April 23, 2017

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

Subject: Monthly Status Report 15 for March 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 March 1, 2017 through March 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*
  - The Final Technology Screening Report was submitted to the Special Master/Litigants on March 2, 2017.
- *Work Order 2A-020 - Treatability/Pilot Studies: Scoping Memorandum*
  - March 10, 2017: comments on the Draft Treatability/Pilot Studies Scoping Memorandum were received from NRDC
  - March 27, 2017: comments on the Draft Treatability/Pilot Studies Scoping Memorandum were received from Mallinckrodt
  - March 30, 2017: monthly project status call discussion items included comments from Litigants on the Draft Treatability/Pilot Studies Scoping Memorandum
- *Work Order 2A-030A - Bench-Scale/Pilot Studies: Phase 1 Work Plans - Bench Scale & Pilot-Scale Constructability*
  - March 18, 2017: Amec Foster Wheeler submits WO 2A-030A to the Special Master/Litigants for review
- *Work Order 2A-080 – Alternatives Evaluation Report*
  - March 23, 2017: Amec Foster Wheeler submits WO 2A-080 to the Special Master/Litigants for review

Tasks 3/3A - Risk Reduction Evaluation

- *Work Order 3A-010 - BAFs/BSAFs, Biota Trending Analysis:*

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

- Work on BAF/BSAF calculations and biota trending analyses continued in early March 2017.

- *Work Order 3A-020 – Baseline Risk Assessments:*
  - Work on baseline risk assessments continued in March 2017

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

- *Work Orders 003/003A - Mobile Sediment Pool Characterization:*
  - March 14, 2017: Mallinckrodt submits questions on project analytical database
  - March 20, 2017: Amec Foster Wheeler submits response to Mallinckrodt's comments/questions on the project analytical database
  - March 23, 2017: Project analytical database packaged and submitted to the project SharePoint site for the Special Master/Litigants
  - The remaining scope of WOs 003/003A is expected to be completed within budget
- *Work Order 004 - 2016 Sediment and Water Quality Monitoring:*
  - March 28, 2017: the Draft 2016 Sediment and Water Quality Monitoring Report was submitted to the Special Master/Litigants
- *Work Order 005 - 2016 Biota Monitoring:*
  - Data validation of black duck analytical data completed in March 2017
  - March 23, 2017: Amec Foster Wheeler submits WO 005B – 2017 Historical Database Research & Update for additional funding to update the project database with physical data not previously entered (e.g., bird weight, mussel length, etc.)
  - Development of the Draft 2016 Biota Monitoring Report continued in March
  - Permits for collection of biota in 2017 were received from Maine DIFW for bird banding and Maine DMR for fish and shellfish collection; labor charges for obtaining these permits may be transferred to WO 4A-050 for 2017 biota monitoring when that work order is awarded
  - At the current time, the remaining scope of WO 005 is expected to be completed within budget
- *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 analyzed by the laboratories for the proposed analyses
  - For Task 3 - Data Mining to Detect Trends, EMAP data was imported into the database, and classification of sediment samples by zone was completed
  - Continued development and refinement of the Conceptual Site Model for the project
- *Work Order 4A-020 - Analyses/Evaluation of WO 003A Samples*:
  - March 8, 2017: Work Order 4A-020A - Tasks 2-5 Amendment approval received from the Special Master
  - Analysis of mobile pool sediments/wood debris and subtidal sediments collected in October 2016 continued in March 2017
  - Assessment of preliminary analytical results initiated
- *Work Order 4A-040 – 2017 Sediment and Water Quality Monitoring*:

- Amec Foster Wheeler prepared WO 4A-040 for 2017 Sediment and Water Quality Monitoring

- *Work Order 4A-050 – 2017 Biota Monitoring*:
  - March 30, 2017: Amec Foster Wheeler submitted WO 4A-050 – 2017 Biota Monitoring to the Special Master/Litigants for review

Tasks 6A – Meetings/Communications

- *Work Order 6A-010 - Meetings/Reporting: Nov 2016 thru July 2017*
  - Prepared for and attended March 2, 2017 Monthly Project Status Call with Special Master/Litigants
  - March 6, 2017: Amec Foster Wheeler submitted meeting minutes to the Special Master/Litigants for the March 2, 2017 Monthly Project Status Call
  - March 16, 2017: Amec Foster Wheeler submitted Invoice # J02206375 and Monthly Report for the month of February 2017 to the Special Master/Litigants
  - Project schedule updated, and submitted with this monthly report as an attachment
  - Prepared for and attended March 30, 2017 Monthly Project Status Call with Special Master/Litigants (an additional call was scheduled for April 3, 2017 for further discussion of ongoing activities)

Task 7 – Community Involvement,

- *Work Order 006 - Community Involvement:*
  - March 11, 2017: Amec Foster Wheeler posted draft Community Involvement website content for Special Master/Litigant review
  - March 27, 2017: NRDC submitted comments on Community Involvement Website
  - March 28, 2017: Mallinckrodt submitted comments on Community Involvement Website
  - Meeting to discuss Litigant comments on the Community Involvement Website scheduled for April 11, 2017

PROPOSED ACTIVITES FOR THE FOLLOWING PERIOD

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

- *Work Order 2A-020 - Treatability/Pilot Studies: Scoping Memorandum*
  - No further activity proposed under this WO; comments received from Litigants will be considered in development of work plans under WO 2A-030A
- *Work Order 2A-030A - Phase 1 Bench-Scale Treatability Studies Work Plan*: Initiate development of the work plans specified in WO 2A-030A scope
- *Work Order 2A-040 - Permitting Support for Pilot-Scale Amendment Plots and Alternatives Evaluation*: Submit work order for review by Special Master/Litigants
- *Work Order 2A-080 - Alternatives Evaluation* - Initiate development of remedial alternatives
- *Work Order 2A-100: Recovery Times & Sediment(Hg) Transport* – submit WO for review by Special Master/Litigants

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 baseline risk assessments

Task 4 - Potential Data Needs and Additional Field Work

- *Work Orders 003/003A - Mobile Sediment Pool Characterization:*
  - Submit updated project database including validated WO 4A-020 data to the project SharePoint site
- *Work Order 004 – 2016 Sediment and Water Quality Monitoring:*
  - Review comments on Draft 2016 Sediment and Water Quality Monitoring Report, and revise report as necessary
- *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 analytical methods development and comparison study, organic content study, and CSM refinement
- *Work Order 4A-020 - Analyses/Evaluation of WO 003A Samples*:
  - Continue to develop written report of results of mobile pool investigations conducted under WOs 003, 003A, and 4A-020
- *Work Order 4A-030 - Additional Sediment and Wetland Characterization:*
  - Submit work order proposing additional wetland characterization sampling for areas outside of those previously sampled
- *Work Order 4A-040 - 2017 Sediment & Water Quality Monitoring:*
  - Conduct first round of water quality monitoring during spring freshet
- *Work Order 4A-050 - 2017 Biota Monitoring*
  - Prepare for bird monitoring to be conducted in early June 2017
- *Work Order 4A-060 - Additional Mobile Pool Characterization*
  - Prepare WO 4A-060 for additional mobile pool characterization to be conducted summer 2017

Task 5 - Phase III Engineering Study Report

- No activities planned for the upcoming reporting period

Task 6A – Meetings/Communications

- Prepare for and attended April 3, 2017 Monthly Project Status Call with Special Master/Litigants (this will be a follow-on call from the March 30, 2017 Monthly Project status Call)

- Prepare and submit invoice, monthly report, cash flow projection, and updated project schedule for March 2017 to the Special Master/Litigants prior to April 25, 2017 Quarterly Project Status Meeting in Boston, MA
- Prepare for and attend April 24, 2017 meeting in Boston, MA with PRMS Study Panel members
- Prepare for and attend April 25, 2017 Quarterly Project Status Meeting in Boston, MA with the Special Master/Litigants

Task 7 – Community Involvement

- Attend April 11, 2017 call to discuss Litigant comments on Community Involvement Website
- Revise website based on comments
- Develop Community Involvement online survey for Special Master/Litigant review

FUTURE MEETINGS, AND CONFERENCE CALLS

- 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
- Monthly Project Status Calls will be held from 2-3PM (Eastern time) on the following dates:
    - May 2017 (TBD)
    - June 2017 (TBD)

