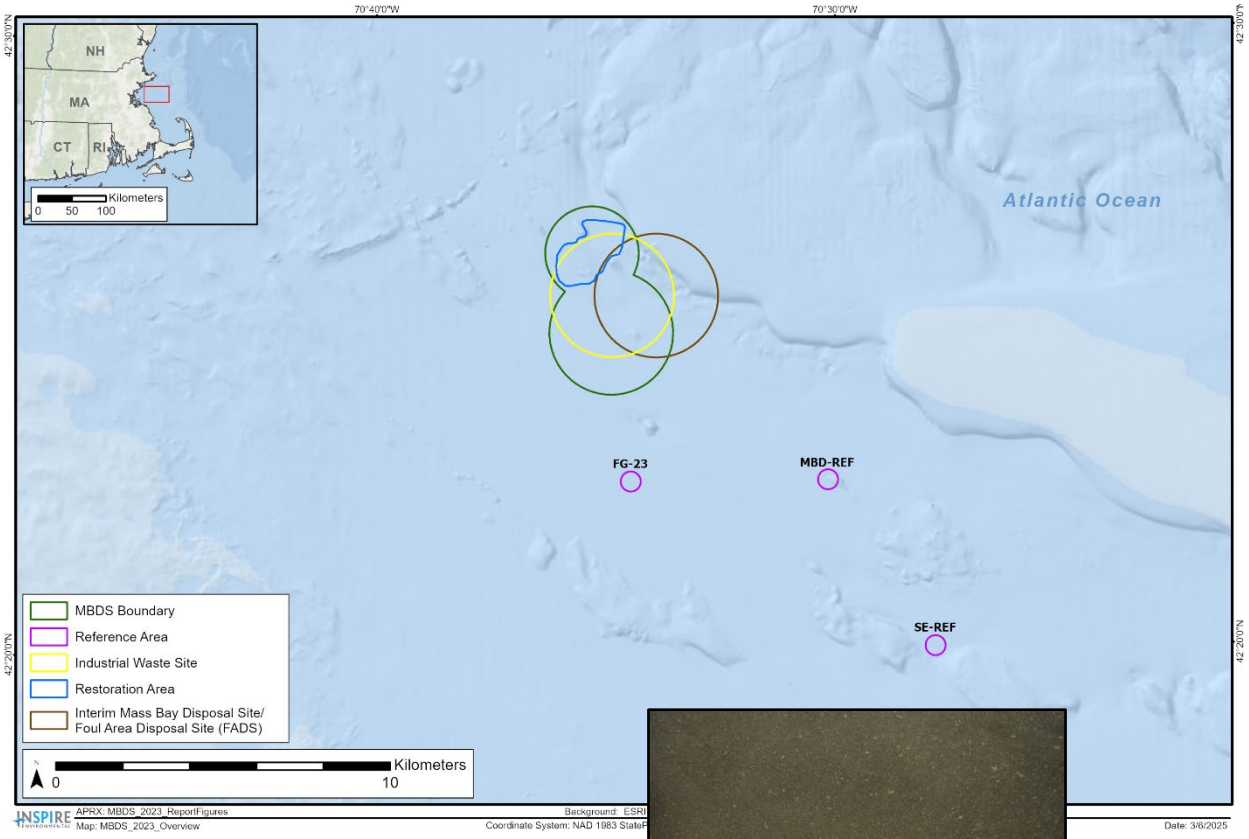
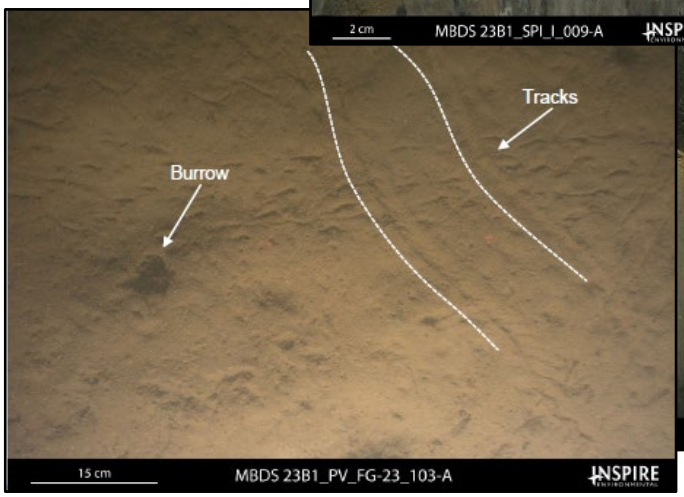
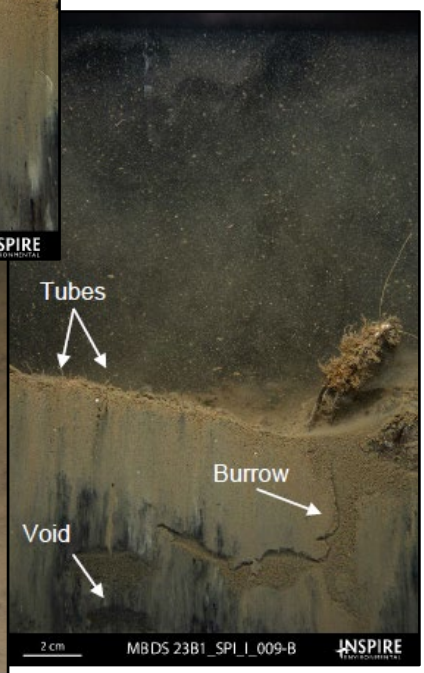
Monitoring Survey at the Massachusetts Bay Disposal Site, September 2023

Disposal Area Monitoring System - DAMOS







US Army Corps of Engineers
New England District

D A M O S
DISPOSAL AREA MONITORING SYSTEM

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April 2025

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13. ABSTRACT

INSPIRE Environmental (INSPIRE) conducted Sediment Profile and Plan View Imaging (SPI/PV), sediment, and tissue sampling surveys at the Massachusetts Bay Disposal Site (MBDS) in September 2023 as part of the U.S. Army Corps of Engineers (USACE) New England District (NAE) Disposal Area Monitoring System (DAMOS) Program. The overall objective of the 2023 MBDS survey was to conduct a confirmatory survey at two areas within MBDS; (1) Mound H, which received approximately 232,000 cubic meters (m^3; 303,000 cubic yards [yd^3]) of material from 2018 to 2019; and (2) Mound I, which received approximately 155,000 m^3 (203,000 yd^3) of material from 2012 to 2021. Survey activities included SPI/PV imagery collection at five stations at Mound H, five stations at Mound I, and four stations at each of the three reference areas. A focused study that included sediment chemistry and tissue chemistry analysis was also conducted. Sediment for chemical analysis was collected from three stations at Mound H, three stations at Mound I, and three stations at the reference area, MBD-REF. Tissue for chemical analysis was collected from three stations at MBD-REF.

SPI/PV survey results provided several lines of evidence indicating benthic recovery was progressing as expected following dredged material placement at both Mound H and Mound I. Mean maximum successional stage rank at both mounds was statistically equivalent to that of the reference areas. Similarly, the average apparent Redox Potential Discontinuity (aRPD) depths at both mounds in 2023 were statistically similar to those of the reference areas. At both Mound H and Mound I the signature of dredged material persisted. Mound H was found to have large clasts of clay and/or layers of Boston Blue Clay at all stations imaged, while the signature of dredged material at Mound I was mostly highly reduced sediment with some intermixed trace clay and small clasts of clay.

Sediment chemistry results displayed concentrations of organics, pesticides, and metals at Mound I above the effects range low (ER-L). At least one station at Mound I was above the ER-L for total polychlorinated biphenyls (PCBs), total high molecular weight (HMW) polycyclic aromatic hydrocarbons (PAHs), total DDX (the sum of 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT), arsenic, chromium, mercury, copper, lead, and nickel. Conversely, at Mound H most analytes were below ER-L levels, with the exception of total DDX and nickel at Station 001 and for arsenic at all three stations sampled at Mound H. Only one station (Station 105) at MBD-REF had concentrations of contaminants of concern (COCs), arsenic and nickel, detected above the ER-L; all other COCs were found below the ER-L at stations sampled within MBD-REF. Tissue samples were not found to have any elevated organics or metals concentrations within an order of magnitude of the Food and Drug Administration (FDA) Guidelines.

Results of the 2023 surveys led to the following recommendations:

R1: Targeted dredged material placement can continue at the mound area within MBDS; potentially focused at the newly formed Mound J.

R2: Paired acoustic and SPI/PV monitoring should be conducted after any future placement activity to continue to monitor the stability and benthic recolonization of the mounds.

R3: Sediment and tissue chemistry data at active portions of MBDS should be collected periodically and should be compared to harbor characterization/pre-placement chemical analysis data to ensure that chemical concentrations are at or near expected levels post-placement.

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Note on units of this report: As a scientific data summary, information and data are presented in the metric system. However, given the prevalence of English units in the dredging industry of the United States, conversions to English units are provided for general information in Section 1.0. A table of common conversions can be found in Appendix A.

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LIST OF ACRONYMS

ANOVA	Analysis of Variance
aRPD	apparent Redox Potential Discontinuity
As	arsenic
Cd	cadmium
CLT	Central Limit Theorem
cm	centimeter
COC	contaminant of concern
Cr	chromium
Cu	copper
DAMOS	Disposal Area Monitoring System
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DDX	sum of 4,4’-DDD, 4,4’-DDE, and 4,4’-DDT
EA	Environmental Assessment
ER-L	effects range low
ER-M	effects range median
FADS	Foul Area Disposal Site
FDA	Food and Drug Administration
FSP	Field Sampling Plan
ft	feet
g	grams
GPS	Global Positioning System

LIST OF ACRONYMS (CONTINUED)

Hg	mercury
HMW	high molecular weight
INSPIRE	INSPIRE Environmental
ITM	Inland Testing Manual
IWS	Industrial Waste Site
km	kilometer
LMW	low molecular weight
m	meter
MB	megabyte
MBDS-REF	Massachusetts Bay Disposal Site Reference Area
MBDS	Massachusetts Bay Disposal Site
MBES	multibeam echosounder
MDL	method detection limit
mm	millimeter
µm	micron
NAD83	North American Datum of 1983
NAE	USACE, New England Division
NEF	Nikon Electronic Format
Ni	nickel
nmi	nautical mile
NOAA	National Oceanic and Atmospheric Administration
ODMDS	Ocean Dredged Material Disposal Site
oz	ounce

LIST OF ACRONYMS (CONTINUED)

PAHs	polycyclic aromatic hydrocarbons
Pb	lead
PCBs	polychlorinated biphenyls
PSD	Photoshop Document
PV	Plan View
QAPP	Quality Assurance Project Plan
QC	Quality Control
RIM	Regional Implementation Manual
RTK	real time kinematic
R/V	research vessel
SD	standard deviation
SMMP	Site Management and Monitoring Plan
SOD	sediment oxygen demand
SOPs	Standard Operating Procedures
SPI	Sediment Profile Imaging
SQGs	sediment quality guidelines
TOC	total organic carbon
TOST	two one-sided tests
UCL	upper confidence limit
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
Zn	zinc

EXECUTIVE SUMMARY

INSPIRE Environmental (INSPIRE) conducted Sediment Profile and Plan View Imaging (SPI/PV), sediment, and tissue sampling surveys at the Massachusetts Bay Disposal Site (MBDS) in September 2023 as part of the U.S. Army Corps of Engineers (USACE) New England District (NAE) Disposal Area Monitoring System (DAMOS) Program. The overall objective of the 2023 MBDS survey was to conduct a confirmatory survey at two areas within MBDS; (1) Mound H, which received approximately 232,000 cubic meters (m^3; 303,000 cubic yards [yd^3]) of material from 2018 to 2019; and (2) Mound I, which received approximately 155,000 m^3 (203,000 yd^3) of material from 2012 to 2021. Survey activities included SPI/PV imagery collection at five stations at Mound H, five stations at Mound I, and four stations at each of the three reference areas. A focused study that included sediment chemistry and tissue chemistry analysis was also conducted. Sediment for chemical analysis was collected from three stations at Mound H, three stations at Mound I, and three stations at the reference area, MBD-REF. Tissue for chemical analysis was collected from three stations at MBD-REF.

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R3: Sediment and tissue chemistry data at active portions of MBDS should be collected periodically and should be compared to harbor characterization/pre-placement chemical analysis data to ensure that chemical concentrations are at or near expected levels post-placement.

1.0 INTRODUCTION

INSPIRE Environmental (INSPIRE) conducted Sediment Profile and Plan View Imaging (SPI/PV), sediment, and tissue sampling surveys at the Massachusetts Bay Disposal Site (MBDS) in September 2023 as part of the U.S. Army Corps of Engineers (USACE) New England District (NAE) Disposal Area Monitoring System (DAMOS) Program. DAMOS is a comprehensive monitoring and management program designed and conducted to address environmental concerns surrounding the placement of dredged material at aquatic disposal sites throughout the New England region. An introduction to the DAMOS Program and MBDS, including brief descriptions of previous dredged material disposal and site monitoring activities, is provided below.

