

April 15, 2018

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



**Subject: Monthly Status Report 27 for March 2018
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, 2018 through March 31, 2018. A cash flow projection through June 2018 is also attached.

ACTIVITIES AND EVENTS DURING THE REPORTING PERIOD

Task 2A - Technologies and Remedial Approaches for Consideration

- *Work Order 2A-040A - Permitting Support for Alternatives Evaluation:*
 - No activity during the period
- *Work Order 2A-051 - Leachability/Toxicity Testing:*
 - No activity during the period
- *Work Order 2A-053 - Dewatering / Flocculant Testing / Water Treatment:*
 - No activity during the period
- *Work Order 2A-054 - Sediment Erosion and Transport Testing:*
 - Incorporation of results into Draft Alternatives Evaluation Report
- *Work Order 2A-055 – Amendment Test Plot Re-sampling:*
 - No activity during the period
- *Work Order 2A-080 – Alternatives Evaluation Report:*
 - March 15, 2018: Draft Alternatives Evaluation Report submitted to the Special Master/Litigants
- *Work Order 2A-100 – Hydrodynamic Evaluation*
 - Review of Litigant comments on Hydrodynamic Simulation Report

Tasks 3/3A - Risk Reduction Evaluation

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

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- *Work Order 3A-020 – Baseline Risk Assessments:*
 - March 15, 2018: Draft Risk Reduction Report submitted to Special Master/Litigants
 - March 30, 2018: Litigant comments on Draft Risk Assessment Report received

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

- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - Conceptual Site Model refinement
- *Work Order 4A-030 – 2017 Marsh Platform Sediment Characterization:*
 - No activity during the period
- *Work Order 4A-040 – 2017 Sediment and Water Quality Monitoring:*
 - March 15, 2018: Final 2017 Sediment and Water Quality Monitoring Report submitted to the Special Master/Litigants
- *Work Order 4A-050 – 2017 Biota Monitoring:*
 - Review of Black Duck blood analytical data
- *Work Order 4A-060 – 2017 Additional Mobile Pool Characterization:*
 - March 2, 2018: Litigant comments on the Draft 2017 Additional Mobile Sediment Characterization Technical Memorandum received
 - Revisions to the Draft 2017 Additional Mobile Sediment Characterization Technical Memorandum based on comments from the Litigants
- *Work Order 4A-070 – 2017 Intertidal and Subtidal Sediment Characterization:*
 - March 21, 2018: Litigant comments on the Draft 2017 Intertidal and Subtidal Sediment Characterization Report received
- *Work Order 4A-080 – Thin-Interval Core Sampling:*
 - Thin-interval core sampling data integration into mercury distribution figures

Tasks 5A – Phase III Engineering Study Report

- *Work Order 5A-010 - Phase III Engineering Study Report*
 - Development of Draft Phase III Engineering Study Report
 - March 31, 2018: Submittal of Draft Phase III Engineering Study Report to Special Master/Litigants

Tasks 6A – Meetings/Communications

- *Work Orders 6A-010/6A-020 - Meetings/Reporting:*
 - March 24, 2018: Amec Foster Wheeler submitted the Monthly Report and Invoice #J02207881 for the month of February 2018 to the Special Master/Litigants

Task 7/7A – Community Involvement

- *Work Orders 006/7A-010 - Community Involvement:*
 - Updated the website document repository to include the most recent monthly reports

PROPOSED ACTIVITIES FOR THE FOLLOWING PERIOD

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

- *Work Order 2A-040A - Permitting Support for Alternatives Evaluation:*
 - Continue permitting support for Alternatives Evaluation
- *Work Order 2A-051 - Leachability/Toxicity Testing:*
 - Awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-053 - Dewatering / Flocculant Testing / Water Treatment:*
 - Awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-054 - Sediment Erosion and Transport Testing:*
 - Awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-055 – Amendment Test Plot Re-sampling:*
 - Awaiting revised report from Dr. Gilmour
- *Work Order 2A-080 - Alternatives Evaluation:*
 - No activities planned for April 2018
- *Work Order 2A-100 - Hydrodynamic Evaluation:*
 - Revise Draft Hydrodynamic Simulation Report based on comments from the Special Master/Litigants