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

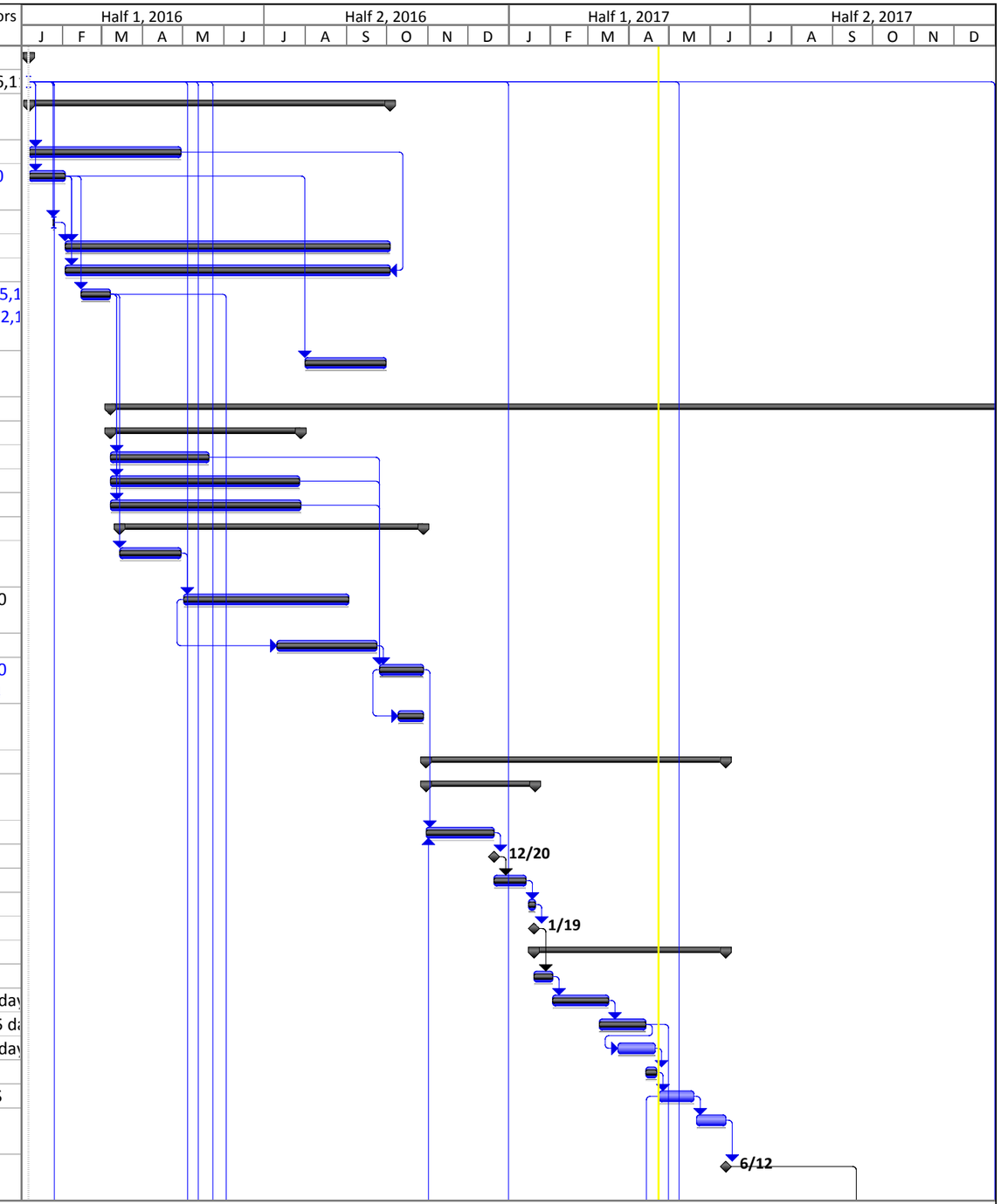
Attachments

Attachment A - Cash Flow Projection
Attachment B - Project Schedule (v_23Apr2017)

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

ATTACHMENT B – PROJECT SCHEDULE
V_23Apr2017
Penobscot River Estuary Phase III - Engineering Study

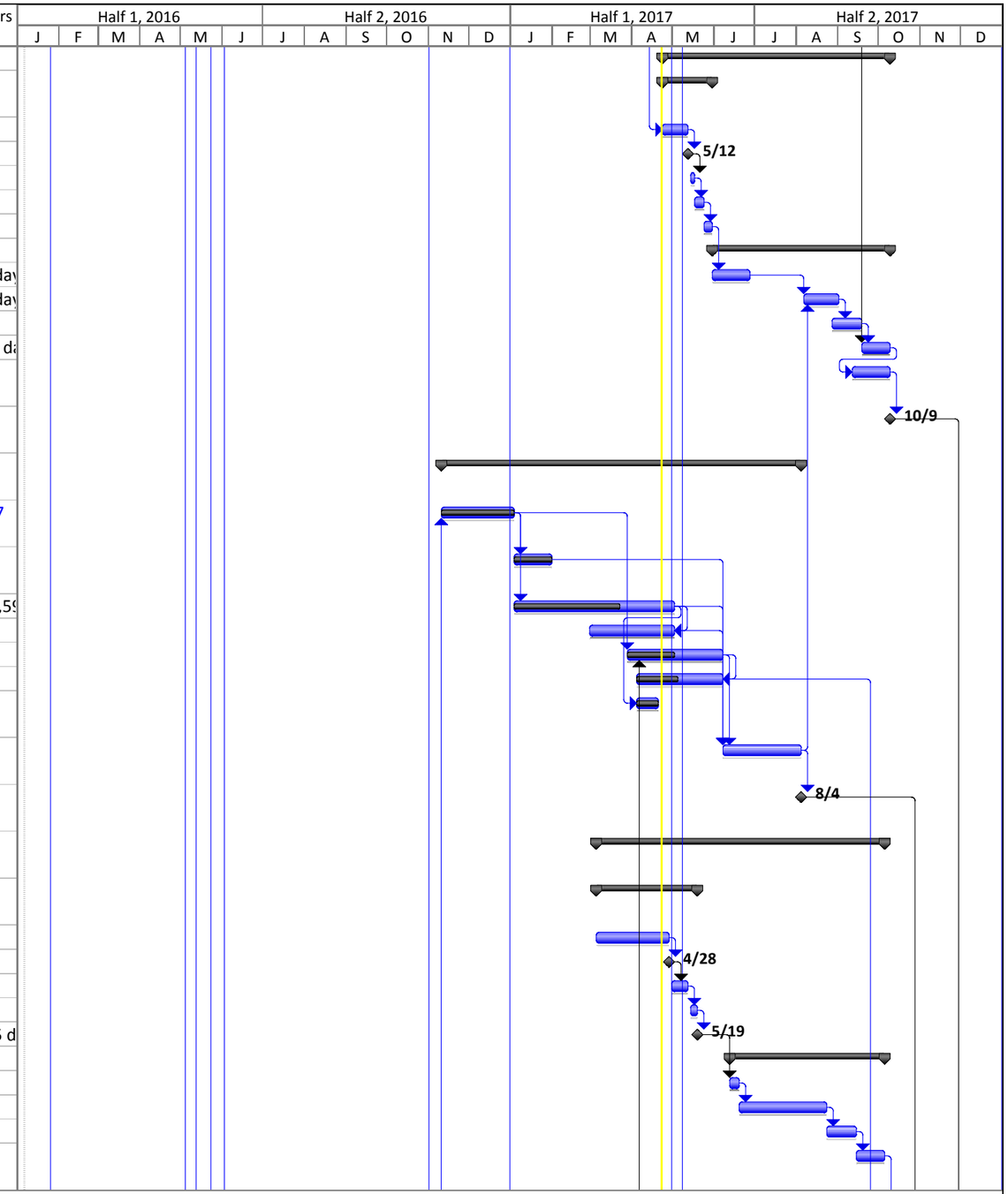
ID	Unique ID		Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
1	**157**	✓	**Penobscot River**		**1 day**	**Wed 1/6/16**	**Wed 1/6/16**		
2	158	✓	Project Award		1 day	Wed 1/6/16	Wed 1/6/16		4,5,6,76,1
3	**159**	✓	**TASK 1 - Understanding the Problem and Existing Background Information**		**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	8FF
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	7,8,9,10
6	162	✓	Conference with Study Panel		1 day	Mon 1/25/16	Mon 1/25/16	2	7
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	13,14,15,1 days,112,1
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**		**531 days**	**Tue 3/8/16**	**Mon 4/2/18**		
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	20
14	169	✓	Submit Quality Assurance Project Plan	004	102 days	Tue 3/8/16	Wed 7/27/16	9	20
15	170	✓	Submit Field Sampling Plan	004	103 days	Tue 3/8/16	Thu 7/28/16	9	20
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
18	172	✓	Mobile Sediment Pool Remote Sensing and Sampling (WO 003)	003/003A	90 days	Mon 5/2/16	Fri 9/2/16	17	19SS+50 days
19	173	✓	Evaluate Findings of Mobile Sediment Pool Remote S	003/003A	55 days	Mon 7/11/16	Fri 9/23/16	18SS+50 d	20
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	19,13,14,1	21SS+10 days,24
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
25	468	✓	Submit WO 4A-020 to Court/Litigants	4A-020	0 days	Tue 12/20/16	Tue 12/20/16	24	26
26	469	✓	Court/Litigant Review of WO 4A-020	4A-020	16 days	Wed 12/21/16	Fri 1/13/17	25	27
27	470	✓	Revise and Submit Final WO 4A-020	4A-020	5 days	Mon 1/16/17	Fri 1/20/17	26	28
28	471	✓	Court/Litigant Review/Approval of WO 4A-020	4A-020	0 days	Thu 1/19/17	Thu 1/19/17	27	30
29	**429**		**Execution of WO 4A-020 - Analysis/Evaluation of W**	**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
31	430	✓	Tasks 2-5: Sample Homogenization/Subsampling	4A-020	30 days	Fri 2/3/17	Thu 3/16/17	30	32FS-5 day
32	432	✓	Tasks 2-5: Laboratory Analyses	4A-020	25 days	Fri 3/10/17	Thu 4/13/17	31FS-5 day	33FS-15 da
33	175		Task 6: Data Validation	4A-020	20 days	Fri 3/24/17	Thu 4/20/17	32FS-15 da	34FS-5 day
34	515	✓	Development of Figs/Tables for 24Apr Study Pan	4A-020	6 days	Fri 4/14/17	Fri 4/21/17	33FS-5 day	35
35	428		Task 6: Data Reduction/Interpretation	4A-020	20 days	Mon 4/24/17	Fri 5/19/17	34	36,40SS
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
37	177		Task 6: Submit DRAFT Mobile Pool Characterization Summary Report to	4A-020	0 days	Mon 6/12/17	Mon 6/12/17	36	49