1.1 Overview of the DAMOS Program

The DAMOS Program features a tiered management protocol designed to ensure that any potential adverse environmental impacts associated with dredged material disposal are promptly identified and addressed (Germano et al. 1994). For over 40 years, the DAMOS Program has collected and evaluated dredged material disposal site data throughout New England. Based on these data, patterns of physical, chemical, and biological responses of seafloor environments to dredged material disposal activity have been documented (Fredette and French 2004).

DAMOS monitoring surveys fall into two general categories: confirmatory studies and focused studies. The data collected and evaluated during these studies provide answers to strategic questions in determining next steps in the disposal site management process. DAMOS monitoring results guide the management of disposal activities at existing sites, support planning for use of future sites, and evaluate the long-term status of historical sites (Wolf et al. 2012).

Confirmatory studies are designed to test hypotheses related to expected physical and ecological response patterns following placement of dredged material on the seafloor at established, active disposal sites. Two primary goals of DAMOS confirmatory monitoring surveys are to document the physical location and stability of dredged material placed into the aquatic environment and to evaluate the biological recovery of the benthic community following placement of dredged material. Several survey techniques are employed in order to characterize these responses to dredged material placement. Sequential acoustic

monitoring surveys (including bathymetric, acoustic backscatter, and side-scan sonar data collection) are performed to characterize the height and spread of discrete dredged material deposits or mounds created at open-water sites as well as the accumulation/consolidation of dredged material into confined aquatic disposal cells.

SPI and PV imaging surveys are performed in confirmatory studies to provide further physical characterization of the material and to support evaluation of seafloor (benthic) habitat conditions and recovery over time. Each type of data collection activity is conducted periodically at disposal sites and the conditions found after a defined period of disposal activity are compared with the long-term data set at specific sites to determine the next step in the disposal site management process (Germano et al. 1994).

Focused studies are periodically undertaken within the DAMOS Program to evaluate candidate sites, as baseline surveys at new sites, to evaluate inactive or historical disposal sites, and to contribute to the development of dredged material management and monitoring techniques. Focused DAMOS monitoring surveys often feature additional types of data collection activities as deemed appropriate to achieve specific survey objectives, such as sediment grab or core sampling for physical/chemical/biological analyses, sub-bottom profiling, or underwater video image collection.

The 2023 MBDS survey included a focused study to assess tissue chemistry of sediment dwelling organisms (infauna) and sediment chemistry at the MBDS Reference Area (MBD-REF). Additionally, sediment chemistry samples were collected at the recently active portion of the MBDS site; chemistry analyses included the Regional Implementation Manual (RIM) suite of analytes (USEPA/USACE 2004). The 2023 MBDS survey also included a confirmatory study collecting SPI/PV imagery over a recently active portion of the site to support an assessment of physical modifications, surficial sediment quality, and the benthic community response to dredged material placement. SPI/PV imagery was also collected within the three designated reference areas for comparative purposes.

MBD-REF is one of three MBDS references areas and the one identified in the RIM by the U.S. Environmental Protection Agency (USEPA) and USACE (USEPA/USACE 2004). These reference sites are selected through the USEPA Region 1 and USACE cooperative program that designates reference locations for each active disposal site to be regularly monitored to maintain a record of the baseline conditions of sediments in the region of a disposal site and support the Site Management and Monitoring Plan (SMMP)

(USEPA/USACE 2004; USEPA/USACE 2009). These reference sites also establish a temporal record of conditions near the disposal site to aid in suitability determinations for material placement (USEPA/USACE 2004).

1.2 Introduction to the Massachusetts Bay Disposal Site

MBDS is located approximately 20 kilometers (km) (10.8 nautical miles [nmi]) southeast of Manchester, Massachusetts, centrally located within Massachusetts Bay and situated adjacent to the Stellwagen Bank National Marine Sanctuary (Figure 1-1). MBDS was designated as an Ocean Dredged Material Disposal Site (ODMDS) in 1992 as a 10.8 km^2 (3.1 nmi^2) diameter circular area centered at 42°25.1′ N, 70°35.0′ W (USEPA 1992; USEPA 1993; USEPA/USACE 2009). In 2018, the USEPA finalized an Environmental Assessment (EA) evaluating the temporary expansion of the MBDS boundary to include a portion of the historical Industrial Waste Site (IWS), increasing the site footprint to 15.8 km^2 (4.6 nmi^2) adding a partially overlapping circular area to the northern boundary of MBDS (the MBDS expansion area) (Figure 1-2). Ambient water depths at MBDS slope gradually from approximately 82 meters (m) (270 feet [ft]) along the southwestern boundary towards a natural depression (approximately 92 m [300 ft] in depth) situated in the middle of the existing disposal mounds (Figure 1-3).

Since January 1994, one of the management strategies at MBDS featured the controlled placement of small to moderate volumes of sediment to form individual disposal mounds arranged around the natural seafloor depression in the site (Figure 1-3). The goal of this approach is to construct the boundary of a containment cell over time. Once complete, the containment cell may be used to limit the lateral spread of future dredged material. By late 2012, nine dredged material disposal mounds had been constructed within MBDS (MBDS-A through MBDS-I; Figure 1-3). A brief description of the mounds and their origin is provided in Section 1.3 below.

1.3 Historical Dredged Material Disposal Activity

Disposal of dredged material in the vicinity of MBDS dates back more than 60 years. Since 2012, the MBDS Mounds have received approximately 475,000 m^3 (621,000 yd^3) of dredged material from Boston Harbor and other surrounding harbors (Figure 1-4).

1.4 Previous MBDS Monitoring Events

A baseline survey was performed at MBDS in 1993 and confirmatory surveys were performed in 1993, 1994, 1998/1999, 2000, 2004, 2007, 2012, and 2015 (Table 1-1). The most recent 2015 acoustic survey encompassed the mound area of MBDS, however SPI/PV imagery collection was focused on the IWS (Sturdivant and Carey 2017), therefore the SPI/PV imagery will not be discussed in this report. The 2012 surveys were conducted in September and October and featured bathymetric and SPI/PV surveys at areas where recent dredged material placement had occurred. The acoustic survey was conducted over Mounds A through I, and the SPI/PV survey was performed at Mounds H and I, as well as at the three reference areas (Carey et al. 2013). Results of the 2012 study found that recolonization had occurred at both Mounds H and I; macrofaunal successional stages were found to be statistically similar to reference areas. Mounds H and I were also found to have mean apparent Redox Potential Discontinuity (aRPD) depths consistent with reference areas, indicating a healthy benthic community at each disposal mound (Carey et al. 2013).

Although not conducted under the DAMOS Program, USEPA completed an acoustic survey in June/July 2021 (USEPA 2022). This survey was conducted over the entire MBDS, including the expansion area, to characterize the seafloor topography after recent dredged material placement at the Mounds and to document the completion of the restoration in the expansion area. Acoustic data collected during the survey will be displayed on figures herein to provide recent and relevant acoustic information for comparative analysis with the 2023 SPI/PV and sediment grab sampling results.

1.5 Recent Dredged Material Disposal Activity

Since the 2012 DAMOS survey at MBDS, approximately 475,000 m^3 (621,000 yd^3) of material has been placed at MBDS (Table 1-2; Figure 1-4). Material placed at Mound H in 2019 all originated from the Boston Harbor Improvement Project and totaled approximately 232,000 m^3 (303,000 yd^3) (Table 1-2). Mound I received approximately 155,000 m^3 (203,000 yd^3) of material from a number of maintenance projects, most recently from Brewer Hawthorne Cove Marina in 2021 (Table 1-2). Approximately 88,000 m^3 (116,000 yd^3) of material was placed at other mounds (generally concentrated at Mound J on Figure 1-3) since the 2012 survey (Table 1-2), however no data was collected in these areas during the 2023 survey.

A detailed record of dredged material disposal activity at MBDS from September 2012 to July 2021, including the origin and volume of dredged material, and the placement location, is provided in Appendix B. These totals do not include the material from the IWS Demonstration Project (380,000 m^3 [497,000 yd^3]), the IWS Pilot Project (978,000 m^3 [1,279,000 yd^3]), or the IWS Restoration Project (8.8 million m^3 [11.5 million yd^3]) (AECOM 2022).

1.6 2023 MBDS Survey Objectives

The overall objectives of the 2023 MBDS survey were to conduct a confirmatory survey and a focused investigation designed to address the following:

- Use SPI/PV imaging to assess the recolonization status of benthic organisms and surficial sediment characteristics at Mounds H and I, and at the three reference areas (MBD-REF, SE-REF, and FG-23).
- Assess sediment chemistry of Mounds H and I, and one MBDS Reference Area (MBD-REF).
- Assess the tissue chemistry of infaunal organisms at MBD-REF.

Table 1-1.

Overview of Survey Activities at MBDS since 1992

Date	Purpose of Survey	Bathymetry Area (m × m) and type	# SPI Stations	Sediment Grabs (#) and Analyses	Additional Studies	Reference	DAMOS Contribution No.
9/1993	Baseline of reconfigured site	4,000 × 4,075 Single beam	-	(26) Grain size, metals, PAHs, pesticides, PCBs, TOC	Side-scan	SAIC 1997a	115
8/1994	Periodic site monitoring	-	76	-	-	SAIC 1997b	116
9/1998	Demonstration area-baseline	800 × 800 Single beam	91	(13) Grain size	Side-scan	SAIC 2003	147
12/1998	Demonstration area-single barge	800 × 800 Single beam	82	-	Side-scan	SAIC 2003	147
4/1999	Pre-placement/Cohasset Harbor Capping Project pre-cap demonstration	800 × 800 Single beam	30	(13) Grain size, color, consistency, other	Side-scan	SAIC 2003	147
8/2000	Post-placement/Cohasset Harbor Capping Project post-cap demonstration	800 × 800 Single beam	33	Grain size (from sediment cores), sediment tracers	Side-scan, sediment cores (12)	SAIC 2003	147
8–10/2000	Periodic site monitoring	2,400 × 2,400 Single beam	39	-	-	SAIC 2002	134
9/2004	Periodic site monitoring	2,400 × 2,400 Multibeam	45	-	-	ENSR 2005	162
8/2007	Periodic site monitoring	2,100 × 3,200 Multibeam	63	Grain size, moisture content, and Atterberg limits	Box cores	AECOM 2010	181
9/2012	Periodic site monitoring	2,000 × 3,000 Multibeam	48	-	-	Carey et al. 2013	195

Date	Purpose of Survey	Bathymetry Area (m × m) and type	# SPI Stations	Sediment Grabs (#) and Analyses	Additional Studies	Reference	DAMOS Contribution No.
9-10/2015	Baseline of IWS	4,000 × 4,000 Multibeam	45	-	ROV	Sturdivant and Carey 2017	201
2017-2020	Summary report	-	-	-	-	AECOM 2022	213
2022	Periodic site monitoring	17.1 km^2 polygon		(30) Grain size, TOC, metals, pesticides, PAHs, and PCBs	-	USEPA 2022	-

Table 1-2.

Disposal Activity at MBDS Mounds H and I since the September/October 2012 Monitoring Survey
(per dredged material disposal logs provided by USACE, February 2024)*

Disposal Events in Mound Locations					
Mound	**Permit Number**	**Project Name**	**Disposal Dates**	**Volume (m^3)**	**Volume (yd^3)**
Mound H	W912WJ-18-C-0010	Boston Harbor Improvement	Jul 12, 2018 - Jul 02, 2019	231,947	303,386
			Mound H Total	**231,947**	**303,386**
Mound I	NAE-2005-01095	Salem Wharf	Nov 27, 2012 - Jan 06, 2013	10,952	14,325
	NAE-2005-010995	Salem Wharf	Nov 27, 2012 - Jan 16, 2013	17,094	22,359
	NAE-2009-00209	Allen Harbor	Oct 26, 2012 - Mar 04, 2013	28,813	37,688
	NAE-2007-2344	Hull Harbor - Nantasket Pier	Nov 20 - Dec 20, 2013	4,251	5,560
	NAE-2008-2721	Citgo Petroleum	Jan 17, 2015	2,752	3,600
	NAE-2010-2322	Cottage Park Yacht Club	Nov 24, 2015 - Jan 22, 2016	6,457	8,446
	NAE-2005-01095	Salem Wharf	Jan 27 - Feb 21, 2016	9,862	12,900
	NAE-2011-00212-2017	Quincy Shipyard	Oct 21, 2016 - Feb 18, 2017	25,373	33,188
	NAE-2016-1163-2016	Eversource Energy	Jan 15 - Jan 20, 2017	479	627
	W912WJ-18-C-0020	Plymouth Harbor	Jan 05 - Jan 31, 2019	24,815	32,459
	NAE-2016-02585	South River	Jul 17 - Sep 26, 2019	17,213	22,514
	NAE-2011-00750	Brewer Hawthorne Cove Marina	Oct 03, 2019 - Feb 09, 2021	6,906	9,033
			Mound I Total	**154,969**	**202,699**
Other Mounds	W912WJ-12-C-0009	Boston Rock Removal	Sep 30 - Oct 04, 2012	459	600
	NAE-2009-00209	Allen Harbor	Nov 13, 2012 - Feb 14, 2013	2,058	2,692
	NAE-2007-2344	Hull Harbor - Nantasket Pier	Nov 30 - Dec 05, 2013	917	1,200
	NAE-2010-2322	Cottage Park Yacht Club	Nov 29 - Dec 20, 2015	806	1,054
	NAE-2005-01095	Salem Wharf	Mar 3, 2016	508	665
	NAE-2016-02585	South River	Oct 2, 2019	363	475
	NAE-2018-02391	Hingham Harbor	Oct 05 - Nov 07, 2019	42,741	55,906

Disposal Events in Mound Locations					
Mound	**Permit Number**	**Project Name**	**Disposal Dates**	**Volume (m^3)**	**Volume (yd^3)**
	NAE-1989-00530	Eversource HEEC Cable	Nov 08, 2019 - Jan 07, 2020	18,782	24,567
	NAE-2011-00750	Brewer Hawthorne Cove Marina	Oct 08, 2019 - Feb 07, 2021	4,850	6,344
	W912WJ-18-C-0020	Plymouth Harbor	Jan 10, 2019 - Jan 14, 2020	6,681	8,739
	W912WJ-18-C-0010	Boston Harbor Improvement	Jun 24, 2019 - May 19, 2020	5,469	7,154
	NAE-2004-01996	Plymouth Yacht Club	Jan 18 - Jan 27, 2020	4,716	6,168
			Other Mounds Total	**88,351**	**115,564**
			Grand Total	**475,267**	**621,649**

*The volume numbers in this table do not include material placed during the IWS demonstration, pilot, or restoration projects.

