ATTACHMENT D
Laboratory Analytical Data Validation Report

Data Validation Summary
2017 Marsh Platform Sediment Characterization
Penobscot River Estuary Phase III – Engineering Evaluation
Penobscot River, Maine

1.0 INTRODUCTION

Sediment samples were collected in July and August 2017 from the Penobscot River located in Maine. Samples were analyzed by Eurofins Frontier Global Sciences, Inc. (Eurofins) located in Bothell, Washington and included in sample delivery groups (SDGs) 1707620, 1707704, 1707771, 1708151, and 1708524. Samples were also analyzed by Alpha Analytical located in Mansfield, Massachusetts and are reported in SDGs L1725276, L1725963, L1726234, L1726792, L1727213, L1727676, L1229216, and L1729601. Samples were analyzed by the following: Clean Water Act (CWA, 2012).

Laboratory	Parameter	Analytical Method	Validation Level
Eurofins	Mercury, total	CWA 1631B	10% Stage III/ 90% Stage IIB
Eurofins	Methyl mercury, total	CWA 1630	10% Stage III/ 90% Stage IIB
Alpha Analytical	TOC	Lloyd Kahn	10% Stage III/ 90% Stage IIB

A Stage IIb data validation was completed on all SDGs**.** A Stage III data validation was performed on ten percent of samples. Data validation was completed using National Functional Guidelines for Inorganic Superfund Data Review (USEPA, 2014) and EPA New England Environmental Data Review Supplement for Regional Data Review Elements and Superfund Specific Guidance/Procedures (USEPA, 2013) where applicable. Data quality evaluations were completed using quality control (QC) limits specified in the draft Penobscot River Estuary Phase III Engineering Evaluation Quality Assurance Project Plan (QAPP) [Amec Foster Wheeler, 2016]. The project laboratory reported results using a combination of two detection limits including the reporting limit (RL) and the method detection limit (MDL). Results for compounds that are not detected in samples are reported as U qualified results at the RL. Positive detections between the MDL and RL are qualified as estimated (J) by the laboratory.

Data validation review and qualification actions are discussed in the following subsections. It should be noted that only instances that result in an impact to data quality are presented in this report. There may be QC elements outside of QAPP and/or method control limits not presented in this report since there is no impact to data quality. Samples included in this data evaluation are presented in Table 1.

Data qualifications were completed if necessary in accordance with the guidelines or the professional judgment of the project chemist. The following qualifiers as applied during data validation or reported by the laboratory are included in the final data set:

J = The reported concentration is considered an estimated value
U = The target compound was not detected above the method detection limit

Validation reason codes were applied to results associated with QC measurements outside project QC goals. The validation qualification actions and associated validation reason codes applied to sample results are summarized on Table 2. The following data validation reason codes were applied to one or more sample results:

LD = Lab Duplicate limit exceeded

LR = Lab Replicate limit exceeded
MS-H = MS and/or MSD recovery high
MS-L = MS and/or MSD recovery low
MS-RPD = MS/MSD RPD limit exceeded
HT = Holding time exceeded

A complete summary of final sample results is provided in Table 3.

Data were evaluated based on the following parameters:

* Data Completeness and Chain of Custody
  Holding Times and Preservation
* Blanks
* Initial Calibration
* Continuing Calibration
* Laboratory Control Sample (LCS)
  Matrix Spike/Matrix Spike Duplicates (MS/MSD)
  Laboratory Duplicates
* Field Duplicates
* Detection Limits
* Sample Result Verification/Electronic Evaluation Verification (EDD)
* Ongoing Precision Recovery

* = indicates that criteria were met and/or no impact to data quality for this parameter

With the exception of the following items discussed below, results were determined to be usable as reported by the laboratory.

2.0 Methyl Mercury – 1630

Matrix Spike

SDG 1707620 – Sample W-MM-03_071717_SED_01-03 was used for MS/MSD analysis. The MS recovery for mercury (61.9%) was less than the lower QC limit of 65%. Sample result for W-MM-03_071717_SED_01-03 was qualified estimated (J) and are potentially biased low.

Sample Preparation

The homogenization of the following samples W-MM-03_071717_SED_00-01, W-MM-03_071717_SED_01-03, W-MM-04_071717_SED_00-01 and W-MM-04_071717_SED_01-03 deviated from the homogenization procedure outlined in the Statement of Work (SOW) (Eurofins, 2017).Following homogenization procedures outlined in the SOW, the laboratory erroneously homogenized the samples further using a Magic Bullet blender. Analytical results have not been qualified, but have been flagged in the database as being ground with a blender prior to analysis.

3.0 Mercury – 1631

Laboratory Duplicate/ Replicate

SDG 1707771 – Sample OR-01-04_072517_SED_00-01 was selected for triplicate analysis. The RSD of mercury (34%) exceeds the QC limit of 30. Based on professional judgment, the mercury results for samples OR-01-04_072517_SED_00-01 were qualified estimated (J).

SDG 1707771 – Sample W-103-A_072517_SED_05-10 was selected for triplicate analysis. The RSD of mercury (34%) exceeds the QC limit of 30. Based on professional judgment, the mercury results for samples W-103-A_072517_SED_05-10 were qualified estimated (J).

SDG 1707771 – Sample W-MM-18_072517_SED_03-05 was selected for triplicate analysis. The RSD of mercury (37%) exceeds the QC limit of 30. Based on professional judgment, the mercury results for samples W-MM-18_072517_SED_03-05 were qualified estimated (J).

SDG 1707771 – Sample W-MM-19_072517_SED_05-10 was selected for triplicate analysis. The RSD of mercury (38%) exceeds the QC limit of 30. Based on professional judgment, the mercury results for samples W-MM-19_072517_SED_05-10 were qualified estimated (J).

SDG 1707771 – Sample W-MM-22_072517_SED_05-10 was selected for triplicate analysis. The RSD of mercury (98%) exceeds the QC limit of 30. Based on professional judgment, the mercury results for samples W-MM-22_072517_SED_05-10 were qualified estimated (J).

Sample Preparation

The homogenization of the following samples W-MM-03_071717_SED_00-01, W-MM-03_071717_SED_01-03, W-MM-04_071717_SED_00-01 and W-MM-04_071717_SED_01-03 deviated from the homogenization procedure outlined in the Statement of Work (SOW) (Eurofins, 2017).Following homogenization procedures outlined in the SOW, the laboratory erroneously homogenized the samples further using a Magic Bullet blender. Analytical results have not been qualified, but have been flagged in the database as being ground with a blender prior to analysis.

4.0 TOC

Laboratory Duplicate/Replicate

SDG L1726234 – Sample W-104A_071817_SED_00-01 was selected by the laboratory for duplicate analysis. For sample W-104A_071817_SED_00-01, the RPD for TOC replicate two (46%) exceeds the QC limit of 25. Based on professional judgment, replicate two TOC result and the reported average of replicate one and two result for sample W-104A_071817_SED_00-01 was qualified estimated (J).

SDG L1726792 – Sample W-14-C-072417_SED_01-03 was selected for triplicate analysis. The RSD for TOC replicate one (41%) and replicate two (45%) exceeds the QC limit of 30. Based on professional judgment, replicate one, two, and the average TOC result for sample W-14-C-072417_SED_01-03 were qualified estimated (J).

SDG L1726792 – Sample W-27-INTA-072417_SED_00-01 was selected by the laboratory for duplicate analysis. The RPD for TOC replicate one (92%) and replicate two (74%) exceeds the QC limit of 25.

Based on professional judgment, TOC results for sample W-27-INTA-072417_SED_00-01 were qualified estimated (J).

SDG L1726792 – Sample OR-01-01_072417_SED_01-03 was selected by the laboratory for duplicate analysis. The RPD for TOC replicate two (83%) exceeds the QC limit of 25. Based on professional judgment, replicate two TOC result and the average TOC result for sample OR-01-01_072417_SED_01-03 was qualified estimated (J).

SDG L1726792 – Sample OR-01-05_072417_SED_00-01_R1 replicate RPD (89) is above QC acceptance criteria of 30%. Sample result for OR-01-05_072417_SED_00-01_R1 was qualified as estimated (J) due to the imprecision.

SDG L1726792 – Sample OR-01-01_072417_SED_00-01_R2 replicate RPD (33) is above QC acceptance criteria of 30%. Sample result for OR-01-01_072417_SED_00-01_R2 was qualified as estimated (J) due to the imprecision.

SDG L1726792 – Sample OR-01-05_072417_SED_00-01 was selected for triplicate analysis. The RSD for TOC replicate one (35%) exceeds the QC limit of 30. Based on professional judgment, replicate one and the average TOC result for sample OR-01-05_072417_SED_00-01 was qualified estimated (J).

SDG L1726792 – Sample OR-01-01_072417_SED_00-01 was selected for triplicate analysis. The RSD for TOC replicate one (34%) exceeds the QC limit of 30. Based on professional judgment, replicate one and the average TOC result for sample OR-01-01_072417_SED_00-01 was qualified estimated (J).

SDG L1726792 – Sample W-MM-TP_072517_SED_00-01 was selected for triplicate analysis. The RSD for TOC replicate one (34%) and replicate two (44%) exceeds the QC limit of 30. Based on professional judgment, replicate one, two, and the average TOC result for sample W-MM-TP_072517_SED_00-01 was qualified estimated (J).

<u>Matrix Spike</u>

SDG L1725276 – Samples W-MM-04_071817_SED_03-05 and W-MM-13_071917_SED_05-10 were used for MS/MSD analysis. The MS and/or MSD recovery of TOC Rep 1 (203%/200%) and Rep 2 (MS 136%) in sample W-MM-04_071817_SED_03-05 were above the upper limit of 125%. The MS/MSD recoveries for sample W-MM-13_071917_SED_05-10 Rep 1 (238%/253%) were above the upper QC limit of 125%. The MS/MSD recoveries do not apply because the sample concentrations are > 4X the spike amount added. Based on professional judgement the TOC result for samples W-MM-04_071817_SED_03-05 and W-MM-13_071917_SED_05-10 do not require qualification.

SDG L1725963 – Samples W-14-INTA_072617_SED_05-10, W104-INTA_072617_SED_05-1, OR-01-01_072517_SED_03-05, W-103-B_072517_SED_03-05, W-MM-06_072517_SED_05-10, and W-MM24_072517_SED_05-10 were used for MS/MSD analysis. Sample W-14-INTA_072617_SED_05-10 MS Rep 1 (48%) was below the lower QC limit of 75%. Sample OR-01-01_072517_SED_03-05 MS Rep 2 (66%) was below the lower QC limit of 75%. Sample W-103-B_072517_SED_03-05 MS Rep 1 (43%) and MSD Rep 2 (0%) were below the lower QC limit of 75% and MS Rep 2 (256%) and MSD Rep 1 (195%) were above the upper QC limit of 125%. Sample W-103-B_072517_SED_03-05 MS Rep 1 (135%) and sample W-MM-06_072517_SED_05-10 MS Rep 1 (137%) were above the above the upper QC limit of 125%. The MS/MSD recoveries for all samples do not apply because the sample concentrations are > 4X the spike amount added. Based on professional judgement the TOC result for

samples W104-INTA_072617_SED_05-1, OR-01-01_072517_SED_03-05, W-103-B_072517_SED_03-05, W-MM-06_072517_SED_05-10, and W-MM-24_072517_SED_05-10 do not require qualification.

SDG L1726234 – Samples W-104-A_071817_SED_00-01 and W-MM-03_071717_SED_01-03 were used for MS/MSD analysis. Sample W-104-A_071817_SED_00-01 Rep 2 MSD RPD (34) is above the QC limit of 25%. Based on professional judgement, the average and replicate two TOC results for sample W-104-A_071817_SED_00-01 were qualified estimated (J) due to the imprecision. Sample W-MM-03_071717_SED_01-03 replicate one MS (156%) and MSD (225%) were above the upper QC limit of 125%. Replicate two MS (57%) and MSD (48%) were below the lower QC limit of 75%. The MS/MSD recoveries for sample W-MM-03_071717_SED_01-03 do not apply because the sample concentrations are > 4X the spike amount added. Based on professional judgement the TOC result for samples W-MM-03_071717_SED_01-03 do not require qualification.

SDG L1726792 – Samples OR-02-02_072417_SED_00-01, W-27-INTA-072417_SED_00-01, W-MM-17_072517_SED_00-01, OR-01-01_072417_SED_01-03, OR-01-04_072517_SED_01-03, W-14-A_072517_SED_01-03 and W-27-A_072517_SED_01-03 were used for MS/MSD analysis.

- Sample OR-02-02_072417_SED_00-01 MSD replicate one (148%) is above the upper QC limit of 125%.
- Sample W-27-INTA-072417_SED_00-01 MS and MSD replicates one and two (0%).
- Sample OR-01-01_072417_SED_01-03 MS/MSD replicate two (0%/37%) and MSD replicate 1 (0%) recoveries are below the lower QC limit of 75%.
- Sample W-14-A_072517_SED_01-03 MS replicate one (129%) was above upper QC limit of 125%.
- Sample W-27-A_072517_SED_01-03 MS/MSD replicate one (7%/0%). Sample W-27-A_072517_SED_01-03 MS/MSD replicate two MS (65%/135%) were outside the QC limits of 75%-125%.
- Sample W-MM-17_072517_SED_00-01 MS/MSD replicate one (216%/819%) recovery was above the QC limit of 125%. The MS/MSD RPD (28) was above the QC limit of 25. Sample W-MM-17_072517_SED_00-01 MS/MSD replicate two (0%/209%) recovery was outside the QC limits of 75%-125%.

The MS/MSD recoveries for samples OR-02-02_072417_SED_00-01, W-27-INTA-072417_SED_00-01, W-MM-17_072517_SED_00-01, OR-01-01_072417_SED_01-03, OR-01-04_072517_SED_01-03, W-14-A_072517_SED_01-03 and W-27-A_072517_SED_01-03 do not apply because the sample concentrations are > 4X the spike amount added. Based on professional judgement the TOC result for these samples do not require qualification.

SDG L1727213 – Sample W-104-INTB_080317_SED_05-10 was used for MS/MSD analysis. The MS recovery of TOC replicate one (171%) was above the upper QC limit of 125%. The MS/MSD RPD (30) was above the QC limit of 25. Based on professional judgement the TOC replicate one and average TOC results for sample W-104-INTB_080317_SED_05-10 were qualified estimated (J).

SDG L1727676 – Sample W-100-A_080117_SED_00-01 was used for MS analysis. The MS recovery of TOC replicate one (13%) and replicate two (0%) were below the lower QC limit of 75%. The MS recoveries do not apply because the sample concentrations are >4x the spike amount added. Based on professional judgement the TOC results for sample W-100-A_080117_SED_00-01 do not require qualification.

SDG L1727216 – Sample W-101-A_081717_SED_03-05 was used for MS analysis. The MS recovery of TOC replicate two (140%) was above the upper QC limit of 125%. The MS recoveries do not apply because the sample concentrations are >4x the spike amount added. Based on professional judgement the TOC results for sample W-101-A_081717_SED_03-05 do not require qualification.

SDG L1729601 – Sample W-101-A_081517_SED_00-01 was used for MS analysis. The MS recovery of TOC replicate two (138%) was above the upper QC limit of 125%. The MS recoveries do not apply because the sample concentrations are >4x the spike amount added. Based on professional judgement the TOC results for sample W-101-A_081517_SED_00-01 do not require qualification.

Sample Preparation

The homogenization of the following samples W-MM-04_071717_SED_01-03 deviated from the homogenization procedure outlined in the Statement of Work (SOW) (Eurofins, 2017).Following homogenization procedures outlined in the SOW, the laboratory erroneously homogenized the samples further using a Magic Bullet blender. Analytical results have not been qualified, but have been flagged in the database as being ground with a blender prior to analysis.

5.0 Percent Solids – 2540G

Holding Times and Preservation

SDG 1707620 – Percent total solids for each sample in SDG 1707620 was analyzed beyond technical hold time. The results for total solids were qualified as estimated (J).

SDG 1707704 – Percent total solids for each sample in SDG 1707704 was analyzed beyond technical hold time. The results for total solids were qualified as estimated (J).

SDG 1707771 – Percent total solids for each sample in SDG 1707771 was analyzed beyond technical hold time. The results for total solids were qualified as estimated (J).

SDG 1708151 – Percent total solids for each sample in SDG 1708151 was analyzed beyond technical hold time. The results for total solids were qualified as estimated (J).

SDG 1708524 – Percent total solids for each sample in SDG 1708524 was analyzed beyond technical hold time. The results for total solids were qualified as estimated (J).

References:

Amec Foster Wheeler, 2016. "Draft Penobscot River Estuary Phase III – Engineering Study Quality Assurance Project Plan", Penobscot River, Maine, July 2016.

Eurofins, 2017. "AMEC Sediment Lab Homogenization and Subsampling Procedure." Work Instruction EFSR-P-SP-WI15953; August, 8, 2017.

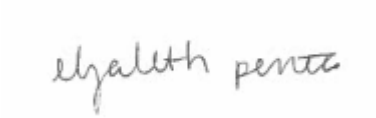
U.S. Environmental Protection Agency (USEPA), 2004. "Final Update IIIB and Method 9071B of Final Update IIIA"; Test Methods for Evaluating Solid Waste Physical/Chemical Methods SW-846; Office of Solid Waste and Emergency Response, EPA-SW-846-03-03B; November 2004.

U.S. Environmental Protection Agency (USEPA), 2009. "Guidance for Labeling Externally Validated Laboratory Analytical data for Superfund Use"; Office of Solid Waste and Emergency Response; EPA 540-R-08-005; January 13, 2009.

U.S. Environmental Protection Agency (USEPA), 2014. "National Functional Guidelines for Inorganic Superfund Data Review"; Office of Superfund Remediation and Technology Innovation; EPA-540-R-013-001; August 2014.

U.S. Environmental Protection Agency (USEPA), 2013. "EPA New England Environmental Data Review Supplement for Regional Data Review Elements and Superfund Specific Guidance/Procedures"; Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; April 22, 2013.

Data Validator: Elizabeth Penta October 20, 2017



Senior Reviewer: Denise King October 23, 2017

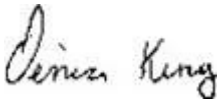


TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1725276	SED	W-104-A	W-104-A_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-104-A	W-104-A_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-03	W-MM-03_071817_SED_03-05	7/18/2017	FS	1			3
L1725276	SED	W-MM-03	W-MM-03_071817_SED_05-10	7/18/2017	FS	1			3
L1725276	SED	W-MM-04	W-MM-04_071817_SED_03-05	7/18/2017	FS	1			3
L1725276	SED	W-MM-04	W-MM-04_071817_SED_05-10	7/18/2017	FS	1			3
L1725276	SED	W-MM-05	W-MM-05_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-05	W-MM-05_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-08	W-MM-08_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-08	W-MM-08_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-11	W-MM-11_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-11	W-MM-11_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-12	W-MM-12_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-12	W-MM-12_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-13	W-MM-13_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-13	W-MM-13_071917_SED_05-10	7/19/2017	FS	1			3
L1725276	SED	W-MM-14	W-MM-14_071917_SED_03-05	7/19/2017	FS	1			3
L1725276	SED	W-MM-14	W-MM-14_071917_SED_05-10	7/19/2017	FS	1			3
1707620	SED	W-104-A	W-104-A_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-03	W-MM-03_071717_SED_00-01	7/17/2017	FS	1	1	1	
1707620	SED	W-MM-04	W-MM-04_071717_SED_00-01	7/17/2017	FS	1	1	1	
1707620	SED	W-MM-05	W-MM-05_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-08	W-MM-08_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-11	W-MM-11_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-12	W-MM-12_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-13	W-MM-13_071817_SED_00-01	7/18/2017	FS	1	1	1	