Project: Penobscot River Project S
Date: Sun 4/23/17

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

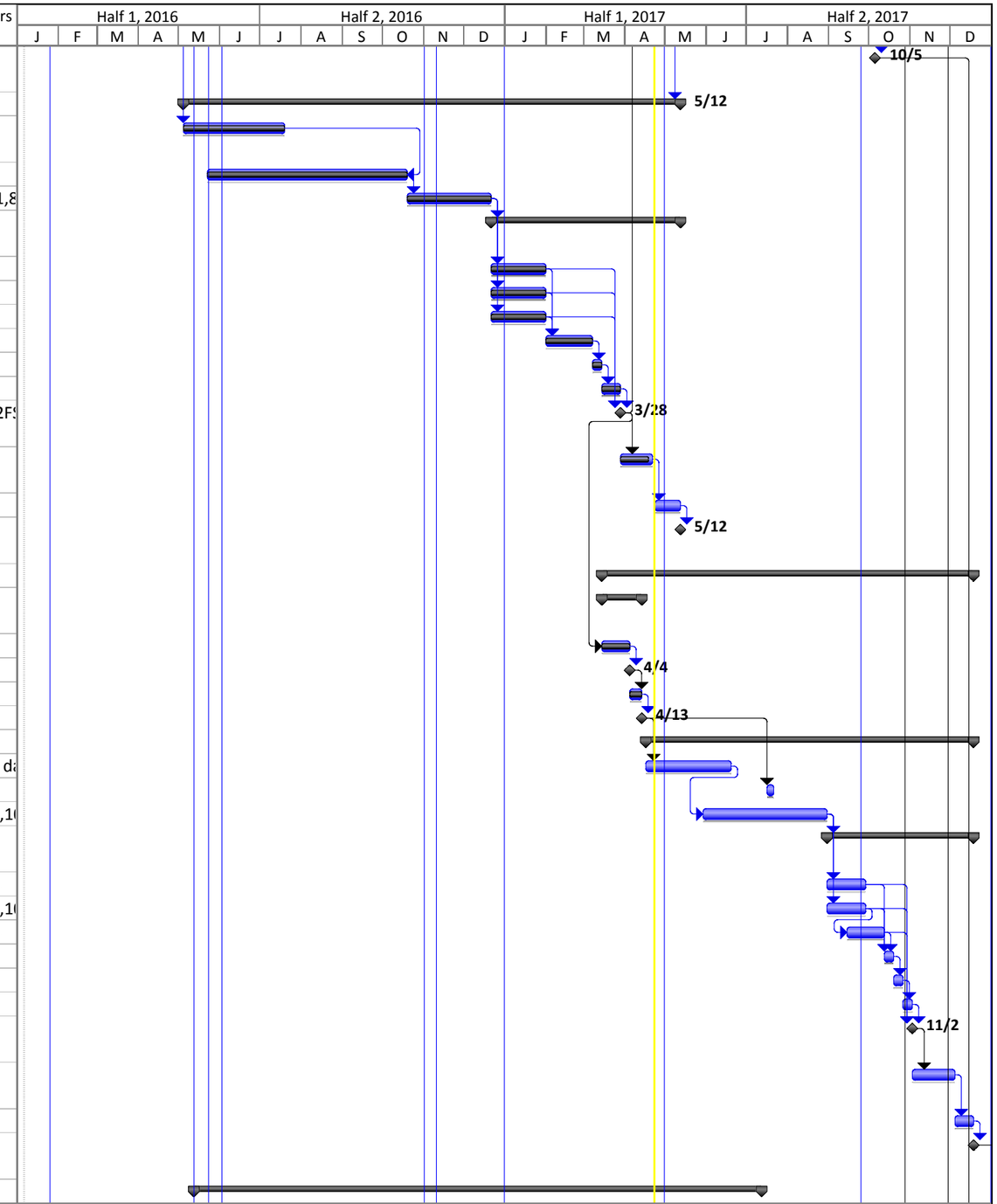
ID	Unique ID		Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
38	**451**		**WO 4A-060 Potential Additional Mobile Pool Investigat**	**4A-060**	**117 days**	**Mon 4/24/17**	**Mon 10/9/17**		
39	**178**		**Preparation and Approval of WO 4A-060 - Potential Additional Mobile Pool Investigation**	**4A-060**	**26 days**	**Mon 4/24/17**	**Tue 5/30/17**		
40	435		Prepare WO 4A-060	4A-060	15 days	Mon 4/24/17	Fri 5/12/17	35SS	41
41	434		Submit WO 4A-060 to Court/Litigants	4A-060	0 days	Fri 5/12/17	Fri 5/12/17	40	42
42	437		Court/Litigant Review of WO 4A-060	4A-060	3 days	Mon 5/15/17	Wed 5/17/17	41	43
43	436		Revise and Submit Final WO 4A-060	4A-060	5 days	Thu 5/18/17	Wed 5/24/17	42	44
44	438		Court/Litigant Review/Approval of WO 4A-060	4A-060	3 days	Thu 5/25/17	Tue 5/30/17	43	46
45	**433**		**Execution of WO 4A-060 - Potential Addtl. Mobile P**	**4A-060**	**91 days**	**Wed 5/31/17**	**Mon 10/9/17**		
46	179		Potential Additional Mobile Pool Investigation	4A-060	20 days	Wed 5/31/17	Tue 6/27/17	44	47FS-5 day
47	184		Laboratory Analyses	4A-060	20 days	Mon 8/7/17	Fri 9/1/17	46FS-5 day	48FS-5 day
48	439		Data Validation	4A-060	15 days	Mon 8/28/17	Mon 9/18/17	47FS-5 day	49
49	440		Data Reduction/Interpretation	4A-060	15 days	Tue 9/19/17	Mon 10/9/17	48,37	50FS-20 da
50	185		Prepare DRAFT Mobile Pool Characterization Summary Report	4A-060	20 days	Tue 9/12/17	Mon 10/9/17	49FS-20 days	51
51	316		Submit DRAFT Mobile Pool Characterization Summary Report Update to Court/Litigants	4A-060	0 days	Mon 10/9/17	Mon 10/9/17	50	286
52	**222**		**WO 4A-010 Analytical Methods Evaluation and Organic Content Study**	**4A-010**	**186 days**	**Fri 11/11/16**	**Fri 8/4/17**		
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	54,55,57
54	224	✓	Develop Sediment Sample Collection & Processing Methodology	4A-010	20 days	Wed 1/4/17	Tue 1/31/17	53	60
55	225		Conduct Analytical Methods Evaluation	4A-010	85 days	Wed 1/4/17	Tue 5/2/17	53	56FF,60,59
56	227		Conduct Organic Content Study	4A-010	45 days	Wed 3/1/17	Tue 5/2/17	55FF	60
57	229		Data Mining to Detect Trends	4A-010	50 days	Wed 3/29/17	Wed 6/7/17	53,86	60,58FF
58	230		Documenting Conceptual Site Model Refinements	4A-010	45 days	Wed 4/5/17	Wed 6/7/17	57FF	163FF
59	517	✓	Develop Analytical Methods/Trends/CSM Slides for 24Apr Study Panel Mtg	6A-010	11 days	Wed 4/5/17	Thu 4/20/17	55FS-10 days	
60	231		Prepare Analytical Methods and Organic Content Study Technical Memorandum	4A-010	40 days	Thu 6/8/17	Fri 8/4/17	54,55,56,5	61,47
61	232		Submit Analytical Methods & Organic Content Study Technical Memorandum to Court/Litigants	4A-010	0 days	Fri 8/4/17	Fri 8/4/17	60	283FF
62	**214**		**WO 4A-030 Wetlands and Intertidal HG Sediment Characterization**	**4A-030**	**150 days**	**Mon 3/6/17**	**Thu 10/5/17**		
63	**215**		**Preparation and Approval of WO 4A-030 - Wetland/Intertidal Sed Characterization**	**4A-030**	**55 days**	**Mon 3/6/17**	**Fri 5/19/17**		
64	461		Prepare WO 4A-030	4A-030	40 days	Mon 3/6/17	Fri 4/28/17		65
65	462		Submit WO 4A-030 to Court/Litigants	4A-030	0 days	Fri 4/28/17	Fri 4/28/17	64	66
66	463		Court/Litigant Review of WO 4A-030	4A-030	10 days	Mon 5/1/17	Fri 5/12/17	65	67
67	464		Revise and Submit Final WO 4A-030	4A-030	5 days	Mon 5/15/17	Fri 5/19/17	66	68
68	465		Court/Litigant Review/Approval of WO 4A-030	4A-030	0 days	Fri 5/19/17	Fri 5/19/17	67	70FS+15 d
69	**466**		**Execute WO 4A-030 Wetland/Intertidal Sed Charact**	**4A-030**	**80 days**	**Tue 6/13/17**	**Thu 10/5/17**		
70	217		Wetland/Intertidal Sediment Sampling	4A-030	5 days	Tue 6/13/17	Mon 6/19/17	68FS+15 d	71
71	218		Analyses & Data Validation	4A-030	45 days	Tue 6/20/17	Wed 8/23/17	70	72
72	219		Data Interpretation & Reduction	4A-030	15 days	Thu 8/24/17	Thu 9/14/17	71	73
73	220		Prepare Wetland/Intertidal Sed Characterization Technical Memorandum	4A-030	15 days	Fri 9/15/17	Thu 10/5/17	72	74