2.0 METHODS

The September 2023 survey activities at MBDS were conducted by INSPIRE onboard the Research Vessel (R/V) *Atlantic Surveyor* 06-08 September 2023, and included SPI/PV, sediment grab sampling, and tissue sampling.

The June/July 2021 multibeam echosounder (MBES) survey was conducted onboard the R/V *Jamie Hanna* by CR Environmental. Methods from that survey can be found within the 2021 MBDS Multibeam Bathymetric and Sediment Grab Surveys Data Report, 2021 (USEPA 2022).

2.1 Navigation and Onboard Data Acquisition

Navigation for the SPI/PV, sediment, and tissue sampling portions of the survey were carried out by INSPIRE. SPI/PV and sediment grab sample locations were offset from the navigation antennae position on the vessel (vessel position) using the distance to the block when the A-frame was extended to its maximum. A Hemisphere V102 Global Positioning System (GPS) compass was used to accurately record vessel heading as well as differential position accuracy to within a meter. During operations, HYPACK® 2023 software received positional data and transmitted a visual display to the helm, guiding the captain to maneuver the vessel to each sampling station. Throughout the survey, the HYPACK® data acquisition system received positioning data. The incoming data stream was digitally integrated and stored on the PC's hard drive. Actual SPI/PV, sediment grab samples, and tissue sampling locations were recorded using this system.

For both SPI/PV and sediment grab operations, the vessel was positioned at each station's target coordinates and the gear was deployed within a defined 7.5-meter radius station tolerance. The sampling system was then lowered to the seafloor. Tissue sampling operations were unable to be carried out using the transect trawling method outlined in the Field Sampling Plan (INSPIRE 2023a) due to insufficient cable length aboard the vessel to safely carry out the operation. Therefore, a double van-Veen grab sampler was used to collect tissue samples. At each station, the grab sampler was deployed within a 25-m radius watch circle around the targeted sample location.

When the sampling gear (SPI/PV system or sediment grab samplers) made contact with the seafloor, the field technicians signaled via handheld radio that the sampling gear was on the bottom. The navigator recorded the time and position of the sampling gear

electronically in HYPACK® as well as in the written field log. After all stations were sampled, the navigator exported all recorded positional data into a spreadsheet, including the station name, date, time, depth, and position of every SPI/PV and sediment grab sample collected.

INSPIRE staff confirmed geodetic parameters to be used during the field survey prior to the start of work. These parameters were entered into HYPACK® survey software. All positions recorded in the field and all products used the following geodetic parameters.

Geodetic datum: North American Datum of 1983 (2011)

Projection: State Plane Massachusetts FIPS 2001 (Meters)

Geodetic Parameters in HYPACK®

Grids: UTM-NAD83

Ellipsoid: WGS-84

Zone: Zone 18 (78W-72W)

2.2 Sediment Profile Imaging and Plan View Imaging Survey

The 2023 MBDS SPI/PV survey featured image collection at 22 stations, including ten stations within MBDS (Mounds H and I) and four stations in each of the three reference areas (FG-23, SE-REF, and MBD-REF; Figure 2-1). Stations within MBDS were distributed evenly across two areas: five stations at Mound H and five stations at Mound I (Figure 2-1). SPI/PV target station locations are provided in Table 2-1, and actual SPI/PV station replicate locations are provided in Appendix C. The methodology for data acquisition and analysis for these images was consistent with the sampling methods described in detail in the Project Quality Assurance Project Plan (QAPP) (INSPIRE 2020) and INSPIRE SPI/PV standard operating procedures (SOPs) (INSPIRE 2019).

2.2.1 Sediment Profile Imaging

SPI is a monitoring technique used to provide data on the physical characteristics of the seafloor and the status of the benthic biological community. The sampling technique involves deploying an underwater camera system to photograph a cross section of the sediment–water interface. During the 2023 survey at MBDS, high-resolution SPI images

were acquired using a Nikon® D7100 digital single-lens reflex camera mounted inside an Ocean Imaging® Model 3731 pressure housing system. The pressure housing sat atop a wedge-shaped steel prism with a plexiglass front faceplate and a back mirror. The mirror was mounted at a 45-degree angle to reflect the profile of the sediment–water interface. The camera lens looked down at the mirror, which reflected the image from the faceplate. The prism had an internal strobe mounted inside at the back of the wedge to provide illumination for the image; this chamber was filled with distilled water, so the camera always had an optically clear path. The descent of the prism into the sediment was controlled by a hydraulic piston. As the prism penetrated the seafloor, a trigger activated a time-delay circuit that fired an internal strobe to obtain a cross-sectional image of the upper 15–20 centimeters (cm) of the sediment column (Figure 2-2). The camera remained on the seafloor for approximately 20 seconds to ensure that a successful image had been obtained.

Test exposures of a Color Calibration Target were made on deck at the beginning of the survey to verify that all internal electronic systems consistently met design specifications and to provide a color standard against which final images could be checked to ensure proper color balance. Details of the camera settings for each digital image are available in the associated parameters file embedded in each electronic image file. For this survey, the ISO-equivalent was set at 100, shutter speed was 1/250, f-stop was f5.6, and storage was in compressed raw Nikon Electronic Format (NEF) files (approximately 30 megabytes [MB] each). All camera settings and any setting changes were recorded in the field log.

Each time the camera system was brought onboard, the frame counter was checked to ensure that the requisite number of replicates had been obtained. In addition, a prism penetration depth indicator on the camera frame was checked to verify that the optical prism had penetrated the bottom to a sufficient depth. If images were missed or the penetration depth was insufficient, the camera frame stop collars were adjusted and/or weights were added or removed, and additional replicate images were taken. For this survey, the stop collars were adjusted multiple times during sampling and the weights were kept the same (INSPIRE 2023b). Mud doors were used at every station sampled with SPI/PV imagery to prevent overpenetration of the system (INSPIRE 2023b). Frame counts, time of image acquisition, the height of the stop collars, and the number of weights used were recorded in the field log for each replicate image (INSPIRE 2023b).

Each image was assigned a unique time stamp in the digital file attributes by the camera's data logger and cross-checked with the time stamp in the navigational system's

computer data file. In addition, the field crew kept redundant written sample logs. Images were downloaded periodically to verify successful sample acquisition and/or to assess what type of sediment/depositional layer was present at a particular station.

2.2.2 Plan View Imaging

The PV images provided a much larger field of view than the SPI images and provided valuable information about the landscape ecology and sediment topography in the area where the pinpoint "optical core" of the sediment profile was taken (Figure 2-3). Atypical surface sediment layers, textures, or structures detected in any of the sediment profile images can be interpreted within the larger context of surface sediment features observed in the paired PV images, i.e., is a surface layer or topographic feature a regularly occurring feature and typical of the bottom in this general vicinity or just an isolated anomaly. The scale information provided by the underwater lasers allows for accurate density counts of attached epifaunal colonies, sediment burrow openings, or larger macrofauna or fish which may have been missed in the sediment profile cross section. Information on sediment transport dynamics and bedform wavelength were also available from PV image analysis.

An Ocean Imaging® Model DSC24000 plan view underwater camera system with two Ocean Imaging® Model 400-37 Deep Sea Scaling lasers was attached to the sediment profile camera frame and used to collect plan view images of the seafloor surface. Both SPI and PV images were collected during each "drop" of the system. The PV system consisted of a Nikon® D7200 encased in an aluminum housing, a 24 VDC autonomous power pack, a 500 W strobe, and a bounce trigger. A weight was attached to the bounce trigger with a stainless-steel cable so that the weight hung below the camera frame; the scaling lasers projected two red dots that are separated by a constant distance (26 cm) regardless of the field of view of the PV system. The field of view can be varied by increasing or decreasing the length of the trigger wire and, thereby, the camera height above the bottom when the picture is taken. As the SPI/PV camera system was lowered to the seafloor, the weight attached to the bounce trigger contacted the seafloor prior to the camera frame reaching the seafloor and triggered the PV camera (Figure 2-2).

During set-up and testing of the PV camera, the positions of lasers on the PV camera were checked and calibrated to ensure separation of 26 cm. Test images were also captured to confirm proper camera settings for site conditions. Details of the camera settings for each digital image are available in the associated parameters file embedded in each electronic

image file; for this survey, the ISO-equivalent was set at 500, shutter speed at 1/15, and the f-stop at f13. The additional camera settings used were as follows: white balance set to flash, color mode set to Adobe RGB, sharpening set to none, noise reduction off, and storage in compressed raw NEF files (approximately 30 MB each). Images were checked periodically throughout the survey to confirm that the initial camera settings were still resulting in the highest quality images possible. All camera settings and any setting changes were recorded in the field log.

Prior to field operations, the internal clock in the digital PV system was synchronized with the GPS navigation system and the SPI camera. For each PV image, a time stamp was recorded in the digital file and redundant time notes were made in the field and navigation logs. Throughout the survey, PV images were downloaded at the same time as the SPI images and evaluated to confirm image acquisition and image clarity.

The ability of the PV system to collect usable images was dependent on the clarity of the water column. Water conditions at MBDS allowed use of a 0.9 m trigger wire, resulting in a mean image width of 0.7 m and a mean field of view of 0.4 m^2.

2.2.3 SPI and PV Data Collection

The SPI/PV survey was conducted at MBDS and the reference areas on 06-08 September 2023 onboard the R/V *Atlantic Surveyor*. At least four replicate SPI and PV images were collected at each station. The three replicate images with the best quality (adequate prism penetration, no or minimal sampling artifacts) at each station were selected for analysis (Appendices D and E).

The DGPS described above was interfaced to HYPACK® software via laptop serial ports to provide a method to locate target coordinates and record actual sampling locations. Throughout the survey, the HYPACK® data acquisition system received DGPS data. The incoming data stream was digitally integrated and stored on the PC's hard drive. Actual SPI/PV sampling locations were recorded using this system.

2.2.4 Image Conversion and Calibration

Following completion of field operations, quality control checks were conducted on the field logs, image date/time stamps were verified, and project-specific filenames were generated. After these procedures, the NEF raw image files were color calibrated in Adobe Camera Raw® by synchronizing the raw color profiles to the Color Calibration Target that

was photographed prior to field operations with the SPI camera. The raw SPI and PV images were then converted to high-resolution Photoshop Document (PSD) format files, using a lossless conversion file process and maintaining an Adobe RGB (1998) color profile. The PSD images were then calibrated and analyzed in Adobe Photoshop®. Length and area measurements were recorded as number of pixels and converted to scientific units using the calibration information. Detailed results of all SPI and PV image analyses are presented in Appendices D and E.

2.2.5 SPI and PV Data Analysis

Computer-aided analysis of the resulting images provided a set of standard measurements to allow comparisons between different locations and different surveys. The DAMOS Program has successfully used this technique for over 40 years to map the distribution of disposed dredged material and to monitor benthic recolonization at disposal sites (Germano et al. 2011).

Measured parameters for SPI and PV images were recorded in Microsoft Excel© spreadsheets. These data were subsequently checked by one of INSPIRE's senior scientists as an independent quality assurance/quality control review before final interpretation was performed. Spatial distributions of SPI and PV parameters were mapped using ESRI ArcGIS Pro v3.2. Map backgrounds, unless otherwise indicated in the figure footnote, use ESRI Oceans regional hillshaded model accessed through the ArcGIS Online platform.

2.2.5.1 Sediment Profile Image Analysis Parameters

The parameters discussed below were assessed and/or measured and recorded for each replicate SPI image selected for analysis (Appendix D). Descriptive comments were also recorded for each. Many variables can be seen and annotated in context in SPI images from soft bottom coastal and estuarine environments (Figure 2-4).