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Checked by: EP 09/26/2017

TABLE 1
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2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1707620	SED	W-MM-14	W-MM-14_071817_SED_00-01	7/18/2017	FS	1	1	1	
1707620	SED	W-104-A	W-104-A_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-03	W-MM-03_071717_SED_01-03	7/17/2017	FS	1	1	1	
1707620	SED	W-MM-04	W-MM-04_071717_SED_01-03	7/17/2017	FS	1	1	1	
1707620	SED	W-MM-05	W-MM-05_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-08	W-MM-08_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-11	W-MM-11_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-12	W-MM-12_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-13	W-MM-13_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-14	W-MM-14_071817_SED_01-03	7/18/2017	FS	1	1	1	
1707620	SED	W-MM-03	W-MM-03_071817_SED_03-05	7/18/2017	FS	1	1		
1707620	SED	W-MM-03	W-MM-03_071817_SED_05-10	7/18/2017	FS	1	1		
1707620	SED	W-MM-04	W-MM-04_071817_SED_03-05	7/18/2017	FS	1	1		
1707620	SED	W-MM-04	W-MM-04_071817_SED_05-10	7/18/2017	FS	1	1		
1707620	SED	W-MM-08	W-MM-08_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-08	W-MM-08_071917_SED_05-10	7/19/2017	FS	1	1		
1707620	SED	W-MM-11	W-MM-11_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-11	W-MM-11_071917_SED_05-10	7/19/2017	FS	1	1		
1707620	SED	W-104-A	W-104-A_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-104-A	W-104-A_071917_SED_05-10	7/19/2017	FS	1	1		
1707620	SED	W-MM-05	W-MM-05_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-05	W-MM-05_071917_SED_05-10	7/19/2017	FS	1	1		
1707620	SED	W-MM-12	W-MM-12_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-12	W-MM-12_071917_SED_05-10	7/19/2017	FS	1	1		
1707620	SED	W-MM-13	W-MM-13_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-13	W-MM-13_071917_SED_05-10	7/19/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1707620	SED	W-MM-14	W-MM-14_071917_SED_03-05	7/19/2017	FS	1	1		
1707620	SED	W-MM-14	W-MM-14_071917_SED_05-10	7/19/2017	FS	1	1		
1707704	BW	QC	EQ_072517_CORE_QC	7/25/2017	EB		1	1	
1707704	BW	QC	EQ_072517_CSHOE_QC	7/25/2017	EB		1	1	
L1725963	SED	W-27-A	W-27-A_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-27-A	W-27-A_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-14-INTA	W-14-INTA_072617_SED_03-05_R1	7/26/2017	FS	1			3
L1725963	SED	W-14-INTA	W-14-INTA_072617_SED_03-05_R2	7/26/2017	FS	1			3
L1725963	SED	W-14-INTA	W-14-INTA_072617_SED_03-05_R3	7/26/2017	FS	1			3
L1725963	SED	W-14-INTA	W-14-INTA_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-MM-07	W-MM-07_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-MM-07	W-MM-07_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-MM-TP	W-MM-TP_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-MM-TP	W-MM-TP_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-103-INTA	W-103-INTA_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-103-INTA	W-103-INTA_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-63-INT	W-63-INT_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-63-INT	W-63-INT_072617_SED_05-10_R1	7/26/2017	FS	1			3
L1725963	SED	W-63-INT	W-63-INT_072617_SED_05-10_R2	7/26/2017	FS	1			3
L1725963	SED	W-63-INT	W-63-INT_072617_SED_05-10_R3	7/26/2017	FS	1			3
L1725963	SED	W-MM-01	W-MM-01_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-MM-01	W-MM-01_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-104-INTA	W-104-INTA_072617_SED_03-05_R1	7/26/2017	FS	1			3
L1725963	SED	W-104-INTA	W-104-INTA_072617_SED_03-05_R2	7/26/2017	FS	1			3
L1725963	SED	W-104-INTA	W-104-INTA_072617_SED_03-05_R3	7/26/2017	FS	1			3
L1725963	SED	W-104-INTA	W-104-INTA_072617_SED_05-10	7/26/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1725963	SED	W-MM-17	W-MM-17_072617_SED_03-05_R1	7/26/2017	FS	1			3
L1725963	SED	W-MM-17	W-MM-17_072617_SED_03-05_R2	7/26/2017	FS	1			3
L1725963	SED	W-MM-17	W-MM-17_072617_SED_03-05_R3	7/26/2017	FS	1			3
L1725963	SED	W-MM-17	W-MM-17_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-MM-02	W-MM-02_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-MM-02	W-MM-02_072617_SED_05-10	7/26/2017	FS	1			3
L1725963	SED	W-102-INTA	W-102-INTA_072617_SED_03-05	7/26/2017	FS	1			3
L1725963	SED	W-102-INTA	W-102-INTA_072617_SED_05-10_R1	7/26/2017	FS	1			3
L1725963	SED	W-102-INTA	W-102-INTA_072617_SED_05-10_R2	7/26/2017	FS	1			3
L1725963	SED	W-102-INTA	W-102-INTA_072617_SED_05-10_R3	7/26/2017	FS	1			3
L1725963	SED	OR-01-01	OR-01-01_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-01-01	OR-01-01_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	OR-01-02	OR-01-02_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-01-02	OR-01-02_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	OR-01-03	OR-01-03_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-01-03	OR-01-03_072517_SED_05-10_R1	7/25/2017	FS	1			3
L1725963	SED	OR-01-03	OR-01-03_072517_SED_05-10_R2	7/25/2017	FS	1			3
L1725963	SED	OR-01-03	OR-01-03_072517_SED_05-10_R3	7/25/2017	FS	1			3
L1725963	SED	OR-01-04	OR-01-04_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-01-04	OR-01-04_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	OR-01-05	OR-01-05_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-01-05	OR-01-05_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	OR-02-01	OR-02-01_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	OR-02-01	OR-02-01_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	OR-02-02	OR-02-02_072517_SED_03-05_R1	7/25/2017	FS	1			3
L1725963	SED	OR-02-02	OR-02-02_072517_SED_03-05_R2	7/25/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1725963	SED	OR-02-02	OR-02-02_072517_SED_03-05_R3	7/25/2017	FS	1			3
L1725963	SED	OR-02-02	OR-02-02_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-103-A	W-103-A_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-103-A	W-103-A_072517_SED_05-10_R1	7/25/2017	FS	1			3
L1725963	SED	W-103-A	W-103-A_072517_SED_05-10_R2	7/25/2017	FS	1			3
L1725963	SED	W-103-A	W-103-A_072517_SED_05-10_R3	7/25/2017	FS	1			3
L1725963	SED	W-103-B	W-103-B_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-103-B	W-103-B_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-105-A	W-105-A_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-105-A	W-105-A_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-14-A	W-14-A_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-14-A	W-14-A_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-14-B	W-14-B_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-14-B	W-14-B_072517_SED_05-10_R1	7/25/2017	FS	1			3
L1725963	SED	W-14-B	W-14-B_072517_SED_05-10_R2	7/25/2017	FS	1			3
L1725963	SED	W-14-B	W-14-B_072517_SED_05-10_R3	7/25/2017	FS	1			3
L1725963	SED	W-14-C	W-14-C_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-14-C	W-14-C_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-27-INTA	W-27-INTA_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-27-INTA	W-27-INTA_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-MM-06	W-MM-06_072517_SED_03-05_R1	7/25/2017	FS	1			3
L1725963	SED	W-MM-06	W-MM-06_072517_SED_03-05_R2	7/25/2017	FS	1			3
L1725963	SED	W-MM-06	W-MM-06_072517_SED_03-05_R3	7/25/2017	FS	1			3
L1725963	SED	W-MM-06	W-MM-06_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-MM-18	W-MM-18_072517_SED_03-05_R1	7/25/2017	FS	1			3
L1725963	SED	W-MM-18	W-MM-18_072517_SED_03-05_R2	7/25/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	QC Code	Method Class Analysis Method % Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1725963	SED	W-MM-18	W-MM-18_072517_SED_03-05_R3	7/25/2017	FS	1			3
L1725963	SED	W-MM-18	W-MM-18_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-MM-19	W-MM-19_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-MM-19	W-MM-19_072517_SED_05-10_R1	7/25/2017	FS	1			3
L1725963	SED	W-MM-19	W-MM-19_072517_SED_05-10_R2	7/25/2017	FS	1			3
L1725963	SED	W-MM-19	W-MM-19_072517_SED_05-10_R3	7/25/2017	FS	1			3
L1725963	SED	W-MM-22	W-MM-22_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-MM-22	W-MM-22_072517_SED_05-10_R1	7/25/2017	FS	1			3
L1725963	SED	W-MM-22	W-MM-22_072517_SED_05-10_R2	7/25/2017	FS	1			3
L1725963	SED	W-MM-22	W-MM-22_072517_SED_05-10_R3	7/25/2017	FS	1			3
L1725963	SED	W-MM-23	W-MM-23_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-MM-23	W-MM-23_072517_SED_05-10	7/25/2017	FS	1			3
L1725963	SED	W-MM-24	W-MM-24_072517_SED_03-05	7/25/2017	FS	1			3
L1725963	SED	W-MM-24	W-MM-24_072517_SED_05-10	7/25/2017	FS	1			3
L1726234	SED	W-104-A	W-104-A_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-104-A	W-104-A_071817_SED_01-03	7/18/2017	FS	1			3
L1726234	SED	W-MM-03	W-MM-03_071717_SED_00-01	7/17/2017	FS	1			3
L1726234	SED	W-MM-03	W-MM-03_071717_SED_01-03	7/17/2017	FS	1			3
L1726234	SED	W-MM-04	W-MM-04_071717_SED_00-01	7/17/2017	FS	1			3
L1726234	SED	W-MM-04	W-MM-04_071717_SED_01-03	7/17/2017	FS	1			3
L1726234	SED	W-MM-05	W-MM-05_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-05	W-MM-05_071817_SED_01-03	7/18/2017	FS	1			3
L1726234	SED	W-MM-08	W-MM-08_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-08	W-MM-08_071817_SED_01-03	7/18/2017	FS	1			3
L1726234	SED	W-MM-11	W-MM-11_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-11	W-MM-11_071817_SED_01-03	7/18/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	QC Code	Method Class Analysis Method % Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1726234	SED	W-MM-12	W-MM-12_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-12	W-MM-12_071817_SED_01-03	7/18/2017	FS	1			3
L1726234	SED	W-MM-13	W-MM-13_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-13	W-MM-13_071817_SED_01-03	7/18/2017	FS	1			3
L1726234	SED	W-MM-14	W-MM-14_071817_SED_00-01	7/18/2017	FS	1			3
L1726234	SED	W-MM-14	W-MM-14_071817_SED_01-03	7/18/2017	FS	1			3
L1726792	SED	OR-01-01	OR-01-01_072417_SED_00-01_R1	7/24/2017	FS	1			3
L1726792	SED	OR-01-01	OR-01-01_072417_SED_00-01_R2	7/24/2017	FS	1			3
L1726792	SED	OR-01-01	OR-01-01_072417_SED_00-01_R3	7/24/2017	FS	1			3
L1726792	SED	OR-01-01	OR-01-01_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	OR-01-02	OR-01-02_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	OR-01-02	OR-01-02_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	OR-01-03	OR-01-03_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	OR-01-03	OR-01-03_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	OR-01-04	OR-01-04_072517_SED_00-01_R1	7/25/2017	FS	1			3
L1726792	SED	OR-01-04	OR-01-04_072517_SED_00-01_R2	7/25/2017	FS	1			3
L1726792	SED	OR-01-04	OR-01-04_072517_SED_00-01_R3	7/25/2017	FS	1			3
L1726792	SED	OR-01-04	OR-01-04_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	OR-01-05	OR-01-05_072417_SED_00-01_R1	7/24/2017	FS	1			3
L1726792	SED	OR-01-05	OR-01-05_072417_SED_00-01_R2	7/24/2017	FS	1			3
L1726792	SED	OR-01-05	OR-01-05_072417_SED_00-01_R3	7/24/2017	FS	1			3
L1726792	SED	OR-01-05	OR-01-05_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	OR-02-01	OR-02-01_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	OR-02-01	OR-02-01_072417_SED_01-03_R1	7/24/2017	FS	1			3
L1726792	SED	OR-02-01	OR-02-01_072417_SED_01-03_R2	7/24/2017	FS	1			3
L1726792	SED	OR-02-01	OR-02-01_072417_SED_01-03_R3	7/24/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1726792	SED	OR-02-02	OR-02-02_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	OR-02-02	OR-02-02_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-102-INTA	W-102-Inta_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-102-INTA	W-102-Inta_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-103-A	W-103-A_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-103-A	W-103-A_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-103-B	W-103-B_072417_SED_00-01_R1	7/24/2017	FS	1			3
L1726792	SED	W-103-B	W-103-B_072417_SED_00-01_R2	7/24/2017	FS	1			3
L1726792	SED	W-103-B	W-103-B_072417_SED_00-01_R3	7/24/2017	FS	1			3
L1726792	SED	W-103-B	W-103-B_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-103-INTA	W-103-Inta_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R1	7/25/2017	FS	1			3
L1726792	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R2	7/25/2017	FS	1			3
L1726792	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R3	7/25/2017	FS	1			3
L1726792	SED	W-104-INTA	W-104-Inta_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-104-INTA	W-104-Inta_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-105-A	W-105-A_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-105-A	W-105-A_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-14-A	W-14-A_072517_SED_00-01_R1	7/25/2017	FS	1			3
L1726792	SED	W-14-A	W-14-A_072517_SED_00-01_R2	7/25/2017	FS	1			3
L1726792	SED	W-14-A	W-14-A_072517_SED_00-01_R3	7/25/2017	FS	1			3
L1726792	SED	W-14-A	W-14-A_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-14-B	W-14-B_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-14-B	W-14-B_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-14-C	W-14-C_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-14-C	W-14-C_072417_SED_01-03_R1	7/24/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1726792	SED	W-14-C	W-14-C_072417_SED_01-03_R2	7/24/2017	FS	1			3
L1726792	SED	W-14-C	W-14-C_072417_SED_01-03_R3	7/24/2017	FS	1			3
L1726792	SED	W-14-INTA	W-14-Inta_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-14-INTA	W-14-Inta_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-27-A	W-27-A_072517_SED_00-01_R1	7/25/2017	FS	1			3
L1726792	SED	W-27-A	W-27-A_072517_SED_00-01_R2	7/25/2017	FS	1			3
L1726792	SED	W-27-A	W-27-A_072517_SED_00-01_R3	7/25/2017	FS	1			3
L1726792	SED	W-27-A	W-27-A_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-27-INTA	W-27-Inta_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-27-INTA	W-27-Inta_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-63-INT	W-63-INT_072517_SED_00-01_R1	7/25/2017	FS	1			3
L1726792	SED	W-63-INT	W-63-INT_072517_SED_00-01_R2	7/25/2017	FS	1			3
L1726792	SED	W-63-INT	W-63-INT_072517_SED_00-01_R3	7/25/2017	FS	1			3
L1726792	SED	W-63-INT	W-63-INT_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-MM-01	W-MM-01_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-MM-01	W-MM-01_072517_SED_01-03_R1	7/25/2017	FS	1			3
L1726792	SED	W-MM-01	W-MM-01_072517_SED_01-03_R2	7/25/2017	FS	1			3
L1726792	SED	W-MM-01	W-MM-01_072517_SED_01-03_R3	7/25/2017	FS	1			3
L1726792	SED	W-MM-02	W-MM-02_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-MM-02	W-MM-02_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-MM-06	W-MM-06_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-MM-06	W-MM-06_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-MM-07	W-MM-07_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-MM-07	W-MM-07_072517_SED_01-03_R1	7/25/2017	FS	1			3
L1726792	SED	W-MM-07	W-MM-07_072517_SED_01-03_R2	7/25/2017	FS	1			3
L1726792	SED	W-MM-07	W-MM-07_072517_SED_01-03_R3	7/25/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1726792	SED	W-MM-17	W-MM-17_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-MM-17	W-MM-17_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-MM-18	W-MM-18_072517_SED_00-01	7/25/2017	FS	1			3
L1726792	SED	W-MM-18	W-MM-18_072517_SED_01-03	7/25/2017	FS	1			3
L1726792	SED	W-MM-19	W-MM-19_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-MM-19	W-MM-19_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-MM-22	W-MM-22_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-MM-22	W-MM-22_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-MM-23	W-MM-23_072417_SED_00-01_R1	7/24/2017	FS	1			3
L1726792	SED	W-MM-23	W-MM-23_072417_SED_00-01_R2	7/24/2017	FS	1			3
L1726792	SED	W-MM-23	W-MM-23_072417_SED_00-01_R3	7/24/2017	FS	1			3
L1726792	SED	W-MM-23	W-MM-23_072417_SED_01-03	7/24/2017	FS	1			3
L1726792	SED	W-MM-24	W-MM-24_072417_SED_00-01	7/24/2017	FS	1			3
L1726792	SED	W-MM-24	W-MM-24_072417_SED_01-03_R1	7/24/2017	FS	1			3
L1726792	SED	W-MM-24	W-MM-24_072417_SED_01-03_R2	7/24/2017	FS	1			3
L1726792	SED	W-MM-24	W-MM-24_072417_SED_01-03_R3	7/24/2017	FS	1			3
L1726792	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R1	7/25/2017	FS	1			3
L1726792	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R2	7/25/2017	FS	1			3
L1726792	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R3	7/25/2017	FS	1			3
L1726792	SED	W-MM-TP	W-MM-TP_072517_SED_01-03	7/25/2017	FS	1			3
1707771	SED	OR-01-01	OR-01-01_072417_SED_00-01_R1	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-01	OR-01-01_072417_SED_00-01_R2	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-01	OR-01-01_072417_SED_00-01_R3	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-01	OR-01-01_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-01	OR-01-01_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-01-01	OR-01-01_072517_SED_05-10	7/25/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

					Method Class		Mercury	Methyl	TOC
					Analysis Method	% Solids	EPA 1631	Mercury	Lloyd-Kahn
SDG	Media	Location	Field Sample ID	Sample Date	QC Code			EPA 1630	
1707771	SED	OR-01-02	OR-01-02_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-02	OR-01-02_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-02	OR-01-02_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-01-02	OR-01-02_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	OR-01-03	OR-01-03_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-03	OR-01-03_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-03	OR-01-03_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-01-03	OR-01-03_072517_SED_05-10_R1	7/25/2017	FS	1	1		
1707771	SED	OR-01-03	OR-01-03_072517_SED_05-10_R2	7/25/2017	FS	1	1		
1707771	SED	OR-01-03	OR-01-03_072517_SED_05-10_R3	7/25/2017	FS	1	1		
1707771	SED	OR-01-04	OR-01-04_072517_SED_00-01_R1	7/25/2017	FS	1	1	1	
1707771	SED	OR-01-04	OR-01-04_072517_SED_00-01_R2	7/25/2017	FS	1	1	1	
1707771	SED	OR-01-04	OR-01-04_072517_SED_00-01_R3	7/25/2017	FS	1	1	1	
1707771	SED	OR-01-04	OR-01-04_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	OR-01-04	OR-01-04_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-01-04	OR-01-04_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	OR-01-05	OR-01-05_072417_SED_00-01_R1	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-05	OR-01-05_072417_SED_00-01_R2	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-05	OR-01-05_072417_SED_00-01_R3	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-05	OR-01-05_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	OR-01-05	OR-01-05_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-01-05	OR-01-05_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	OR-02-01	OR-02-01_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	OR-02-01	OR-02-01_072417_SED_01-03_R1	7/24/2017	FS	1	1	1	
1707771	SED	OR-02-01	OR-02-01_072417_SED_01-03_R2	7/24/2017	FS	1	1	1	
1707771	SED	OR-02-01	OR-02-01_072417_SED_01-03_R3	7/24/2017	FS	1	1	1	

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

					Method Class		Mercury	Methyl	TOC
					Analysis Method	% Solids	EPA 1631	Mercury	Lloyd-Kahn
SDG	Media	Location	Field Sample ID	Sample Date	QC Code			EPA 1630	
1707771	SED	OR-02-01	OR-02-01_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	OR-02-01	OR-02-01_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	OR-02-02	OR-02-02_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	OR-02-02	OR-02-02_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	OR-02-02	OR-02-02_072517_SED_03-05_R1	7/25/2017	FS	1	1		
1707771	SED	OR-02-02	OR-02-02_072517_SED_03-05_R2	7/25/2017	FS	1	1		
1707771	SED	OR-02-02	OR-02-02_072517_SED_03-05_R3	7/25/2017	FS	1	1		
1707771	SED	OR-02-02	OR-02-02_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-102-INTA	W-102-Inta_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-102-INTA	W-102-Inta_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-102-INTA	W-102-Inta_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-102-INTA	W-102-Inta_072617_SED_05-10_R1	7/26/2017	FS	1	1		
1707771	SED	W-102-INTA	W-102-Inta_072617_SED_05-10_R2	7/26/2017	FS	1	1		
1707771	SED	W-102-INTA	W-102-Inta_072617_SED_05-10_R3	7/26/2017	FS	1	1		
1707771	SED	W-103-A	W-103-A_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-103-A	W-103-A_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-103-A	W-103-A_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-103-A	W-103-A_072517_SED_05-10_R1	7/25/2017	FS	1	1		
1707771	SED	W-103-A	W-103-A_072517_SED_05-10_R2	7/25/2017	FS	1	1		
1707771	SED	W-103-A	W-103-A_072517_SED_05-10_R3	7/25/2017	FS	1	1		
1707771	SED	W-103-B	W-103-B_072417_SED_00-01_R1	7/24/2017	FS	1	1	1	
1707771	SED	W-103-B	W-103-B_072417_SED_00-01_R2	7/24/2017	FS	1	1	1	
1707771	SED	W-103-B	W-103-B_072417_SED_00-01_R3	7/24/2017	FS	1	1	1	
1707771	SED	W-103-B	W-103-B_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-103-B	W-103-B_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-103-B	W-103-B_072517_SED_05-10	7/25/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

					Method Class		Mercury	Methyl	TOC
					Analysis Method	% Solids	EPA 1631	Mercury	Lloyd-Kahn
SDG	Media	Location	Field Sample ID	Sample Date	QC Code			EPA 1630	
1707771	SED	W-103-INTA	W-103-Inta_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-103-INTA	W-103-Inta_072517_SED_01-03_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-103-INTA	W-103-Inta_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-103-INTA	W-103-Inta_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-104-INTA	W-104-Inta_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-104-INTA	W-104-Inta_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-104-INTA	W-104-Inta_072617_SED_03-05_R1	7/26/2017	FS	1	1		
1707771	SED	W-104-INTA	W-104-Inta_072617_SED_03-05_R2	7/26/2017	FS	1	1		
1707771	SED	W-104-INTA	W-104-Inta_072617_SED_03-05_R3	7/26/2017	FS	1	1		
1707771	SED	W-104-INTA	W-104-Inta_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-105-A	W-105-A_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-105-A	W-105-A_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-105-A	W-105-A_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-105-A	W-105-A_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-14-A	W-14-A_072517_SED_00-01_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-14-A	W-14-A_072517_SED_00-01_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-14-A	W-14-A_072517_SED_00-01_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-14-A	W-14-A_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-14-A	W-14-A_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-14-A	W-14-A_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-14-B	W-14-B_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-14-B	W-14-B_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-14-B	W-14-B_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-14-B	W-14-B_072517_SED_05-10_R1	7/25/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class Analysis Method QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1707771	SED	W-14-B	W-14-B_072517_SED_05-10_R2	7/25/2017	FS	1	1		
1707771	SED	W-14-B	W-14-B_072517_SED_05-10_R3	7/25/2017	FS	1	1		
1707771	SED	W-14-C	W-14-C_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-14-C	W-14-C_072417_SED_01-03_R1	7/24/2017	FS	1	1	1	
1707771	SED	W-14-C	W-14-C_072417_SED_01-03_R2	7/24/2017	FS	1	1	1	
1707771	SED	W-14-C	W-14-C_072417_SED_01-03_R3	7/24/2017	FS	1	1	1	
1707771	SED	W-14-C	W-14-C_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-14-C	W-14-C_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-14-INTA	W-14-Inta_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-14-INTA	W-14-Inta_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-14-INTA	W-14-Inta_072617_SED_03-05_R1	7/26/2017	FS	1	1		
1707771	SED	W-14-INTA	W-14-Inta_072617_SED_03-05_R2	7/26/2017	FS	1	1		
1707771	SED	W-14-INTA	W-14-Inta_072617_SED_03-05_R3	7/26/2017	FS	1	1		
1707771	SED	W-14-INTA	W-14-Inta_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-27-A	W-27-A_072517_SED_00-01_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-27-A	W-27-A_072517_SED_00-01_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-27-A	W-27-A_072517_SED_00-01_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-27-A	W-27-A_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-27-A	W-27-A_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-27-A	W-27-A_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-27-INTA	W-27-Inta_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-27-INTA	W-27-Inta_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-27-INTA	W-27-Inta_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-27-INTA	W-27-Inta_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-63-INT	W-63-INT_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-63-INT	W-63-INT_072517_SED_01-03	7/25/2017	FS	1	1	1	

