

<b>Work Order</b>	<b>005B</b> <i>Historical Database Research and Updates</i>
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MALLINCKRODT US LLC	<b>Project Name:</b> Penobscot River Phase III Engineering Study <b>Project Number:</b> 3616166052
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**This Work Order (“Work Order”), when approved and signed by both parties, is issued under and amends that certain Agreement between the parties executed February 2, 2016 (“Agreement”). Except as expressly modified herein, all terms and conditions of the Agreement remain in full force and effect.**

**SCOPE OF SERVICES:**

Amec Foster Wheeler shall perform the following services (“Services”):

- As set forth in the attached document entitled (Insert document description here).
- As described as follows:

Under this Work Order, Amec Foster Wheeler is requesting additional funding to search for and update missing historical data in the database for biota, sediment, and surface water samples. The analytical data for biota contained in the database created by Woodard & Curran appears to be comprehensive, yet some of the physical data (coordinates, weight, length, age, sex, bird band #, sample nomenclature, etc.) is inconsistently populated. To calculate BAFs/BSAFs, perform the ecological risk assessment, and perform trending analyses on biota data, the relevant physical data is required. Amec Foster Wheeler will use the hardcopy files collected from the Winterport field office, as well as electronic files provided by the Litigants, to assist in locating the necessary data and completing the data in the database.

The work involved includes review of historical hardcopy and electronic files, entry of the data into spreadsheets, and upload of the data to the project database. The following bullets provide examples of missing data:

- Nelson’s Sparrow - 2007, 2008, 2009 - Bird weight, Band #, coordinates, sex, age, sample nomenclature
- Red Winged Black Bird - 2007, 2008, 2009, 2010 - Bird weight, Band #, coordinates
- Lobster – 2006, 2008, 2009, 2010, 2014 – Body weight, length, coordinates
- Blue Mussel –2006, 2007, 2008, 2009, 2010, 2012 – Body Weight, coordinates
- Sediment – 2015 Southern Cove cores – coordinates
- Sediment – depths, sample nomenclature to determine use, units,
- Surface Water – 2006, 2007, 2008, 2009, 2010, 2011, 2012 – depths, coordinates, parameter units, water quality values

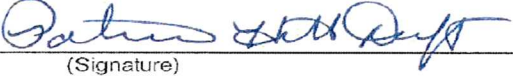
**COMPENSATION**



By their signatures below, the parties acknowledge that they shall be bound by the terms of this Work Order, including the attachments hereto, and that the undersigned are authorized to enter into this Work Order.

**MALLINCKRODT US LLC**

Date: 4/3/17

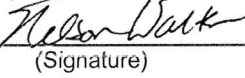
By:   
(Signature)

Name: Patricia Hitt Duft  
(Printed Name)

Title: Vice President

**Amec Foster Wheeler Environment & Infrastructure, Inc.:**

Date: March 23, 2017

By:   
(Signature)

Name: Nelson Walter  
(Printed Name)

Title: Vice President