Sediment Type – The sediment grain size major mode and range were estimated visually from the images using a grain size comparator at a similar scale. Results were reported using the phi scale. Conversion to other grain size scales is provided in Appendix F. The presence and thickness of disposed dredged material were also assessed as described below.

Penetration Depth – The depth to which the camera penetrated into the seafloor was measured to provide an indication of the sediment density and load bearing capacity. The

penetration depth can range from a minimum of 0 cm (i.e., no penetration on hard substrata) to a maximum of 20 cm (full penetration on very soft substrata).

Surface Boundary Roughness – Surface boundary roughness is a measure of the vertical relief of features at the sediment–water interface in the sediment profile image. Surface boundary roughness was determined by measuring the vertical distance between the highest and lowest points of the sediment–water interface. The surface boundary roughness (sediment surface relief) measured over the width of sediment profile images typically ranges from 0 to 4 cm, and may be related to physical structures (e.g., ripples, rip-up structures, mud clasts) or biogenic features (e.g., burrow openings, fecal mounds, foraging depressions). Biogenic roughness typically changes seasonally and is related to the interaction of bottom turbulence and bioturbation activities.

Apparent Redox Potential Discontinuity (aRPD) Depth – The aRPD depth provides a measure of the integrated time history of the balance between near-surface oxygen conditions and biological reworking of sediments. Sediment particles exposed to oxygenated waters oxidize and lighten in color to brown or light gray. As the particles are buried or moved down by biological activity, they are exposed to reduced oxygen concentrations in subsurface pore waters and their oxic coating slowly reduces, changing color to dark gray or black. When biological activity is high, the aRPD depth increases; when it is low or absent, the aRPD depth decreases. The aRPD depth was measured by assessing color and reflectance boundaries within the images.

Mud Clasts – When fine-grained, cohesive sediments are disturbed, either by physical bottom scour or faunal activity (e.g., decapod foraging), intact clumps of sediment are often scattered across the seafloor. Clasts observed at the sediment–water interface were noted in the dredged material notes.

Dredged Material Layer Depth and Thickness – The depth below the sediment–water interface at which the top of a dredged material layer occurred was measured. Additionally, the thickness of the dredged material layer, from 1 millimeter (mm) to 20 cm (the height of the SPI optical window), was measured. If the layer extended below the depth of prism penetration, it was noted.

Maximum Bioturbation Depth – The depth to which sediments are bioturbated, or the biological mixing depth, can be an important parameter for studying nutrient or contaminant flux, as well as organic enrichment, in sediments. In this study, the maximum linear distance

from the sediment surface to visual evidence of bioturbation (feeding voids, burrows, visible infauna) was measured. The presence of subsurface voids was noted for each SPI replicate.

Sediment Oxygen Demand (SOD) – Represents the overall rate of biological and chemical oxygen consumption in the sediment column. Organic loading results in increased SOD and reduced sediments. The relative amount of organic enrichment is indicated by sediment color; darker coloration indicates more reduced sediments with greater organic loading (Fenchel 1969; Rhoads 1974; Lyle 1983; Bull and Williamson 2001; Sturdivant and Shimizu 2017). SOD levels (i.e., none, low, medium, and high) were qualitatively assessed for all images.

Low Dissolved Oxygen – Images in which dark gray or black reduced sediments were in contact with the water column across the entire length of the sediment–water interface were recorded as having low dissolved oxygen conditions.

Sedimentary Methane – If organic loading is extremely high, porewater sulfate is depleted and methanogenesis occurs. The process of methanogenesis is indicated by the presence of methane bubbles in the sediment column. These gas-filled voids are readily discernable in SPI images because of their irregular, generally circular aspect and glassy texture (due to the reflection of the strobe off the gas bubble). The presence of subsurface methane bubbles was noted.

Thiophilic Bacteria (*Beggiatoa*) – The presence of sulfur-oxidizing bacterial colonies indicates hypoxic dissolved oxygen concentrations in the water column at the benthic boundary-layer (Rosenberg and Diaz 1993; Sturdivant et al. 2012). The presence and extent (e.g., threads, trace, patches, mat) of *Beggiatoa* or *Beggiatoa*-like colonies were noted.

Infaunal Successional Stage – Infaunal successional stage is a measure of the biological community inhabiting the seafloor. Current theory holds that organism–sediment interactions in fine-grained sediments follow a predictable sequence of development after a major disturbance (e.g., dredged material disposal) (Pearson and Rosenberg 1978; Rhoads and Germano 1982; Rhoads and Boyer 1982). This continuum has been divided subjectively into four stages: Stage 0, indicative of a sediment column that is largely devoid of macrofauna, occurs immediately following a physical disturbance or in close proximity to an organic enrichment source; Stage 1 is the initial recolonizing of tiny, densely populated polychaete assemblages; Stage 2 is the start of the transition to head-down deposit feeders; and Stage 3 is the mature, equilibrium community of deep-dwelling, head-down deposit

feeders (Figure 2-5). Successional stage was assigned by assessing the types of species and related activities (e.g., feeding voids) apparent in the images. Biogenic particle mixing depths can be estimated by measuring the maximum and minimum depths of imaged fauna, burrows, or feeding voids in the sediment column.

A successional stage rank variable was applied to each image to evaluate successional stages numerically. A rank value of 3 was assigned to Stage 3, 2 on 3, and 1 on 3 designations, a value of 2 was applied to Stage 2 and 1 on 2, a value of 1 was applied to Stage 1, intermediate ranks were assigned to the transitional assemblages (2.5 for Stage 2 transitioning to Stage 3, and 1.5 for Stage 1 transitioning to Stage 2), and images from which the stage could not be determined were excluded from calculations. The maximum successional stage rank among replicates was used to represent the station value for statistical analysis and mapping.

Maximum station means and ranges for the quantitative SPI parameters were calculated and mapped. Maximum station means, calculated from three replicates per station, were used in statistical analyses.

2.2.5.2 Plan View Image Analysis Parameters

For each replicate PV image selected for analysis, analysts calculated the image size and field of view and the following were recorded: sediment type; oxidation state of the surface sediment; presence and type of bedforms; presence of *Beggiatoa* and estimates of cover extent; dredged material presence; presence and percent cover of burrows, tubes, tracks/trails, presence of debris; types of epifauna and flora; number of fish; and descriptive comments (Appendix E).

2.3 Sediment Grab Sampling

A 0.04 m^2 Ted Young-modified single van Veen grab sampler was used to collect sediment samples for chemical analysis. One sediment grab sample at each target was acquired for analysis. Sediment grab samples were collected as detailed in the DAMOS 2020 QAPP (INSPIRE 2020). A total of nine sediment samples were collected to be analyzed: three grab samples at MBD-REF, three grab samples at Mound H within MBDS, and three grab samples at Mound I within MBDS (Figure 2-1; Appendix G). An equipment blank, method blank, and laboratory control sample were also collected and analyzed for quality control purposes.

During field operations, once the grab sampler was back onboard the survey vessel, field scientists examined the surface of the grab sample for acceptability before opening the bottom doors. The following grab sample criteria had to be met for the grab sample to be accepted:

- The sampler was not over-filled, and the sample was not pressed against the top of the sampler.
- Overlying water was present (indicating minimal leakage).
- The overlying water was not excessively turbid (indicating minimal sample disturbance).
- The sediment surface was relatively flat (indicating minimal disturbance or winnowing).
- The desired penetration depth was achieved (~7 cm of sediment in grab sampler).

Each sediment sample was documented, including pictures and completion of the sediment log form (INSPIRE 2023b). Once logging was complete, sediment was removed from the grab with a stainless-steel spoon from the center of the sample, making an effort to avoid sediment that had been in contact with the sidewalls of the grab sampling device. The sample was transferred into a stainless-steel bowl and homogenized using a stainless-steel mixing spoon. After homogenization, the sediment sample was placed in pre-cleaned laboratory-provided jars specific to each analysis. All samples were labeled, placed in individual zip-lock bags, and stored in a cooler that was packed with ice and stored in a shaded area. Between samples, the grab sampler, spoons, and bowl(s) were thoroughly cleaned with a non-phosphate detergent and then rinsed with seawater as described in the QAPP (INSPIRE 2020).

An equipment blank quality control (QC) sample was collected to confirm the decontamination process for the sediment sampling equipment. High purity deionized water was poured over clean (i.e., decontaminated) sediment collection equipment and was poured into a chemistry container set provided by Alpha Analytical. The sediment samples and the equipment blank sample were stored on ice and held under chain of custody and were picked

up at the INSPIRE Environmental office on 12 September 2023 by Alpha's laboratory courier service.

2.3.1 Sediment Chemistry Data Analysis

Sediment samples were analyzed for the standard RIM bulk chemistry parameters (USEPA/USACE 2004) including metals (arsenic[As], cadmium [Cd], chromium [Cr], copper [Cu], lead [Pb], mercury [Hg], nickel [Ni], and zinc[Zn]), TOC, grain size, pesticides, polycyclic aromatic hydrocarbons (PAHs) (high molecular weight [HMW] and low molecular weight [LMW]), and polychlorinated biphenyls (PCBs: National Oceanic and Atmospheric Administration [NOAA] 18 congeners).

Results were summarized by summing analyte groups within each sample. Total PAHs were calculated as the sum of the 16 PAH compounds analyzed (naphthalene, acenaphthylene, acenaphthene, fluorene, anthracene, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene). Total LMW PAHs is the sum of the six LMW PAH compounds analyzed (acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene). Total HMW PAHs is the sum of the ten HMW PAH compounds analyzed (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene). Total PCBs were estimated as the sum of the 18 NOAA National Status and Trends congeners multiplied by two. Total DDX was calculated as the sum of 4,4' dichlorodiphenyltrichloroethane (DDT), 4,4' dichlorodiphenyldichloroethane (DDD), and 4,4' dichlorodiphenyldichloroethylene (DDE). Total chlordane was estimated as the sum of alpha and gamma chlordane, cis- and trans-nonachlor, and heptachlor. Non-detected compounds were summed using ½ the method detection limit (MDL).

2.4 Tissue Sampling Methods

Infaunal tissue samples from three stations within MBD-REF, MBD-REF 105 (composite of eight grabs), MBD-REF 106 (composite of five grabs), and MBD-REF 108 (composite of six grabs), were collected to be analyzed for RIM analytes (Figure 2-1; Appendix H). The samples were collected using a 0.1 m^2 Ted Young-modified double Van Veen grab sampler deployed from the vessel's A-frame. The target species for collection was *Nephtys incisa*. Multiple deployments of the grab sampler were needed at each station

to collect sufficient tissue volume to meet the minimum laboratory analysis weight requirement of 50 grams (g). Despite numerous attempts, the weight requirement for the target species was not able to be met at any of the stations sampled. Therefore, a composite of other polychaetes and oligochaetes was collected at each station for additional tissue weight. The composited tissue samples still did not yield enough tissue mass to run tests on tissue organics at Station MBD-REF 106.

During field operations, the grab sampler was deployed within the station's target sampling tolerance, a 25-m radius from the target location. Each grab was recovered onto the vessel where the sediment sample was removed, placed on the sieve table, and sorted using a nested sieve system of 1,000-micron (µm) and 500-µm mesh sieves. Organisms were transferred into pre-cleaned 16-ounce (oz) jars, which were filled with seawater collected from the sampling site and aerated by an external battery-powered air stone. The field scientists completed tissue sample logs to record location, species type, composite amount/count, wet weight, and any notable observations (INSPIRE 2023b). All samples were allowed to depurate for at least 24 hours. The seawater was changed on a regular basis throughout the 24-hour depuration period as needed based on the visual appearance of the water (i.e., turbid or murky). Additional site water was collected and stored in clean carboy(s) during field operations for this purpose. Once the samples were depurated, they were transferred into 8-oz jars, labeled, and stored frozen at -20° Celsius .

2.4.1 Chemistry Data Analysis

The tissue analysis consisted of metals, PAHs, pesticides, PCBs, and lipids as described in the RIM (USEPA/USACE 2004) and as outlined in the Field Sampling Plan (FSP) (INSPIRE 2023a). Tissue sample results were summarized by summing analyte groups within each sample using the same methods as the sediment samples (See Section 2.3.1).

2.5 Sediment and Tissue Quality Guidelines

Sediment chemistry results from the 2023 MBDS survey were compared to national sediment quality guidelines (SQGs). These SQGs were derived using a database which compiles data from multiple studies and investigators and contains paired sediment chemistry and bioassay data (Long and Morgan 1991; Long et al. 1995). From this data, the 10^{th} and 50^{th} percentile of the effect values were identified for each chemical of interest (USACE 2021). The two guidance values used for comparative purposes herein, effects

range low (ER-L) and effects range median (ER-M), are intended to delineate three concentration ranges for a specific chemical. The concentrations below the ER-L (10th percentile) represent a minimal effects range, or rare to cause adverse effects. Concentrations above the ER-L but below the ER-M (between 10th and 50th percentile) represent a possible adverse effects range, and concentrations above the ER-M (>50th percentile) represent a probable effects range (USACE 2021; Long et al. 1995).