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

					Method Class		Mercury	Methyl	TOC
					Analysis Method	% Solids	EPA 1631	Mercury	Lloyd-Kahn
SDG	Media	Location	Field Sample ID	Sample Date	QC Code			EPA 1630	
1707771	SED	W-63-INT	W-63-INT_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-63-INT	W-63-INT_072617_SED_05-10_R1	7/26/2017	FS	1	1		
1707771	SED	W-63-INT	W-63-INT_072617_SED_05-10_R2	7/26/2017	FS	1	1		
1707771	SED	W-63-INT	W-63-INT_072617_SED_05-10_R3	7/26/2017	FS	1	1		
1707771	SED	W-MM-01	W-MM-01_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-01	W-MM-01_072517_SED_01-03_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-01	W-MM-01_072517_SED_01-03_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-01	W-MM-01_072517_SED_01-03_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-01	W-MM-01_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-MM-01	W-MM-01_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-MM-02	W-MM-02_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-02	W-MM-02_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-02	W-MM-02_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-MM-02	W-MM-02_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-MM-06	W-MM-06_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-06	W-MM-06_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-06	W-MM-06_072517_SED_03-05_R1	7/25/2017	FS	1	1		
1707771	SED	W-MM-06	W-MM-06_072517_SED_03-05_R2	7/25/2017	FS	1	1		
1707771	SED	W-MM-06	W-MM-06_072517_SED_03-05_R3	7/25/2017	FS	1	1		
1707771	SED	W-MM-06	W-MM-06_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-MM-07	W-MM-07_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-07	W-MM-07_072517_SED_01-03_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-07	W-MM-07_072517_SED_01-03_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-07	W-MM-07_072517_SED_01-03_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-07	W-MM-07_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-MM-07	W-MM-07_072617_SED_05-10	7/26/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

					Method Class		Mercury	Methyl	TOC
					Analysis Method	% Solids	EPA 1631	Mercury	Lloyd-Kahn
SDG	Media	Location	Field Sample ID	Sample Date	QC Code			EPA 1630	
1707771	SED	W-MM-17	W-MM-17_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-17	W-MM-17_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-17	W-MM-17_072617_SED_03-05_R1	7/26/2017	FS	1	1		
1707771	SED	W-MM-17	W-MM-17_072617_SED_03-05_R2	7/26/2017	FS	1	1		
1707771	SED	W-MM-17	W-MM-17_072617_SED_03-05_R3	7/26/2017	FS	1	1		
1707771	SED	W-MM-17	W-MM-17_072617_SED_05-10	7/26/2017	FS	1	1		
1707771	SED	W-MM-18	W-MM-18_072517_SED_00-01	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-18	W-MM-18_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-18	W-MM-18_072517_SED_03-05_R1	7/25/2017	FS	1	1		
1707771	SED	W-MM-18	W-MM-18_072517_SED_03-05_R2	7/25/2017	FS	1	1		
1707771	SED	W-MM-18	W-MM-18_072517_SED_03-05_R3	7/25/2017	FS	1	1		
1707771	SED	W-MM-18	W-MM-18_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-MM-19	W-MM-19_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-19	W-MM-19_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-19	W-MM-19_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-MM-19	W-MM-19_072517_SED_05-10_R1	7/25/2017	FS	1	1		
1707771	SED	W-MM-19	W-MM-19_072517_SED_05-10_R2	7/25/2017	FS	1	1		
1707771	SED	W-MM-19	W-MM-19_072517_SED_05-10_R3	7/25/2017	FS	1	1		
1707771	SED	W-MM-22	W-MM-22_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-22	W-MM-22_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-22	W-MM-22_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-MM-22	W-MM-22_072517_SED_05-10_R1	7/25/2017	FS	1	1		
1707771	SED	W-MM-22	W-MM-22_072517_SED_05-10_R2	7/25/2017	FS	1	1		
1707771	SED	W-MM-22	W-MM-22_072517_SED_05-10_R3	7/25/2017	FS	1	1		
1707771	SED	W-MM-23	W-MM-23_072417_SED_00-01_R1	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-23	W-MM-23_072417_SED_00-01_R2	7/24/2017	FS	1	1	1	

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class Analysis Method QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1707771	SED	W-MM-23	W-MM-23_072417_SED_00-01_R3	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-23	W-MM-23_072417_SED_01-03	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-23	W-MM-23_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-MM-23	W-MM-23_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-MM-24	W-MM-24_072417_SED_00-01	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-24	W-MM-24_072417_SED_01-03_R1	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-24	W-MM-24_072417_SED_01-03_R2	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-24	W-MM-24_072417_SED_01-03_R3	7/24/2017	FS	1	1	1	
1707771	SED	W-MM-24	W-MM-24_072517_SED_03-05	7/25/2017	FS	1	1		
1707771	SED	W-MM-24	W-MM-24_072517_SED_05-10	7/25/2017	FS	1	1		
1707771	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R1	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R2	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-TP	W-MM-TP_072517_SED_00-01_R3	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-TP	W-MM-TP_072517_SED_01-03	7/25/2017	FS	1	1	1	
1707771	SED	W-MM-TP	W-MM-TP_072617_SED_03-05	7/26/2017	FS	1	1		
1707771	SED	W-MM-TP	W-MM-TP_072617_SED_05-10	7/26/2017	FS	1	1		
1708151	SED	W-100-A	W-100-A_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-100-A	W-100-A_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-100-A	W-100-A_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-100-A	W-100-A_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-101-INTA	W-101-INTA_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R1	8/1/2017	FS	1	1	1	
1708151	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R2	8/1/2017	FS	1	1	1	
1708151	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R3	8/1/2017	FS	1	1	1	
1708151	SED	W-101-INTA	W-101-INTA_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-101-INTA	W-101-INTA_080317_SED_05-10	8/3/2017	FS	1	1		

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1708151	SED	W-104-B	W-104-B_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-104-B	W-104-B_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-104-B	W-104-B_080317_SED_03-05_R1	8/3/2017	FS	1	1		
1708151	SED	W-104-B	W-104-B_080317_SED_03-05_R2	8/3/2017	FS	1	1		
1708151	SED	W-104-B	W-104-B_080317_SED_03-05_R3	8/3/2017	FS	1	1		
1708151	SED	W-104-B	W-104-B_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-104-INTB	W-104-INTB_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-104-INTB	W-104-INTB_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-104-INTB	W-104-INTB_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-104-INTB	W-104-INTB_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-106-A	W-106-A_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-106-A	W-106-A_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-106-A	W-106-A_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-106-A	W-106-A_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-107-A	W-107-A_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-107-A	W-107-A_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-107-A	W-107-A_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-107-A	W-107-A_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-109-A	W-109-A_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-109-A	W-109-A_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-109-A	W-109-A_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-109-A	W-109-A_080317_SED_05-10_R1	8/3/2017	FS	1	1		
1708151	SED	W-109-A	W-109-A_080317_SED_05-10_R2	8/3/2017	FS	1	1		
1708151	SED	W-109-A	W-109-A_080317_SED_05-10_R3	8/3/2017	FS	1	1		
1708151	SED	W-110-A	W-110-A_080117_SED_00-01_R1	8/1/2017	FS	1	1	1	
1708151	SED	W-110-A	W-110-A_080117_SED_00-01_R2	8/1/2017	FS	1	1	1	

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1708151	SED	W-110-A	W-110-A_080117_SED_00-01_R3	8/1/2017	FS	1	1	1	
1708151	SED	W-110-A	W-110-A_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-110-A	W-110-A_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-110-A	W-110-A_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-09	W-MM-09_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-09	W-MM-09_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-09	W-MM-09_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-09	W-MM-09_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-10	W-MM-10_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-10	W-MM-10_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-10	W-MM-10_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-10	W-MM-10_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-15	W-MM-15_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-15	W-MM-15_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-15	W-MM-15_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-15	W-MM-15_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-16	W-MM-16_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-16	W-MM-16_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-16	W-MM-16_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-16	W-MM-16_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-20	W-MM-20_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-20	W-MM-20_080117_SED_01-03	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-20	W-MM-20_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-20	W-MM-20_080317_SED_05-10	8/3/2017	FS	1	1		
1708151	SED	W-MM-21	W-MM-21_080117_SED_00-01	8/1/2017	FS	1	1	1	
1708151	SED	W-MM-21	W-MM-21_080117_SED_01-03	8/1/2017	FS	1	1	1	

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class / Analysis Method / QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1708151	SED	W-MM-21	W-MM-21_080317_SED_03-05	8/3/2017	FS	1	1		
1708151	SED	W-MM-21	W-MM-21_080317_SED_05-10	8/3/2017	FS	1	1		
1708524	SED	W-101-A	W-101-A_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-101-A	W-101-A_081517_SED_01-03	8/15/2017	FS	1	1	1	
1708524	SED	W-101-A	W-101-A_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-101-A	W-101-A_081717_SED_05-10	8/17/2017	FS	1	1		
1708524	SED	W-101-B	W-101-B_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-101-B	W-101-B_081517_SED_01-03_R1	8/15/2017	FS	1	1	1	
1708524	SED	W-101-B	W-101-B_081517_SED_01-03_R2	8/15/2017	FS	1	1	1	
1708524	SED	W-101-B	W-101-B_081517_SED_01-03_R3	8/15/2017	FS	1	1	1	
1708524	SED	W-101-B	W-101-B_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-101-B	W-101-B_081717_SED_05-10_R1	8/17/2017	FS	1	1		
1708524	SED	W-101-B	W-101-B_081717_SED_05-10_R2	8/17/2017	FS	1	1		
1708524	SED	W-101-B	W-101-B_081717_SED_05-10_R3	8/17/2017	FS	1	1		
1708524	SED	W-102-A	W-102-A_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-102-A	W-102-A_081517_SED_01-03	8/15/2017	FS	1	1	1	
1708524	SED	W-102-A	W-102-A_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-102-A	W-102-A_081717_SED_05-10	8/17/2017	FS	1	1		
1708524	SED	W-102-B	W-102-B_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-102-B	W-102-B_081517_SED_01-03	8/15/2017	FS	1	1	1	
1708524	SED	W-102-B	W-102-B_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-102-B	W-102-B_081717_SED_05-10	8/17/2017	FS	1	1		
1708524	SED	W-102-C	W-102-C_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-102-C	W-102-C_081517_SED_01-03	8/15/2017	FS	1	1	1	
1708524	SED	W-102-C	W-102-C_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-102-C	W-102-C_081717_SED_05-10	8/17/2017	FS	1	1		

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Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class Analysis Method QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
1708524	SED	W-108-A	W-108-A_081517_SED_00-01	8/15/2017	FS	1	1	1	
1708524	SED	W-108-A	W-108-A_081517_SED_01-03	8/15/2017	FS	1	1	1	
1708524	SED	W-108-A	W-108-A_081717_SED_03-05	8/17/2017	FS	1	1		
1708524	SED	W-108-A	W-108-A_081717_SED_05-10	8/17/2017	FS	1	1		
L1727213	SED	W-100-A	W-100-A_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-100-A	W-100-A_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-101-INTA	W-101-INTA_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-101-INTA	W-101-INTA_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-104-B	W-104-B_080317_SED_03-05_R1	8/3/2017	FS	1			3
L1727213	SED	W-104-B	W-104-B_080317_SED_03-05_R2	8/3/2017	FS	1			3
L1727213	SED	W-104-B	W-104-B_080317_SED_03-05_R3	8/3/2017	FS	1			3
L1727213	SED	W-104-B	W-104-B_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-104-INTB	W-104-INTB_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-104-INTB	W-104-INTB_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-106-A	W-106-A_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-106-A	W-106-A_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-107-A	W-107-A_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-107-A	W-107-A_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-109-A	W-109-A_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-109-A	W-109-A_080317_SED_05-10_R1	8/3/2017	FS	1			3
L1727213	SED	W-109-A	W-109-A_080317_SED_05-10_R2	8/3/2017	FS	1			3
L1727213	SED	W-109-A	W-109-A_080317_SED_05-10_R3	8/3/2017	FS	1			3
L1727213	SED	W-110-A	W-110-A_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-110-A	W-110-A_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-MM-09	W-MM-09_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-09	W-MM-09_080317_SED_05-10	8/3/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class Analysis Method QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1727213	SED	W-MM-10	W-MM-10_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-10	W-MM-10_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-MM-15	W-MM-15_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-15	W-MM-15_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-MM-16	W-MM-16_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-16	W-MM-16_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-MM-20	W-MM-20_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-20	W-MM-20_080317_SED_05-10	8/3/2017	FS	1			3
L1727213	SED	W-MM-21	W-MM-21_080317_SED_03-05	8/3/2017	FS	1			3
L1727213	SED	W-MM-21	W-MM-21_080317_SED_05-10	8/3/2017	FS	1			3
L1727676	SED	W-100-A	W-100-A_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-100-A	W-100-A_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-101-INTA	W-101-INTA_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R1	8/1/2017	FS	1			3
L1727676	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R2	8/1/2017	FS	1			3
L1727676	SED	W-101-INTA	W-101-INTA_080117_SED_01-03_R3	8/1/2017	FS	1			3
L1727676	SED	W-104-B	W-104-B_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-104-B	W-104-B_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-104-INTB	W-104-INTB_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-104-INTB	W-104-INTB_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-106-A	W-106-A_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-106-A	W-106-A_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-107-A	W-107-A_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-107-A	W-107-A_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-109-A	W-109-A_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-109-A	W-109-A_080117_SED_01-03	8/1/2017	FS	1			3

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Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	QC Code	Method Class Analysis Method % Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1727676	SED	W-110-A	W-110-A_080117_SED_00-01_R1	8/1/2017	FS	1			3
L1727676	SED	W-110-A	W-110-A_080117_SED_00-01_R2	8/1/2017	FS	1			3
L1727676	SED	W-110-A	W-110-A_080117_SED_00-01_R3	8/1/2017	FS	1			3
L1727676	SED	W-110-A	W-110-A_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-09	W-MM-09_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-09	W-MM-09_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-10	W-MM-10_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-10	W-MM-10_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-15	W-MM-15_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-15	W-MM-15_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-16	W-MM-16_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-16	W-MM-16_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-20	W-MM-20_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-20	W-MM-20_080117_SED_01-03	8/1/2017	FS	1			3
L1727676	SED	W-MM-21	W-MM-21_080117_SED_00-01	8/1/2017	FS	1			3
L1727676	SED	W-MM-21	W-MM-21_080117_SED_01-03	8/1/2017	FS	1			3
L1729216	SED	W-101-A	W-101-A_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-101-A	W-101-A_081717_SED_05-10	8/17/2017	FS	1			3
L1729216	SED	W-101-B	W-101-B_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-101-B	W-101-B_081717_SED_05-10_R1	8/17/2017	FS	1			3
L1729216	SED	W-101-B	W-101-B_081717_SED_05-10_R2	8/17/2017	FS	1			3
L1729216	SED	W-101-B	W-101-B_081717_SED_05-10_R3	8/17/2017	FS	1			3
L1729216	SED	W-102-A	W-102-A_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-102-A	W-102-A_081717_SED_05-10	8/17/2017	FS	1			3
L1729216	SED	W-102-B	W-102-B_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-102-B	W-102-B_081717_SED_05-10	8/17/2017	FS	1			3

Created by: BCG 09/20/2017
Checked by: EP 09/26/2017

TABLE 1
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Media	Location	Field Sample ID	Sample Date	Method Class Analysis Method QC Code	% Solids	Mercury EPA 1631	Methyl Mercury EPA 1630	TOC Lloyd-Kahn
L1729216	SED	W-102-C	W-102-C_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-102-C	W-102-C_081717_SED_05-10	8/17/2017	FS	1			3
L1729216	SED	W-108-A	W-108-A_081717_SED_03-05	8/17/2017	FS	1			3
L1729216	SED	W-108-A	W-108-A_081717_SED_05-10	8/17/2017	FS	1			3
L1729601	SED	W-101-A	W-101-A_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-101-A	W-101-A_081717_SED_05-10	8/17/17	FS	1			3
L1729601	SED	W-101-B	W-101-B_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-101-B	W-101-B_081717_SED_05-10_R1	8/17/17	FS	1			3
L1729601	SED	W-101-B	W-101-B_081717_SED_05-10_R2	8/17/17	FS	1			3
L1729601	SED	W-101-B	W-101-B_081717_SED_05-10_R3	8/17/17	FS	1			3
L1729601	SED	W-102-A	W-102-A_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-102-A	W-102-A_081717_SED_05-10	8/17/17	FS	1			3
L1729601	SED	W-102-B	W-102-B_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-102-B	W-102-B_081717_SED_05-10	8/17/17	FS	1			3
L1729601	SED	W-102-C	W-102-C_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-102-C	W-102-C_081717_SED_05-10	8/17/17	FS	1			3
L1729601	SED	W-108-A	W-108-A_081717_SED_03-05	8/17/17	FS	1			3
L1729601	SED	W-108-A	W-108-A_081717_SED_05-10	8/17/17	FS	1			3

Notes: FS = Field Sample EB = Equipment Blank
Count = # of analytes BW = Blank water
SDG = Sample Delivery Group

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TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
L1726234	LLOYD_KAHN	L1726234-01	W-104-A_071817_SED_00-01	T	Total Organic Carbon	0.5235		0.5235	J	MS-RPD,LD	PERCENT
L1726792	LLOYD_KAHN	L1726792-01	OR-01-01_072417_SED_00-01_R1	T	Total Organic Carbon	5.57		5.57	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-02	OR-01-01_072417_SED_00-01_R2	T	Total Organic Carbon	8.445		8.445	J	LR,LD	PERCENT
L1726792	LLOYD_KAHN	L1726792-03	OR-01-01_072417_SED_00-01_R3	T	Total Organic Carbon	5.695		5.695	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-04	OR-01-01_072417_SED_01-03	T	Total Organic Carbon	6.715		6.715	J	LD	PERCENT
L1726792	LLOYD_KAHN	L1726792-09	OR-01-05_072417_SED_00-01_R1	T	Total Organic Carbon	7.895		7.895	J	LR,LD	PERCENT
L1726792	LLOYD_KAHN	L1726792-10	OR-01-05_072417_SED_00-01_R2	T	Total Organic Carbon	5.855		5.855	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-11	OR-01-05_072417_SED_00-01_R3	T	Total Organic Carbon	6.01		6.01	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-28	W-14-C_072417_SED_01-03_R1	T	Total Organic Carbon	15.15		15.15	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-29	W-14-C_072417_SED_01-03_R2	T	Total Organic Carbon	14.25		14.25	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-30	W-14-C_072417_SED_01-03_R3	T	Total Organic Carbon	29.3		29.3	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-31	W-27-Inta_072417_SED_00-01	T	Total Organic Carbon	13.75		13.75	J	LD	PERCENT
L1726792	LLOYD_KAHN	L1726792-89	W-MM-TP_072517_SED_00-01_R1	T	Total Organic Carbon	5.37		5.37	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-90	W-MM-TP_072517_SED_00-01_R2	T	Total Organic Carbon	4.32		4.32	J	LR	PERCENT
L1726792	LLOYD_KAHN	L1726792-91	W-MM-TP_072517_SED_00-01_R3	T	Total Organic Carbon	8.965		8.965	J	LR	PERCENT
L1727213	LLOYD_KAHN	L1727213-10	W-104-INTB_080317_SED_05-10	T	Total Organic Carbon	6.825		6.825	J	MS-H,MS-RPD	PERCENT
1707620	% Solids	1707620-01	W-104-A_071817_SED_00-01	T	Percent Solids	85.5	O-04	85.5	J	HT	% BY WT.
1707620	% Solids	1707620-10	W-104-A_071817_SED_01-03	T	Percent Solids	84.1	O-04	84.1	J	HT	% BY WT.
1707620	% Solids	1707620-27	W-104-A_071917_SED_03-05	T	Percent Solids	83	O-04	83	J	HT	% BY WT.
1707620	% Solids	1707620-28	W-104-A_071917_SED_05-10	T	Percent Solids	83.8	O-04	83.8	J	HT	% BY WT.
1707620	% Solids	1707620-02	W-MM-03_071717_SED_00-01	T	Percent Solids	15.4	O-04	15.4	J	HT	% BY WT.
1707620	KOH_1630	1707620-11	W-MM-03_071717_SED_01-03	T	Methyl mercury	3.7	J	3.7	J	MS-L	NG/G
1707620	% Solids	1707620-11	W-MM-03_071717_SED_01-03	T	Percent Solids	17.3	O-04	17.3	J	HT	% BY WT.
1707620	% Solids	1707620-19	W-MM-03_071817_SED_03-05	T	Percent Solids	20.1	O-04	20.1	J	HT	% BY WT.
1707620	% Solids	1707620-20	W-MM-03_071817_SED_05-10	T	Percent Solids	19.1	O-04	19.1	J	HT	% BY WT.
1707620	% Solids	1707620-03	W-MM-04_071717_SED_00-01	T	Percent Solids	38.5	O-04	38.5	J	HT	% BY WT.
1707620	% Solids	1707620-12	W-MM-04_071717_SED_01-03	T	Percent Solids	40.5	O-04	40.5	J	HT	% BY WT.
1707620	% Solids	1707620-21	W-MM-04_071817_SED_03-05	T	Percent Solids	39.4	O-04	39.4	J	HT	% BY WT.

