20 days																						
302	636	Submit WO 6A-020 to Court/Litigants	6A-020	0 days	Wed 5/31/17	Wed 5/31/17	301																						
303	637	Court/Litigant Review of WO 6A-020	6A-020	10 days	Thu 6/1/17	Wed 6/14/17	302																						
304	638	Revise and Submit Final WO 6A-020	6A-020	5 days	Thu 6/15/17	Wed 6/21/17	303																						
305	639	Court/Litigant Review/Approval of WO 6A-020	6A-020	5 days	Thu 6/22/17	Wed 6/28/17	304																						
306	297	July 2017 Quarterly Status Meeting	6A-020	1 day	Thu 7/20/17	Thu 7/20/17	305																						
307	298	October 2017 Quarterly Status Meeting	6A-020	1 day	Thu 10/26/17	Thu 10/26/17	306																						
308	299	Task 7 - Community Involvement	006	408 days	Tue 5/24/16	Wed 12/27/17																							
309	307	Preparation and Approval of WO 006 - Community Involvement	006	60 days	Tue 5/24/16	Mon 8/15/16	2																						
310	300	Research & Planning	006	79 days	Tue 8/16/16	Fri 12/2/16	309																						
311	301	Fact Sheet	006	79 days	Tue 8/16/16	Fri 12/2/16	309																						
312	302	Develop Draft Project Website	006	68 days	Mon 12/5/16	Fri 3/10/17	311																						
313	376	Litigants Review of Revised website	006	11 days	Mon 3/13/17	Mon 3/27/17	312																						
314	377	Revisions to Website from Litigants' Comments	006	10 days	Tue 3/28/17	Mon 4/10/17	313																						
315	378	Final Website preparation	006	5 days	Tue 4/11/17	Mon 4/17/17	314																						
316	303	Potential Stakeholders & Project Mailing List	006	20 days	Mon 3/13/17	Fri 4/7/17	312																						
317	304	Communications with Stakeholders	006	40 days	Tue 4/18/17	Tue 6/13/17	310,311,316,30																						
318	306	Consultation Tracking & Reporting	006	40 days	Tue 4/18/17	Tue 6/13/17	310,311,316,30																						
319	305	Draft Communication & Community Involvement Plan	006	45 days	Wed 6/14/17	Thu 8/17/17	317,318																						
320	308	Preparation and Approval of WO 7A-010 - Implementation of Community Involvement Plan	006	20 days	Fri 8/18/17	Fri 9/15/17	319																						
321	375	Implement Community Involvement Plan	006	70 days	Mon 9/18/17	Wed 12/27/17	320																						

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Task  Milestone  Project Summary  External Milestone  Critical  Progress 

Split  Summary  External Tasks  Deadline  Critical Split 