Project: Penobscot River Project S
Date: Sun 4/23/17

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

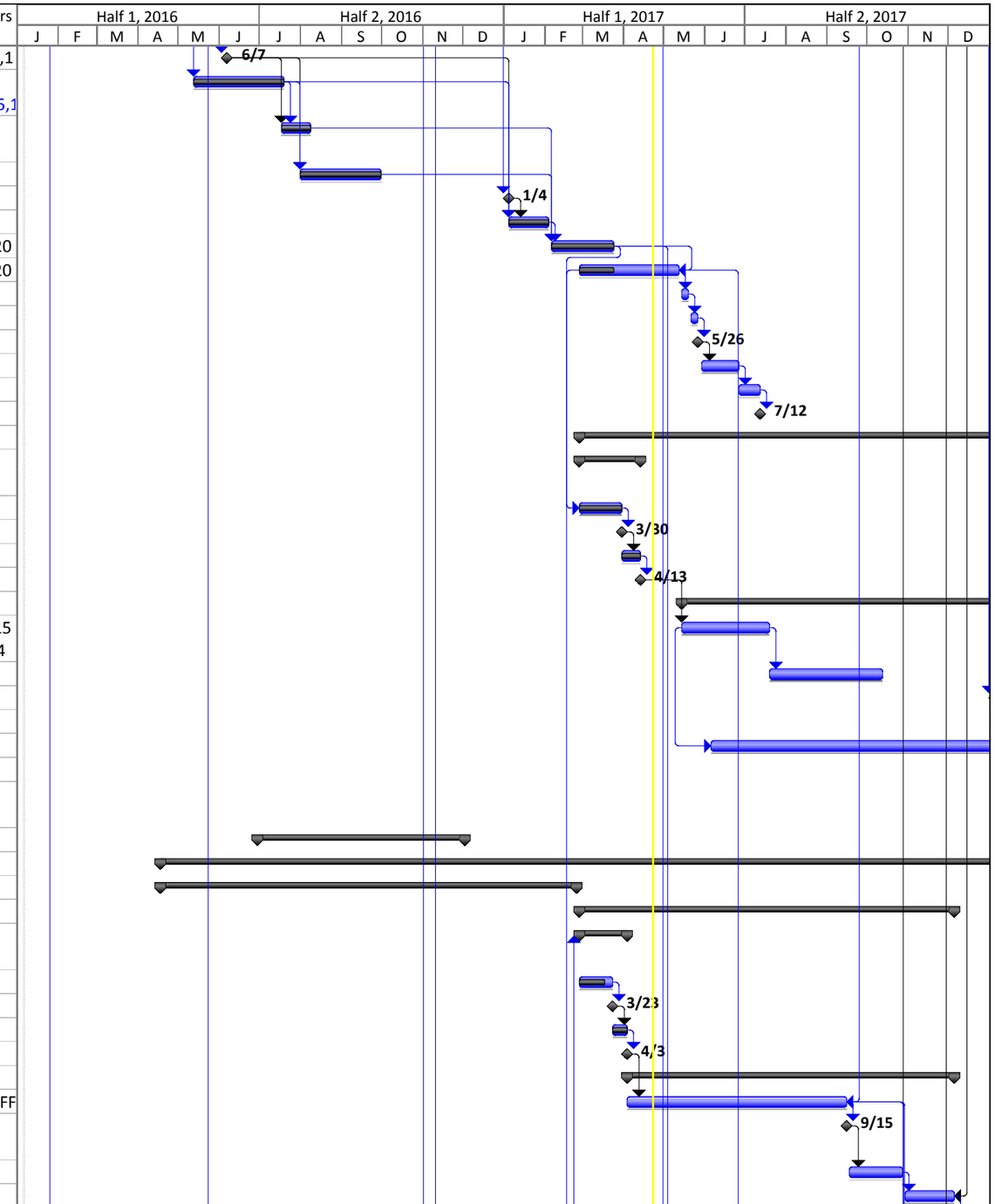
ID	Unique ID		Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
74	221		Submit Wetland/Intertidal Sed Characterization Technical Memorandum to Court/Litigants	4A-030	0 days	Thu 10/5/17	Thu 10/5/17	73	166FF
75	**186**		**WO 004 2016 Sediment & Water Quality Monitoring**	**004**	**265 days**	**Thu 5/5/16**	**Fri 5/12/17**	**2**	
76	318	✓	**Preparation and Approval of WO 004 - 2016 Sed & Water Quality Monitoring**	004	54 days	Thu 5/5/16	Tue 7/19/16	2	77FF
77	187	✓	2016 Sediment & Water Quality Monitoring WO 004	004	108 days	Mon 5/23/16	Wed 10/19/16	76FF	78
78	188	✓	Analyses & Data Validation	004	45 days	Thu 10/20/16	Wed 12/21/16	77	79,80,81,8
79	**189**		**Prepare Draft 2016 Sediment & Water Quality Monitoring Report**	**004**	**100 days**	**Thu 12/22/16**	**Fri 5/12/17**	**78**	
80	391	✓	Perform Statistical Analyses	004	27 days	Thu 12/22/16	Tue 1/31/17	78	86,83
81	392	✓	Prepare Table, Figures, Appendices	004	27 days	Thu 12/22/16	Tue 1/31/17	78	86,83
82	393	✓	Prepare Draft Text	004	27 days	Thu 12/22/16	Tue 1/31/17	78	86,83
83	394	✓	Compile Draft Report and Submit for Internal Rev	004	25 days	Wed 2/1/17	Tue 3/7/17	80,81,82	84
84	395	✓	Internal Review of Draft Report	004	5 days	Wed 3/8/17	Tue 3/14/17	83	85
85	396	✓	Revise Report and Prepare Draft for Client Submi	004	10 days	Wed 3/15/17	Tue 3/28/17	84	86
86	190	✓	Submit Draft 2016 Sediment & Water Quality Monitoring Report to Court/Litigants	004	0 days	Tue 3/28/17	Tue 3/28/17	80,81,82,8	87,57,92FS days
87	399		Review of Draft 2016 Sediment & Water Quality Monitoring Report by Court/Litigants	004	18 days	Wed 3/29/17	Fri 4/21/17	86	88
88	398		Revise Draft Report based on Court/Litigants con	004	15 days	Mon 4/24/17	Fri 5/12/17	87	89
89	397		Issue Final 2016 Water Quality and Sediment Monitoring Report	004	0 days	Fri 5/12/17	Fri 5/12/17	88	
90	**452**		**WO 4A-040 2017 Sediment & Water Quality Monitoring**	**4A-040**	**193 days**	**Wed 3/15/17**	**Mon 12/18/17**		
91	**319**	✓	**Preparation and Approval of WO 4A-040 - 2017 Sediment & Water Quality Monitoring**	**4A-040**	**22 days**	**Wed 3/15/17**	**Thu 4/13/17**		
92	474	✓	Prepare WO 4A-040	4A-040	15 days	Wed 3/15/17	Tue 4/4/17	86FS-10 d	93
93	475	✓	Submit WO 4A-040 to Court/Litigants	4A-040	0 days	Tue 4/4/17	Tue 4/4/17	92	94
94	476	✓	Court/Litigant Review of WO 4A-040	4A-040	7 days	Wed 4/5/17	Thu 4/13/17	93	95
95	478	✓	Court/Litigant Review/Approval of WO 4A-040	4A-040	0 days	Thu 4/13/17	Thu 4/13/17	94	97,98
96	**493**		**Execute WO 4A-040 2017 Sediment & Water Quality**	**4A-040**	**170 days**	**Mon 4/17/17**	**Mon 12/18/17**		
97	191		Conduct 2017 Surface Water Monitoring	4A-040	45 days	Mon 4/17/17	Mon 6/19/17	95	99FS-15 d
98	646		Conduct 2017 Sediment Monitoring	4A-040	5 days	Mon 7/17/17	Fri 7/21/17	95	
99	192		Laboratory Analyses & Data Validation	4A-040	65 days	Tue 5/30/17	Wed 8/30/17	97FS-15 d	100,101,1
100	**193**		**Prepare Draft 2017 Sediment & Water Quality Monitoring Report**	**4A-040**	**75 days**	**Thu 8/31/17**	**Mon 12/18/17**	**99**	
101	418		Perform Statistical Analyses	4A-040	20 days	Thu 8/31/17	Thu 9/28/17	99	107,104
102	419		Prepare Table, Figures, Appendices	4A-040	20 days	Thu 8/31/17	Thu 9/28/17	99	107,104,1
103	420		Prepare Draft Text	4A-040	20 days	Fri 9/15/17	Thu 10/12/17	102FS-10	107,104
104	421		Compile Draft Report and Submit for Internal	4A-040	5 days	Fri 10/13/17	Thu 10/19/17	101,102,1	105
105	422		Internal Review of Draft Report	4A-040	5 days	Fri 10/20/17	Thu 10/26/17	104	106
106	423		Revise Report and Prepare Draft for Client Su	4A-040	5 days	Fri 10/27/17	Thu 11/2/17	105	107
107	424		Submit Draft 2017 Sediment & Water Quality Monitoring Report to Court/Litigants	4A-040	0 days	Thu 11/2/17	Thu 11/2/17	101,102,1	108
108	425		Review of Draft 2017 Sediment & Water Quality Monitoring Report by	4A-040	20 days	Fri 11/3/17	Mon 12/4/17	107	109
109	426		Revise Draft Report based on Court/Litigants	4A-040	10 days	Tue 12/5/17	Mon 12/18/17	108	110
110	427		Issue Final 2017 Sediment & Water Quality Monitoring Report	4A-040	0 days	Mon 12/18/17	Mon 12/18/17	109	288
111	**197**		**WO 005 2016 Biota Monitoring**	**005**	**299 days**	**Fri 5/13/16**	**Wed 7/12/17**		