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TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707620	% Solids	1707620-22	W-MM-04_071817_SED_05-10	T	Percent Solids	39.2	O-04	39.2	J	HT	% BY WT.
1707620	% Solids	1707620-04	W-MM-05_071817_SED_00-01	T	Percent Solids	41.3	O-04	41.3	J	HT	% BY WT.
1707620	% Solids	1707620-13	W-MM-05_071817_SED_01-03	T	Percent Solids	46.2	O-04	46.2	J	HT	% BY WT.
1707620	% Solids	1707620-29	W-MM-05_071917_SED_03-05	T	Percent Solids	55.1	O-04	55.1	J	HT	% BY WT.
1707620	% Solids	1707620-30	W-MM-05_071917_SED_05-10	T	Percent Solids	47.5	O-04	47.5	J	HT	% BY WT.
1707620	% Solids	1707620-05	W-MM-08_071817_SED_00-01	T	Percent Solids	39.3	O-04	39.3	J	HT	% BY WT.
1707620	% Solids	1707620-14	W-MM-08_071817_SED_01-03	T	Percent Solids	41.2	O-04	41.2	J	HT	% BY WT.
1707620	% Solids	1707620-23	W-MM-08_071917_SED_03-05	T	Percent Solids	40.4	O-04	40.4	J	HT	% BY WT.
1707620	% Solids	1707620-24	W-MM-08_071917_SED_05-10	T	Percent Solids	36.5	O-04	36.5	J	HT	% BY WT.
1707620	% Solids	1707620-06	W-MM-11_071817_SED_00-01	T	Percent Solids	33.2	O-04	33.2	J	HT	% BY WT.
1707620	% Solids	1707620-15	W-MM-11_071817_SED_01-03	T	Percent Solids	31.8	O-04	31.8	J	HT	% BY WT.
1707620	% Solids	1707620-25	W-MM-11_071917_SED_03-05	T	Percent Solids	31.9	O-04	31.9	J	HT	% BY WT.
1707620	% Solids	1707620-26	W-MM-11_071917_SED_05-10	T	Percent Solids	27	O-04	27	J	HT	% BY WT.
1707620	% Solids	1707620-07	W-MM-12_071817_SED_00-01	T	Percent Solids	34	O-04	34	J	HT	% BY WT.
1707620	% Solids	1707620-16	W-MM-12_071817_SED_01-03	T	Percent Solids	29.2	O-04	29.2	J	HT	% BY WT.
1707620	% Solids	1707620-31	W-MM-12_071917_SED_03-05	T	Percent Solids	22.2	O-04	22.2	J	HT	% BY WT.
1707620	% Solids	1707620-32	W-MM-12_071917_SED_05-10	T	Percent Solids	18.7	O-04	18.7	J	HT	% BY WT.
1707620	% Solids	1707620-08	W-MM-13_071817_SED_00-01	T	Percent Solids	18.4	O-04	18.4	J	HT	% BY WT.
1707620	% Solids	1707620-17	W-MM-13_071817_SED_01-03	T	Percent Solids	18.9	O-04	18.9	J	HT	% BY WT.
1707620	% Solids	1707620-33	W-MM-13_071917_SED_03-05	T	Percent Solids	17.8	O-04	17.8	J	HT	% BY WT.
1707620	% Solids	1707620-34	W-MM-13_071917_SED_05-10	T	Percent Solids	20.7	O-04	20.7	J	HT	% BY WT.
1707620	% Solids	1707620-09	W-MM-14_071817_SED_00-01	T	Percent Solids	24	O-04	24	J	HT	% BY WT.
1707620	% Solids	1707620-18	W-MM-14_071817_SED_01-03	T	Percent Solids	23.2	O-04	23.2	J	HT	% BY WT.
1707620	% Solids	1707620-35	W-MM-14_071917_SED_03-05	T	Percent Solids	24.4	O-04	24.4	J	HT	% BY WT.
1707620	% Solids	1707620-36	W-MM-14_071917_SED_05-10	T	Percent Solids	24.6	O-04	24.6	J	HT	% BY WT.
1707771	% Solids	1707771-01	OR-01-01_072417_SED_00-01_R1	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.
1707771	% Solids	1707771-02	OR-01-01_072417_SED_00-01_R2	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.
1707771	% Solids	1707771-03	OR-01-01_072417_SED_00-01_R3	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.

Created by: BCG 10/24/2017
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TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-04	OR-01-01_072417_SED_01-03	T	Percent Solids	40.2	O-04	40.2	J	HT	% BY WT.
1707771	% Solids	1707771-79	OR-01-01_072517_SED_03-05	T	Percent Solids	45	O-04	45	J	HT	% BY WT.
1707771	% Solids	1707771-80	OR-01-01_072517_SED_05-10	T	Percent Solids	49.4	O-04	49.4	J	HT	% BY WT.
1707771	% Solids	1707771-05	OR-01-02_072417_SED_00-01	T	Percent Solids	29	O-04	29	J	HT	% BY WT.
1707771	% Solids	1707771-06	OR-01-02_072417_SED_01-03	T	Percent Solids	34.5	O-04	34.5	J	HT	% BY WT.
1707771	% Solids	1707771-81	OR-01-02_072517_SED_03-05	T	Percent Solids	36.5	O-04	36.5	J	HT	% BY WT.
1707771	% Solids	1707771-82	OR-01-02_072517_SED_05-10	T	Percent Solids	38	O-04	38	J	HT	% BY WT.
1707771	% Solids	1707771-07	OR-01-03_072417_SED_00-01	T	Percent Solids	32.1	O-04	32.1	J	HT	% BY WT.
1707771	% Solids	1707771-08	OR-01-03_072417_SED_01-03	T	Percent Solids	35.3	O-04	35.3	J	HT	% BY WT.
1707771	% Solids	1707771-83	OR-01-03_072517_SED_03-05	T	Percent Solids	41.2	O-04	41.2	J	HT	% BY WT.
1707771	% Solids	1707771-84	OR-01-03_072517_SED_05-10_R1	T	Percent Solids	41.9	O-04	41.9	J	HT	% BY WT.
1707771	% Solids	1707771-85	OR-01-03_072517_SED_05-10_R2	T	Percent Solids	41.7	O-04	41.7	J	HT	% BY WT.
1707771	% Solids	1707771-86	OR-01-03_072517_SED_05-10_R3	T	Percent Solids	41.3	O-04	41.3	J	HT	% BY WT.
1707771	7474_1631	1707771-87	OR-01-04_072517_SED_00-01_R1	T	Mercury	696		696	J	LR	NG/G
1707771	% Solids	1707771-87	OR-01-04_072517_SED_00-01_R1	T	Percent Solids	37.1	O-04	37.1	J	HT	% BY WT.
1707771	7474_1631	1707771-88	OR-01-04_072517_SED_00-01_R2	T	Mercury	1330		1,330	J	LR	NG/G
1707771	% Solids	1707771-88	OR-01-04_072517_SED_00-01_R2	T	Percent Solids	34.8	O-04	34.8	J	HT	% BY WT.
1707771	7474_1631	1707771-89	OR-01-04_072517_SED_00-01_R3	T	Mercury	869		869	J	LR	NG/G
1707771	% Solids	1707771-89	OR-01-04_072517_SED_00-01_R3	T	Percent Solids	35.5	O-04	35.5	J	HT	% BY WT.
1707771	% Solids	1707771-90	OR-01-04_072517_SED_01-03	T	Percent Solids	40.3	O-04	40.3	J	HT	% BY WT.
1707771	% Solids	1707771-91	OR-01-04_072517_SED_03-05	T	Percent Solids	45.4	O-04	45.4	J	HT	% BY WT.
1707771	% Solids	1707771-92	OR-01-04_072517_SED_05-10	T	Percent Solids	42.8	O-04	42.8	J	HT	% BY WT.
1707771	% Solids	1707771-09	OR-01-05_072417_SED_00-01_R1	T	Percent Solids	41.8	O-04	41.8	J	HT	% BY WT.
1707771	% Solids	1707771-10	OR-01-05_072417_SED_00-01_R2	T	Percent Solids	41.8	O-04	41.8	J	HT	% BY WT.
1707771	% Solids	1707771-11	OR-01-05_072417_SED_00-01_R3	T	Percent Solids	41.8	O-04	41.8	J	HT	% BY WT.
1707771	% Solids	1707771-12	OR-01-05_072417_SED_01-03	T	Percent Solids	48.2	O-04	48.2	J	HT	% BY WT.
1707771	% Solids	1707771-93	OR-01-05_072517_SED_03-05	T	Percent Solids	42.8	O-04	42.8	J	HT	% BY WT.
1707771	% Solids	1707771-94	OR-01-05_072517_SED_05-10	T	Percent Solids	48.3	O-04	48.3	J	HT	% BY WT.

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-13	OR-02-01_072417_SED_00-01	T	Percent Solids	22.3	O-04	22.3	J	HT	% BY WT.
1707771	% Solids	1707771-14	OR-02-01_072417_SED_01-03_R1	T	Percent Solids	34.1	O-04	34.1	J	HT	% BY WT.
1707771	% Solids	1707771-15	OR-02-01_072417_SED_01-03_R2	T	Percent Solids	33.7	O-04	33.7	J	HT	% BY WT.
1707771	% Solids	1707771-16	OR-02-01_072417_SED_01-03_R3	T	Percent Solids	33.7	O-04	33.7	J	HT	% BY WT.
1707771	% Solids	1707771-95	OR-02-01_072517_SED_03-05	T	Percent Solids	37.1	O-04	37.1	J	HT	% BY WT.
1707771	% Solids	1707771-96	OR-02-01_072517_SED_05-10	T	Percent Solids	34.5	O-04	34.5	J	HT	% BY WT.
1707771	% Solids	1707771-17	OR-02-02_072417_SED_00-01	T	Percent Solids	33	O-04	33	J	HT	% BY WT.
1707771	% Solids	1707771-18	OR-02-02_072417_SED_01-03	T	Percent Solids	41.5	O-04	41.5	J	HT	% BY WT.
1707771	% Solids	1707771-97	OR-02-02_072517_SED_03-05_R1	T	Percent Solids	39.5	O-04	39.5	J	HT	% BY WT.
1707771	% Solids	1707771-98	OR-02-02_072517_SED_03-05_R2	T	Percent Solids	39	O-04	39	J	HT	% BY WT.
1707771	% Solids	1707771-99	OR-02-02_072517_SED_03-05_R3	T	Percent Solids	39.2	O-04	39.2	J	HT	% BY WT.
1707771	% Solids	1707771-AA	OR-02-02_072517_SED_05-10	T	Percent Solids	39.6	O-04	39.6	J	HT	% BY WT.
1707771	% Solids	1707771-AB	W-102-Inta_072517_SED_00-01	T	Percent Solids	34.4	O-04	34.4	J	HT	% BY WT.
1707771	% Solids	1707771-AC	W-102-Inta_072517_SED_01-03	T	Percent Solids	29.8	O-04	29.8	J	HT	% BY WT.
1707771	% Solids	1707771-75	W-102-Inta_072617_SED_03-05	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.
1707771	% Solids	1707771-76	W-102-Inta_072617_SED_05-10_R1	T	Percent Solids	30	O-04	30	J	HT	% BY WT.
1707771	% Solids	1707771-77	W-102-Inta_072617_SED_05-10_R2	T	Percent Solids	29.2	O-04	29.2	J	HT	% BY WT.
1707771	% Solids	1707771-78	W-102-Inta_072617_SED_05-10_R3	T	Percent Solids	29.7	O-04	29.7	J	HT	% BY WT.
1707771	% Solids	1707771-19	W-103-A_072417_SED_00-01	T	Percent Solids	22.5	O-04	22.5	J	HT	% BY WT.
1707771	% Solids	1707771-20	W-103-A_072417_SED_01-03	T	Percent Solids	24.2	O-04	24.2	J	HT	% BY WT.
1707771	% Solids	1707771-AD	W-103-A_072517_SED_03-05	T	Percent Solids	27.1	O-04	27.1	J	HT	% BY WT.
1707771	7474_1631	1707771-AE	W-103-A_072517_SED_05-10_R1	T	Mercury	649		649	J	LR	NG/G
1707771	% Solids	1707771-AE	W-103-A_072517_SED_05-10_R1	T	Percent Solids	22.5	O-04	22.5	J	HT	% BY WT.
1707771	7474_1631	1707771-AF	W-103-A_072517_SED_05-10_R2	T	Mercury	457		457	J	LR	NG/G
1707771	% Solids	1707771-AF	W-103-A_072517_SED_05-10_R2	T	Percent Solids	23.8	O-04	23.8	J	HT	% BY WT.
1707771	7474_1631	1707771-AG	W-103-A_072517_SED_05-10_R3	T	Mercury	909		909	J	LR	NG/G
1707771	% Solids	1707771-AG	W-103-A_072517_SED_05-10_R3	T	Percent Solids	23.8	O-04	23.8	J	HT	% BY WT.
1707771	% Solids	1707771-21	W-103-B_072417_SED_00-01_R1	T	Percent Solids	22.9	O-04	22.9	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-22	W-103-B_072417_SED_00-01_R2	T	Percent Solids	23.7	O-04	23.7	J	HT	% BY WT.
1707771	% Solids	1707771-23	W-103-B_072417_SED_00-01_R3	T	Percent Solids	24.2	O-04	24.2	J	HT	% BY WT.
1707771	% Solids	1707771-24	W-103-B_072417_SED_01-03	T	Percent Solids	27	O-04	27	J	HT	% BY WT.
1707771	% Solids	1707771-AH	W-103-B_072517_SED_03-05	T	Percent Solids	28.5	O-04	28.5	J	HT	% BY WT.
1707771	% Solids	1707771-AI	W-103-B_072517_SED_05-10	T	Percent Solids	33	O-04	33	J	HT	% BY WT.
1707771	% Solids	1707771-AJ	W-103-Inta_072517_SED_00-01	T	Percent Solids	39.4	O-04	39.4	J	HT	% BY WT.
1707771	% Solids	1707771-AK	W-103-Inta_072517_SED_01-03_R1	T	Percent Solids	47.9	O-04	47.9	J	HT	% BY WT.
1707771	% Solids	1707771-AL	W-103-Inta_072517_SED_01-03_R2	T	Percent Solids	48	O-04	48	J	HT	% BY WT.
1707771	% Solids	1707771-AM	W-103-Inta_072517_SED_01-03_R3	T	Percent Solids	47.6	O-04	47.6	J	HT	% BY WT.
1707771	% Solids	1707771-57	W-103-Inta_072617_SED_03-05	T	Percent Solids	42.7	O-04	42.7	J	HT	% BY WT.
1707771	% Solids	1707771-58	W-103-Inta_072617_SED_05-10	T	Percent Solids	42.5	O-04	42.5	J	HT	% BY WT.
1707771	% Solids	1707771-AN	W-104-Inta_072517_SED_00-01	T	Percent Solids	23.9	O-04	23.9	J	HT	% BY WT.
1707771	% Solids	1707771-AO	W-104-Inta_072517_SED_01-03	T	Percent Solids	33.9	O-04	33.9	J	HT	% BY WT.
1707771	% Solids	1707771-65	W-104-Inta_072617_SED_03-05_R1	T	Percent Solids	37.7	O-04	37.7	J	HT	% BY WT.
1707771	% Solids	1707771-66	W-104-Inta_072617_SED_03-05_R2	T	Percent Solids	38.2	O-04	38.2	J	HT	% BY WT.
1707771	% Solids	1707771-67	W-104-Inta_072617_SED_03-05_R3	T	Percent Solids	37.9	O-04	37.9	J	HT	% BY WT.
1707771	% Solids	1707771-68	W-104-Inta_072617_SED_05-10	T	Percent Solids	43.4	O-04	43.4	J	HT	% BY WT.
1707771	% Solids	1707771-25	W-105-A_072417_SED_00-01	T	Percent Solids	23.3	O-04	23.3	J	HT	% BY WT.
1707771	% Solids	1707771-26	W-105-A_072417_SED_01-03	T	Percent Solids	31.8	O-04	31.8	J	HT	% BY WT.
1707771	% Solids	1707771-AP	W-105-A_072517_SED_03-05	T	Percent Solids	32.3	O-04	32.3	J	HT	% BY WT.
1707771	% Solids	1707771-AQ	W-105-A_072517_SED_05-10	T	Percent Solids	34.4	O-04	34.4	J	HT	% BY WT.
1707771	% Solids	1707771-AR	W-14-A_072517_SED_00-01_R1	T	Percent Solids	28.8	O-04	28.8	J	HT	% BY WT.
1707771	% Solids	1707771-AS	W-14-A_072517_SED_00-01_R2	T	Percent Solids	29	O-04	29	J	HT	% BY WT.
1707771	% Solids	1707771-AT	W-14-A_072517_SED_00-01_R3	T	Percent Solids	28.7	O-04	28.7	J	HT	% BY WT.
1707771	% Solids	1707771-AU	W-14-A_072517_SED_01-03	T	Percent Solids	27.1	O-04	27.1	J	HT	% BY WT.
1707771	% Solids	1707771-AV	W-14-A_072517_SED_03-05	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.
1707771	% Solids	1707771-AW	W-14-A_072517_SED_05-10	T	Percent Solids	28.2	O-04	28.2	J	HT	% BY WT.
1707771	% Solids	1707771-AX	W-14-B_072517_SED_00-01	T	Percent Solids	41.8	O-04	41.8	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-AY	W-14-B_072517_SED_01-03	T	Percent Solids	43.9	O-04	43.9	J	HT	% BY WT.
1707771	% Solids	1707771-AZ	W-14-B_072517_SED_03-05	T	Percent Solids	43.5	O-04	43.5	J	HT	% BY WT.
1707771	% Solids	1707771-BA	W-14-B_072517_SED_05-10_R1	T	Percent Solids	55.1	O-04	55.1	J	HT	% BY WT.
1707771	% Solids	1707771-BB	W-14-B_072517_SED_05-10_R2	T	Percent Solids	61.7	O-04	61.7	J	HT	% BY WT.
1707771	% Solids	1707771-BC	W-14-B_072517_SED_05-10_R3	T	Percent Solids	59.6	O-04	59.6	J	HT	% BY WT.
1707771	% Solids	1707771-27	W-14-C_072417_SED_00-01	T	Percent Solids	26.3	O-04	26.3	J	HT	% BY WT.
1707771	% Solids	1707771-28	W-14-C_072417_SED_01-03_R1	T	Percent Solids	28	O-04	28	J	HT	% BY WT.
1707771	% Solids	1707771-29	W-14-C_072417_SED_01-03_R2	T	Percent Solids	27.9	O-04	27.9	J	HT	% BY WT.
1707771	% Solids	1707771-30	W-14-C_072417_SED_01-03_R3	T	Percent Solids	28.4	O-04	28.4	J	HT	% BY WT.
1707771	% Solids	1707771-BD	W-14-C_072517_SED_03-05	T	Percent Solids	26.2	O-04	26.2	J	HT	% BY WT.
1707771	% Solids	1707771-BE	W-14-C_072517_SED_05-10	T	Percent Solids	25.3	O-04	25.3	J	HT	% BY WT.
1707771	% Solids	1707771-BF	W-14-Inta_072517_SED_00-01	T	Percent Solids	51.7	O-04	51.7	J	HT	% BY WT.
1707771	% Solids	1707771-BG	W-14-Inta_072517_SED_01-03	T	Percent Solids	61	O-04	61	J	HT	% BY WT.
1707771	% Solids	1707771-49	W-14-Inta_072617_SED_03-05_R1	T	Percent Solids	64.1	O-04	64.1	J	HT	% BY WT.
1707771	% Solids	1707771-50	W-14-Inta_072617_SED_03-05_R2	T	Percent Solids	63.3	O-04	63.3	J	HT	% BY WT.
1707771	% Solids	1707771-51	W-14-Inta_072617_SED_03-05_R3	T	Percent Solids	64.1	O-04	64.1	J	HT	% BY WT.
1707771	% Solids	1707771-52	W-14-Inta_072617_SED_05-10	T	Percent Solids	66.5	O-04	66.5	J	HT	% BY WT.
1707771	% Solids	1707771-BH	W-27-A_072517_SED_00-01_R1	T	Percent Solids	29.1	O-04	29.1	J	HT	% BY WT.
1707771	% Solids	1707771-BI	W-27-A_072517_SED_00-01_R2	T	Percent Solids	28.3	O-04	28.3	J	HT	% BY WT.
1707771	% Solids	1707771-BJ	W-27-A_072517_SED_00-01_R3	T	Percent Solids	26.9	O-04	26.9	J	HT	% BY WT.
1707771	% Solids	1707771-BK	W-27-A_072517_SED_01-03	T	Percent Solids	25.2	O-04	25.2	J	HT	% BY WT.
1707771	% Solids	1707771-47	W-27-A_072617_SED_03-05	T	Percent Solids	28.8	O-04	28.8	J	HT	% BY WT.
1707771	% Solids	1707771-48	W-27-A_072617_SED_05-10	T	Percent Solids	29.9	O-04	29.9	J	HT	% BY WT.
1707771	% Solids	1707771-31	W-27-Inta_072417_SED_00-01	T	Percent Solids	34.1	O-04	34.1	J	HT	% BY WT.
1707771	% Solids	1707771-32	W-27-Inta_072417_SED_01-03	T	Percent Solids	35.9	O-04	35.9	J	HT	% BY WT.
1707771	% Solids	1707771-BL	W-27-Inta_072517_SED_03-05	T	Percent Solids	41.4	O-04	41.4	J	HT	% BY WT.
1707771	% Solids	1707771-BM	W-27-Inta_072517_SED_05-10	T	Percent Solids	41.9	O-04	41.9	J	HT	% BY WT.
1707771	% Solids	1707771-BN	W-63-INT_072517_SED_00-01	T	Percent Solids	22.1	O-04	22.1	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-BO	W-63-INT_072517_SED_01-03	T	Percent Solids	32.4	O-04	32.4	J	HT	% BY WT.
1707771	% Solids	1707771-59	W-63-INT_072617_SED_03-05	T	Percent Solids	41.9	O-04	41.9	J	HT	% BY WT.
1707771	% Solids	1707771-60	W-63-INT_072617_SED_05-10_R1	T	Percent Solids	36.6	O-04	36.6	J	HT	% BY WT.
1707771	% Solids	1707771-61	W-63-INT_072617_SED_05-10_R2	T	Percent Solids	36.4	O-04	36.4	J	HT	% BY WT.
1707771	% Solids	1707771-62	W-63-INT_072617_SED_05-10_R3	T	Percent Solids	36.2	O-04	36.2	J	HT	% BY WT.
1707771	% Solids	1707771-BP	W-MM-01_072517_SED_00-01	T	Percent Solids	26.5	O-04	26.5	J	HT	% BY WT.
1707771	% Solids	1707771-BQ	W-MM-01_072517_SED_01-03_R1	T	Percent Solids	26.3	O-04	26.3	J	HT	% BY WT.
1707771	% Solids	1707771-BR	W-MM-01_072517_SED_01-03_R2	T	Percent Solids	27.5	O-04	27.5	J	HT	% BY WT.
1707771	% Solids	1707771-BS	W-MM-01_072517_SED_01-03_R3	T	Percent Solids	25.3	O-04	25.3	J	HT	% BY WT.
1707771	% Solids	1707771-63	W-MM-01_072617_SED_03-05	T	Percent Solids	22.1	O-04	22.1	J	HT	% BY WT.
1707771	% Solids	1707771-64	W-MM-01_072617_SED_05-10	T	Percent Solids	28.6	O-04	28.6	J	HT	% BY WT.
1707771	% Solids	1707771-BT	W-MM-02_072517_SED_00-01	T	Percent Solids	23.4	O-04	23.4	J	HT	% BY WT.
1707771	% Solids	1707771-BU	W-MM-02_072517_SED_01-03	T	Percent Solids	23.8	O-04	23.8	J	HT	% BY WT.
1707771	% Solids	1707771-73	W-MM-02_072617_SED_03-05	T	Percent Solids	24.5	O-04	24.5	J	HT	% BY WT.
1707771	% Solids	1707771-74	W-MM-02_072617_SED_05-10	T	Percent Solids	28.1	O-04	28.1	J	HT	% BY WT.
1707771	% Solids	1707771-33	W-MM-06_072417_SED_00-01	T	Percent Solids	23.7	O-04	23.7	J	HT	% BY WT.
1707771	% Solids	1707771-34	W-MM-06_072417_SED_01-03	T	Percent Solids	27.3	O-04	27.3	J	HT	% BY WT.
1707771	% Solids	1707771-BV	W-MM-06_072517_SED_03-05_R1	T	Percent Solids	29.5	O-04	29.5	J	HT	% BY WT.
1707771	% Solids	1707771-BW	W-MM-06_072517_SED_03-05_R2	T	Percent Solids	27	O-04	27	J	HT	% BY WT.
1707771	% Solids	1707771-BX	W-MM-06_072517_SED_03-05_R3	T	Percent Solids	29.2	O-04	29.2	J	HT	% BY WT.
1707771	% Solids	1707771-BY	W-MM-06_072517_SED_05-10	T	Percent Solids	31.4	O-04	31.4	J	HT	% BY WT.
1707771	% Solids	1707771-BZ	W-MM-07_072517_SED_00-01	T	Percent Solids	21.8	O-04	21.8	J	HT	% BY WT.
1707771	% Solids	1707771-CA	W-MM-07_072517_SED_01-03_R1	T	Percent Solids	23.5	O-04	23.5	J	HT	% BY WT.
1707771	% Solids	1707771-CB	W-MM-07_072517_SED_01-03_R2	T	Percent Solids	23.2	O-04	23.2	J	HT	% BY WT.
1707771	% Solids	1707771-CC	W-MM-07_072517_SED_01-03_R3	T	Percent Solids	22.5	O-04	22.5	J	HT	% BY WT.
1707771	% Solids	1707771-53	W-MM-07_072617_SED_03-05	T	Percent Solids	20.9	O-04	20.9	J	HT	% BY WT.
1707771	% Solids	1707771-54	W-MM-07_072617_SED_05-10	T	Percent Solids	30.2	O-04	30.2	J	HT	% BY WT.
1707771	7474_1631	1707771-CD	W-MM-17_072517_SED_00-01	T	Mercury	162		162	J	MS-L	NG/G