Tissue chemistry results from the 2023 MBDS survey are compared to the Food and Drug Administration (FDA) screening levels, as outlined in the Inland Testing Manual (ITM) (USEPA/USACE 1998). The FDA levels are based on human-health as well as economic considerations, but do not indicate the potential for environmental impact on the contaminated organisms or the potential for biomagnification. From this dataset it is determined that if tissue concentrations of one or more contaminants are not statistically less than the FDA dredged material is predicted to result in benthic bioaccumulation of contaminants. If tissue concentrations of all contaminants are statistically less than FDA levels or there are no FDA levels for the contaminants the information is insufficient to reach a conclusion and should be compared to reference site sediment. If results are statistically less than reference site sediment it can be assumed that no reasonable risk is present (USEPA/USACE 1998). Tissue from the 2023 MBDS survey was collected only from a reference area (MBD-REF), and therefore results were screened directly against (greater than or less than) the FDA values.

2.6 Data Quality Assurance and Quality Control

Measures were taken both during field data collection and during post-collection analysis for data quality assurance and control in alignment with the project QAPP (INSPIRE 2020). These included but were not limited to:

- Systems were tested prior to and during survey activities to ensure calibration and operation,
- A full backup system (including tools, parts, and electronics) was carried in the field, and
- Image data, sediment grab data, and tissue data collected were time stamped both digitally and in hand-written logs to ensure proper identification and synchronization with navigational data.

2.7 Statistical Analyses on aRPD and Successional Stage

A primary objective of this survey was to assess the status of benthic community recolonization of the sediment at disposal areas relative to reference area conditions. Statistical analyses were conducted to compare SPI parameter values between sampled disposal areas (Mounds H and I) and reference areas (FG-23, MBD-REF, SE-REF). The aRPD depth and successional stage measured in each image are the best indicators of infaunal activity measured by SPI and were, therefore, used in this comparative analysis. Standard boxplots were generated for visual assessment of the central tendency and variation in each of these parameters within each disposal area and each reference area. Tests evaluating the inequivalence between the reference and disposal areas were conducted and described in detail below.

Traditionally, the objective of this study would be addressed using point null hypotheses of the form "There is no difference in benthic conditions between the reference area and the disposal target areas." However, in this instance, an approach using bioequivalence or interval testing was considered to be more informative than the point null hypothesis test of "no difference" (Germano 1999). One reason is that there is always some small difference, and the statistical significance of this difference may or may not be ecologically meaningful. Without an associated power analysis, the results of traditional point null hypothesis testing often provide an inadequate ecological assessment.

In this application of bioequivalence (interval) testing the null hypothesis is chosen as one that presumes the difference is great, i.e., an inequivalence hypothesis (e.g., McBride 1999). This is recognized as a "proof of safety" approach because rejection of this inequivalence null hypothesis requires sufficient proof that the difference is small. The null and alternative hypotheses to be tested were:

$$H_0: \ d \leq -\delta \ \text{ or } \ d \geq \delta \text{ (presumes the difference is great)}$$

$$H_A: \ -\delta < d < \delta \text{ (requires proof that the difference is small)}$$

Where d is the difference between a reference mean and a site mean. If the null hypothesis is rejected, then it can be concluded that the two means are equivalent to one another within $\pm\delta$ units. The size of δ should be determined from historical data and/or best professional judgment to identify a maximum difference that is within background variability/noise and is therefore not ecologically meaningful. The ecological meaningful difference, δ, for MBDS

aRPD depth was determined from the 90/90 upper tolerance limit (the 90% upper confidence limit on the 90th percentile) of MBDS historical reference data (2004, 2007, 2012, and 2015 (Figure 2-6). A δ value of ±1.20 cm for aRPD depth, and previously established δ value of 0.5 for successional stage rank on the 0–3 scale, were used for MBDS.

The test of this interval hypothesis can be broken down into two one-sided tests (TOST) (McBride 1999 and Schuirmann 1987), which are based on the normal distribution, or on Student's *t*-distribution when sample sizes are small and variances must be estimated from the data (the typical case in the majority of environmental monitoring projects). The statistics used to test the interval hypotheses shown here are based on such statistical foundations as the Central Limit Theorem (CLT) and basic statistical properties of random variables. A simplification of the CLT says that the mean of any random variable is normally distributed. Linear combinations of normal random variables are also normal, so a linear function of means is also normally distributed. When a linear function of means is divided by its standard error, the ratio follows a *t*-distribution with degrees of freedom associated with the variance estimate. Hence, the *t*-distribution can be used to construct a confidence interval around any linear function of means.

In this survey, five distinct areas were sampled, three of which were categorized as reference locations (FG-23, MBD-REF, SE-REF) and another two were disposal locations (Mound H and Mound I). The difference equation of interest was the linear contrast of the average of the three reference means minus each disposal area mean, or

$$\hat{d} = \tfrac{1}{3}\,(\text{Mean}_{\text{FG-23}} + \text{Mean}_{\text{MBD-REF}} + \text{Mean}_{\text{SE-REF}}) - (\text{Mean}_{\text{Disposal}}) \qquad \text{[Eq. 1]}$$

where $\text{Mean}_{\text{Disposal}}$ was the mean for one of the disposal areas (Mound H or I).

The three reference areas collectively represented ambient conditions, but if the means were different among these three areas, then pooling them into a single reference group would inflate the variance estimate because it would include the variability between areas, rather than only the variability between stations within each single homogeneous area. The effect of keeping the three reference areas separate had no effect on the reference mean when sample size was equal among these areas, but it ensured that the variance is truly the residual variance within a single population with a constant mean.

The standard error of each difference equation was calculated using Equation 2, where the variance of a sum is the sum of the variances for independent variables, or

$$se(\hat{d}) = \sqrt{\sum_j \left(S_j^2 c_j^2 / n_j \right)} \qquad \text{[Eq. 2]}$$

Where:

$se(\hat{d})$ standard error of the difference equation

$\hat{d}$ observed difference in means between the reference and the disposal area

c_j coefficients for the j means in the difference equation, $\hat{d}$ (i.e., for [Eq. 1] shown above, the coefficients were ⅓ for each of the three reference locations, and -1 for the disposal area

S_j^2 variance for the j^{th} area. If we can assume equal variances, a single pooled residual variance estimate can be substituted for each group, equal to the mean square error from an Analysis of Variance (ANOVA).

n_j number of stations for the j^{th} area

The inequivalence null hypothesis was rejected (and equivalence was concluded) if the confidence interval on the difference of means, $\hat{d}$, was fully contained within the interval [–δ, +δ].

Thus, the decision rule was to reject H_0 if

$$D_L = \hat{d} - t_{\alpha,\upsilon} se(\hat{d}) > -\delta \qquad \text{and} \qquad D_U = \hat{d} + t_{\alpha,\upsilon} se(\hat{d}) < \delta \qquad \text{[Eq. 3]}$$

where:

$t_{\alpha,\upsilon}$ upper (1-α)*100th percentile of a Student's t-distribution with υ degrees of freedom (α = 0.05)

$se(\hat{d})$ standard error of the difference ([Eq. 2])

υ degrees of freedom for the standard error. If a pooled residual variance estimate was used, it was the residual degrees of freedom from an ANOVA on all groups (total number of samples minus the number of groups); if separate variance estimates were

used, degrees of freedom were calculated based on the Welch-Satterthwaite estimation (Satterthwaite 1946).

Validity of the normality and equal variance assumptions was tested using Shapiro-Wilk's test for normality on the area residuals (α=0.05) and Levene's test for equality of variances among the six areas (α =0.05). If normality was not rejected but equality of variances was, then the variance for the difference equation was based on separate variances for each group. If systematic deviations from normality were identified, then a nonparametric bootstrapped interval was used (Appendix I). Bootstrapping is a statistical resampling procedure that uses the sample data to represent the entire population to construct confidence limits around population parameters. Bootstrapping does not make assumptions about the distribution of the data; it assumes only that the sample data are representative of the underlying population, so random sampling is a prerequisite for appropriate application of this method. Bootstrapping procedures entail resampling, with replacement, from the observed sample of size n. Each time the sample is resampled, a summary statistic (e.g., mean or standard deviation) of the bootstrapped sample is computed and stored. After repeating this procedure many times, a summary of the bootstrapped statistics is used to construct the confidence limit.

Table 2-1.

MBDS 2023 Survey Target SPI/PV, Sediment Grab, and Tissue Grab Station Locations

Station ID	Area	Sample Type	Latitude (NAD 1983 2011)	Longitude (NAD 1983 2011)	X (NAD83 2011 State Plane MA meters)	Y (NAD83 2011 State Plane MA meters)
001	Mound H	SPI/PV, Sediment	42.428735	-70.576227	276015.8385	909102.1044
002	Mound H	SPI/PV	42.42923	-70.575815	276049.089	909157.5218
003	Mound H	SPI/PV, Sediment	42.428876	-70.575214	276098.9647	909118.7296
004	Mound H	SPI/PV, Sediment	42.428279	-70.575274	276094.7796	909052.3441
005	Mound H	SPI/PV	42.427935	-70.576104	276026.922	909013.4364
006	Mound I	SPI/PV, Sediment	42.420111	-70.577228	275943.7958	908143.3823
007	Mound I	SPI/PV	42.419409	-70.576768	275982.5204	908065.7978
008	Mound I	SPI/PV, Sediment	42.419565	-70.577818	275895.8854	908082.1963
009	Mound I	SPI/PV	42.419273	-70.57852	275838.5026	908049.1726
010	Mound I	SPI/PV, Sediment	42.420067	-70.57797	275882.8366	908137.8405
101	FG-23 REF	SPI/PV	42.380097	-70.576538	276048.676	903699.5902
102	FG-23 REF	SPI/PV	42.37921	-70.574869	276187.2503	903602.5882
103	FG-23 REF	SPI/PV	42.378352	-70.576732	276034.8185	903505.5861
104	FG-23 REF	SPI/PV	42.377217	-70.575234	276159.5354	903380.8692
105	MBD-REF	SPI/PV, Sediment, Tissue	42.377399	-70.50725	281757.9397	903464.0138
106	MBD-REF	SPI/PV, Sediment, Tissue	42.379985	-70.503339	282076.6607	903755.02
107	MBD-REF	SPI/PV	42.379497	-70.505794	281875.1686	903698.447
108	MBD-REF	SPI/PV, Sediment, Tissue	42.376613	-70.502887	282118.233	903380.8692
109	SE-REF	SPI/PV	42.335123	-70.466882	285139.1541	898807.9152
110	SE-REF	SPI/PV	42.33498	-70.464867	285305.4434	898794.0578
111	SE-REF	SPI/PV	42.333252	-70.466913	285139.1541	898600.0537
112	SE-REF	SPI/PV	42.331613	-70.46509	285291.5859	898419.907

3.0 RESULTS

A comparison of bathymetric depths from acoustic surveys in 2012 (USACE) and 2021 (USEPA) was conducted for the mound area of MBDS. SPI/PV image collection was completed at the dredged material disposal Mounds H and I within MBDS and at three reference areas on 07 September 2023. Sediment grab sampling was conducted at Mounds H and I and the MBD-REF reference area for RIM chemistry analysis on 07 and 08 September 2023. Tissue grab sampling was conducted at the MBD-REF reference area for RIM chemistry analysis on 08 September 2023. All sampling was conducted on board the R/V *Atlantic Surveyor*.

3.1 Acoustic Depth Differencing

The MBDS bathymetry data from the 2021 USEPA survey was compared to the 2012 DAMOS survey data (Figures 1-3 and 1-4). Comparison of bathymetric measurements between survey years serves to document placement of dredged material and any potential changes in elevation associated with sediment compaction or transport.

The bottom elevation from the 2012 survey was subtracted from the 2021 elevation to capture differences in elevation of the seafloor between survey years (Figure 3-1). Seafloor elevation increased between 2012 and 2021 at two discrete areas: Mound H and Mound I. Increased mound elevations at these locations coincided with the records of dredged material placement between the 2012 and 2021 surveys (Table 1-1; Figures 1-4 and 3-1). The area of accumulation (elevation increase) to the north of Mounds G and H was related to the restoration project at the IWS (Figures 1-4 and 3-1; AECOM 2022).

Elevation changes were greatest at Mound I (Figure 3-1), which was formed between the 2012 and 2021 surveys (Figure 1-3). The elevation at Mound I increased approximately 7.5 m at its maximum height, covering an area of approximately 250 × 250 m (Figure 3-1). Mound H was also formed since the 2012 survey (Figure 1-3). The elevation at Mound H increased approximately 7.0 m at its peak and covered an area of approximately 200 × 200 m (Figure 3-1). Mounds A through G experienced some small decreases in elevation since 2012 (approximately 1 m; Figure 3-1).