Project: Penobscot River Project S
Date: Sun 4/23/17

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

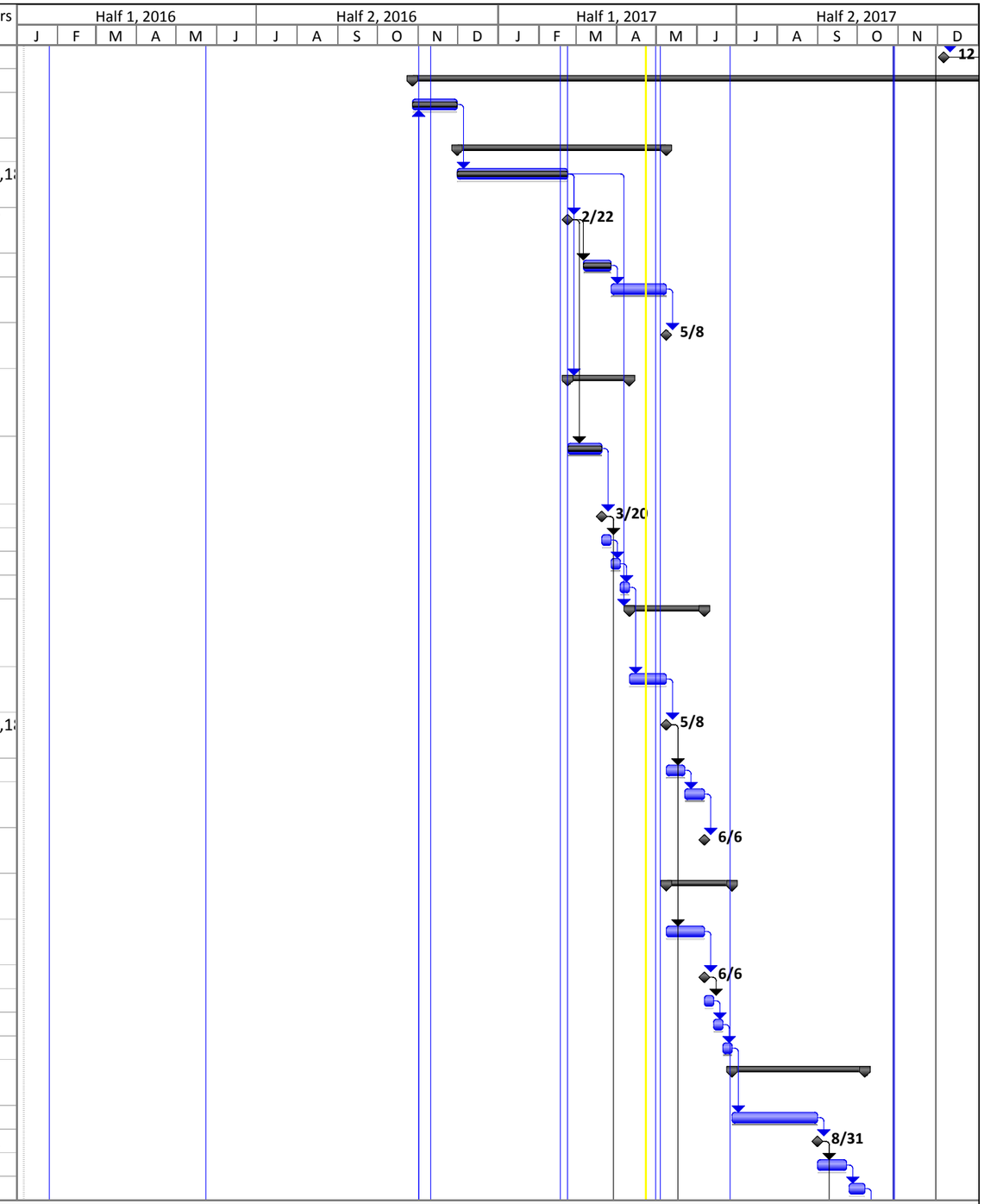
ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
112	198	Submit Draft Biota Monitoring Plan to Court/Litigant	005	0 days	Tue 6/7/16	Tue 6/7/16	9	114,115,1
113	320	**Preparation and Approval of Work Order 005 - 2016 Biota Monitoring**	005	48 days	Fri 5/13/16	Tue 7/19/16	2	114FS-2 days,115,1
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	118
115	199	2016 Biota Monitoring WO 005 - Fish, Eel & Lobster (	005	45 days	Mon 8/1/16	Fri 9/30/16	113,112	118
116	379	End of Duck Hunting Season	005	0 days	Wed 1/4/17	Wed 1/4/17	2	117
117	200	2016 Biota Monitoring WO 005 - Black Duck Collectic	005	22 days	Thu 1/5/17	Fri 2/3/17	113,116,1	118
118	201	Analyses & Data Validation	005	35 days	Mon 2/6/17	Fri 3/24/17	114,115,1	119FF+20
119	202	Prepare Draft 2016 Biota Monitoring Report	005	55 days	Mon 2/27/17	Fri 5/12/17	118FF+20	256FF+20
120	645	Internal Review of Draft Report	005	5 days	Mon 5/15/17	Fri 5/19/17	119	121
121	643	Revise Report and Prepare Draft for Client Submittal	005	5 days	Mon 5/22/17	Fri 5/26/17	120	122
122	644	Submit Draft 2016 Biota Monitoring Report to Court,	005	0 days	Fri 5/26/17	Fri 5/26/17	121	123
123	640	Review of Draft 2016 Biota Monitoring Report by Co	005	20 days	Tue 5/30/17	Mon 6/26/17	122	124
124	641	Revise Draft Report based on Court/Litigants comme	005	10 days	Tue 6/27/17	Wed 7/12/17	123	125
125	642	Issue Final 2016 Biota Monitoring Report	005	0 days	Wed 7/12/17	Wed 7/12/17	124	
126	**450**	**WO 4A-050 2017 Biota Monitoring**	**4A-050**	**279 days**	**Mon 2/27/17**	**Mon 4/2/18**		
127	**203**	**Preparation and approval of WO 4A-050 - 2017 Biota Monitoring**	**4A-050**	**34 days**	**Mon 2/27/17**	**Thu 4/13/17**		
128	479	Prepare WO 4A-050	4A-050	24 days	Mon 2/27/17	Thu 3/30/17	119SS	129
129	480	Submit WO 4A-050 to Court/Litigants	4A-050	0 days	Thu 3/30/17	Thu 3/30/17	128	130
130	481	Court/Litigant Review of WO 4A-050	4A-050	10 days	Fri 3/31/17	Thu 4/13/17	129	131
131	483	Court/Litigant Review/Approval of WO 4A-050	4A-050	0 days	Thu 4/13/17	Thu 4/13/17	130	133
132	**494**	**Execute WO 4A-050 2017 Biota Monitoring**	**4A-050**	**224 days**	**Mon 5/15/17**	**Mon 4/2/18**		
133	322	2017 Biota Monitoring - Bird, Insect, Spider, Polychaete Collection	4A-050	45 days	Mon 5/15/17	Wed 7/19/17	131	137SS+15 days,134
134	323	2017 Biota Monitoring - Eel, Fish, & Lobster Coll	4A-050	60 days	Thu 7/20/17	Thu 10/12/17	133	
135	380	End of Duck Hunting Season	4A-050	0 days	Thu 1/4/18	Thu 1/4/18	2	136
136	204	2017 Biota Monitoring - Black Duck Collection	4A-050	22 days	Fri 1/5/18	Mon 2/5/18	135	138
137	205	Analyses & Data Validation	4A-050	190 days	Tue 6/6/17	Tue 3/6/18	133SS+15	
138	206	Prepare Draft 2017 Biota Monitoring Report	4A-050	40 days	Tue 2/6/18	Mon 4/2/18	136	139
139	207	Submit Draft 2017 Biota Monitoring Report to Court/Litigants	4A-050	0 days	Mon 4/2/18	Mon 4/2/18	138	288
140	**209**	**WO 007 2015 ME DMR Lobster and Crab Analyses and I**	**007**	**112 days**	**Thu 6/30/16**	**Fri 12/2/16**		
145	**247**	**TASK 2 - Technologies and Remedial Approaches for Consid**		**879 days**	**Mon 4/18/16**	**Wed 9/18/19**		
146	**248**	**WOs 002 and 2A-010 - Technology Screening Report**	**002**	**223 days**	**Mon 4/18/16**	**Fri 2/24/17**		
156	**255**	**WO 2A-080 Alternatives Evaluation Report**	**2A-080**	**196 days**	**Mon 2/27/17**	**Tue 12/5/17**		
157	**256**	**Preparation and Approval of WO 02A-080: Alternatives Evaluation**	**2A-080**	**26 days**	**Mon 2/27/17**	**Mon 4/3/17**	**293**	
158	486	Prepare WO 2A-080	2A-080	19 days	Mon 2/27/17	Thu 3/23/17		159
159	487	Submit WO 2A-080 to Court/Litigants	2A-080	0 days	Thu 3/23/17	Thu 3/23/17	158	160
160	488	Court/Litigant Review of WO 2A-080	2A-080	7 days	Fri 3/24/17	Mon 4/3/17	159	161
161	490	Court/Litigant Review/Approval of WO 2A-080	2A-080	0 days	Mon 4/3/17	Mon 4/3/17	160	163
162	**491**	**Execute WO 2A-080 - Alternatives Evaluation Repor**	**2A-080**	**170 days**	**Tue 4/4/17**	**Tue 12/5/17**		
163	257	Prepare Draft Alternatives Evaluation Report	2A-080	115 days	Tue 4/4/17	Fri 9/15/17	155,58FF,1	164,283FF
164	258	Submit Draft Alternatives Evaluation Report to Court/Litigants	2A-080	0 days	Fri 9/15/17	Fri 9/15/17	163	165
165	259	Court/Litigants Review and Comment	2A-080	30 days	Mon 9/18/17	Fri 10/27/17	164	166
166	260	Alternatives Evaluation Report Revisions	2A-080	25 days	Mon 10/30/17	Tue 12/5/17	165,74FF	167



Project: Penobscot River Project S
Date: Sun 4/23/17

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

ID	Unique ID		Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
167	261		Submit Final Alternatives Evaluation Report	2A-080	0 days	Tue 12/5/17	Tue 12/5/17	166	287FF
168	**262**		**BENCH-SCALE/PILOT STUDIES**		**740 days**	**Fri 10/28/16**	**Wed 9/18/19**		
169	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	171
170	**443**		**Execute WO 2A-020 - Bench-Scale/Pilot Studies: Scc**	**2A-020**	**111 days**	**Thu 12/1/16**	**Mon 5/8/17**		
171	330	✓	Prepare Draft Bench-Scale/Pilot Studies Scoping Memorandum	2A-020	58 days	Thu 12/1/16	Wed 2/22/17	169	172,176,1
172	331	✓	Submit Draft Bench-Scale/Pilot Studies Scoping Memorandum to Court/Litigants	2A-020	0 days	Wed 2/22/17	Wed 2/22/17	171	173,177
173	332	✓	Court/Litigants Review & Comment	2A-020	15 days	Tue 3/7/17	Mon 3/27/17	172	174
174	333		Draft Bench-Scale/Pilot Studies Scoping Memorandum Revisions	2A-020	30 days	Tue 3/28/17	Mon 5/8/17	173	175
175	334		Submit Final Bench-Scale/Pilot Studies Scoping Memorandum	2A-020	0 days	Mon 5/8/17	Mon 5/8/17	174	
176	**263**		**Preparation and Approval of WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability**	**2A-030A**	**33 days**	**Thu 2/23/17**	**Mon 4/10/17**	**171**	
177	445	✓	Prepare WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	18 days	Thu 2/23/17	Mon 3/20/17	172	178
178	446	✓	Submit WO 2A-030A to Court/Litigants	2A-030A	0 days	Mon 3/20/17	Mon 3/20/17	177	179,201
179	448		Court/Litigant Review of WO 2A-030A	2A-030A	5 days	Tue 3/21/17	Mon 3/27/17	178	180
180	449		Revise and Submit Final WO 2A-030A	2A-030A	5 days	Tue 3/28/17	Mon 4/3/17	179	181
181	447		Court/Litigant Review/Approval of WO 2A-030A	2A-030A	5 days	Tue 4/4/17	Mon 4/10/17	180	183
182	**335**		**Execute WO 2A-030A: Bench-Scale/Pilot Studies: Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability**	**2A-030A**	**40 days**	**Tue 4/11/17**	**Tue 6/6/17**	**171**	
183	457		Prepare Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	20 days	Tue 4/11/17	Mon 5/8/17	181	184
184	458		Submit Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability to	2A-030A	0 days	Mon 5/8/17	Mon 5/8/17	183	185,210,1
185	454		Court/Litigants Review & Comment	2A-030A	10 days	Tue 5/9/17	Mon 5/22/17	184	186
186	455		Draft Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability Revisions	2A-030A	10 days	Tue 5/23/17	Tue 6/6/17	185	187
187	456		Submit Final Phase 1 Work Plan – Bench-Scale Studies & Pilot-Scale Constructability	2A-030A	0 days	Tue 6/6/17	Tue 6/6/17	186	
188	**624**		**Preparation and Approval of WO 2A-030B: Bench-Scale/Pilot Studies: Phase 2 Work Plan –**	**2A-030B**	**35 days**	**Tue 5/9/17**	**Tue 6/27/17**		
189	625		Prepare WO 2A-030B: Bench-Scale/Pilot Studies: Phase 2 Work Plan – Pilot-Scale Studies	2A-030B	20 days	Tue 5/9/17	Tue 6/6/17	184	190
190	626		Submit WO 2A-030B to Court/Litigants	2A-030B	0 days	Tue 6/6/17	Tue 6/6/17	189	191
191	627		Court/Litigant Review of WO 2A-030B	2A-030B	5 days	Wed 6/7/17	Tue 6/13/17	190	192
192	628		Revise and Submit Final WO 2A-030B	2A-030B	5 days	Wed 6/14/17	Tue 6/20/17	191	193
193	629		Court/Litigant Review/Approval of WO 2A-030B	2A-030B	5 days	Wed 6/21/17	Tue 6/27/17	192	195
194	**526**		**Execute WO 2A-030B - Bench-Scale/Pilot Studies: Phase 2 Work Plan – Pilot-Scale Studies**	**2A-030B**	**70 days**	**Wed 6/28/17**	**Fri 10/6/17**		
195	527		Prepare Draft Phase 2 Work Plan – Pilot-Scale Stu	2A-030B	45 days	Wed 6/28/17	Thu 8/31/17	193	196
196	528		Submit Draft Phase 2 Work Plan – Pilot-Scale Stu	2A-030B	0 days	Thu 8/31/17	Thu 8/31/17	195	197,221
197	529		Court/Litigants Review & Comment	2A-030B	15 days	Fri 9/1/17	Fri 9/22/17	196	198
198	530		Draft Phase 2 Work Plan – Pilot-Scale Studies Rev	2A-030B	10 days	Mon 9/25/17	Fri 10/6/17	197	199