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	% Solids	1707771-CD	W-MM-17_072517_SED_00-01	T	Percent Solids	19.4	O-04	19.4	J	HT	% BY WT.
1707771	% Solids	1707771-CE	W-MM-17_072517_SED_01-03	T	Percent Solids	26	O-04	26	J	HT	% BY WT.
1707771	% Solids	1707771-69	W-MM-17_072617_SED_03-05_R1	T	Percent Solids	25.6	O-04	25.6	J	HT	% BY WT.
1707771	% Solids	1707771-70	W-MM-17_072617_SED_03-05_R2	T	Percent Solids	25.7	O-04	25.7	J	HT	% BY WT.
1707771	% Solids	1707771-71	W-MM-17_072617_SED_03-05_R3	T	Percent Solids	24.2	O-04	24.2	J	HT	% BY WT.
1707771	% Solids	1707771-72	W-MM-17_072617_SED_05-10	T	Percent Solids	27.7	O-04	27.7	J	HT	% BY WT.
1707771	% Solids	1707771-CF	W-MM-18_072517_SED_00-01	T	Percent Solids	22.5	O-04	22.5	J	HT	% BY WT.
1707771	% Solids	1707771-CG	W-MM-18_072517_SED_01-03	T	Percent Solids	23.6	O-04	23.6	J	HT	% BY WT.
1707771	7474_1631	1707771-CH	W-MM-18_072517_SED_03-05_R1	T	Mercury	858		858	J	LR	NG/G
1707771	% Solids	1707771-CH	W-MM-18_072517_SED_03-05_R1	T	Percent Solids	25.1	O-04	25.1	J	HT	% BY WT.
1707771	7474_1631	1707771-CI	W-MM-18_072517_SED_03-05_R2	T	Mercury	1230		1,230	J	LR	NG/G
1707771	% Solids	1707771-CI	W-MM-18_072517_SED_03-05_R2	T	Percent Solids	22.4	O-04	22.4	J	HT	% BY WT.
1707771	7474_1631	1707771-CJ	W-MM-18_072517_SED_03-05_R3	T	Mercury	576		576	J	LR	NG/G
1707771	% Solids	1707771-CJ	W-MM-18_072517_SED_03-05_R3	T	Percent Solids	32.7	O-04	32.7	J	HT	% BY WT.
1707771	% Solids	1707771-CK	W-MM-18_072517_SED_05-10	T	Percent Solids	27.1	O-04	27.1	J	HT	% BY WT.
1707771	% Solids	1707771-35	W-MM-19_072417_SED_00-01	T	Percent Solids	31.2	O-04	31.2	J	HT	% BY WT.
1707771	% Solids	1707771-36	W-MM-19_072417_SED_01-03	T	Percent Solids	37.8	O-04	37.8	J	HT	% BY WT.
1707771	% Solids	1707771-CL	W-MM-19_072517_SED_03-05	T	Percent Solids	45.2	O-04	45.2	J	HT	% BY WT.
1707771	7474_1631	1707771-CM	W-MM-19_072517_SED_05-10_R1	T	Mercury	336		336	J	LR	NG/G
1707771	% Solids	1707771-CM	W-MM-19_072517_SED_05-10_R1	T	Percent Solids	26.1	O-04	26.1	J	HT	% BY WT.
1707771	7474_1631	1707771-CN	W-MM-19_072517_SED_05-10_R2	T	Mercury	245		245	J	LR	NG/G
1707771	% Solids	1707771-CN	W-MM-19_072517_SED_05-10_R2	T	Percent Solids	27.3	O-04	27.3	J	HT	% BY WT.
1707771	7474_1631	1707771-CO	W-MM-19_072517_SED_05-10_R3	T	Mercury	150		150	J	LR	NG/G
1707771	% Solids	1707771-CO	W-MM-19_072517_SED_05-10_R3	T	Percent Solids	31.1	O-04	31.1	J	HT	% BY WT.
1707771	% Solids	1707771-37	W-MM-22_072417_SED_00-01	T	Percent Solids	20.7	O-04	20.7	J	HT	% BY WT.
1707771	% Solids	1707771-38	W-MM-22_072417_SED_01-03	T	Percent Solids	25.4	O-04	25.4	J	HT	% BY WT.
1707771	7474_1631	1707771-CP	W-MM-22_072517_SED_03-05	T	Mercury	584		584	J	MS-L	NG/G
1707771	% Solids	1707771-CP	W-MM-22_072517_SED_03-05	T	Percent Solids	26.5	O-04	26.5	J	HT	% BY WT.

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1707771	7474_1631	1707771-CQRE1	W-MM-22_072517_SED_05-10_R1	T	Mercury	21		21	J	LR	NG/G
1707771	% Solids	1707771-CQ	W-MM-22_072517_SED_05-10_R1	T	Percent Solids	31.8	O-04	31.8	J	HT	% BY WT.
1707771	7474_1631	1707771-CRRE1	W-MM-22_072517_SED_05-10_R2	T	Mercury	20.8		20.8	J	LR	NG/G
1707771	% Solids	1707771-CR	W-MM-22_072517_SED_05-10_R2	T	Percent Solids	31.2	O-04	31.2	J	HT	% BY WT.
1707771	7474_1631	1707771-CS	W-MM-22_072517_SED_05-10_R3	T	Mercury	103		103	J	LR	NG/G
1707771	% Solids	1707771-CS	W-MM-22_072517_SED_05-10_R3	T	Percent Solids	32.1	O-04	32.1	J	HT	% BY WT.
1707771	% Solids	1707771-39	W-MM-23_072417_SED_00-01_R1	T	Percent Solids	34	O-04	34	J	HT	% BY WT.
1707771	% Solids	1707771-40	W-MM-23_072417_SED_00-01_R2	T	Percent Solids	32.7	O-04	32.7	J	HT	% BY WT.
1707771	% Solids	1707771-41	W-MM-23_072417_SED_00-01_R3	T	Percent Solids	33.5	O-04	33.5	J	HT	% BY WT.
1707771	% Solids	1707771-42	W-MM-23_072417_SED_01-03	T	Percent Solids	37.5	O-04	37.5	J	HT	% BY WT.
1707771	% Solids	1707771-CT	W-MM-23_072517_SED_03-05	T	Percent Solids	35.7	O-04	35.7	J	HT	% BY WT.
1707771	% Solids	1707771-CU	W-MM-23_072517_SED_05-10	T	Percent Solids	38.9	O-04	38.9	J	HT	% BY WT.
1707771	% Solids	1707771-43	W-MM-24_072417_SED_00-01	T	Percent Solids	34.7	O-04	34.7	J	HT	% BY WT.
1707771	% Solids	1707771-44	W-MM-24_072417_SED_01-03_R1	T	Percent Solids	40.3	O-04	40.3	J	HT	% BY WT.
1707771	% Solids	1707771-45	W-MM-24_072417_SED_01-03_R2	T	Percent Solids	39.4	O-04	39.4	J	HT	% BY WT.
1707771	% Solids	1707771-46	W-MM-24_072417_SED_01-03_R3	T	Percent Solids	39.8	O-04	39.8	J	HT	% BY WT.
1707771	% Solids	1707771-CV	W-MM-24_072517_SED_03-05	T	Percent Solids	42.9	O-04	42.9	J	HT	% BY WT.
1707771	% Solids	1707771-CW	W-MM-24_072517_SED_05-10	T	Percent Solids	48	O-04	48	J	HT	% BY WT.
1707771	% Solids	1707771-CX	W-MM-TP_072517_SED_00-01_R1	T	Percent Solids	56.9	O-04	56.9	J	HT	% BY WT.
1707771	% Solids	1707771-CY	W-MM-TP_072517_SED_00-01_R2	T	Percent Solids	56	O-04	56	J	HT	% BY WT.
1707771	% Solids	1707771-CZ	W-MM-TP_072517_SED_00-01_R3	T	Percent Solids	52.2	O-04	52.2	J	HT	% BY WT.
1707771	% Solids	1707771-DA	W-MM-TP_072517_SED_01-03	T	Percent Solids	50.7	O-04	50.7	J	HT	% BY WT.
1707771	% Solids	1707771-55	W-MM-TP_072617_SED_03-05	T	Percent Solids	49.2	O-04	49.2	J	HT	% BY WT.
1707771	% Solids	1707771-56	W-MM-TP_072617_SED_05-10	T	Percent Solids	48.3	O-04	48.3	J	HT	% BY WT.
1708151	% Solids	1708151-01	W-100-A_080117_SED_00-01	T	Percent Solids	29.8	O-04	29.8	J	HT	% BY WT.
1708151	% Solids	1708151-02	W-100-A_080117_SED_01-03	T	Percent Solids	34.2	O-04	34.2	J	HT	% BY WT.
1708151	% Solids	1708151-33	W-100-A_080317_SED_03-05	T	Percent Solids	29.1	O-04	29.1	J	HT	% BY WT.
1708151	% Solids	1708151-34	W-100-A_080317_SED_05-10	T	Percent Solids	25	O-04	25	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1708151	% Solids	1708151-03	W-101-INTA_080117_SED_00-01	T	Percent Solids	34.8	O-04	34.8	J	HT	% BY WT.
1708151	% Solids	1708151-04	W-101-INTA_080117_SED_01-03_R1	T	Percent Solids	37.6	O-04	37.6	J	HT	% BY WT.
1708151	% Solids	1708151-05	W-101-INTA_080117_SED_01-03_R2	T	Percent Solids	38.1	O-04	38.1	J	HT	% BY WT.
1708151	% Solids	1708151-06	W-101-INTA_080117_SED_01-03_R3	T	Percent Solids	36.4	O-04	36.4	J	HT	% BY WT.
1708151	% Solids	1708151-35	W-101-INTA_080317_SED_03-05	T	Percent Solids	41	O-04	41	J	HT	% BY WT.
1708151	% Solids	1708151-36	W-101-INTA_080317_SED_05-10	T	Percent Solids	39	O-04	39	J	HT	% BY WT.
1708151	% Solids	1708151-07	W-104-B_080117_SED_00-01	T	Percent Solids	63	O-04	63	J	HT	% BY WT.
1708151	% Solids	1708151-08	W-104-B_080117_SED_01-03	T	Percent Solids	53.7	O-04	53.7	J	HT	% BY WT.
1708151	% Solids	1708151-37	W-104-B_080317_SED_03-05_R1	T	Percent Solids	55.4	O-04	55.4	J	HT	% BY WT.
1708151	% Solids	1708151-38	W-104-B_080317_SED_03-05_R2	T	Percent Solids	53.1	O-04	53.1	J	HT	% BY WT.
1708151	% Solids	1708151-39	W-104-B_080317_SED_03-05_R3	T	Percent Solids	55.1	O-04	55.1	J	HT	% BY WT.
1708151	% Solids	1708151-40	W-104-B_080317_SED_05-10	T	Percent Solids	52.1	O-04	52.1	J	HT	% BY WT.
1708151	% Solids	1708151-09	W-104-INTB_080117_SED_00-01	T	Percent Solids	34.8	O-04	34.8	J	HT	% BY WT.
1708151	% Solids	1708151-10	W-104-INTB_080117_SED_01-03	T	Percent Solids	34.9	O-04	34.9	J	HT	% BY WT.
1708151	% Solids	1708151-41	W-104-INTB_080317_SED_03-05	T	Percent Solids	37.8	O-04	37.8	J	HT	% BY WT.
1708151	% Solids	1708151-42	W-104-INTB_080317_SED_05-10	T	Percent Solids	41.2	O-04	41.2	J	HT	% BY WT.
1708151	% Solids	1708151-11	W-106-A_080117_SED_00-01	T	Percent Solids	29.4	O-04	29.4	J	HT	% BY WT.
1708151	% Solids	1708151-12	W-106-A_080117_SED_01-03	T	Percent Solids	30.4	O-04	30.4	J	HT	% BY WT.
1708151	% Solids	1708151-43	W-106-A_080317_SED_03-05	T	Percent Solids	32.9	O-04	32.9	J	HT	% BY WT.
1708151	% Solids	1708151-44	W-106-A_080317_SED_05-10	T	Percent Solids	31.7	O-04	31.7	J	HT	% BY WT.
1708151	% Solids	1708151-13	W-107-A_080117_SED_00-01	T	Percent Solids	36.6	O-04	36.6	J	HT	% BY WT.
1708151	% Solids	1708151-14	W-107-A_080117_SED_01-03	T	Percent Solids	43.2	O-04	43.2	J	HT	% BY WT.
1708151	% Solids	1708151-45	W-107-A_080317_SED_03-05	T	Percent Solids	36.4	O-04	36.4	J	HT	% BY WT.
1708151	% Solids	1708151-46	W-107-A_080317_SED_05-10	T	Percent Solids	48.4	O-04	48.4	J	HT	% BY WT.
1708151	% Solids	1708151-15	W-109-A_080117_SED_00-01	T	Percent Solids	23.7	O-04	23.7	J	HT	% BY WT.
1708151	% Solids	1708151-16	W-109-A_080117_SED_01-03	T	Percent Solids	29.9	O-04	29.9	J	HT	% BY WT.
1708151	% Solids	1708151-47	W-109-A_080317_SED_03-05	T	Percent Solids	28.6	O-04	28.6	J	HT	% BY WT.
1708151	% Solids	1708151-48	W-109-A_080317_SED_05-10_R1	T	Percent Solids	68.8	[1]	68.8	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1708151	% Solids	1708151-49	W-109-A_080317_SED_05-10_R2	T	Percent Solids	60.1	[2]	60.1	J	HT	% BY WT.
1708151	% Solids	1708151-50	W-109-A_080317_SED_05-10_R3	T	Percent Solids	63.6	[3]	63.6	J	HT	% BY WT.
1708151	% Solids	1708151-17	W-110-A_080117_SED_00-01_R1	T	Percent Solids	23.5	O-04	23.5	J	HT	% BY WT.
1708151	% Solids	1708151-18	W-110-A_080117_SED_00-01_R2	T	Percent Solids	23.9	O-04	23.9	J	HT	% BY WT.
1708151	% Solids	1708151-19	W-110-A_080117_SED_00-01_R3	T	Percent Solids	22.4	O-04	22.4	J	HT	% BY WT.
1708151	% Solids	1708151-20	W-110-A_080117_SED_01-03	T	Percent Solids	24.4	O-04	24.4	J	HT	% BY WT.
1708151	% Solids	1708151-51	W-110-A_080317_SED_03-05	T	Percent Solids	41.4	[4]	41.4	J	HT	% BY WT.
1708151	% Solids	1708151-52	W-110-A_080317_SED_05-10	T	Percent Solids	70.1	O-04	70.1	J	HT	% BY WT.
1708151	% Solids	1708151-21	W-MM-09_080117_SED_00-01	T	Percent Solids	25.7	O-04	25.7	J	HT	% BY WT.
1708151	% Solids	1708151-22	W-MM-09_080117_SED_01-03	T	Percent Solids	23.6	O-04	23.6	J	HT	% BY WT.
1708151	% Solids	1708151-53	W-MM-09_080317_SED_03-05	T	Percent Solids	24.7	O-04	24.7	J	HT	% BY WT.
1708151	% Solids	1708151-54	W-MM-09_080317_SED_05-10	T	Percent Solids	28.1	[5]	28.1	J	HT	% BY WT.
1708151	% Solids	1708151-23	W-MM-10_080117_SED_00-01	T	Percent Solids	14.2	O-04	14.2	J	HT	% BY WT.
1708151	% Solids	1708151-24	W-MM-10_080117_SED_01-03	T	Percent Solids	15.5	O-04	15.5	J	HT	% BY WT.
1708151	% Solids	1708151-55	W-MM-10_080317_SED_03-05	T	Percent Solids	18.9	[6]	18.9	J	HT	% BY WT.
1708151	% Solids	1708151-56	W-MM-10_080317_SED_05-10	T	Percent Solids	23.7	[7]	23.7	J	HT	% BY WT.
1708151	% Solids	1708151-25	W-MM-15_080117_SED_00-01	T	Percent Solids	25	O-04	25	J	HT	% BY WT.
1708151	% Solids	1708151-26	W-MM-15_080117_SED_01-03	T	Percent Solids	26.1	O-04	26.1	J	HT	% BY WT.
1708151	% Solids	1708151-57	W-MM-15_080317_SED_03-05	T	Percent Solids	28.7	[8]	28.7	J	HT	% BY WT.
1708151	% Solids	1708151-58	W-MM-15_080317_SED_05-10	T	Percent Solids	29	[9]	29	J	HT	% BY WT.
1708151	% Solids	1708151-27	W-MM-16_080117_SED_00-01	T	Percent Solids	20	O-04	20	J	HT	% BY WT.
1708151	% Solids	1708151-28	W-MM-16_080117_SED_01-03	T	Percent Solids	26	O-04	26	J	HT	% BY WT.
1708151	% Solids	1708151-59	W-MM-16_080317_SED_03-05	T	Percent Solids	31.4	[10]	31.4	J	HT	% BY WT.
1708151	% Solids	1708151-60	W-MM-16_080317_SED_05-10	T	Percent Solids	36.4	[11]	36.4	J	HT	% BY WT.
1708151	% Solids	1708151-29	W-MM-20_080117_SED_00-01	T	Percent Solids	35.7	O-04	35.7	J	HT	% BY WT.
1708151	% Solids	1708151-30	W-MM-20_080117_SED_01-03	T	Percent Solids	36.2	O-04	36.2	J	HT	% BY WT.
1708151	% Solids	1708151-61	W-MM-20_080317_SED_03-05	T	Percent Solids	37.1	O-04	37.1	J	HT	% BY WT.
1708151	% Solids	1708151-62	W-MM-20_080317_SED_05-10	T	Percent Solids	43.7	[12]	43.7	J	HT	% BY WT.

