

July 22, 2016

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



**Subject: Monthly Status Report 06 for June 2016
Penobscot River Estuary Phase III - Engineering Evaluation**

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 June 1, 2016 through June 30, 2016. Brief narratives of activities performed during this period, issues/problems identified during the period, proposed activities for the following period, as well as a cash flow projection for the following 6-month period are presented below.

ACTIVITIES AND EVENTS DURING THE REPORTING PERIOD

- June 6, 2016 – Amec Foster Wheeler receives electronic files from Dianne Kopec regarding biota sampling procedures used by the PRMS (email & files forwarded to Special Master and Litigants June 7, 2016)
- June 6-10, 2016 – Amec Foster Wheeler conducts the second week of investigations on the Penobscot River associated with Work Order 003 - Remote Sensing & Geophysics
- June 7, 2016 – Amec Foster Wheeler submits Biota Monitoring Plan to Special Master and Litigants
- June 9, 2016 – Amec Foster Wheeler receives electronic copy of the Draft Southern Cove Corrective Measures Implementation Plan (CMIP) from Mallinckrodt
- June 10, 2016 - Amec Foster Wheeler receives electronic copy of methodology and observations of the Mallinckrodt consultant who assessed Penobscot wildlife in 2000 and 2001
- June 15, 2016 – Amec Foster Wheeler's Nelson Walter attends meeting between ME DEP and Mallinckrodt regarding Southern Cove remediation (meeting notes submitted to Special Master and Litigants June 15, 2016)
- June 15, 2016 – Amec Foster Wheeler submits Monthly Report for May 2016 submitted to Special Master and Litigants
- June 21, 2016 – ME DMR announces expansion of lobster fishery closure southward to a line extending from Cape Jellison to Perkins Point in Castine.
- June 24, 2016 – Amec Foster Wheeler submits Invoice # J02205193 for the month of May 2016 to the Special Master
- June 28, 2016 – Amec Foster Wheeler's Nelson Walter attends public meeting, hosted by ME DMR, in Bucksport, Maine regarding the expansion of the lobster closure area

Correspondence:

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

- June 29, 2016 – Amec Foster Wheeler conducts monthly water quality monitoring: collection of seven surface water samples in the river for analysis of total and dissolved mercury and methyl mercury, as well as dissolved organic carbon
- June 29, 2016 – Amec Foster Wheeler's Nelson Walter attends ME DMR Advisory Council Meeting in Augusta, Maine
- June 30, 2016 – Amec Foster Wheeler received electronic permit information for Southern Cove remediation form Mallinckrodt.
- Technical progress made during the reporting period:
 - Evaluate remote sensing and analytical data from Work Order 003 - Remote Sensing & Geophysics field activities
 - Continued review of sediment remediation technologies
 - Continued development of preliminary conceptual site models for specific sections of the estuary, including Hg/MeHg distribution (horizontal and vertical), impacted receptors, and remedial goals
 - Continued data gap evaluation for information needed to assess remedial alternatives continued, based on Amec Foster Wheeler evaluation of existing data set as well as input from Study Panel members (from teleconferences in early March)
 - Continued development of Field Sampling Plan (methodologies for field data collection)
 - Discussed use of particle tracers/tracking for estimating the movement of the mobile sediment pool with several vendors
 - Pursued access agreement for locating turbidity meter device on river bank near former Veazie Dam
 - Pursued access agreements with landowners of property upon which biota monitoring is scheduled for July & August 2016
 - Prepared and submitted permit applications for biota sampling, which included telephone calls with ME DMR, IF&W, USFWS, and NOAA NMFS
 - Prepared for mobilization to the field for biota monitoring starting July 17, 2016
 - Prepared for July 7, 2016 meeting with ME DEP in Portland, Maine

ISSUES/PROBLEMS IDENTIFIED DURING THE REPORTING PERIOD

- No issues or problems were identified during the reporting period.

PROPOSED ACTIVITIES FOR THE FOLLOWING PERIOD

- Continue data gap evaluation process using GIS, cross-section tool, and W&C database
- Evaluate remote sensing and analytical data from Work Order 003 - Remote Sensing & Geophysics field activities
- Prepare Work Order 003A to increase scope of Work Oder 003 (pending evaluation of collected data)

- Submit Draft Technology Screening Report to Special Master and Litigants
- Submit project Field Sampling Plan and standard operating procedures for initial data collection activities to Special Master and Litigants
- Submit project Quality Assurance Project Plan to Special Master and Litigants
- Prepare and submit Work Order 004 - 2016 Sediment and Water Quality Monitoring
- Conduct June 2016 water quality monitoring (June 29-30)
- Install turbidity monitoring device near location of former Veazie Dam (upon obtaining access to property adjacent to the river)
- Prepare and submit Work Order 005 - 2016 Biota Monitoring
- Prepare for July 17, 2016 mobilization to the project site for biota, surface water, and sediment sampling
- Submit meeting notes from July 21, 2016 Quarterly Status Meeting with Special Master and Litigants

SCHEDULE UPDATE AND FUTURE MEETINGS AND CONFERENCE CALLS

- July 13, 2016 – submit Draft Technology Screening Report to Special Master and Litigants for review/comment
- July 19, 2016 – Amec Foster Wheeler meeting with ME DMR in Augusta, ME to discuss lobster fishery closure
- July 27, 2016 – submit draft Field Sampling Plan and QAPP to Special Master and Litigants for review/comment
- October 27, 2016 - Quarterly Meeting with Special Master, Litigants, and Amec Foster Wheeler, Boston, MA

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.

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

Monthly Status Report 06 for June 2016
Penobscot River Estuary Phase III - Engineering Study

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