3.2 Sediment Profile and Plan View Imaging

The objectives of the SPI/PV survey at MBDS were to characterize the physical features of the surface sediments, assess the status of benthic colonization on the selected disposal mounds, and to compare disposal site results with reference area conditions. SPI/PV images were collected at a total of 22 stations: five at each mound area (H and I) and four at each reference area (FG-23, SE-REF and MBD-REF) as shown in Figure 2-1. A summary of key SPI/PV image analysis results for each station is provided in Tables 3-1 through 3-4, and a complete set of image analysis results is provided in Appendices D and E. SPI/PV results for the reference area stations and MBDS stations are discussed below.

3.2.1 Reference Area SPI/PV Stations

A total of twelve SPI/PV stations, four stations at each area, were sampled across the three references areas (FG-23, SE-REF, and MBD-REF) during the September 2023 survey (Tables 3-1 and 3-2; Figure 2-1). Paired SPI and PV image collection occurred at all stations, and three replicate images were analyzed for each station. The data collected within the reference areas are intended to provide representative baseline sediment conditions to compare with disposal site conditions (Mounds H and I).

3.2.1.1 Physical Sediment Characteristics

Sediment grain size major mode at all reference area stations was consistently classified as silt/clay (Table 3-1; Figures 3-2 and 3-3). The fine sediments required the use of mud doors to prevent overpenetration of the SPI camera at all reference area stations sampled, however prism penetration was still generally deep (Table 3-1; Figures 3-3 and 3-4). Station 101 at FG-23 and Station 110 at SE-REF had the lowest recorded penetration of 11.4 cm, and Station 112 at SE-REF had the highest documented penetration of 17.4 cm (Table 3-1). The mean prism penetration across the three reference areas was 12.8 cm (Table 3-1).

Boundary roughness values across the reference areas were generally low, ranging from a station average of 0.6 cm at SE-REF Station 110 to 1.5 cm at MBD-REF Station 106 (Table 3-1; Figures 3-3 and 3-5). The overall mean boundary roughness across the three reference areas was 1.0 cm (Table 3-1; Figure 3-5). At all three reference areas, small-scale boundary roughness variability was mostly attributable to biological processes and features

such as small burrow openings formed as a result of surface and subsurface benthic species activity (Figure 3-3).

3.2.1.2 Biological Conditions and Benthic Recolonization

The biological characteristics of the seafloor observed in SPI and PV were generally similar across the three reference areas. Surficial sediment tracks, trails, burrows, and tubes were observed in PV images from all three reference areas (Table 3-2; Figure 3-6). Epifauna observations were not common in these soft sediment habitats; however, shrimp, snails, and brittle stars were present at a few stations (Table 3-2; Figure 3-7).

The measured aRPD depths at the reference areas were generally consistent across stations (Table 3-2; Figures 3-8 and 3-9). The average aRPD depth across the reference areas was 2.0 cm; a maximum value of 2.8 cm was observed at SE-REF Station 112, and a minimum value of 1.1 cm was observed at FG-23 Station 101 and at SE-REF Station 111 (Table 3-2). No evidence of low dissolved oxygen, methane, or *Beggiatoa* was recorded at any of the reference stations (Appendices D and E).

Evidence of mature, deposit-feeding assemblages (Successional Stage 3) were observed in at least one replicate image at all reference stations, except SE-REF Station 110, where the maximum recorded successional stage was Stage 2->3 (Table 3-2; Figure 3-10). Stage 3 succession was recorded as subsurface feeding voids, large burrows, and/or bioturbation deep in the sediment column, generally from the presence of head-down, deposit-feeding polychaetes (Table 3-2; Figure 3-11). Stage 2 on 3 communities were most frequently observed at all three reference areas, which were characterized by deep burrowing polychaetes and/or subsurface feeding voids concurrent with Stage 2 tubes at the sediment–water interface (Table 3-2; Figure 3-11). The presence of Stage 3 fauna observed in the SPI was noted by features observed in the PV images, including burrow openings (Figure 3-6). Mean station maximum bioturbation depths across the reference areas were generally deep and ranged from 6.3 cm at SE-REF Station 110 to 13.1 cm at SE-REF Station 112, with a combined reference area mean of 9.9 cm (Table 3-2; Figure 3-12).

3.2.2 MBDS Mound H SPI/PV Stations

A total of five SPI/PV stations were sampled at Mound H, a recently active portion of MBDS (Tables 3-3 and 3-4; Figures 1-4 and 2-1). This area received dredged material between July 2018 and July 2019 (Table 1-2; Figure 1-4). SPI/PV imagery collection last

occurred in this area in 2012, prior to any material placement (Carey et al. 2013). Paired SPI and PV image collection occurred at all stations at Mound H, and three replicate images were analyzed for each station.

3.2.2.1 Physical Sediment Characteristics

Evidence of dredged material was observed at all five stations sampled at Mound H (Table 3-3; Figures 3-13 through 3-15). The dredged material signature at Mound H was mostly white clay and organically enriched sediment (Figure 3-16). Subsurface white clay was observed at all SPI stations surveyed at Mound H (Figure 3-16; Appendix D). The dredged material signature at Mound H was generally the same depth beneath the sediment–water interface at all stations, with an average depth of 2.4 cm (Table 3-3; Figures 3-13, 3-15, and 3-16). The dredged material signature was closest to the sediment–water interface at Station 001 (averaging 1.9 cm deep; Figure 3-16B) and deepest at Station 002 (averaging 3.0 cm deep) (Table 3-3). At all stations dredged material appeared to extend below the maximum penetration depth of the SPI prism, therefore dredged material thickness was assumed to be greater than the SPI prism penetration (Table 3-3; Figure 3-14). White clay dredged material deposits were observed at the sediment surface in the PV images at Stations 003 and 004 (Table 3-3; Figure 3-17; Appendix E).

Sediment grain size major mode across Mound H was consistent, with fines and clay visible in SPI and PV images (Table 3-3; Figures 3-2 and 3-18). The fine-grained, generally soft sediments required the use of mud doors to prevent overpenetration of the SPI camera at all Mound H stations sampled. Camera prism penetration depths for stations at Mound H ranged from 9.2 cm at Station 005 to 12.8 cm at Station 004, with a mean prism penetration of 10.9 cm (Table 3-3; Figures 3-4 and 3-18).

Boundary roughness was generally low at all Mound H stations. Station mean boundary roughness values ranged from 0.7 cm at Station 005 to 2.3 cm at Station 001 (Table 3-3; Figures 3-5 and 3-18). Mean boundary roughness across stations at Mound H was 1.3 cm (Table 3-3). In general, boundary roughness was attributable to biological processes and features such as small burrow openings formed as a result of surface and subsurface benthic species activity (Figure 3-18; Appendix D).

3.2.2.2 Biological Conditions and Benthic Recolonization

Surficial tubes and burrows were observed in at least one replicate PV image at all locations sampled and tracks were observed in at least one replicate PV image at four of the five stations sampled at Mound H (Table 3-4). Epifauna (shrimp and brittle stars) were observed at Mound H and were present in PV images at three of the five stations sampled (Table 3-4).

The average aRPD depth at Mound H was 1.3 cm, with little variability across stations, ranging from 0.9 cm at Station 004 to 1.8 cm at Station 002 (Table 3-4; Figures 3-8 and 3-19). No indications of low dissolved oxygen, methane, or *Beggiatoa* were observed at stations at Mound H (Appendices D and E).

At Mound H, evidence of mature, Stage 3 deposit-feeding assemblages was found in the majority of replicate images at all five stations sampled (Table 3-4; Figures 3-10 and 3-20). This evidence included direct observations of deep burrowing polychaetes, presence of subsurface feeding voids, and co-occurrences of these observations with large burrow openings on the sediment surface (Table 3-4; Figure 3-20). The mean maximum depth of bioturbation ranged from 8.7 cm at Station 003 to 11.7 cm at Station 004, with an overall mean maximum bioturbation depth at Mound H of 9.8 cm (Table 3-4; Figures 3-12 and 3-20).

3.2.2.3 Statistical Comparisons

Statistical comparisons of data collected at Mound H with those collected at the reference areas were conducted on two variables: aRPD depth and successional stage rank. Both variables are metrics indicative of the health of the benthic community. Generally, deeper aRPD depths and high infaunal successional stage ranks are indications of a healthy and functioning benthic community. These statistical analyses explored the following hypothesis related to the 2023 survey objectives at Mound H:

- The benthic community at Mound H in 2023 was ecologically dissimilar to the benthic community at the reference areas in 2023, based on aRPD depths and successional stage ranks.

Area mean aRPD depth at Mound H in 2023 was 1.3 cm, which was lower than the 2023 grand mean of reference areas (2.0 cm) (Tables 3-2 and 3-4; Figure 3-21). Mound H

generally had less variability in aRPD depths than the reference areas (standard deviation [SD] of 0.3 and 0.6, respectively). A confidence interval was calculated between Mound H in 2023 and the 2023 reference areas. Residuals for each area were normally distributed (Shapiro-Wilk's test, $p = 0.92$, $\alpha = 0.05$), and Levene's test for equality of variances was not rejected, so parametric estimates with pooled variances were used (Levene's test, $p = 0.20$, $\alpha = 0.05$). The confidence interval for the difference between the mean aRPD depth of the pooled reference areas (2.0 cm) versus Mound H (1.3 cm) was [0.19 to 1.14 cm] (Table 3-5; Figure 3-21), indicating that the mean aRPD depths between Mound H and reference areas were significantly equivalent, were ecologically similar, and were contained in the bounds of the interval [-1.20 to +1.20 cm].

The maximum successional stage rank among replicates was used to represent the station values and used in the statistical comparisons for Mound H (Tables 3-2 and 3-4; see Section 2.7). Shapiro-Wilk's (normality assessment) and Levene's (equality of variances) tests were rejected ($p < 0.001$, $\alpha = 0.05$), as is typical with rank data which is often non-continuous due to the presence of outliers and large variances within disposal areas. The confidence interval for the difference equation between the mean maximum successional stage at Mound H versus the pooled reference areas was constructed using non-parametric bootstrapped estimates with separate variances. The confidence interval for the difference between the mean maximum successional stage rank of the pooled reference areas (2.96 rank) versus Mound H (3.00 rank) was [-0.06, -0.04] and was contained within the interval [-0.5, +0.5] (Table 3-6; Figure 3-22). Therefore, it was concluded that the mean maximum successional stage rank at Mound H was statistically similar to that of the pooled reference areas (Table 3-6; Figure 3-22).

3.2.3 MBDS Mound I SPI/PV Stations

A total of five SPI/PV stations were sampled at Mound I, a recently active portion of MBDS (Tables 3-3 and 3-4; Figure 2-1). This area received dredged material between October 2012 and February 2021 (Table 1-2). SPI/PV imagery collection last occurred in this area in 2012, prior to any material placement (Carey et al. 2013). Paired SPI and PV image collection occurred at all stations, and three replicate images were analyzed for each station.

3.2.3.1 Physical Sediment Characteristics

Evidence of dredged material was observed at all five stations sampled at Mound I (Table 3-3; Figures 3-13 through 3-15). The dredged material signature at Mound I mostly consisted of highly reduced sediment with some replicates containing trace or small clasts of white clay (Figure 3-23; Appendix D). The dredged material signature at Mound I was generally around the same depth beneath the sediment–water interface across stations, averaging 3.3 cm beneath the sediment–water interface (Table 3-3; Figures 3-13, 3-15, and 3-23). Station 009 had the deepest dredged material signature with an average depth of 5.4 cm beneath the sediment–water interface, while Station 006 had dredged material closest to the sediment–water interface, with an average depth of 2.1 cm (Table 3-3; Figures 3-13, 3-15, and 3-23). At all stations dredged material appeared to extend below the maximum penetration depth of the SPI prism, therefore dredged material thickness was assumed to be greater than the SPI prism penetration (Table 3-3; Figure 3-15). White clay and shell hash, also likely to have been deposited as dredged material during a disposal event, were observed at the sediment surface in the PV images at Stations 006, 008, and 010 (Table 3-3; Figure 3-24; Appendix E).

Sediment grain size major mode at Mound I was consistent across stations, with fines and clay visible in SPI and PV images (Table 3-3; Figures 3-2 and 3-25). The fine sediments required the use of mud doors to prevent overpenetration of the SPI camera at all Mound I stations. Camera prism penetration depths for stations at Mound I were generally less than the reference areas (12.8 cm average) and Mound H (10.9 cm average), ranging from a station average of 6.5 cm at Station 006 to 9.2 cm at Station 007 and a mean depth of 8.2 cm across all stations at Mound I (Table 3-3; Figure 3-4).

Boundary roughness ranged from 0.8 cm at Station 008 to 3.2 cm at Station 010 (Table 3-3; Figures 3-5 and 3-25). Mean boundary roughness across all stations at Mound I was 1.8 cm (Table 3-3). In general, boundary roughness was attributable to physical and biological processes and features. Biological processes that contributed to boundary roughness at the sediment–water interface mainly included small burrow openings formed as a result of surface and subsurface benthic species activity (Figure 3-25). Physical processes that contributed to boundary roughness included minor variations of sediment drag-down at the sediment–water interface due to differences in the content of silt and clay in each image (Figure 3-25).