Project: Penobscot River Project S
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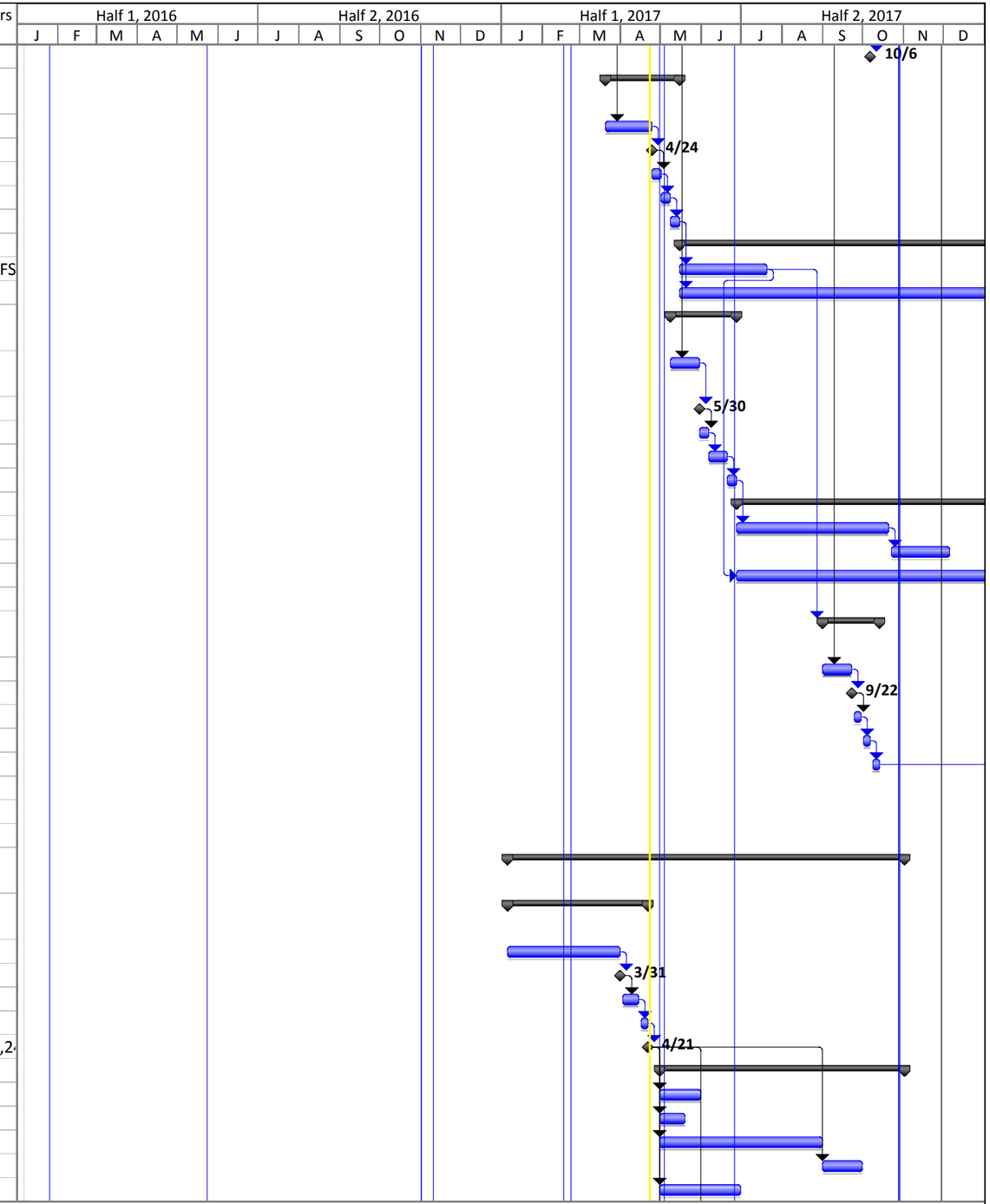
Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
199	531	Submit Final Phase 2 Work Plan – Pilot-Scale Stu	2A-030B	0 days	Fri 10/6/17	Fri 10/6/17	198	
200	**532**	**Preparation and Approval of WO 2A-040: Amendment/Pilot Studies - Permitting**	**2A-040**	**40 days**	**Tue 3/21/17**	**Mon 5/15/17**		
201	533	Prepare WO 2A-040: Amendment/Pilot Studies P	2A-040	25 days	Tue 3/21/17	Mon 4/24/17	178	202
202	534	Submit WO 2A-040 to Court/Litigants	2A-040	0 days	Mon 4/24/17	Mon 4/24/17	201	203
203	535	Court/Litigant Review of WO 2A-040	2A-040	5 days	Tue 4/25/17	Mon 5/1/17	202	204
204	536	Revise and Submit Final WO 2A-040	2A-040	5 days	Tue 5/2/17	Mon 5/8/17	203	205
205	537	Court/Litigant Review/Approval of WO 2A-040	2A-040	5 days	Tue 5/9/17	Mon 5/15/17	204	207,208
206	**459**	**Execute WO 2A-040: Amendment/Pilot Studies Pen**	**2A-040**	**220 days**	**Tue 5/16/17**	**Wed 3/28/18**		
207	269	Amendment Plot Permitting	2A-040	45 days	Tue 5/16/17	Thu 7/20/17	205	220,218FS
208	551	Pilot Studies Permitting	2A-040	220 days	Tue 5/16/17	Wed 3/28/18	205	227
209	**345**	**Preparation and Approval of WO 2A-050: Execute Bench-Scale/Amendment Plot Studies**	**2A-050**	**35 days**	**Tue 5/9/17**	**Tue 6/27/17**		
210	559	Prepare WO 2A-050: Execute Bench-Scale/Amendment Plot Studies	2A-050	15 days	Tue 5/9/17	Tue 5/30/17	184	211
211	560	Submit WO 2A-050 to Court/Litigants	2A-050	0 days	Tue 5/30/17	Tue 5/30/17	210	212
212	561	Court/Litigant Review of WO 2A-050	2A-050	5 days	Wed 5/31/17	Tue 6/6/17	211	213
213	562	Revise and Submit Final WO 2A-050	2A-050	10 days	Wed 6/7/17	Tue 6/20/17	212	214
214	563	Court/Litigant Review/Approval of WO 2A-050	2A-050	5 days	Wed 6/21/17	Tue 6/27/17	213	216
215	**552**	**Execute WO 2A-050: Execute Bench-Scale/Amendn**	**2A-050**	**340 days**	**Wed 6/28/17**	**Mon 10/29/18**		
216	564	Execute Bench-Scale Studies	2A-050	80 days	Wed 6/28/17	Fri 10/20/17	214	217
217	633	Bench-Scale/Amendment Plot Studies REPORT	2A-050	30 days	Mon 10/23/17	Tue 12/5/17	216	
218	631	Execute Amendment Plot Studies	2A-050	300 days	Wed 6/28/17	Fri 8/31/18	207FS-15	219
219	634	Amendment Plot Studies REPORT	2A-050	40 days	Tue 9/4/18	Mon 10/29/18	218	
220	**347**	**Preparation and Approval of WO 2A-060: Execute Pilot Studies**	**2A-060**	**30 days**	**Fri 9/1/17**	**Fri 10/13/17**	**207**	
221	575	Prepare WO 2A-060: Execute Pilot Studies	2A-060	15 days	Fri 9/1/17	Fri 9/22/17	196	222
222	576	Submit WO 2A-060 to Court/Litigants	2A-060	0 days	Fri 9/22/17	Fri 9/22/17	221	223
223	577	Court/Litigant Review of WO 2A-060	2A-060	5 days	Mon 9/25/17	Fri 9/29/17	222	224
224	578	Revise and Submit Final WO 2A-060	2A-060	5 days	Mon 10/2/17	Fri 10/6/17	223	225
225	579	Court/Litigant Review/Approval of WO 2A-060	2A-060	5 days	Mon 10/9/17	Fri 10/13/17	224	227
226	**580**	**Execute WO 2A-060: Execute Pilot Studies**	**2A-060**	**380 days**	**Thu 3/29/18**	**Wed 9/18/19**		
227	271	Execute Field-Scale Pilot Studies	2A-060	350 days	Thu 3/29/18	Wed 8/7/19	208,225	228
228	565	Field-Scale Pilot Studies REPORT	2A-060	30 days	Thu 8/8/19	Wed 9/18/19	227	
229	**348**	**WO 02A-100: Sediment Recovery Times & Sediment (Mercury) Transport**	**2A-100**	**210 days**	**Fri 1/6/17**	**Thu 11/2/17**		
230	**349**	**Preparation & Approval of WO 2A-100 - Sediment Recovery Times & Sediment/Mercury Transport**	**2A-100**	**76 days**	**Fri 1/6/17**	**Fri 4/21/17**		
231	496	Prepare WO 2A-100	2A-100	61 days	Fri 1/6/17	Fri 3/31/17		232
232	497	Submit WO 2A-100 to Court/Litigants	2A-100	0 days	Fri 3/31/17	Fri 3/31/17	231	233
233	498	Court/Litigant Review of WO 2A-100	2A-100	10 days	Mon 4/3/17	Fri 4/14/17	232	234
234	499	Revise and Submit Final WO 2A-100	2A-100	5 days	Mon 4/17/17	Fri 4/21/17	233	235
235	500	Court/Litigant Review/Approval of WO 2A-100	2A-100	0 days	Fri 4/21/17	Fri 4/21/17	234	239,241,2
236	**501**	**Execute WO 2A-100 - Sediment Recovery Times & S**	**2A-100**	**129 days**	**Mon 5/1/17**	**Thu 11/2/17**		
237	647	Field: Task 1A - Collect Tidal Data	2A-100	22 days	Mon 5/1/17	Wed 5/31/17	235	
238	648	Field: Task 1B - Collect ADCP / CTD / OBS Data at	2A-100	15 days	Mon 5/1/17	Fri 5/19/17	235	
239	350	Task 1C - Hydrodynamic modeling - build / calibr	2A-100	86 days	Mon 5/1/17	Fri 9/1/17	235	
240	351	Task 1D - Present Hydrodynamic Results	2A-100	20 days	Fri 9/1/17	Sun 10/1/17	235	
241	352	Field: Task 2A - Collect Sediment Depositon (Hyd	2A-100	44 days	Mon 5/1/17	Sat 7/1/17	235	