Created by: BCG 10/24/2017
Checked by: EP 11/02/2017

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1708151	% Solids	1708151-31	W-MM-21_080117_SED_00-01	T	Percent Solids	30	O-04	30	J	HT	% BY WT.
1708151	% Solids	1708151-32	W-MM-21_080117_SED_01-03	T	Percent Solids	30.8	O-04	30.8	J	HT	% BY WT.
1708151	% Solids	1708151-63	W-MM-21_080317_SED_03-05	T	Percent Solids	26.2	[13]	26.2	J	HT	% BY WT.
1708151	% Solids	1708151-64	W-MM-21_080317_SED_05-10	T	Percent Solids	26.7	[14]	26.7	J	HT	% BY WT.
1708524	% Solids	1708524-01	W-101-A_081517_SED_00-01	T	Percent Solids	36.3	O-04	36.3	J	HT	% BY WT.
1708524	% Solids	1708524-02	W-101-A_081517_SED_01-03	T	Percent Solids	36.8	O-04	36.8	J	HT	% BY WT.
1708524	% Solids	1708524-15	W-101-A_081717_SED_03-05	T	Percent Solids	36.4	O-04	36.4	J	HT	% BY WT.
1708524	% Solids	1708524-16	W-101-A_081717_SED_05-10	T	Percent Solids	32.4	O-04	32.4	J	HT	% BY WT.
1708524	% Solids	1708524-03	W-101-B_081517_SED_00-01	T	Percent Solids	28.1	O-04	28.1	J	HT	% BY WT.
1708524	% Solids	1708524-04	W-101-B_081517_SED_01-03_R1	T	Percent Solids	32.6	O-04	32.6	J	HT	% BY WT.
1708524	% Solids	1708524-05	W-101-B_081517_SED_01-03_R2	T	Percent Solids	32.7	O-04	32.7	J	HT	% BY WT.
1708524	% Solids	1708524-06	W-101-B_081517_SED_01-03_R3	T	Percent Solids	33.1	O-04	33.1	J	HT	% BY WT.
1708524	% Solids	1708524-17	W-101-B_081717_SED_03-05	T	Percent Solids	31.3	O-04	31.3	J	HT	% BY WT.
1708524	% Solids	1708524-18	W-101-B_081717_SED_05-10_R1	T	Percent Solids	30.5	O-04	30.5	J	HT	% BY WT.
1708524	% Solids	1708524-19	W-101-B_081717_SED_05-10_R2	T	Percent Solids	30.7	O-04	30.7	J	HT	% BY WT.
1708524	% Solids	1708524-20	W-101-B_081717_SED_05-10_R3	T	Percent Solids	31.5	O-04	31.5	J	HT	% BY WT.
1708524	% Solids	1708524-07	W-102-A_081517_SED_00-01	T	Percent Solids	24.3	O-04	24.3	J	HT	% BY WT.
1708524	% Solids	1708524-08	W-102-A_081517_SED_01-03	T	Percent Solids	28.7	O-04	28.7	J	HT	% BY WT.
1708524	% Solids	1708524-21	W-102-A_081717_SED_03-05	T	Percent Solids	24.3	O-04	24.3	J	HT	% BY WT.
1708524	% Solids	1708524-22	W-102-A_081717_SED_05-10	T	Percent Solids	18.9	O-04	18.9	J	HT	% BY WT.
1708524	% Solids	1708524-09	W-102-B_081517_SED_00-01	T	Percent Solids	19.2	O-04	19.2	J	HT	% BY WT.
1708524	% Solids	1708524-10	W-102-B_081517_SED_01-03	T	Percent Solids	20.1	O-04	20.1	J	HT	% BY WT.
1708524	% Solids	1708524-23	W-102-B_081717_SED_03-05	T	Percent Solids	19.7	O-04	19.7	J	HT	% BY WT.
1708524	% Solids	1708524-24	W-102-B_081717_SED_05-10	T	Percent Solids	20.3	O-04	20.3	J	HT	% BY WT.
1708524	% Solids	1708524-11	W-102-C_081517_SED_00-01	T	Percent Solids	28.5	O-04	28.5	J	HT	% BY WT.
1708524	% Solids	1708524-12	W-102-C_081517_SED_01-03	T	Percent Solids	31.7	O-04	31.7	J	HT	% BY WT.
1708524	% Solids	1708524-25	W-102-C_081717_SED_03-05	T	Percent Solids	27.6	O-04	27.6	J	HT	% BY WT.
1708524	% Solids	1708524-26	W-102-C_081717_SED_05-10	T	Percent Solids	20.2	O-04	20.2	J	HT	% BY WT.

TABLE 2
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

SDG	Analysis Method	Lab Sample ID	Field Sample Id	Fraction	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validated Qualifier	Validation Reason Code	Result Units
1708524	% Solids	1708524-13	W-108-A_081517_SED_00-01	T	Percent Solids	45.5	O-04	45.5	J	HT	% BY WT.
1708524	% Solids	1708524-14	W-108-A_081517_SED_01-03	T	Percent Solids	48	O-04	48	J	HT	% BY WT.
1708524	% Solids	1708524-27	W-108-A_081717_SED_03-05	T	Percent Solids	52.2	O-04	52.2	J	HT	% BY WT.
1708524	% Solids	1708524-28	W-108-A_081717_SED_05-10	T	Percent Solids	54.8	O-04	54.8	J	HT	% BY WT.

Units
NG/G = Nanogram per gram

Validation Qualifier:
J = Value is estimated

Validation Reason Codes:
LD = Lab duplicate limit exceeded
MS-H = MS and/or MSD recovery high
MS-L = MS and/or MSD recovery low
MS-RPD = MS/MSD RPD limit exceeded
LR = Lab replicate limit exceeded
HT = Hold time exceeded

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1725276	W-104-A	7/19/2017	W-104-A_071917_SED_03-05	FS	84.8						0.3705	
L1725276	W-104-A	7/19/2017	W-104-A_071917_SED_05-10	FS	83.4						0.3455	
L1725276	W-MM-03	7/18/2017	W-MM-03_071817_SED_03-05	FS	19.4						49.6	
L1725276	W-MM-03	7/18/2017	W-MM-03_071817_SED_05-10	FS	15.8						50.25	
L1725276	W-MM-04	7/18/2017	W-MM-04_071817_SED_03-05	FS	38.6						22.55	
L1725276	W-MM-04	7/18/2017	W-MM-04_071817_SED_05-10	FS	39.7						21.5	
L1725276	W-MM-05	7/19/2017	W-MM-05_071917_SED_03-05	FS	54.4						10.045	
L1725276	W-MM-05	7/19/2017	W-MM-05_071917_SED_05-10	FS	47.6						14.1	
L1725276	W-MM-08	7/19/2017	W-MM-08_071917_SED_03-05	FS	39.6						22.25	
L1725276	W-MM-08	7/19/2017	W-MM-08_071917_SED_05-10	FS	37.1						26.25	
L1725276	W-MM-11	7/19/2017	W-MM-11_071917_SED_03-05	FS	29.7						27.65	
L1725276	W-MM-11	7/19/2017	W-MM-11_071917_SED_05-10	FS	27.3						32.2	
L1725276	W-MM-12	7/19/2017	W-MM-12_071917_SED_03-05	FS	22.4						46.65	
L1725276	W-MM-12	7/19/2017	W-MM-12_071917_SED_05-10	FS	18.7						52.1	
L1725276	W-MM-13	7/19/2017	W-MM-13_071917_SED_03-05	FS	18.5						61.55	
L1725276	W-MM-13	7/19/2017	W-MM-13_071917_SED_05-10	FS	18.3						54.6	
L1725276	W-MM-14	7/19/2017	W-MM-14_071917_SED_03-05	FS	23.8						41.9	
L1725276	W-MM-14	7/19/2017	W-MM-14_071917_SED_05-10	FS	25						45.1	
L1725963	OR-01-01	7/25/2017	OR-01-01_072517_SED_03-05	FS	45.5						4.575	
L1725963	OR-01-01	7/25/2017	OR-01-01_072517_SED_05-10	FS	49.1						6.43	
L1725963	OR-01-02	7/25/2017	OR-01-02_072517_SED_03-05	FS	38.8						10.8	
L1725963	OR-01-02	7/25/2017	OR-01-02_072517_SED_05-10	FS	40						8.3	
L1725963	OR-01-03	7/25/2017	OR-01-03_072517_SED_03-05	FS	41.9						7	
L1725963	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R1	FS	42.3						6.83	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1725963	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R2	FS	41						7.025	
L1725963	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R3	FS	42.5						7.37	
L1725963	OR-01-04	7/25/2017	OR-01-04_072517_SED_03-05	FS	45.6						5.8	
L1725963	OR-01-04	7/25/2017	OR-01-04_072517_SED_05-10	FS	45.3						7.56	
L1725963	OR-01-05	7/25/2017	OR-01-05_072517_SED_03-05	FS	45.3						6.02	
L1725963	OR-01-05	7/25/2017	OR-01-05_072517_SED_05-10	FS	48.6						6.31	
L1725963	OR-02-01	7/25/2017	OR-02-01_072517_SED_03-05	FS	36.2						8.47	
L1725963	OR-02-01	7/25/2017	OR-02-01_072517_SED_05-10	FS	37.6						12.5	
L1725963	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R1	FS	41						6.99	
L1725963	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R2	FS	38						7.525	
L1725963	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R3	FS	38.9						7.1	
L1725963	OR-02-02	7/25/2017	OR-02-02_072517_SED_05-10	FS	40.9						9.15	
L1725963	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_03-05	FS	24.2						10.55	
L1725963	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R1	FS	31.1						15.95	
L1725963	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R2	FS	26.6						14.25	
L1725963	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R3	FS	26.2						16.05	
L1725963	W-103-A	7/25/2017	W-103-A_072517_SED_03-05	FS	28.5						14.4	
L1725963	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R1	FS	24.8						19.5	
L1725963	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R2	FS	24.6						18.55	
L1725963	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R3	FS	24.7						19.3	
L1725963	W-103-B	7/25/2017	W-103-B_072517_SED_03-05	FS	27.5						13.9	
L1725963	W-103-B	7/25/2017	W-103-B_072517_SED_05-10	FS	32.5						13.7	
L1725963	W-103-INTA	7/26/2017	W-103-Inta_072617_SED_03-05	FS	42.7						7.34	
L1725963	W-103-INTA	7/26/2017	W-103-Inta_072617_SED_05-10	FS	43.5						8.525	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

				Analysis Method			EPA 1631		EPA 1630		LLOYD KAHN	
				Parameter	% Solids		Mercury		Methyl Mercury		TOC	
				Unit	PERCENT		NG/G		NG/G		PERCENT	
				Fraction	Total		Total		Total		Total	
SDG	Location ID	Sample Date	Sample ID	QC Code	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1725963	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R1	FS	38.7						6.985	
L1725963	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R2	FS	36.3						6.785	
L1725963	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R3	FS	37.7						7.84	
L1725963	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_05-10	FS	42.7						5.955	
L1725963	W-105-A	7/25/2017	W-105-A_072517_SED_03-05	FS	35.8						7.64	
L1725963	W-105-A	7/25/2017	W-105-A_072517_SED_05-10	FS	39.2						8.905	
L1725963	W-14-A	7/25/2017	W-14-A_072517_SED_03-05	FS	30.3						14.55	
L1725963	W-14-A	7/25/2017	W-14-A_072517_SED_05-10	FS	29.4						15.9	
L1725963	W-14-B	7/25/2017	W-14-B_072517_SED_03-05	FS	42.4						8.88	
L1725963	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R1	FS	60.8						5.61	
L1725963	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R2	FS	64.4						6.53	
L1725963	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R3	FS	59.3						6.775	
L1725963	W-14-C	7/25/2017	W-14-C_072517_SED_03-05	FS	27.9						15.6	
L1725963	W-14-C	7/25/2017	W-14-C_072517_SED_05-10	FS	26.4						17.55	
L1725963	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R1	FS	64.9						2.175	
L1725963	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R2	FS	64.3						1.52	
L1725963	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R3	FS	63.4						1.875	
L1725963	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_05-10	FS	64.9						1.88	
L1725963	W-27-A	7/26/2017	W-27-A_072617_SED_03-05	FS	31.1						9.78	
L1725963	W-27-A	7/26/2017	W-27-A_072617_SED_05-10	FS	30						11.3	
L1725963	W-27-INTA	7/25/2017	W-27-Inta_072517_SED_03-05	FS	43.4						8.27	
L1725963	W-27-INTA	7/25/2017	W-27-Inta_072517_SED_05-10	FS	42.6						8.145	
L1725963	W-63-INT	7/26/2017	W-63-INT_072617_SED_03-05	FS	34.9						9.41	
L1725963	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R1	FS	36						11.45	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1725963	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R2	FS	35.9						11.6	
L1725963	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R3	FS	35.7						10.9	
L1725963	W-MM-01	7/26/2017	W-MM-01_072617_SED_03-05	FS	22						17.65	
L1725963	W-MM-01	7/26/2017	W-MM-01_072617_SED_05-10	FS	27.8						13.85	
L1725963	W-MM-02	7/26/2017	W-MM-02_072617_SED_03-05	FS	24.1						23.3	
L1725963	W-MM-02	7/26/2017	W-MM-02_072617_SED_05-10	FS	30.6						11.2	
L1725963	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R1	FS	25.8						15.5	
L1725963	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R2	FS	29.8						16.7	
L1725963	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R3	FS	26.8						15.9	
L1725963	W-MM-06	7/25/2017	W-MM-06_072517_SED_05-10	FS	31.5						11.95	
L1725963	W-MM-07	7/26/2017	W-MM-07_072617_SED_03-05	FS	20.6						24.05	
L1725963	W-MM-07	7/26/2017	W-MM-07_072617_SED_05-10	FS	31.7						14.25	
L1725963	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R1	FS	24.6						14.8	
L1725963	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R2	FS	24						16.3	
L1725963	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R3	FS	24.4						17.95	
L1725963	W-MM-17	7/26/2017	W-MM-17_072617_SED_05-10	FS	28						11	
L1725963	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R1	FS	24.5						27	
L1725963	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R2	FS	23.4						21.75	
L1725963	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R3	FS	25.6						18.95	
L1725963	W-MM-18	7/25/2017	W-MM-18_072517_SED_05-10	FS	26.9						19.25	
L1725963	W-MM-19	7/25/2017	W-MM-19_072517_SED_03-05	FS	44.4						9.815	
L1725963	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R1	FS	27.6						23.2	
L1725963	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R2	FS	27.9						21.95	
L1725963	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R3	FS	32.1						21.55	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1725963	W-MM-22	7/25/2017	W-MM-22_072517_SED_03-05	FS	25.5						21.05	
L1725963	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R1	FS	30.9						15.65	
L1725963	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R2	FS	32.9						16.1	
L1725963	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R3	FS	31.4						14.7	
L1725963	W-MM-23	7/25/2017	W-MM-23_072517_SED_03-05	FS	36.8						12	
L1725963	W-MM-23	7/25/2017	W-MM-23_072517_SED_05-10	FS	40.2						10.55	
L1725963	W-MM-24	7/25/2017	W-MM-24_072517_SED_03-05	FS	42.1						9.73	
L1725963	W-MM-24	7/25/2017	W-MM-24_072517_SED_05-10	FS	45.5						8.07	
L1725963	W-MM-TP	7/26/2017	W-MM-TP_072617_SED_03-05	FS	45.9						4.51	
L1725963	W-MM-TP	7/26/2017	W-MM-TP_072617_SED_05-10	FS	49.4						4.82	
L1726234	W-104-A	7/18/2017	W-104-A_071817_SED_00-01	FS	83.8						0.5235	J
L1726234	W-104-A	7/18/2017	W-104-A_071817_SED_01-03	FS	84.6						0.4485	
L1726234	W-MM-03	7/17/2017	W-MM-03_071717_SED_00-01	FS	14.9						30.6	
L1726234	W-MM-03	7/17/2017	W-MM-03_071717_SED_01-03	FS	16.2						24.6	
L1726234	W-MM-04	7/17/2017	W-MM-04_071717_SED_00-01	FS	36.1						9.385	
L1726234	W-MM-04	7/17/2017	W-MM-04_071717_SED_01-03	FS	37.5						8.56	
L1726234	W-MM-05	7/18/2017	W-MM-05_071817_SED_00-01	FS	41.8						8.04	
L1726234	W-MM-05	7/18/2017	W-MM-05_071817_SED_01-03	FS	44.7						7.355	
L1726234	W-MM-08	7/18/2017	W-MM-08_071817_SED_00-01	FS	38						10.5	
L1726234	W-MM-08	7/18/2017	W-MM-08_071817_SED_01-03	FS	40.2						9.02	
L1726234	W-MM-11	7/18/2017	W-MM-11_071817_SED_00-01	FS	34.6						13	
L1726234	W-MM-11	7/18/2017	W-MM-11_071817_SED_01-03	FS	31.1						14.15	
L1726234	W-MM-12	7/18/2017	W-MM-12_071817_SED_00-01	FS	31.7						13.2	
L1726234	W-MM-12	7/18/2017	W-MM-12_071817_SED_01-03	FS	29						16.15	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

				Analysis Method			EPA 1631		EPA 1630		LLOYD KAHN	
				Parameter	% Solids		Mercury		Methyl Mercury		TOC	
				Unit	PERCENT		NG/G		NG/G		PERCENT	
				Fraction	Total		Total		Total		Total	
SDG	Location ID	Sample Date	Sample ID	QC Code	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1726234	W-MM-13	7/18/2017	W-MM-13_071817_SED_00-01	FS	18.4						23.95	
L1726234	W-MM-13	7/18/2017	W-MM-13_071817_SED_01-03	FS	18.1						26.1	
L1726234	W-MM-14	7/18/2017	W-MM-14_071817_SED_00-01	FS	23.8						21.8	
L1726234	W-MM-14	7/18/2017	W-MM-14_071817_SED_01-03	FS	21.7						19.05	
L1726792	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R1	FS	37.7						5.57	J
L1726792	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R2	FS	29.6						8.445	J
L1726792	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R3	FS	31						5.695	J
L1726792	OR-01-01	7/24/2017	OR-01-01_072417_SED_01-03	FS	42.7						6.715	J
L1726792	OR-01-02	7/24/2017	OR-01-02_072417_SED_00-01	FS	33.2						7.175	
L1726792	OR-01-02	7/24/2017	OR-01-02_072417_SED_01-03	FS	33.1						6.985	
L1726792	OR-01-03	7/24/2017	OR-01-03_072417_SED_00-01	FS	34.2						7.255	
L1726792	OR-01-03	7/24/2017	OR-01-03_072417_SED_01-03	FS	32.1						7.58	
L1726792	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R1	FS	25.3						5.67	
L1726792	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R2	FS	23.8						6.465	
L1726792	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R3	FS	23.1						8.15	
L1726792	OR-01-04	7/25/2017	OR-01-04_072517_SED_01-03	FS	40						6.705	
L1726792	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R1	FS	31.4						7.895	J
L1726792	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R2	FS	35.3						5.855	J
L1726792	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R3	FS	36.9						6.01	J
L1726792	OR-01-05	7/24/2017	OR-01-05_072417_SED_01-03	FS	41.8						6.64	
L1726792	OR-02-01	7/24/2017	OR-02-01_072417_SED_00-01	FS	30						7.74	
L1726792	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R1	FS	30.9						7.385	
L1726792	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R2	FS	28.8						7.165	
L1726792	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R3	FS	32.8						6.875	

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1726792	OR-02-02	7/24/2017	OR-02-02_072417_SED_00-01	FS	35.1						6.73	
L1726792	OR-02-02	7/24/2017	OR-02-02_072417_SED_01-03	FS	32.6						8.015	
L1726792	W-102-INTA	7/25/2017	W-102-Inta_072517_SED_00-01	FS	28.3						10.95	
L1726792	W-102-INTA	7/25/2017	W-102-Inta_072517_SED_01-03	FS	30.6						10.035	
L1726792	W-103-A	7/24/2017	W-103-A_072417_SED_00-01	FS	17						15.2	
L1726792	W-103-A	7/24/2017	W-103-A_072417_SED_01-03	FS	23.1						14.95	
L1726792	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R1	FS	21.6						19.2	
L1726792	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R2	FS	23.2						18.9	
L1726792	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R3	FS	21.9						20.55	
L1726792	W-103-B	7/24/2017	W-103-B_072417_SED_01-03	FS	26.1						18.4	
L1726792	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_00-01	FS	41						4.59	
L1726792	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R1	FS	41.8						6.375	
L1726792	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R2	FS	41.8						7.035	
L1726792	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R3	FS	41.6						7.275	
L1726792	W-104-INTA	7/25/2017	W-104-Inta_072517_SED_00-01	FS	32						6.78	
L1726792	W-104-INTA	7/25/2017	W-104-Inta_072517_SED_01-03	FS	35.8						6.425	
L1726792	W-105-A	7/24/2017	W-105-A_072417_SED_00-01	FS	23.4						9.735	
L1726792	W-105-A	7/24/2017	W-105-A_072417_SED_01-03	FS	27						8.595	
L1726792	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R1	FS	27.6						14.35	
L1726792	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R2	FS	27.3						13.9	
L1726792	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R3	FS	27.9						14.3	
L1726792	W-14-A	7/25/2017	W-14-A_072517_SED_01-03	FS	29.6						12.45	
L1726792	W-14-B	7/25/2017	W-14-B_072517_SED_00-01	FS	42.8						9.285	
L1726792	W-14-B	7/25/2017	W-14-B_072517_SED_01-03	FS	44.4						8.39	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1726792	W-14-C	7/24/2017	W-14-C_072417_SED_00-01	FS	26.7						13.85	
L1726792	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R1	FS	26.9						15.15	J
L1726792	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R2	FS	26.6						14.25	J
L1726792	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R3	FS	28.4						29.3	J
L1726792	W-14-INTA	7/25/2017	W-14-Inta_072517_SED_00-01	FS	57.6						3.71	
L1726792	W-14-INTA	7/25/2017	W-14-Inta_072517_SED_01-03	FS	61.6						2.77	
L1726792	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R1	FS	27.1						9.155	
L1726792	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R2	FS	26.7						9.335	
L1726792	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R3	FS	26.2						9.51	
L1726792	W-27-A	7/25/2017	W-27-A_072517_SED_01-03	FS	24.1						12.35	
L1726792	W-27-INTA	7/24/2017	W-27-Inta_072417_SED_00-01	FS	32.4						13.75	J
L1726792	W-27-INTA	7/24/2017	W-27-Inta_072417_SED_01-03	FS	31.1						18.55	
L1726792	W-63-INT	7/25/2017	W-63-INT_072517_SED_00-01_R1	FS	28.9						8.565	
L1726792	W-63-INT	7/25/2017	W-63-INT_072517_SED_00-01_R2	FS	26.8						8.75	
L1726792	W-63-INT	7/25/2017	W-63-INT_072517_SED_00-01_R3	FS	26.1						8.845	
L1726792	W-63-INT	7/25/2017	W-63-INT_072517_SED_01-03	FS	35.1						8.24	
L1726792	W-MM-01	7/25/2017	W-MM-01_072517_SED_00-01	FS	24.8						16.5	
L1726792	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R1	FS	27.9						17.7	
L1726792	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R2	FS	28						15	
L1726792	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R3	FS	27.1						15.25	
L1726792	W-MM-02	7/25/2017	W-MM-02_072517_SED_00-01	FS	24.5						17.75	
L1726792	W-MM-02	7/25/2017	W-MM-02_072517_SED_01-03	FS	24.3						18.35	
L1726792	W-MM-06	7/24/2017	W-MM-06_072417_SED_00-01	FS	22.5						39.6	
L1726792	W-MM-06	7/24/2017	W-MM-06_072417_SED_01-03	FS	25.7						38.95	