Task 3 - Risk Reduction Evaluation

- *Work Order 3A-010 – BAFs/BSAFs, Biota Trend Analyses:*
 - Limited activities anticipated under this task
- *Work Order 3A-020 – Baseline Risk Assessments:*
 - Review Litigant comments on the Draft Risk Assessment Report

Task 4 - Potential Data Needs and Additional Field Work

- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - No activity anticipated under this task
- *Work Order 4A-030 - Additional Marsh Platform Characterization:*
 - Re-issue Technical Memorandum
- *Work Order 4A-040 - 2017 Sediment & Water Quality Monitoring:*
 - No activity anticipated under this task
- *Work Order 4A-050 - 2017 Biota Monitoring:*
 - Awaiting Litigant comments on Draft 2017 Biota Monitoring Report
- *Work Order 4A-060 - Additional Mobile Pool Characterization:*
 - Revise Draft 2017 Additional Mobile Sediment Characterization Report based on comments from the Litigants
- *Work Order 4A-070 - Additional Intertidal and Subtidal Sediment Characterization:*
 - Review Special Master/Litigants comments on the Draft 2017 Intertidal and Subtidal Sediment Characterization Report

- *Work Order 4A-080 - Thin-Interval Core Sampling:*
 - Review Special Master/Litigants comments on the Draft 2017 Thin-Interval Core Sampling Report, and revise report

Task 6A – Meetings/Communications

- *Work Orders 6A-010/6A-020 - Meetings/Reporting:*
 - Prepare and submit monthly report, cash flow projection, and updated project schedule for March 2018 to the Special Master/Litigants
 - Attend Quarterly Project Status Call on April 16, 2018

Task 7/7A – Community Involvement

- *Work Orders 006/7A-010 - Community Involvement:*
 - Monitor incoming messages from interested parties regarding the website content
 - Follow-up by phone or email with interested parties

FUTURE MEETINGS AND CONFERENCE CALLS

- April 16, 2018: Quarterly Project Status Meeting – conference call

CASH FLOW PROJECTION

Please refer to Attachment A for the Amec Foster Wheeler financial status summary and cash flow projection through June 30, 2018.

PROJECT DELIVERABLES SCHEDULE

The schedule below provides an overview of project deliverable dates:

Work Order	Deliverable	Draft to SM/Litigants	Comments Due from Litigants	Final to SM/Litigants
004	2016 Sediment and Surface Water Monitoring Report	3/28/2017		9/12/2017
005	2016 Biota Monitoring Report	5/28/2017		8/30/2017
3A-010	Technical Memorandum - BSAFs	7/12/2017		9/15/2017
4A-020	2016 Mobile Sediment Characterization Report	7/12/2017	N/A	N/A
4A-010	Technical Memorandum - Analytical Methods Evaluation	9/15/2017	N/A	N/A
4A-030	Technical Memorandum - 2017 Marsh Platform Characterization	12/11/2017	1/26/2018	N/A
4A-040	2017 Sediment and Surface Water Monitoring Report	12/15/2017	1/26/2018	3/15/2018
7A-010	Community Involvement Plan	12/14/2017	2/2/2018	5/30/2018
2A-100	Hydrodynamic Model Report	12/22/2017	2/9/2018	N/A
4A-060	Technical Memorandum - 2017 Additional Mobile Sediment Characterization	1/11/2018	3/2/2018	N/A
4A-070	Technical Memorandum - 2017 Intertidal & Subtidal Sediment Characterization	2/2/2018	3/21/2018	N/A
3A-020	Risk Assessment Report	2/9/2018	3/30/2018	5/10/2018
4A-050	2017 Biota Monitoring Report (w/out Black Duck data)	2/16/2018	4/5/2018	5/17/2018
4A-080	Thin-Interval Sampling (Geochron Core) Report	2/28/2018	4/13/2018	N/A
2A-080	Alternatives Evaluation Report	3/15/2018	5/3/2018	6/13/2018
3A-020	Risk Reduction Report	3/15/2018	5/3/2018	6/13/2018
5A-010	Phase III Engineering Study Report	3/31/2018	5/15/2018	6/29/2018
5A-010	Long-Term Monitoring Recommendations (Section 8 - Phase III Eng Study Rpt)	4/7/2018	5/22/2018	6/29/2018

N/A - not applicable; comments from SM/Litigants will be incorporated in Final version to be included as an Appendix to the Alternatives Evaluation Report
 Shaded dates indicate actual completion dates

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

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