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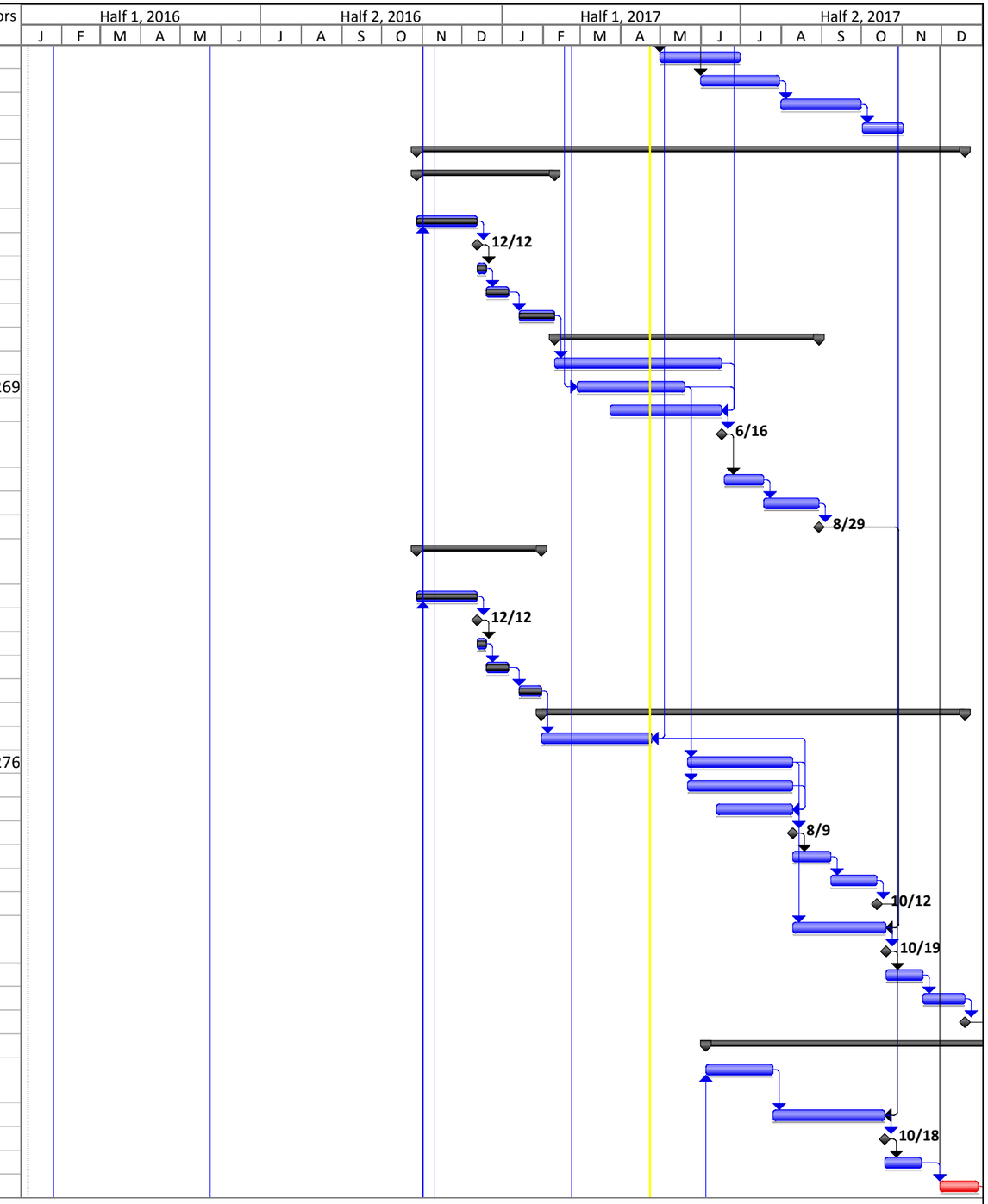
Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress

ID	Unique ID	Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
242	353	Field: Task 2B - Collect Sediment Erosion (SEDFLU	2A-100	44 days	Mon 5/1/17	Sat 7/1/17	235,32	
243	354	Task 2C - Spatial Analaysis of Sediment and Merc	2A-100	40 days	Thu 6/1/17	Mon 7/31/17	235	244
244	361	Task 2D - Conduct Analytical Sediment Transport	2A-100	43 days	Tue 8/1/17	Sun 10/1/17	243	245
245	362	Task 2E - Present STS Results / Prepare RTER Wo	2A-100	23 days	Mon 10/2/17	Thu 11/2/17	244	
246	**273**	**TASK 3 - Risk Reduction Evaluation**		**289 days**	**Fri 10/28/16**	**Mon 12/18/17**		
247	**369**	**Preparation and Approval of WO 3A-010: BSAFs, Biota Trend Analyses, PRGs**	**3A-010**	**73 days**	**Fri 10/28/16**	**Thu 2/9/17**		
248	502	Prepare WO 3A-010: BSAFs, Biota Trend Analyses, PF	3A-010	32 days	Fri 10/28/16	Mon 12/12/16	293	249
249	503	Submit WO 3A-010 to Court/Litigants	3A-010	0 days	Mon 12/12/16	Mon 12/12/16	248	250
250	504	Court/Litigant Review of WO 3A-010	3A-010	5 days	Tue 12/13/16	Mon 12/19/16	249	251
251	505	Revise and Submit Final WO 3A-010	3A-010	11 days	Tue 12/20/16	Thu 1/5/17	250	252
252	506	Court/Litigant Review/Approval of WO 3A-010	3A-010	19 days	Fri 1/13/17	Thu 2/9/17	251	254
253	**508**	**Execute WO 3A-010: BAFs/BSAFs, Biota Trending Analy**		**140 days**	**Fri 2/10/17**	**Tue 8/29/17**		
254	383	BSAF/BAF Calculations	3A-010	90 days	Fri 2/10/17	Fri 6/16/17	252	256FF
255	384	Biota Trending Analysis	3A-010	60 days	Mon 2/27/17	Fri 5/19/17	118FS-20 (	256FF,269
256	370	Prepare Draft BAFs/BSAFs, Biota Trending Analysis R	3A-010	60 days	Fri 3/24/17	Fri 6/16/17	254FF,255	257
257	371	Submit Draft BAFs/BSAFs, Biota Trending Analysis Report to Court/Litigants	3A-010	0 days	Fri 6/16/17	Fri 6/16/17	256	258
258	372	Review of Draft Report by Court/Litigants	3A-010	20 days	Mon 6/19/17	Tue 7/18/17	257	259
259	373	Revise Draft BAFs/BSAFs, Biota Trending Analysis Rep	3A-010	30 days	Wed 7/19/17	Tue 8/29/17	258	260
260	374	Issue Final BAFs/BSAFs, Biota Trending Analysis Repc	3A-010	0 days	Tue 8/29/17	Tue 8/29/17	259	276FF
261	**363**	**Preparation and Approval of WO 03A-20: Baseline Risk Assessment**	**3A-020**	**65 days**	**Fri 10/28/16**	**Mon 1/30/17**		
262	509	Prepare WO 3A-020: Baseline Risk Assessment	3A-020	32 days	Fri 10/28/16	Mon 12/12/16	293	263
263	510	Submit WO 3A-020 to Court/Litigants	3A-020	0 days	Mon 12/12/16	Mon 12/12/16	262	264
264	511	Court/Litigant Review of WO 3A-020	3A-020	5 days	Tue 12/13/16	Mon 12/19/16	263	265
265	512	Revise and Submit Final WO 3A-020	3A-020	11 days	Tue 12/20/16	Thu 1/5/17	264	266
266	513	Court/Litigant Review/Approval of WO 3A-020	3A-020	11 days	Fri 1/13/17	Mon 1/30/17	265	268
267	**514**	**Execute WO 3A-020: Baseline Risk Assessment**		**224 days**	**Tue 1/31/17**	**Mon 12/18/17**		
268	388	Baseline Eco and HH Risk Assessments	3A-020	60 days	Tue 1/31/17	Mon 4/24/17	118FF+20	271FF
269	389	PRG Time Projections	3A-020	55 days	Mon 5/22/17	Wed 8/9/17	255	271FF,276
270	390	Quantify Risk Reduction/Residual Risk Assessment	3A-020	55 days	Mon 5/22/17	Wed 8/9/17	255	271FF
271	364	Prepare Draft Risk Assessment Report	3A-020	40 days	Tue 6/13/17	Wed 8/9/17	268FF,269	272
272	365	Submit Draft Risk Assessment Report to Court/Litiga	3A-020	0 days	Wed 8/9/17	Wed 8/9/17	271	273
273	366	Review of Draft Report by Court/Litigants	3A-020	20 days	Thu 8/10/17	Thu 9/7/17	272	274
274	367	Revise Draft Risk Assessment Report	3A-020	25 days	Fri 9/8/17	Thu 10/12/17	273	275
275	368	Issue Final Risk Assessment Report	3A-020	0 days	Thu 10/12/17	Thu 10/12/17	274	283FF
276	275	Prepare Draft Risk Reduction Evaluation Report	3A-020	50 days	Thu 8/10/17	Thu 10/19/17	163FF-10 (	277
277	276	Submit Draft Risk Reduction Report to Court/Litigant	3A-020	0 days	Thu 10/19/17	Thu 10/19/17	276	278
278	277	Review of Draft Report by Court/Litigants	3A-020	20 days	Fri 10/20/17	Thu 11/16/17	277	279
279	278	Revise Draft Risk Reduction Evaluation Report	3A-020	20 days	Fri 11/17/17	Mon 12/18/17	278	280
280	279	Issue Final Risk Reduction Evaluation Report	3A-020	0 days	Mon 12/18/17	Mon 12/18/17	279	287FF
281	**282**	**TASK 5 - Phase III Engineering Study Report**		**663 days**	**Mon 6/5/17**	**Thu 1/2/20**		
282	283	**Preparation and Approval of WO 5A-010 - Engineering Study Report**	5A-010	35 days	Mon 6/5/17	Tue 7/25/17	293	283
283	284	Prepare Draft Engineering Study Report	5A-010	60 days	Wed 7/26/17	Wed 10/18/17	163FF,282	284
284	285	Submit Draft Engineering Study Report to Court/Litigants	5A-010	0 days	Wed 10/18/17	Wed 10/18/17	283	285
285	286	Court/Litigants Review of Draft Engineering Study Repor	5A-010	20 days	Thu 10/19/17	Wed 11/15/17	284	286
286	287	Revise Draft Engineering Study Report	5A-010	20 days	Thu 11/30/17	Thu 12/28/17	285,51	287