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1726792	W-MM-07	7/25/2017	W-MM-07_072517_SED_00-01	FS	22.9						19.6	
L1726792	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R1	FS	23.8						20.1	
L1726792	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R2	FS	23.8						16.45	
L1726792	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R3	FS	23.6						14.95	
L1726792	W-MM-17	7/25/2017	W-MM-17_072517_SED_00-01	FS	18.4						25.4	
L1726792	W-MM-17	7/25/2017	W-MM-17_072517_SED_01-03	FS	20.1						21.35	
L1726792	W-MM-18	7/25/2017	W-MM-18_072517_SED_00-01	FS	22						22.7	
L1726792	W-MM-18	7/25/2017	W-MM-18_072517_SED_01-03	FS	24.2						19.45	
L1726792	W-MM-19	7/24/2017	W-MM-19_072417_SED_00-01	FS	29.8						22.3	
L1726792	W-MM-19	7/24/2017	W-MM-19_072417_SED_01-03	FS	40.2						12	
L1726792	W-MM-22	7/24/2017	W-MM-22_072417_SED_00-01	FS	23.1						24.55	
L1726792	W-MM-22	7/24/2017	W-MM-22_072417_SED_01-03	FS	27.6						18.6	
L1726792	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R1	FS	34						10.65	
L1726792	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R2	FS	33.1						10.115	
L1726792	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R3	FS	32.4						11.75	
L1726792	W-MM-23	7/24/2017	W-MM-23_072417_SED_01-03	FS	35.5						12.95	
L1726792	W-MM-24	7/24/2017	W-MM-24_072417_SED_00-01	FS	33.2						12.2	
L1726792	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R1	FS	39.1						11.05	
L1726792	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R2	FS	39.8						10.85	
L1726792	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R3	FS	39.7						10.4	
L1726792	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R1	FS	45.9						5.37	J
L1726792	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R2	FS	47.9						4.32	J
L1726792	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R3	FS	50.4						8.965	J
L1726792	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_01-03	FS	41.9						4.63	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1727213	W-100-A	8/3/2017	W-100-A_080317_SED_03-05	FS	28.2						11.5	
L1727213	W-100-A	8/3/2017	W-100-A_080317_SED_05-10	FS	25.5						13.35	
L1727213	W-101-INTA	8/3/2017	W-101-INTA_080317_SED_03-05	FS	41						6.765	
L1727213	W-101-INTA	8/3/2017	W-101-INTA_080317_SED_05-10	FS	37.5						10.075	
L1727213	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R1	FS	51.9						4.185	
L1727213	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R2	FS	53.6						4.38	
L1727213	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R3	FS	54.8						4.36	
L1727213	W-104-B	8/3/2017	W-104-B_080317_SED_05-10	FS	51.3						5.135	
L1727213	W-104-INTB	8/3/2017	W-104-INTB_080317_SED_03-05	FS	37.2						7.115	
L1727213	W-104-INTB	8/3/2017	W-104-INTB_080317_SED_05-10	FS	41.9						6.825	J
L1727213	W-106-A	8/3/2017	W-106-A_080317_SED_03-05	FS	33.3						10.02	
L1727213	W-106-A	8/3/2017	W-106-A_080317_SED_05-10	FS	31.5						11.55	
L1727213	W-107-A	8/3/2017	W-107-A_080317_SED_03-05	FS	35.6						8.585	
L1727213	W-107-A	8/3/2017	W-107-A_080317_SED_05-10	FS	44.8						6.1	
L1727213	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R1	FS	58.1						3.58	
L1727213	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R2	FS	57.4						4.3	
L1727213	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R3	FS	59.2						3.81	
L1727213	W-109-A	8/3/2017	W-109-A_080317_SED_03-05	FS	28.3						22.5	
L1727213	W-110-A	8/3/2017	W-110-A_080317_SED_03-05	FS	42.8						6.745	
L1727213	W-110-A	8/3/2017	W-110-A_080317_SED_05-10	FS	70.6						2.13	
L1727213	W-MM-09	8/3/2017	W-MM-09_080317_SED_03-05	FS	23.3						19.6	
L1727213	W-MM-09	8/3/2017	W-MM-09_080317_SED_05-10	FS	25.9						18	
L1727213	W-MM-10	8/3/2017	W-MM-10_080317_SED_03-05	FS	20.8						21.8	
L1727213	W-MM-10	8/3/2017	W-MM-10_080317_SED_05-10	FS	22.5						18.5	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1727213	W-MM-15	8/3/2017	W-MM-15_080317_SED_03-05	FS	27.6						14.9	
L1727213	W-MM-15	8/3/2017	W-MM-15_080317_SED_05-10	FS	30						10.65	
L1727213	W-MM-16	8/3/2017	W-MM-16_080317_SED_03-05	FS	31.3						15.85	
L1727213	W-MM-16	8/3/2017	W-MM-16_080317_SED_05-10	FS	35.2						13.65	
L1727213	W-MM-20	8/3/2017	W-MM-20_080317_SED_03-05	FS	35.3						12.45	
L1727213	W-MM-20	8/3/2017	W-MM-20_080317_SED_05-10	FS	43.6						10.4	
L1727213	W-MM-21	8/3/2017	W-MM-21_080317_SED_03-05	FS	26.1						19.35	
L1727213	W-MM-21	8/3/2017	W-MM-21_080317_SED_05-10	FS	28.7						16.2	
L1727676	W-100-A	8/1/2017	W-100-A_080117_SED_00-01	FS	28.4						12.35	
L1727676	W-100-A	8/1/2017	W-100-A_080117_SED_01-03	FS	33.9						10.85	
L1727676	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_00-01	FS	29.5						6	
L1727676	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R1	FS	41.4						5.61	
L1727676	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R2	FS	41.4						5.215	
L1727676	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R3	FS	41.4						5.06	
L1727676	W-104-B	8/1/2017	W-104-B_080117_SED_00-01	FS	54.3						2.35	
L1727676	W-104-B	8/1/2017	W-104-B_080117_SED_01-03	FS	59.8						2.52	
L1727676	W-104-INTB	8/1/2017	W-104-INTB_080117_SED_00-01	FS	25.4						6.41	
L1727676	W-104-INTB	8/1/2017	W-104-INTB_080117_SED_01-03	FS	33.4						6.825	
L1727676	W-106-A	8/1/2017	W-106-A_080117_SED_00-01	FS	28.2						9.695	
L1727676	W-106-A	8/1/2017	W-106-A_080117_SED_01-03	FS	29.1						11.75	
L1727676	W-107-A	8/1/2017	W-107-A_080117_SED_00-01	FS	41						6.475	
L1727676	W-107-A	8/1/2017	W-107-A_080117_SED_01-03	FS	44.2						8.505	
L1727676	W-109-A	8/1/2017	W-109-A_080117_SED_00-01	FS	24.1						30.05	
L1727676	W-109-A	8/1/2017	W-109-A_080117_SED_01-03	FS	30						17.2	

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
L1727676	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R1	FS	24.4						17.6	
L1727676	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R2	FS	24.4						16.8	
L1727676	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R3	FS	24.4						18.6	
L1727676	W-110-A	8/1/2017	W-110-A_080117_SED_01-03	FS	26						17.15	
L1727676	W-MM-09	8/1/2017	W-MM-09_080117_SED_00-01	FS	25.4						16.55	
L1727676	W-MM-09	8/1/2017	W-MM-09_080117_SED_01-03	FS	23.7						19.55	
L1727676	W-MM-10	8/1/2017	W-MM-10_080117_SED_00-01	FS	14.4						24.95	
L1727676	W-MM-10	8/1/2017	W-MM-10_080117_SED_01-03	FS	15.8						23.9	
L1727676	W-MM-15	8/1/2017	W-MM-15_080117_SED_00-01	FS	25.1						16.55	
L1727676	W-MM-15	8/1/2017	W-MM-15_080117_SED_01-03	FS	25.4						16.1	
L1727676	W-MM-16	8/1/2017	W-MM-16_080117_SED_00-01	FS	20						24.1	
L1727676	W-MM-16	8/1/2017	W-MM-16_080117_SED_01-03	FS	35						12.95	
L1727676	W-MM-20	8/1/2017	W-MM-20_080117_SED_00-01	FS	34.3						9.735	
L1727676	W-MM-20	8/1/2017	W-MM-20_080117_SED_01-03	FS	38.7						7.98	
L1727676	W-MM-21	8/1/2017	W-MM-21_080117_SED_00-01	FS	33.5						11.75	
L1727676	W-MM-21	8/1/2017	W-MM-21_080117_SED_01-03	FS	30.4						12.95	
L1729216	W-101-A	8/17/2017	W-101-A_081717_SED_03-05	FS	34.8						14	
L1729216	W-101-A	8/17/2017	W-101-A_081717_SED_05-10	FS	33						14.5	
L1729216	W-101-B	8/17/2017	W-101-B_081717_SED_03-05	FS	31.3						15.2	
L1729216	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R1	FS	28.3						15.35	
L1729216	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R2	FS	31.5						15.2	
L1729216	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R3	FS	30.6						16.1	
L1729216	W-102-A	8/17/2017	W-102-A_081717_SED_03-05	FS	23.7						22.95	
L1729216	W-102-A	8/17/2017	W-102-A_081717_SED_05-10	FS	17						31.05	

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

				Analysis Method		EPA 1631		EPA 1630		LLOYD KAHN	
				Parameter	% Solids	Mercury		Methyl Mercury		TOC	
				Unit	PERCENT	NG/G		NG/G		PERCENT	
				Fraction	Total	Total		Total		Total	
					Final	Final	Final	Final	Final	Final	Final
SDG	Location ID	Sample Date	Sample ID	QC Code	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
L1729216	W-102-B	8/17/2017	W-102-B_081717_SED_03-05	FS	18.4						28.25	
L1729216	W-102-B	8/17/2017	W-102-B_081717_SED_05-10	FS	19.7						30.25	
L1729216	W-102-C	8/17/2017	W-102-C_081717_SED_03-05	FS	27.6						20.25	
L1729216	W-102-C	8/17/2017	W-102-C_081717_SED_05-10	FS	17.9						33.45	
L1729216	W-108-A	8/17/2017	W-108-A_081717_SED_03-05	FS	55.2						4.255	
L1729216	W-108-A	8/17/2017	W-108-A_081717_SED_05-10	FS	50.1						4.795	
L1729601	W-101-A	8/15/2017	W-101-A_081517_SED_00-01	FS	37						8.33	
L1729601	W-101-A	8/15/2017	W-101-A_081517_SED_01-03	FS	36.8						9.365	
L1729601	W-101-B	8/15/2017	W-101-B_081517_SED_00-01	FS	25.1						9.815	
L1729601	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R1	FS	27.7						11.5	
L1729601	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R2	FS	28.8						11.7	
L1729601	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R3	FS	29.7						12	
L1729601	W-102-A	8/15/2017	W-102-A_081517_SED_00-01	FS	25.4						15.35	
L1729601	W-102-A	8/15/2017	W-102-A_081517_SED_01-03	FS	27.2						17.9	
L1729601	W-102-B	8/15/2017	W-102-B_081517_SED_00-01	FS	17.6						26.15	
L1729601	W-102-B	8/15/2017	W-102-B_081517_SED_01-03	FS	20.9						22	
L1729601	W-102-C	8/15/2017	W-102-C_081517_SED_00-01	FS	31.1						14.85	
L1729601	W-102-C	8/15/2017	W-102-C_081517_SED_01-03	FS	27.1						13.9	
L1729601	W-108-A	8/15/2017	W-108-A_081517_SED_00-01	FS	41.2						8.22	
L1729601	W-108-A	8/15/2017	W-108-A_081517_SED_01-03	FS	39.1						6.83	
1707620	W-104-A	7/18/2017	W-104-A_071817_SED_00-01	FS	85.5	J	13.8		2.1	U		
1707620	W-104-A	7/18/2017	W-104-A_071817_SED_01-03	FS	84.1	J	11.4		2.2	U		
1707620	W-104-A	7/19/2017	W-104-A_071917_SED_03-05	FS	83	J	10.5					
1707620	W-104-A	7/19/2017	W-104-A_071917_SED_05-10	FS	83.8	J	7.46					

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707620	W-MM-03	7/17/2017	W-MM-03_071717_SED_00-01	FS	15.4	J	56.9		3.8	J		
1707620	W-MM-03	7/17/2017	W-MM-03_071717_SED_01-03	FS	17.3	J	201		3.7	J		
1707620	W-MM-03	7/18/2017	W-MM-03_071817_SED_03-05	FS	20.1	J	52.6					
1707620	W-MM-03	7/18/2017	W-MM-03_071817_SED_05-10	FS	19.1	J	21.5					
1707620	W-MM-04	7/17/2017	W-MM-04_071717_SED_00-01	FS	38.5	J	540		10.9			
1707620	W-MM-04	7/17/2017	W-MM-04_071717_SED_01-03	FS	40.5	J	93.4		4.7			
1707620	W-MM-04	7/18/2017	W-MM-04_071817_SED_03-05	FS	39.4	J	933					
1707620	W-MM-04	7/18/2017	W-MM-04_071817_SED_05-10	FS	39.2	J	1780					
1707620	W-MM-05	7/18/2017	W-MM-05_071817_SED_00-01	FS	41.3	J	654		9			
1707620	W-MM-05	7/18/2017	W-MM-05_071817_SED_01-03	FS	46.2	J	689		17.9			
1707620	W-MM-05	7/19/2017	W-MM-05_071917_SED_03-05	FS	55.1	J	712					
1707620	W-MM-05	7/19/2017	W-MM-05_071917_SED_05-10	FS	47.5	J	1480					
1707620	W-MM-08	7/18/2017	W-MM-08_071817_SED_00-01	FS	39.3	J	641		20.4			
1707620	W-MM-08	7/18/2017	W-MM-08_071817_SED_01-03	FS	41.2	J	964		15.9			
1707620	W-MM-08	7/19/2017	W-MM-08_071917_SED_03-05	FS	40.4	J	697					
1707620	W-MM-08	7/19/2017	W-MM-08_071917_SED_05-10	FS	36.5	J	1420					
1707620	W-MM-11	7/18/2017	W-MM-11_071817_SED_00-01	FS	33.2	J	658		11.2			
1707620	W-MM-11	7/18/2017	W-MM-11_071817_SED_01-03	FS	31.8	J	699		18.2			
1707620	W-MM-11	7/19/2017	W-MM-11_071917_SED_03-05	FS	31.9	J	1640					
1707620	W-MM-11	7/19/2017	W-MM-11_071917_SED_05-10	FS	27	J	1180					
1707620	W-MM-12	7/18/2017	W-MM-12_071817_SED_00-01	FS	34	J	448		10.2			
1707620	W-MM-12	7/18/2017	W-MM-12_071817_SED_01-03	FS	29.2	J	538		6.5			
1707620	W-MM-12	7/19/2017	W-MM-12_071917_SED_03-05	FS	22.2	J	282					
1707620	W-MM-12	7/19/2017	W-MM-12_071917_SED_05-10	FS	18.7	J	27.4					

Prepared by: BCG 11/01/2017
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TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707620	W-MM-13	7/18/2017	W-MM-13_071817_SED_00-01	FS	18.4	J	229		10.5			
1707620	W-MM-13	7/18/2017	W-MM-13_071817_SED_01-03	FS	18.9	J	371		11.1			
1707620	W-MM-13	7/19/2017	W-MM-13_071917_SED_03-05	FS	17.8	J	281					
1707620	W-MM-13	7/19/2017	W-MM-13_071917_SED_05-10	FS	20.7	J	29.3					
1707620	W-MM-14	7/18/2017	W-MM-14_071817_SED_00-01	FS	24	J	446		19.7			
1707620	W-MM-14	7/18/2017	W-MM-14_071817_SED_01-03	FS	23.2	J	1160		18.6			
1707620	W-MM-14	7/19/2017	W-MM-14_071917_SED_03-05	FS	24.4	J	205					
1707620	W-MM-14	7/19/2017	W-MM-14_071917_SED_05-10	FS	24.6	J	23.7					
1707704	QC	7/25/2017	EQ_072517_CSHOE_QC	EB			0.15 ng/L	J	0.05 ng/L	U		
1707704	QC	7/25/2017	EQ_072517_CORE_QC	EB			0.5 ng/L	U	0.05 ng/L	U		
1707771	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R1	FS	30.4	J	1130		7.1			
1707771	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R2	FS	30.4	J	813		6.5			
1707771	OR-01-01	7/24/2017	OR-01-01_072417_SED_00-01_R3	FS	30.4	J	815		8.1			
1707771	OR-01-01	7/24/2017	OR-01-01_072417_SED_01-03	FS	40.2	J	1100		9			
1707771	OR-01-01	7/25/2017	OR-01-01_072517_SED_03-05	FS	45	J	863					
1707771	OR-01-01	7/25/2017	OR-01-01_072517_SED_05-10	FS	49.4	J	260					
1707771	OR-01-02	7/24/2017	OR-01-02_072417_SED_00-01	FS	29	J	882		9.2			
1707771	OR-01-02	7/24/2017	OR-01-02_072417_SED_01-03	FS	34.5	J	937		15.6			
1707771	OR-01-02	7/25/2017	OR-01-02_072517_SED_03-05	FS	36.5	J	856					
1707771	OR-01-02	7/25/2017	OR-01-02_072517_SED_05-10	FS	38	J	1180					
1707771	OR-01-03	7/24/2017	OR-01-03_072417_SED_00-01	FS	32.1	J	858		20.4			
1707771	OR-01-03	7/24/2017	OR-01-03_072417_SED_01-03	FS	35.3	J	689		17.7			
1707771	OR-01-03	7/25/2017	OR-01-03_072517_SED_03-05	FS	41.2	J	898					
1707771	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R1	FS	41.9	J	1320					

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R2	FS	41.7	J	1200					
1707771	OR-01-03	7/25/2017	OR-01-03_072517_SED_05-10_R3	FS	41.3	J	1140					
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R1	FS	37.1	J	696	J	9			
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R2	FS	34.8	J	1330	J	10.2			
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_00-01_R3	FS	35.5	J	869	J	9.9			
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_01-03	FS	40.3	J	935		10.3			
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_03-05	FS	45.4	J	870					
1707771	OR-01-04	7/25/2017	OR-01-04_072517_SED_05-10	FS	42.8	J	2020					
1707771	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R1	FS	41.8	J	687		10.8			
1707771	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R2	FS	41.8	J	817		8.5			
1707771	OR-01-05	7/24/2017	OR-01-05_072417_SED_00-01_R3	FS	41.8	J	700		11.6			
1707771	OR-01-05	7/24/2017	OR-01-05_072417_SED_01-03	FS	48.2	J	715		13.1			
1707771	OR-01-05	7/25/2017	OR-01-05_072517_SED_03-05	FS	42.8	J	961					
1707771	OR-01-05	7/25/2017	OR-01-05_072517_SED_05-10	FS	48.3	J	1120					
1707771	OR-02-01	7/24/2017	OR-02-01_072417_SED_00-01	FS	22.3	J	1080		9.3			
1707771	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R1	FS	34.1	J	850		11.4			
1707771	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R2	FS	33.7	J	772		12.4			
1707771	OR-02-01	7/24/2017	OR-02-01_072417_SED_01-03_R3	FS	33.7	J	829		13.6			
1707771	OR-02-01	7/25/2017	OR-02-01_072517_SED_03-05	FS	37.1	J	1210					
1707771	OR-02-01	7/25/2017	OR-02-01_072517_SED_05-10	FS	34.5	J	3210					
1707771	OR-02-02	7/24/2017	OR-02-02_072417_SED_00-01	FS	33	J	901		15.7			
1707771	OR-02-02	7/24/2017	OR-02-02_072417_SED_01-03	FS	41.5	J	903		11.6			
1707771	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R1	FS	39.5	J	990					
1707771	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R2	FS	39	J	1020					

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	OR-02-02	7/25/2017	OR-02-02_072517_SED_03-05_R3	FS	39.2	J	1090					
1707771	OR-02-02	7/25/2017	OR-02-02_072517_SED_05-10	FS	39.6	J	1500					
1707771	W-102-INTA	7/25/2017	W-102-Inta_072517_SED_00-01	FS	34.4	J	1350		15.1			
1707771	W-102-INTA	7/25/2017	W-102-Inta_072517_SED_01-03	FS	29.8	J	1140		11.6			
1707771	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_03-05	FS	30.4	J	1310					
1707771	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R1	FS	30	J	1160					
1707771	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R2	FS	29.2	J	1080					
1707771	W-102-INTA	7/26/2017	W-102-Inta_072617_SED_05-10_R3	FS	29.7	J	1100					
1707771	W-103-A	7/24/2017	W-103-A_072417_SED_00-01	FS	22.5	J	171		17.1			
1707771	W-103-A	7/24/2017	W-103-A_072417_SED_01-03	FS	24.2	J	742		35.7			
1707771	W-103-A	7/25/2017	W-103-A_072517_SED_03-05	FS	27.1	J	1100					
1707771	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R1	FS	22.5	J	649	J				
1707771	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R2	FS	23.8	J	457	J				
1707771	W-103-A	7/25/2017	W-103-A_072517_SED_05-10_R3	FS	23.8	J	909	J				
1707771	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R1	FS	22.9	J	574		40.1			
1707771	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R2	FS	23.7	J	484		38.1			
1707771	W-103-B	7/24/2017	W-103-B_072417_SED_00-01_R3	FS	24.2	J	415		34.4			
1707771	W-103-B	7/24/2017	W-103-B_072417_SED_01-03	FS	27	J	1150		28.9			
1707771	W-103-B	7/25/2017	W-103-B_072517_SED_03-05	FS	28.5	J	936					
1707771	W-103-B	7/25/2017	W-103-B_072517_SED_05-10	FS	33	J	106					
1707771	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_00-01	FS	39.4	J	643		9.9			
1707771	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R1	FS	47.9	J	817		10.2			
1707771	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R2	FS	48	J	698		10.3			
1707771	W-103-INTA	7/25/2017	W-103-Inta_072517_SED_01-03_R3	FS	47.6	J	644		12.3			