3.2.3.2 Biological Conditions and Benthic Recolonization

Burrows and tubes were observed at all locations sampled at Mound I and tracks were observed in at least one replicate at four of the five stations sampled at Mound I (Table 3-4). Epifauna were observed in the PV images from two of the five stations sampled; brittle stars were observed at Station 008, while bryozoan/hydroids, mussels, sea stars, and shrimp were visible at Station 009 (Table 3-4).

The average aRPD depth at Mound I was 1.8 cm, with little variability across stations, ranging from a station average of 1.5 cm at Stations 006, 007, and 010 to 2.4 cm at Station 009 (Table 3-4; Figures 3-8 and 3-26). No indications of low dissolved oxygen, methane, or *Beggiatoa* were observed at stations at Mound I (Appendices D and E).

At Mound I, evidence of mature, Stage 3 deposit-feeding assemblages was found at all five stations sampled (Table 3-4; Figures 3-10 and 3-27). This evidence included direct observations of burrowing polychaetes, presence of subsurface feeding voids, and/or occurrences of large burrow openings on the sediment surface (Figure 3-27). The mean maximum depth of bioturbation ranged from 5.3 cm at Station 006 to 8.0 cm at Station 008 with an overall mean maximum bioturbation depth at Mound I of 6.9 cm (Table 3-4; Figures 3-12 and 3-27).

3.2.3.3 Statistical Comparisons

Statistical comparisons of data collected at Mound I with those collected at the reference areas were conducted on two variables: aRPD depth and successional stage rank. Both variables are metrics indicative of the health of a benthic community. Generally, deeper aRPD depths and high infaunal successional stage ranks are indications of a healthy and functioning benthic community. These statistical analyses explored the following hypothesis related to the 2023 survey objectives at Mound I:

- The benthic community at Mound I in 2023 was ecologically dissimilar to the benthic community at the reference areas in 2023, based on aRPD depths and successional stage ranks.

Area mean aRPD depth at Mound I in 2023 was 1.8 cm, which was lower than the 2023 grand mean of reference areas (2.0 cm) (Tables 3-2 and 3-4; Figure 3-21). Mound I and the reference areas had similar variability in aRPD depths (SD of 0.5 and 0.6,

respectively). A confidence interval was calculated between Mound I in 2023 and the 2023 reference areas. Residuals for each area were normally distributed (Shapiro-Wilk's test, $p = 0.92$, $\alpha = 0.05$), and Levene's test for equality of variances was not rejected, so parametric estimates with pooled variances were used (Levene's test, $p = 0.20$, $\alpha = 0.05$). The confidence interval for the difference between the mean aRPD depth of the pooled reference areas (2.0 cm) versus Mound H (1.8 cm) was [-0.29 to 0.66 cm] (Table 3-5; Figure 3-21), indicating that the mean aRPD depths between Mound I and reference areas were significantly equivalent, ecologically similar, and contained in the bounds of the interval [-1.20 to +1.20 cm].

The maximum successional stage rank among replicates was used to represent the station values and used in the statistical comparisons for Mound I (Tables 3-2 and 3-4; see Section 2.7). Shapiro-Wilk's (normality assessment) and Levene's (equality of variances) tests were rejected ($p < 0.001$, $\alpha = 0.05$), due to non-continuous nature of rank data often containing outliers and large variances within disposal areas. The confidence interval for the difference equation between the mean maximum successional stage at Mound I versus the pooled reference areas was constructed using non-parametric bootstrapped estimates with separate variances. The confidence interval for the difference between the mean maximum successional stage rank of the pooled reference areas (2.96 rank) versus Mound I (3.00 rank) was [-0.06, -0.04] and was contained within the interval [-0.5, +0.5] (Table 3-6; Figure 3-22). Therefore, it was concluded that the mean maximum successional stage rank at Mound I was statistically similar to that of the pooled reference areas (Table 3-6; Figure 3-22).

3.3 Sediment Sampling

Complete sediment chemistry results are provided in Appendix J. A summary of the sediment chemistry results is presented below.

Sediment grain size was measured for nine stations sampled at Mound H (n=3), Mound I (n=3), and the reference area MBD-REF (n=3) (Table 3-7; Figure 3-28). Stations at Mounds H and I were largely composed of a heterogenous mixture of fines and fine to medium sand, with the exception of Station 001 at Mound H, which contained 80% fine grained material. Reference area stations also contained a mixture of fine grained sediment and sand, however sands observed were mostly medium to coarse grained. Gravel was not detected at Mound H, while Mound I averaged 7% gravel and MBD-REF averaged 4% gravel. Total organic carbon (TOC), solids (%), and moisture (%) were also analyzed (Table 3-7; Figure 3-29). TOC averaged 2.14 at the reference areas and 1.84 at Mounds H and I.

Percent moisture was greater than percent solids at all stations. MBD-REF had the highest percentage moisture, with all three stations sampled containing approximately 63% moisture. A fairly even distribution of percent moisture and solids was observed at Mound H (~52% moisture content at all three stations). All three stations sampled at Mound I contained approximately 60% moisture. Grain size and physical sediment chemistry results can be found in Table 3-7 and Appendix J.

Sediment samples were analyzed for the RIM suite of analytes. Organic compounds and pesticides results were summarized and evaluated for total PAHs, total LMW PAHs, total HMW PAHs, total PCBs, total chlordane, and total DDX (Tables 3-8 and 3-9; Figure 3-30). All analyte concentrations were below the effects range-low (ER-L) at all MBD-REF stations. All analyzed organics and pesticides concentrations at Mound H were also below the ER-L, with the exception of total DDX levels at Station 001, where concentrations slightly exceeded the ER-L. At Mound I, Station 010 total PCBs, total HMW PAHs, and total DDX concentrations exceeded ER-L levels and Station 008 sediment concentrations were detected above the ER-L for total HMW PAHs and total DDX. All other pesticides were non-detect at all stations except for 4,4' DDD, which was detected at Station 001 at Mound H and all three stations at Mound I (Table 3-9). No organic concentrations at either mound approached the ER-M.

Metal concentrations including arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc were evaluated for each sediment sample (Table 3-10; Figure 3-31). Arsenic concentrations were detected above the ER-L at all stations sampled at Mounds H and I, and at one station at the reference area (Station 105). All stations sampled at Mound I were detected above the ER-L for chromium. Additionally, copper and lead were detected at concentrations greater than the ER-L at Stations 008 and 010 at Mound I; nickel was found above the ER-L at Station 010 as well. Nickel concentrations were detected above the ER-L at Station 001, and mercury was found above the ER-L at Station 003 at Mound H. Nickel was also detected at concentrations greater than the ER-L at reference area Station 105. No metal concentrations at either mound approached the ER-M.

3.4 Tissue Chemistry

Tissue samples were collected at three stations at MBD-REF (Figure 2-1). No tissue samples were collected within MBDS. Complete tissue chemistry results are provided in Appendix K. A summary of the tissue chemistry results is presented below.

Tissue samples were also analyzed for the RIM suite of analytes (Tables 3-11 through 3-13). Only Stations 105 and 108 were evaluated for organics, including pesticides, due to low available tissue mass at Station 106 (Tables 3-11 and 3-12). Sufficient tissue mass was available to analyze for metals only at Station 106 (Table 3-13). No organic compounds, including pesticides, or metals were within an order of magnitude of the FDA action levels (USEPA/USACE 1998), where available (Tables 3-11 through 3-13).

The moisture and lipid content was analyzed for each tissue sample (Table 3-13). Moisture content in all three samples was above 80%, while lipids were less than 2% at both Stations 105 and 108 (Station 106 was not evaluated due to low tissue mass).

Table 3-1.

Summary of MBDS Reference Area Sediment Profile and Plan View Imaging Physical Results, September 2023

Location	Station ID	SPI Replicate (n)	Mean Prism Penetration Depth (cm)	Mean Boundary Roughness (cm)	SPI Predominant Sediment Type	SPI Dredged Material Presence	PV Replicate (n)	PV Predominant Sediment Type	PV Dredged Material Presence*
FG-23	101	3	11.4	0.9	Silt/clay	No	2	Sand or finer	No
	102	3	12.1	1.3	Silt/clay	No	1	Sand or finer	No
	103	3	11.6	1.1	Silt/clay	No	2	Sand or finer	No
	104	3	12.2	1.0	Silt/clay	No	3	Sand or finer	No
MBD-REF	105	3	11.8	1.2	Silt/clay	No	1	Sand or finer	No
	106	3	12.1	1.5	Silt/clay	No	2	Sand or finer	No
	107	3	14.3	0.8	Silt/clay	No	2	Sand or finer	No
	108	3	12.6	1.1	Silt/clay	No	2	Sand or finer	No
SE-REF	109	3	13.3	0.8	Silt/clay	No	3	Sand or finer	No
	110	3	11.4	0.6	Silt/clay	No	3	Sand or finer	No
	111	3	13.9	1.2	Silt/clay	No	3	Sand or finer	No
	112	3	17.4	1.0	Silt/clay	No	3	Sand or finer	No
		n = 12							
		Max	17.4	1.5					
		Min	11.4	0.6					
		Mean	12.8	1.0					
		SD	1.7	0.2					

*Dredged material was not present in SPI or PV images at the reference area; therefore, no dredged material-related results were included in this table.

Table 3-2.

Summary of MBDS Reference Area Sediment Profile and Plan View Imaging Biological Results, September 2023

Location	Station ID	SPI Replicate (n)	Mean aRPD Depth (cm)	Mean Maximum Bioturbation Depth (cm)	Sediment Oxygen Demand	Feeding Void Presence	Successional Stage (by replicate)[1,2]			PV Replicate (n)	Predominant Burrow Abundance	Predominant Track Abundance	Predominant Tube Abundance	Epifauna Present
FG-23	101	3	1.1	10.5	Medium	Yes	2 on 3	2 on 3	2 on 3	2	Present (10-25%)	Present (10-25%)	Present (10-25%)	Brittle Star
	102	3	1.7	8.2	Medium	Yes	2	2 on 3	2 on 3	1	Present (10-25%)	Sparse (<10%)	None	None
	103	3	1.9	8.4	Medium	Yes	2	2 -> 3	2 on 3	2	Present (10-25%)	Abundant (25-75%)	Sparse (<10%)	None
	104	3	2.4	8.7	Medium	Yes	2 on 3	2 on 3	2 on 3	3	Varies	Varies	Sparse (<10%)	None
MBD-REF	105	3	2.0	9.9	Medium	Yes	2 on 3	2 on 3	2 on 3	1	Sparse (<10%)	Present (10-25%)	Present (10-25%)	None
	106	3	1.7	10.0	Medium	Yes	2 on 3	2 on 3	2 on 3	2	Sparse (<10%)	Varies	Varies	Shrimp
	107	3	2.4	12.8	Low	Yes	2 on 3	2 on 3	2 on 3	2	Varies	Varies	Sparse (<10%)	None
	108	3	2.7	10.6	Medium	Yes	2 on 3	2 on 3	2 on 3	2	Varies	Present (10-25%)	Present (10-25%)	None
SE-REF	109	3	1.7	9.2	Medium	Yes	2	2 on 3	2 on 3	3	Sparse (<10%)	Varies	Present (10-25%)	Shrimp
	110	3	2.3	6.3	Medium	No	2	2	2 -> 3	3	Present (10-25%)	Present (10-25%)	Abundant (25-75%)	None
	111	3	1.1	11.2	Medium	Yes	2 on 3	2 on 3	2 on 3	3	Sparse (<10%)	Present (10-25%)	Abundant (25-75%)	None
	112	3	2.8	13.1	Low	Yes	2 on 3	2 on 3	2 on 3	3	Sparse (<10%)	Sparse (<10%)	Abundant (25-75%)	Shrimp, Snail
		n = 12												
		Max	2.8	13.1										
		Min	1.1	6.3										
		Mean	2.0	9.9										
		SD	0.6	1.9										

1 Successional Stage: "on" indicates one Stage is found on top of another Stage (i.e., 1 on 3); "->" indicates one Stage is progressing to another Stage (i.e., 2 -> 3).
2 Variable determined from combined SPI/PV analysis.

Table 3-3.