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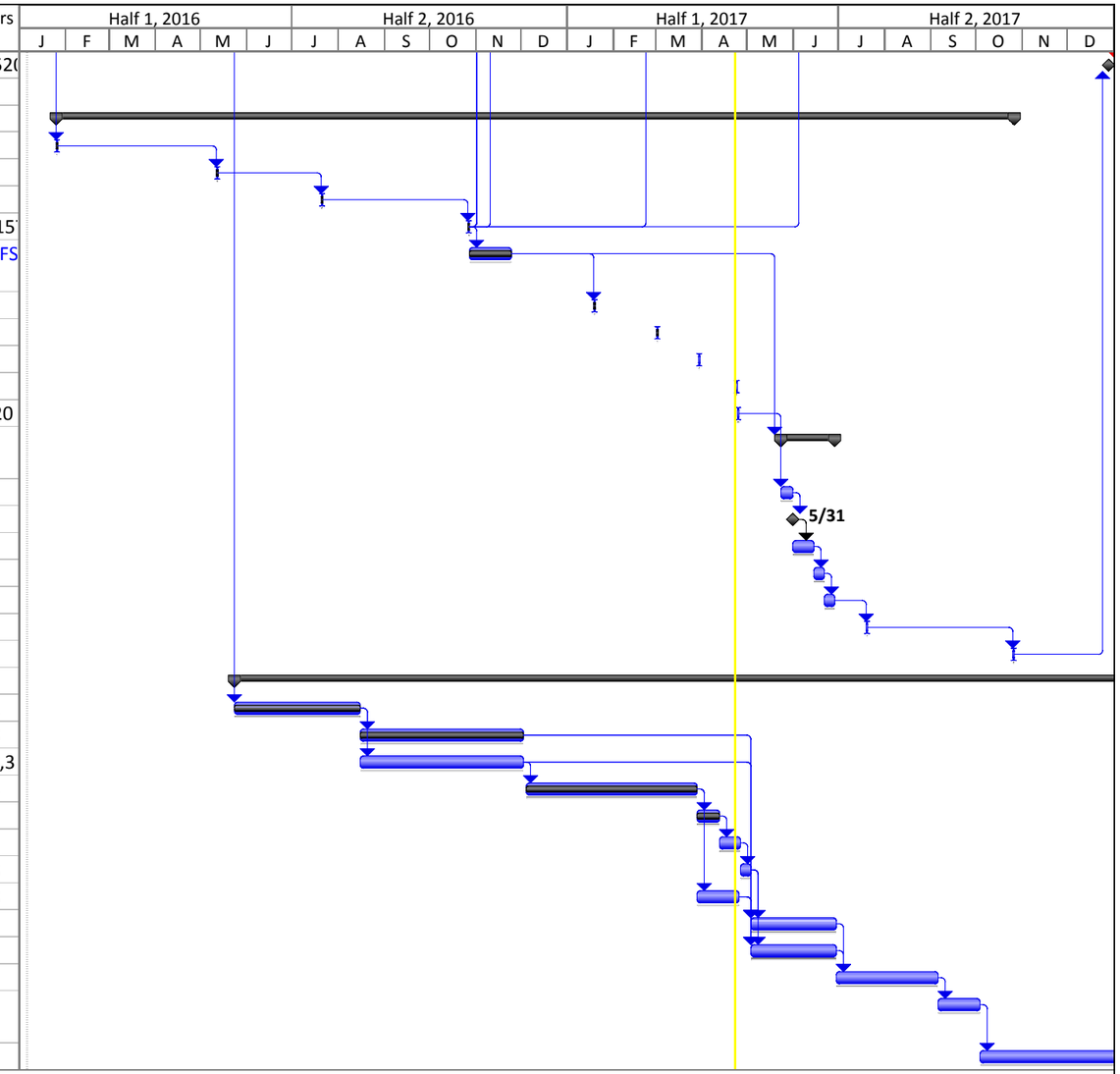
Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress

ID	Unique ID		Task Name	Work Order #	Duration	Start	Finish	Predecesso	Successors
287	288		Submit Final Engineering Study Report	5A-010	0 days	Thu 12/28/17	Thu 12/28/17	307,167FF	288FF+52(
288	289		Supplemental Report - 2017 Monitoring & Pilot Studies	5A-010	45 days	Fri 11/1/19	Thu 1/2/20	139,287FF	
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
291	292	✓	May 2016 Quarterly Status Meeting	001/002	1 day	Thu 5/12/16	Thu 5/12/16	290	292
292	293	✓	July 2016 Quarterly Status Meeting	001/002	1 day	Thu 7/21/16	Thu 7/21/16	291	293
293	294	✓	October 2016 Quarterly Status Meeting	001/002	1 day	Thu 10/27/16	Thu 10/27/16	292	53,150,15
294	328	✓	**Peparation and Approval of WO 6A-010 Meetings and Communication**	6A-010	20 days	Fri 10/28/16	Thu 11/24/16	293	295,300FS days
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		301FS+20
300	**381**		**Peparation 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+12(days**	
301	635		Prepare WO 6A-020	6A-020	5 days	Wed 5/24/17	Wed 5/31/17	299FS+20	302
302	636		Submit WO 6A-020 to Court/Litigants	6A-020	0 days	Wed 5/31/17	Wed 5/31/17	301	303
303	637		Court/Litigant Review of WO 6A-020	6A-020	10 days	Thu 6/1/17	Wed 6/14/17	302	304
304	638		Revise and Submit Final WO 6A-020	6A-020	5 days	Thu 6/15/17	Wed 6/21/17	303	305
305	639		Court/Litigant Review/Approval of WO 6A-020	6A-020	5 days	Thu 6/22/17	Wed 6/28/17	304	306
306	297		July 2017 Quarterly Status Meeting	6A-020	1 day	Thu 7/20/17	Thu 7/20/17	305	307
307	298		October 2017 Quarterly Status Meeting	6A-020	1 day	Thu 10/26/17	Thu 10/26/17	306	287
308	**299**		**Task 7 - Community Involvement**	**006**	**420 days**	**Tue 5/24/16**	**Fri 1/12/18**		
309	307	✓	Preparation and Approval of WO 006 - Community Involv	006	60 days	Tue 5/24/16	Mon 8/15/16	2	310,311
310	300	✓	Research & Planning	006	79 days	Tue 8/16/16	Fri 12/2/16	309	317,318
311	301		Fact Sheet	006	79 days	Tue 8/16/16	Fri 12/2/16	309	317,318,3
312	302	✓	Develop Draft Project Website	006	80 days	Mon 12/5/16	Tue 3/28/17	311	316,313
313	376	✓	Litigants Review of Revised website	006	11 days	Wed 3/29/17	Wed 4/12/17	312	314
314	377		Revisions to Website from Litigants' Comments	006	10 days	Thu 4/13/17	Wed 4/26/17	313	315
315	378		Final Website preparation	006	5 days	Thu 4/27/17	Wed 5/3/17	314	317,318
316	303		Potential Stakeholders & Project Mailing List	006	20 days	Wed 3/29/17	Tue 4/25/17	312	317,318
317	304		Communications with Stakeholders	006	40 days	Thu 5/4/17	Thu 6/29/17	310,311,3	319
318	306		Consultation Tracking & Reporting	006	40 days	Thu 5/4/17	Thu 6/29/17	310,311,3	319
319	305		Draft Communication & Community Involvement Plan	006	45 days	Fri 6/30/17	Tue 9/5/17	317,318	320
320	308		Preparation and Approval of WO 7A-010 - Implementation of Community Involvement Plan	006	20 days	Wed 9/6/17	Tue 10/3/17	319	321
321	375		Implement Community Involvement Plan	006	70 days	Wed 10/4/17	Fri 1/12/18	320	



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Task | Milestone | Project Summary | External Milestone | Critical | Progress
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