

March 23, 2018

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



**Subject: Monthly Status Report 26 for February 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 February 1, 2018 through February 28, 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:*
 - Permits research in support of AER
- *Work Order 2A-051 - Leachability/Toxicity Testing:*
 - Charges reflect subcontractor costs for conducting testing
- *Work Order 2A-053 - Dewatering / Flocculant Testing / Water Treatment:*
 - Incorporation of results into Draft Alternatives Evaluation Report
- *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:*
 - Incorporation of results into Draft Alternatives Evaluation Report
- *Work Order 2A-080 – Alternatives Evaluation Report:*
 - Development of Alternatives Analysis Report continued in February 2018
- *Work Order 2A-100 – Hydrodynamic Evaluation*
 - February 9, 2018: Comments on Hydrodynamic Simulation Report received from Litigants
 - 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

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

- *Work Order 3A-020 – Baseline Risk Assessments:*
 - February 9, 2018: Draft Risk Assessment and Preliminary Remediation Goal Development Report submitted to Special Master/Litigants

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

- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - No activity on this task during the reporting period
- *Work Order 4A-030 – 2017 Marsh Platform Sediment Characterization:*
 - Review of comments received from NRDC and Mallinckrodt on Draft 2017 Marsh Platform and Intertidal Sediment Characterization Technical Memorandum
- *Work Order 4A-040 – 2017 Sediment and Water Quality Monitoring:*
 - Review of comments received from NRDC and Mallinckrodt on Draft 2017 Sediment and Water Quality Monitoring Report submitted to the Special Master/Litigants
- *Work Order 4A-050 – 2017 Biota Monitoring:*
 - February 16, 2018: Draft 2017 Biota Monitoring Report submitted to Special Master/Litigants
 - Analyses of Black Duck blood by analytical laboratory
- *Work Order 4A-060 – 2017 Additional Mobile Pool Characterization:*
 - Incorporation of summary of Draft 2017 Additional Mobile Sediment Characterization Technical Memorandum into the Draft Alternatives Evaluation Report
- *Work Order 4A-070 – 2017 Intertidal and Subtidal Sediment Characterization:*
 - February 2, 2018: Draft 2017 Intertidal and Subtidal Sediment Characterization Report submitted to the Special Master/Litigants
- *Work Order 4A-080 – Thin-Interval Core Sampling:*
 - Chemical and radiological analyses of processed sediment cores and data validation completed
 - February 28, 2018: Draft 2017 Thin-Interval Core Sampling Report submitted to the Special Master/Litigants

Tasks 5A – Phase III Engineering Study Report

- *Work Order 5A-010 - Phase III Engineering Study Report*
 - No activities were conducted under this work order during the reporting period

Tasks 6A – Meetings/Communications

- *Work Orders 6A-010/6A-020 - Meetings/Reporting:*
 - February 21, 2018: Amec Foster Wheeler submitted the Monthly Report and Invoice #J02207771 for the month of January 2018 to the Special Master/Litigants
 - Prepared for Monthly Project Status Call on March 7, 2018

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:*
 - No activities planned for March 2018, awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-053 - Dewatering / Flocculant Testing / Water Treatment:*
 - No activities planned for March 2018, awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-054 - Sediment Erosion and Transport Testing:*
 - No activities planned for March 2018, awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-055 – Amendment Test Plot Re-sampling:*
 - No activities planned for March 2018, awaiting comments on the Draft Alternatives Evaluation Report
- *Work Order 2A-080 - Alternatives Evaluation:*
 - Submit Draft Alternatives Evaluation Report to the Special Master/Litigants
- *Work Order 2A-100 - Hydrodynamic Evaluation:*
 - Review comments from the Special Master/Litigants on the Draft Hydrodynamic Simulation Report, and revise document

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:*
 - Prepare Draft Risk Reduction Report and submit to Special Master/Litigants

Task 4 - Potential Data Needs and Additional Field Work

- *Work Order 4A-010 - Analytical Methods Evaluation and OC Study (formerly Work Order 012):*
 - Continue to refine and update the CSM
- *Work Order 4A-030 - Additional Marsh Platform Characterization:*
 - Revise and re-issue Technical Memorandum
- *Work Order 4A-040 - 2017 Sediment & Water Quality Monitoring:*
 - Revise and re-issue Final 2017 Sediment & Water Quality Monitoring Report
- *Work Order 4A-050 - 2017 Biota Monitoring:*
 - Submit Draft 2017 Biota Monitoring Report
- *Work Order 4A-060 - Additional Mobile Pool Characterization:*
 - Review comments from the Special Master/Litigants on the Draft 2017 Additional Mobile Sediment Characterization Report, and revise report

- *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 February 2018 to the Special Master/Litigants
 - Attend Monthly Project Status Call on March 7, 2018

Task 7/7A – Community Involvement

- *Work Orders 006/7A-010 - Community Involvement:*
 - February 16, 2018: Suggested to Special Master/Litigants that the Final Communication and Community Involvement Plan be issued following receipt of comments on the Draft Alternatives Evaluation Report
 - 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, Portland or Boston

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:

Monthly Status Report 26 for February 2018
 Penobscot River Estuary Phase III - Engineering Study

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

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)