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	W-103-INTA	7/26/2017	W-103-Inta_072617_SED_03-05	FS	42.7	J	1100					
1707771	W-103-INTA	7/26/2017	W-103-Inta_072617_SED_05-10	FS	42.5	J	841					
1707771	W-104-INTA	7/25/2017	W-104-Inta_072517_SED_00-01	FS	23.9	J	1090		15.7			
1707771	W-104-INTA	7/25/2017	W-104-Inta_072517_SED_01-03	FS	33.9	J	733		7.4			
1707771	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R1	FS	37.7	J	729					
1707771	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R2	FS	38.2	J	727					
1707771	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_03-05_R3	FS	37.9	J	688					
1707771	W-104-INTA	7/26/2017	W-104-Inta_072617_SED_05-10	FS	43.4	J	826					
1707771	W-105-A	7/24/2017	W-105-A_072417_SED_00-01	FS	23.3	J	713		10.6			
1707771	W-105-A	7/24/2017	W-105-A_072417_SED_01-03	FS	31.8	J	719		5.3			
1707771	W-105-A	7/25/2017	W-105-A_072517_SED_03-05	FS	32.3	J	894					
1707771	W-105-A	7/25/2017	W-105-A_072517_SED_05-10	FS	34.4	J	1540					
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R1	FS	28.8	J	447		27.9			
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R2	FS	29	J	462		30.1			
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_00-01_R3	FS	28.7	J	459		34.8			
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_01-03	FS	27.1	J	673		7.9			
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_03-05	FS	30.4	J	1000					
1707771	W-14-A	7/25/2017	W-14-A_072517_SED_05-10	FS	28.2	J	2810					
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_00-01	FS	41.8	J	787		5.6			
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_01-03	FS	43.9	J	823		2.2	J		
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_03-05	FS	43.5	J	1070					
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R1	FS	55.1	J	758					
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R2	FS	61.7	J	934					
1707771	W-14-B	7/25/2017	W-14-B_072517_SED_05-10_R3	FS	59.6	J	1210					

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	W-14-C	7/24/2017	W-14-C_072417_SED_00-01	FS	26.3	J	515		26.8			
1707771	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R1	FS	28	J	757		16.1			
1707771	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R2	FS	27.9	J	667		19.4			
1707771	W-14-C	7/24/2017	W-14-C_072417_SED_01-03_R3	FS	28.4	J	664		24.5			
1707771	W-14-C	7/25/2017	W-14-C_072517_SED_03-05	FS	26.2	J	989					
1707771	W-14-C	7/25/2017	W-14-C_072517_SED_05-10	FS	25.3	J	2130					
1707771	W-14-INTA	7/25/2017	W-14-Inta_072517_SED_00-01	FS	51.7	J	357		9			
1707771	W-14-INTA	7/25/2017	W-14-Inta_072517_SED_01-03	FS	61	J	64		1.1	J		
1707771	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R1	FS	64.1	J	43.6					
1707771	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R2	FS	63.3	J	29.1					
1707771	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_03-05_R3	FS	64.1	J	26.9					
1707771	W-14-INTA	7/26/2017	W-14-Inta_072617_SED_05-10	FS	66.5	J	23					
1707771	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R1	FS	29.1	J	433		14.1			
1707771	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R2	FS	28.3	J	448		17.4			
1707771	W-27-A	7/25/2017	W-27-A_072517_SED_00-01_R3	FS	26.9	J	488		14.3			
1707771	W-27-A	7/25/2017	W-27-A_072517_SED_01-03	FS	25.2	J	651		10.3			
1707771	W-27-A	7/26/2017	W-27-A_072617_SED_03-05	FS	28.8	J	1520					
1707771	W-27-A	7/26/2017	W-27-A_072617_SED_05-10	FS	29.9	J	2110					
1707771	W-27-INTA	7/24/2017	W-27-Inta_072417_SED_00-01	FS	34.1	J	905		7.6			
1707771	W-27-INTA	7/24/2017	W-27-Inta_072417_SED_01-03	FS	35.9	J	931		8.9			
1707771	W-27-INTA	7/25/2017	W-27-Inta_072517_SED_03-05	FS	41.4	J	1340					
1707771	W-27-INTA	7/25/2017	W-27-Inta_072517_SED_05-10	FS	41.9	J	1470					
1707771	W-63-INT	7/25/2017	W-63-INT_072517_SED_00-01	FS	22.1	J	1280		22.4			
1707771	W-63-INT	7/25/2017	W-63-INT_072517_SED_01-03	FS	32.4	J	1080		15.1			

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	W-63-INT	7/26/2017	W-63-INT_072617_SED_03-05	FS	41.9	J	962					
1707771	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R1	FS	36.6	J	2200					
1707771	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R2	FS	36.4	J	2080					
1707771	W-63-INT	7/26/2017	W-63-INT_072617_SED_05-10_R3	FS	36.2	J	2290					
1707771	W-MM-01	7/25/2017	W-MM-01_072517_SED_00-01	FS	26.5	J	456		51.8			
1707771	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R1	FS	26.3	J	735		20.7			
1707771	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R2	FS	27.5	J	847		18.1			
1707771	W-MM-01	7/25/2017	W-MM-01_072517_SED_01-03_R3	FS	25.3	J	1020		19			
1707771	W-MM-01	7/26/2017	W-MM-01_072617_SED_03-05	FS	22.1	J	3370					
1707771	W-MM-01	7/26/2017	W-MM-01_072617_SED_05-10	FS	28.6	J	1200					
1707771	W-MM-02	7/25/2017	W-MM-02_072517_SED_00-01	FS	23.4	J	434		13.5			
1707771	W-MM-02	7/25/2017	W-MM-02_072517_SED_01-03	FS	23.8	J	697		22.1			
1707771	W-MM-02	7/26/2017	W-MM-02_072617_SED_03-05	FS	24.5	J	205					
1707771	W-MM-02	7/26/2017	W-MM-02_072617_SED_05-10	FS	28.1	J	38.1					
1707771	W-MM-06	7/24/2017	W-MM-06_072417_SED_00-01	FS	23.7	J	420		15.1			
1707771	W-MM-06	7/24/2017	W-MM-06_072417_SED_01-03	FS	27.3	J	1050		11.7			
1707771	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R1	FS	29.5	J	282					
1707771	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R2	FS	27	J	292					
1707771	W-MM-06	7/25/2017	W-MM-06_072517_SED_03-05_R3	FS	29.2	J	297					
1707771	W-MM-06	7/25/2017	W-MM-06_072517_SED_05-10	FS	31.4	J	96.8					
1707771	W-MM-07	7/25/2017	W-MM-07_072517_SED_00-01	FS	21.8	J	321		10.6			
1707771	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R1	FS	23.5	J	495		10.8			
1707771	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R2	FS	23.2	J	562		13			
1707771	W-MM-07	7/25/2017	W-MM-07_072517_SED_01-03_R3	FS	22.5	J	616		13.2			

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	W-MM-07	7/26/2017	W-MM-07_072617_SED_03-05	FS	20.9	J	682					
1707771	W-MM-07	7/26/2017	W-MM-07_072617_SED_05-10	FS	30.2	J	212					
1707771	W-MM-17	7/25/2017	W-MM-17_072517_SED_00-01	FS	19.4	J	162	J	19.4			
1707771	W-MM-17	7/25/2017	W-MM-17_072517_SED_01-03	FS	26	J	294		3	J		
1707771	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R1	FS	25.6	J	104					
1707771	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R2	FS	25.7	J	99.8					
1707771	W-MM-17	7/26/2017	W-MM-17_072617_SED_03-05_R3	FS	24.2	J	99.3					
1707771	W-MM-17	7/26/2017	W-MM-17_072617_SED_05-10	FS	27.7	J	26.7					
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_00-01	FS	22.5	J	212		25.6			
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_01-03	FS	23.6	J	564		26.6			
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R1	FS	25.1	J	858	J				
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R2	FS	22.4	J	1230	J				
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_03-05_R3	FS	32.7	J	576	J				
1707771	W-MM-18	7/25/2017	W-MM-18_072517_SED_05-10	FS	27.1	J	53.3					
1707771	W-MM-19	7/24/2017	W-MM-19_072417_SED_00-01	FS	31.2	J	360		16.4			
1707771	W-MM-19	7/24/2017	W-MM-19_072417_SED_01-03	FS	37.8	J	655		16			
1707771	W-MM-19	7/25/2017	W-MM-19_072517_SED_03-05	FS	45.2	J	190					
1707771	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R1	FS	26.1	J	336	J				
1707771	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R2	FS	27.3	J	245	J				
1707771	W-MM-19	7/25/2017	W-MM-19_072517_SED_05-10_R3	FS	31.1	J	150	J				
1707771	W-MM-22	7/24/2017	W-MM-22_072417_SED_00-01	FS	20.7	J	276		28.9			
1707771	W-MM-22	7/24/2017	W-MM-22_072417_SED_01-03	FS	25.4	J	417		15.6			
1707771	W-MM-22	7/25/2017	W-MM-22_072517_SED_03-05	FS	26.5	J	584	J				
1707771	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R1	FS	31.8	J	21	J				

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1707771	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R2	FS	31.2	J	20.8	J				
1707771	W-MM-22	7/25/2017	W-MM-22_072517_SED_05-10_R3	FS	32.1	J	103	J				
1707771	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R1	FS	34	J	423		6.3			
1707771	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R2	FS	32.7	J	440		7.6			
1707771	W-MM-23	7/24/2017	W-MM-23_072417_SED_00-01_R3	FS	33.5	J	389		7.9			
1707771	W-MM-23	7/24/2017	W-MM-23_072417_SED_01-03	FS	37.5	J	596		8.8			
1707771	W-MM-23	7/25/2017	W-MM-23_072517_SED_03-05	FS	35.7	J	1080					
1707771	W-MM-23	7/25/2017	W-MM-23_072517_SED_05-10	FS	38.9	J	288					
1707771	W-MM-24	7/24/2017	W-MM-24_072417_SED_00-01	FS	34.7	J	480		5.8			
1707771	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R1	FS	40.3	J	391		5			
1707771	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R2	FS	39.4	J	418		4.9			
1707771	W-MM-24	7/24/2017	W-MM-24_072417_SED_01-03_R3	FS	39.8	J	345		3.6	J		
1707771	W-MM-24	7/25/2017	W-MM-24_072517_SED_03-05	FS	42.9	J	302					
1707771	W-MM-24	7/25/2017	W-MM-24_072517_SED_05-10	FS	48	J	140					
1707771	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R1	FS	56.9	J	247		3.1			
1707771	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R2	FS	56	J	221		2.7	J		
1707771	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_00-01_R3	FS	52.2	J	230		3.2			
1707771	W-MM-TP	7/25/2017	W-MM-TP_072517_SED_01-03	FS	50.7	J	163		1.4	J		
1707771	W-MM-TP	7/26/2017	W-MM-TP_072617_SED_03-05	FS	49.2	J	100					
1707771	W-MM-TP	7/26/2017	W-MM-TP_072617_SED_05-10	FS	48.3	J	46.6					
1708151	W-100-A	8/1/2017	W-100-A_080117_SED_00-01	FS	29.8	J	554		30.6			
1708151	W-100-A	8/1/2017	W-100-A_080117_SED_01-03	FS	34.2	J	837		28.6			
1708151	W-100-A	8/3/2017	W-100-A_080317_SED_03-05	FS	29.1	J	1620					
1708151	W-100-A	8/3/2017	W-100-A_080317_SED_05-10	FS	25	J	1180					

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1708151	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_00-01	FS	34.8	J	766		13.3			
1708151	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R1	FS	37.6	J	916		5.2			
1708151	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R2	FS	38.1	J	884		4.5			
1708151	W-101-INTA	8/1/2017	W-101-INTA_080117_SED_01-03_R3	FS	36.4	J	864		4.4			
1708151	W-101-INTA	8/3/2017	W-101-INTA_080317_SED_03-05	FS	41	J	929					
1708151	W-101-INTA	8/3/2017	W-101-INTA_080317_SED_05-10	FS	39	J	583					
1708151	W-104-B	8/1/2017	W-104-B_080117_SED_00-01	FS	63	J	82.3		1	J		
1708151	W-104-B	8/1/2017	W-104-B_080117_SED_01-03	FS	53.7	J	461		0.6	J		
1708151	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R1	FS	55.4	J	511					
1708151	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R2	FS	53.1	J	519					
1708151	W-104-B	8/3/2017	W-104-B_080317_SED_03-05_R3	FS	55.1	J	537					
1708151	W-104-B	8/3/2017	W-104-B_080317_SED_05-10	FS	52.1	J	296					
1708151	W-104-INTB	8/1/2017	W-104-INTB_080117_SED_00-01	FS	34.8	J	549		6.9			
1708151	W-104-INTB	8/1/2017	W-104-INTB_080117_SED_01-03	FS	34.9	J	698		3.7			
1708151	W-104-INTB	8/3/2017	W-104-INTB_080317_SED_03-05	FS	37.8	J	977					
1708151	W-104-INTB	8/3/2017	W-104-INTB_080317_SED_05-10	FS	41.2	J	1040					
1708151	W-106-A	8/1/2017	W-106-A_080117_SED_00-01	FS	29.4	J	669		3.7			
1708151	W-106-A	8/1/2017	W-106-A_080117_SED_01-03	FS	30.4	J	922		3.6			
1708151	W-106-A	8/3/2017	W-106-A_080317_SED_03-05	FS	32.9	J	1720					
1708151	W-106-A	8/3/2017	W-106-A_080317_SED_05-10	FS	31.7	J	2990					
1708151	W-107-A	8/1/2017	W-107-A_080117_SED_00-01	FS	36.6	J	513		5.9			
1708151	W-107-A	8/1/2017	W-107-A_080117_SED_01-03	FS	43.2	J	1060		8.2			
1708151	W-107-A	8/3/2017	W-107-A_080317_SED_03-05	FS	36.4	J	2200					
1708151	W-107-A	8/3/2017	W-107-A_080317_SED_05-10	FS	48.4	J	651					

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1708151	W-109-A	8/1/2017	W-109-A_080117_SED_00-01	FS	23.7	J	92.5		1.9	U		
1708151	W-109-A	8/1/2017	W-109-A_080117_SED_01-03	FS	29.9	J	90.8		0.6	J		
1708151	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R1	FS	68.8	J	38.6					
1708151	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R2	FS	60.1	J	38.6					
1708151	W-109-A	8/3/2017	W-109-A_080317_SED_05-10_R3	FS	63.6	J	36.2					
1708151	W-109-A	8/3/2017	W-109-A_080317_SED_03-05	FS	28.6	J	206					
1708151	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R1	FS	23.5	J	217		0.5	J		
1708151	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R2	FS	23.9	J	200		0.5	J		
1708151	W-110-A	8/1/2017	W-110-A_080117_SED_00-01_R3	FS	22.4	J	213		0.6	J		
1708151	W-110-A	8/1/2017	W-110-A_080117_SED_01-03	FS	24.4	J	433		4.5			
1708151	W-110-A	8/3/2017	W-110-A_080317_SED_03-05	FS	41.4	J	187					
1708151	W-110-A	8/3/2017	W-110-A_080317_SED_05-10	FS	70.1	J	30.2					
1708151	W-MM-09	8/1/2017	W-MM-09_080117_SED_00-01	FS	25.7	J	237		2.9			
1708151	W-MM-09	8/1/2017	W-MM-09_080117_SED_01-03	FS	23.6	J	725		2.2			
1708151	W-MM-09	8/3/2017	W-MM-09_080317_SED_03-05	FS	24.7	J	594					
1708151	W-MM-09	8/3/2017	W-MM-09_080317_SED_05-10	FS	28.1	J	33.4					
1708151	W-MM-10	8/1/2017	W-MM-10_080117_SED_00-01	FS	14.2	J	183		1.4	J		
1708151	W-MM-10	8/1/2017	W-MM-10_080117_SED_01-03	FS	15.5	J	357		2.7			
1708151	W-MM-10	8/3/2017	W-MM-10_080317_SED_03-05	FS	18.9	J	116					
1708151	W-MM-10	8/3/2017	W-MM-10_080317_SED_05-10	FS	23.7	J	16.5					
1708151	W-MM-15	8/1/2017	W-MM-15_080117_SED_00-01	FS	25	J	282		6			
1708151	W-MM-15	8/1/2017	W-MM-15_080117_SED_01-03	FS	26.1	J	266		2.1			
1708151	W-MM-15	8/3/2017	W-MM-15_080317_SED_03-05	FS	28.7	J	237					
1708151	W-MM-15	8/3/2017	W-MM-15_080317_SED_05-10	FS	29	J	47.7					

Prepared by: BCG 11/01/2017
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TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1708151	W-MM-16	8/1/2017	W-MM-16_080117_SED_00-01	FS	20	J	144		1.8			
1708151	W-MM-16	8/1/2017	W-MM-16_080117_SED_01-03	FS	26	J	734		0.4	J		
1708151	W-MM-16	8/3/2017	W-MM-16_080317_SED_03-05	FS	31.4	J	86.6					
1708151	W-MM-16	8/3/2017	W-MM-16_080317_SED_05-10	FS	36.4	J	23.4					
1708151	W-MM-20	8/1/2017	W-MM-20_080117_SED_00-01	FS	35.7	J	348		2.9			
1708151	W-MM-20	8/1/2017	W-MM-20_080117_SED_01-03	FS	36.2	J	532		2.5			
1708151	W-MM-20	8/3/2017	W-MM-20_080317_SED_03-05	FS	37.1	J	1130					
1708151	W-MM-20	8/3/2017	W-MM-20_080317_SED_05-10	FS	43.7	J	299					
1708151	W-MM-21	8/1/2017	W-MM-21_080117_SED_00-01	FS	30	J	435		2.2			
1708151	W-MM-21	8/1/2017	W-MM-21_080117_SED_01-03	FS	30.8	J	634		1.9			
1708151	W-MM-21	8/3/2017	W-MM-21_080317_SED_03-05	FS	26.2	J	949					
1708151	W-MM-21	8/3/2017	W-MM-21_080317_SED_05-10	FS	26.7	J	141					
1708524	W-101-A	8/15/2017	W-101-A_081517_SED_00-01	FS	36.3	J	854		5.7			
1708524	W-101-A	8/15/2017	W-101-A_081517_SED_01-03	FS	36.8	J	900		4.9			
1708524	W-101-A	8/17/2017	W-101-A_081717_SED_03-05	FS	36.4	J	2380					
1708524	W-101-A	8/17/2017	W-101-A_081717_SED_05-10	FS	32.4	J	1330					
1708524	W-101-B	8/15/2017	W-101-B_081517_SED_00-01	FS	28.1	J	878		1.4	J		
1708524	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R1	FS	32.6	J	2240		3.7			
1708524	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R2	FS	32.7	J	1980		3.5			
1708524	W-101-B	8/15/2017	W-101-B_081517_SED_01-03_R3	FS	33.1	J	1460		2.8			
1708524	W-101-B	8/17/2017	W-101-B_081717_SED_03-05	FS	31.3	J	2270					
1708524	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R1	FS	30.5	J	608					
1708524	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R2	FS	30.7	J	711					
1708524	W-101-B	8/17/2017	W-101-B_081717_SED_05-10_R3	FS	31.5	J	575					

TABLE 3
DATA VALIDATION SUMMARY
2017 MARSH PLATFORM SEDIMENT
PENOBSCOT RIVER ESTUARY PHASE III - ENGINEERING EVAL
SDGs L1725276, 1707620, 1707704, L1725963, L1726234, L1726792, 1707771, 1708151, 1708524, L1727213, L1727676, L1729216, L1729601

			Analysis Method				EPA 1631		EPA 1630		LLOYD KAHN	
			Parameter		% Solids		Mercury		Methyl Mercury		TOC	
			Unit		PERCENT		NG/G		NG/G		PERCENT	
			Fraction		Total		Total		Total		Total	
SDG	**Location ID**	**Sample Date**	**Sample ID**	**QC Code**	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier	Final Result	Final Qualifier
1708524	W-102-A	8/15/2017	W-102-A_081517_SED_00-01	FS	24.3	J	731		22.4			
1708524	W-102-A	8/15/2017	W-102-A_081517_SED_01-03	FS	28.7	J	1750		15.15			
1708524	W-102-A	8/17/2017	W-102-A_081717_SED_03-05	FS	24.3	J	3480					
1708524	W-102-A	8/17/2017	W-102-A_081717_SED_05-10	FS	18.9	J	1540					
1708524	W-102-B	8/15/2017	W-102-B_081517_SED_00-01	FS	19.2	J	250		7.6			
1708524	W-102-B	8/15/2017	W-102-B_081517_SED_01-03	FS	20.1	J	748		4.5			
1708524	W-102-B	8/17/2017	W-102-B_081717_SED_03-05	FS	19.7	J	599					
1708524	W-102-B	8/17/2017	W-102-B_081717_SED_05-10	FS	20.3	J	445					
1708524	W-102-C	8/15/2017	W-102-C_081517_SED_00-01	FS	28.5	J	987		21.7			
1708524	W-102-C	8/15/2017	W-102-C_081517_SED_01-03	FS	31.7	J	946		6.2			
1708524	W-102-C	8/17/2017	W-102-C_081717_SED_03-05	FS	27.6	J	1530					
1708524	W-102-C	8/17/2017	W-102-C_081717_SED_05-10	FS	20.2	J	3200					
1708524	W-108-A	8/15/2017	W-108-A_081517_SED_00-01	FS	45.5	J	465		5.4			
1708524	W-108-A	8/15/2017	W-108-A_081517_SED_01-03	FS	48	J	512		1.9			
1708524	W-108-A	8/17/2017	W-108-A_081717_SED_03-05	FS	52.2	J	162					
1708524	W-108-A	8/17/2017	W-108-A_081717_SED_05-10	FS	54.8	J	29.3					

Notes:

NG/G = Nanogram per gram
NG/L = Nanogram per liter
FS = Field Sample
EB = Equipment Blank
J = Value is estimated
U = The target compound was not detected above the method detection limit
SDG = Sample Delivery Group

Prepared by: BCG 11/01/2017
Checked by: EP 11/02/2017