

## APPENDIX M

### Laboratory Reports

This appendix presents the laboratory data reports for physical, chemical and biological testing completed in accordance with the Ecology-approved RI/FS Work Plan and subsequent RI/FS Work Plan Addenda (GeoEngineers 2016, 2017, 2018a and 2019a) to characterize sediment conditions in the Marine Area to fill gaps in the existing data and overall, define the nature and extent of contamination within the Marine Area of the Weyerhaeuser Mill A Former Site (Site). Laboratory reported data included both formatted hardcopies and electronic digital deliverables (EDDs) for each corresponding sample delivery group (SDG) submitted by GeoEngineers. Analytical laboratory measurements provided are in standard formats that display, at a minimum, the field sample identification, the laboratory identification, reporting units, data qualifiers, analytical method, analyte tested, analytical result, extraction and analysis dates, and quantitation limits. Biological laboratory measurements provided are in standard formats that display, at a minimum, the field sample identification, the laboratory identification, test acceptability, replicate survival and biomass data, average percent survival, average individual biomass, water quality measurements and test initiation and termination dates.

Each SDG is accompanied by sample receipt forms and a case narrative identifying data quality issues (if any). The testing laboratories were required to comply with their written standard operating procedures. The laboratory project manager was responsible for ensuring that appropriate corrective actions were initiated as required for conformance with Ecology-approved RI/FS Work Plan. All laboratory personnel were responsible for reporting problems that may compromise the quality of the data to the laboratory project manager. Narratives describing the anomalies, the steps taken to identify and correct them, and the treatment of the relevant sample batch (i.e., recalculation, reanalysis, and re-extraction) are provided for each data package, as appropriate.

SDGs presenting environmental data for the Marine Area of the Site collected by GeoEngineers during the RI are summarized in the following table. Due to the size of the file, this appendix cannot efficiently be uploaded with the other appendices. The full Appendix M is available upon request through Ecology.

#### MARINE AREA SAMPLE DELIVERY GROUPS

Sample Delivery Group	Date of Issue	Laboratory
0009372_01	November 19, 2015	Frontier Analytical Laboratory
0009372_02	August 10, 2016	Frontier Analytical Laboratory
0009372_03	September 13, 2016	Frontier Analytical Laboratory
0009373_01	November 23, 2015	Frontier Analytical Laboratory
0009373_02	August 10, 2016	Frontier Analytical Laboratory
0009373_03	February 14, 2017	Frontier Analytical Laboratory
AOZ7	November 12, 2015	Analytical Resources Inc.
AOZ8	November 30, 2015	Analytical Resources Inc.
APB6	November 24, 2015	Analytical Resources Inc.
APG3	November 9, 2015	Analytical Resources Inc.
APJO	November 30, 2015	Analytical Resources Inc.
APK3	November 11, 2015	Analytical Resources Inc.

Sample Delivery Group	Date of Issue	Laboratory
APM7	November 18, 2015	Analytical Resources Inc.
APQ8	December 1, 2015	Analytical Resources Inc.
APR5	December 1, 2015	Analytical Resources Inc.
AQN4	December 9, 2015	Analytical Resources Inc.
ASA4	December 10, 2015	Analytical Resources Inc.
16H0006	August 19, 2016	Analytical Resources Inc.
16H0238	October 12, 2016	Analytical Resources Inc.
16I0213	October 28, 2016	Analytical Resources Inc.
16I0318	October 17, 2016	Analytical Resources Inc.
17A0289	February 21, 2017	Frontier Analytical Laboratory c/o Analytical Resources Inc.
17C0444	April 7, 2017	Analytical Resources Inc.
18J0416	February 14, 2019	Analytical Resources Inc.
18J0416	November 26, 2018	Frontier Analytical Laboratory c/o Analytical Resources Inc.
18J0426	February 14, 2019	Analytical Resources Inc.
18J0426	February 14, 2019	Frontier Analytical Laboratory c/o Analytical Resources Inc.
18J0510	February 14, 2019	Analytical Resources Inc.
18J0510	November 26, 2018	Frontier Analytical Laboratory c/o Analytical Resources Inc.
18J0511	February 14, 2019	Analytical Resources Inc.
18K0220	February 14, 2019	Analytical Resources Inc.
18K0220	December 10, 2018	Frontier Analytical Laboratory c/o Analytical Resources Inc.
0009372_01	November 19, 2015	Frontier Analytical Laboratory
0009372_02	August 10, 2016	Frontier Analytical Laboratory
0009372_01	September 13, 2016	Frontier Analytical Laboratory
0009373_01	November 23, 2015	Frontier Analytical Laboratory
0009373_02	August 10, 2016	Frontier Analytical Laboratory
0009373_01	February 14, 2017	Frontier Analytical Laboratory
0009374_01	November 23, 2015	Frontier Analytical Laboratory
0009393_01	September 12, 2016	Frontier Analytical Laboratory
0009396_01	December 4, 2015	Frontier Analytical Laboratory
0009396_02	January 9, 2017	Frontier Analytical Laboratory
0009396_03	January 9, 2017	Frontier Analytical Laboratory
0009402_01	January 9, 2017	Frontier Analytical Laboratory
0009402_02	September 14, 2016	Frontier Analytical Laboratory
0009403_01	December 17, 2015	Frontier Analytical Laboratory
0009429_01	December 16, 2015	Frontier Analytical Laboratory
0009429_02	September 14, 2016	Frontier Analytical Laboratory
0009430_01	December 14, 2015	Frontier Analytical Laboratory
0009431_01	September 15, 2016	Frontier Analytical Laboratory
102616.02	November 14, 2016	Ramboll Environ US Corporation