Summary of MBDS Mound H and Mound I Sediment Profile and Plan View Imaging Physical Results, September 2023

Location	Station ID	SPI Replicate (n)	Mean Prism Penetration Depth (cm)	Mean Boundary Roughness (cm)	SPI Predominant Sediment Type	SPI Dredged Material Presence	Mean Dredged Material Thickness (cm)	Dredged Material > Penetration	Buried Dredged Material Presence	Mean Dredged Material Depth (cm)	PV Replicate (n)	PV Predominant Sediment Type	PV Dredged Material Presence
Mound H	001	3	11.5	2.3	Silt/clay	Yes	9.6	Yes	Yes	1.9	1	Sand or finer	No
	002	3	10.8	1.1	Silt/clay	Yes	7.8	Yes	Yes	3.0	2	Sand or finer	No
	003	3	10.4	1.3	Silt/clay	Yes	8.1	Yes	Yes	2.3	2	Sand or finer	Yes
	004	3	12.8	1.1	Silt/clay	Yes	10.6	Yes	Yes	2.2	3	Sand or finer	Yes
	005	3	9.2	0.7	Silt/clay	Yes	6.7	Yes	Yes	2.5	3	Sand or finer	No
		n = 5											
		Max	12.8	2.3			10.6			3.0			
		Min	9.2	0.7			6.7			1.9			
		Mean	10.9	1.3			8.6			2.4			
		SD	1.3	0.6			1.5			0.4			
Mound I	006	3	6.5	1.5	Silt/clay	Yes	4.4	Yes	Yes	2.1	3	Sand or finer	Yes
	007	3	9.2	1.3	Silt/clay	Yes	6.5	Yes	Yes	2.7	2	Sand or finer	No
	008	3	8.8	0.8	Silt/clay	Yes	4.8	Yes	Yes	3.8	3	Sand or finer	Yes
	009	3	8.6	2.3	Silt/clay	Yes	2.2	Yes	Yes	5.4	2	Sand or finer	No
	010	3	7.8	3.2	Silt/clay	Yes	5.1	Yes	Yes	2.7	2	Sand or finer	Yes
		n = 5											
		Max	9.2	3.2			6.5			5.4			
		Min	6.5	0.8			2.2			2.1			
		Mean	8.2	1.8			4.6			3.3			
		SD	1.1	0.9			1.6			1.3			

IND=Indeterminate
N/A=Not Applicable

Table 3-4.

Summary of MBDS Mound H and Mound I Sediment Profile and Plan View Imaging Biological Results, September 2023

Location	Station ID	SPI Replicate (n)	Mean aRPD Depth (cm)	Mean Maximum Bioturbation Depth (cm)	Sediment Oxygen Demand	Feeding Void Presence	Successional Stage (by replicate)[1,2]			PV Replicate (n)	Predominant Burrow Abundance	Predominant Track Abundance	Predominant Tube Abundance	Epifauna Present
Mound H	001	3	1.2	10.8	Medium	Yes	2 on 3	2 on 3	2 on 3	1	Sparse (<10%)	None	Sparse (<10%)	Brittle Star
	002	3	1.8	9.0	Medium	Yes	2 on 3	2 on 3	2 on 3	2	Sparse (<10%)	Varies	Abundant (25-75%)	None
	003	3	1.4	8.7	Medium	Yes	2	2	2 on 3	2	Varies	Present (10-25%)	Present (10-25%)	Brittle Stars
	004	3	0.9	11.7	Medium	Yes	2 on 3	2 on 3	2 on 3	3	Present (10-25%)	Present (10-25%)	Present (10-25%)	Shrimp
	005	3	1.3	8.9	Medium	Yes	2 on 3	2 on 3	2 on 3	3	Sparse (<10%)	Varies	Abundant (25-75%)	None
		n = 5												
		Max	1.8	11.7										
		Min	0.9	8.7										
		Mean	1.3	9.8										
		SD	0.3	1.3										
Mound I	006	3	1.5	5.3	Medium	Yes	2	2 on 3	2 on 3	3	Sparse (<10%)	Present (10-25%)	Present (10-25%)	None
	007	3	1.5	7.4	Medium	Yes	2	2 -> 3	2 on 3	2	Dense (>75%)	None	Varies	None
	008	3	2.1	8.0	Medium	Yes	2 -> 3	2 on 3	2 on 3	3	Dense (>75%)	Sparse (<10%)	Abundant (25-75%)	Brittle Stars
	009	3	2.4	7.1	Medium	Yes	2 -> 3	2 on 3	2 on 3	2	Dense (>75%)	Sparse (<10%)	Abundant (25-75%)	Bryozoan/Hydroids, Mussels, Sea Stars, Shrimp
	010	3	1.5	6.7	Medium	Yes	2 on 3	2 on 3	2 on 3	2	Present (10-25%)	Sparse (<10%)	Present (10-25%)	None
		n = 5												
		Max	2.4	8.0										
		Min	1.5	5.3										
		Mean	1.8	6.9										
		SD	0.5	1.0										

1 Successional Stage: "on" indicates one Stage is found on top of another Stage (i.e., 1 on 3); "->" indicates one Stage is progressing to another Stage (i.e., 2 -> 3).
2 Variable determined from combined SPI/PV analysis.

Table 3-5.

Summary Statistics and Results of Inequivalence Hypothesis Testing for aRPD Values

Difference Equation	Observed Difference ($\hat{d}$)	se $\hat{d}$	*df* for se	Confidence Bounds (D_L to D_U)[1]	Results[2]	n (REF)	n (Mound)
$Mean_{REF} - Mean_{MoundH}$	0.66	0.27	15	0.19 to 1.14	s	12	5
$Mean_{REF} - Mean_{MoundI}$	0.18	0.27	15	-0.29 to 0.66	s	12	5

1 D_L and D_U as defined in [Eq. 3]
2 s = Reject the null hypothesis of inequivalence: the two group means are significantly equivalent, within ± 1.2 cm.
d = Fail to reject the null hypothesis of inequivalence between the two group means, the two group means are different.

Table 3-6.

Summary Statistics and Results of Inequivalence Hypothesis Testing for Successional Stage Values

Difference Equation	Observed Difference ($\hat{d}$)	se $\hat{d}$	Number of Bootstrap Replicates	Confidence Bounds (D_L to D_U)[1]	Results[2]	n (REF)	n (Mound)
$Mean_{REF} - Mean_{MoundH}$	-0.04	0.04	1000	-0.06 to -0.04	s	12	5
$Mean_{REF} - Mean_{MoundI}$	-0.04	0.04	1000	-0.06 to -0.04	s	12	5

1 D_L and D_U as defined in [Eq. 3]

2 s = Reject the null hypothesis of inequivalence: the two group means are significantly equivalent, within ± 0.5.
d = Fail to reject the null hypothesis of inequivalence between the two group means, the two group means are different.

Table 3-7.

Analytical Grain Size Distributions in Sediment Samples

Location	Station ID	Total Fines (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Average Total Organic Carbon (%)	Moisture (%)	Solids (%)
Reference Stations									
MBD-REF	105	32	11	29	24	4	2.16	63.1	36.9
	106	38	8	25	24	5	2.13	63.6	36.4
	108	36	14	29	19	2	2.14	62.9	37.1
	Average	35	11	28	22	4	2.14	63.2	36.8
	Minimum	32	8	25	19	2	2.13	62.9	36.4
	Maximum	38	14	29	24	5	2.16	63.6	37.1
MBDS Stations									
Mound H	001	80	11	9.0	0.0	0	0.97	52.3	47.7
	003	39	24	28	9.0	0	1.33	52.1	47.9
	004	36	26	28	10	0	1.45	52.8	47.2
	Average	51.7	20.3	21.7	6.3	0	1.25	52.4	47.6
	Minimum	36.0	11.0	9.0	0.0	0	0.97	52.1	47.2
	Maximum	80.0	26.0	28.0	10	0	1.45	52.8	47.9
Mound I	006	26	16	29	23	6.0	2.54	59.9	40.1
	008	32	21	28	14	5.0	2.44	59.8	40.2
	010	27	17	28	17	11	2.33	60.2	39.8
	Average	28.3	18	28.3	18	7.3	2.44	60.0	40.0
	Minimum	26.0	16	28.0	14	5.0	2.33	59.8	39.8
	Maximum	32.0	21	29.0	23	11	2.54	60.2	40.2

Table 3-8.

Summary of Organic Compound Concentrations in Sediment Samples

		Summed Analyte Group (microgram/kilogram [µg/kg] Dry Weight)[1]			
Location	**Station ID**	**Total PAHs[2]**	**Total LMW PAHs[3]**	**Total HMW PAHs[4]**	**Total PCBs[5]**
	ER-L	**4,022**	**552**	**1,700**	**22.7**
	ER-M	**44,792**	**3,160**	**9,600**	**180.0**
		Reference Stations			
MBD-REF	105	933.0	127.9	805.1	7.20
	106	1,041	146.2	894.8	7.91
	108	770.1	108.6	661.5	5.63
	Average	914.7	127.6	787.1	6.91
	Minimum	770.1	108.6	661.5	5.63
	Maximum	1,041	146.2	894.8	7.91
	Standard Deviation	136.4	18.80	117.7	1.17
	Mean % Detected	100	100	100	46.3
		MBDS Stations			
Mound H	001	711.6	119.3	592.3	6.43
	003	1,643	281.9	1,361	20.2
	004	1,324	210.0	1,114	12.5
	Average	1,226	203.8	1,023	13.0
	Minimum	711.6	119.3	592.3	6.4
	Maximum	1,643	281.9	1,361	20.2
	Standard Deviation	473.5	81.5	392.6	6.9
	Mean % Detected	100	100	100	64.81
Mound I	006	1,860	297.5	1,562	9.43
	008	2,752	390.6	**2,361**	20.7
	010	2,667	366.4	**2,300**	**25.6**
	Average	2,427	351.5	2,075	18.57
	Minimum	1,860	297.5	1,563	9.43
	Maximum	2,752	390.6	2,362	25.55
	Standard Deviation	492.3	48.3	444.7	8.28
	Mean % Detected	100	100	100	64.81

ER-L = Effects range low; ER-M = Effects range median

Values in bold show concentration exceeds ER-L screening value.

Values in bold highlight show concentration exceeds ER-M screening value.

1 Non-detect compounds were summed using ½ the MDL.

2 Total PAHs is the sum of the 16 PAH compounds analyzed (acenaphthylene, acenaphthene, fluorene, anthracene, phenanthrene, fluoranthene, pyrene, naphthalene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene).

3 Total LMW PAHs is the sum of the six LMW PAH compounds analyzed (acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene).

4 Total HMW PAHs is the sum of the ten HMW PAH compounds analyzed (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene.

5 Total PCBs is the sum of the NOAA 18 congeners multiplied by 2.

Table 3-9.

Results of Detected Pesticides Concentrations in Sediment Samples

		Pesticides (µg/kg Dry Weight)[1]		
Location	**Station ID**	**4,4'-DDD**	**Total Chlordane[2]**	**Total DDX[3]**
	ER-L	**2**	**0.5**	**1.58**
	ER-M	**20**	**6.0**	**46.1**
		Reference Stations		
MBD-REF	105	0.014 U	0.18	0.04
	106	0.013 U	0.17	0.04
	108	0.013 U	0.17	0.04
	Average	0.013	0.17	0.04
	Minimum	0.013	0.17	0.04
	Maximum	0.014	0.18	0.04
	Standard Deviation	0.0003	0.003	0.001
	Mean % Detected	0	0	0
		MBDS Stations		
Mound H	001	1.64	0.13	**1.66**
	003	0.010 U	0.13	0.03
	004	0.011 U	0.14	0.03
	Average	0.55	0.13	0.57
	Minimum	0.01	0.13	0.03
	Maximum	1.64	0.14	**1.66**
	Standard Deviation	0.94	0.003	0.94
	Mean % Detected	33.33	0	11.11
Mound I	006	1.52	0.16	1.54
	008	**4.65**	0.16	**4.67**
	010	**6.41**	0.16	**6.43**
	Average	4.19	0.16	4.22
	Minimum	1.52	0.16	1.54
	Maximum	**6.41**	0.16	**6.43**
	Standard Deviation	2.48	0.002	2.48
	Mean % Detected	100	0	33.33

The following pesticides were not included in the summary table as there were no detections in any of the sediment samples: 4,4' DDE, 4,4' DDT, aldrin, alpha-BHC, beta-BHC, cis-chlordane, cis-nonachlor, delta-BHC, dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, endrin, gamma-BHC, heptachlor, heptachlor epoxide, hexachlorobenzene, methoxychlor, oxychlordane, toxaphene, trans-chlordane, trans-nonachlor.

Totals for DDX and Chlordane have been included; using the non-detect summarization method described below in footnote[1].

ER-L = Effects range low; ER-M = Effects range median

U = Non-detect

Values in bold show concentration exceeds ER-L screening value.

Values in bold highlight show concentration exceeds ER-M screening value.

1 Non-detect compounds were summed using ½ the MDL. ½ MDL results are listed in the table.

2 Total Chlordane is the sum of the five isomers (i.e., cis-chlordane (alpha), trans-chlordane (gamma), cis-nonachlor, trans-nonachlor, and heptachlor).

3 Total DDX is the sum of 4,4'-DDD, 4,4'-DDE, and 4,4'DDT. Only 4,4-DDD had detectable levels.

Table 3-10.
Results of Metal Concentrations in Sediment Samples

Location	Station ID	Metals (mg/kg Dry Weight)							
		Arsenic	**Cadmium**	**Chromium**	**Copper**	**Lead**	**Mercury**	**Nickel**	**Zinc**
ER-L		**8.20**	**1.20**	**81.0**	**34.0**	**46.7**	**0.15**	**20.9**	**150**
ER-M		**70.0**	**9.60**	**370**	**270**	**218**	**0.71**	**51.6**	**410**
Reference Stations									
MBD-REF	105	**12.3**	0.13	57.6	17.4	38.4	0.14	**24.5**	69.6
	106	3.94	0.04 J	20.7	5.93	11.9	0.05	8.44	24.0
	108	5.72	0.05 J	30.5	8.65	18.3	0.08	12.6	34.6
	Average	7.32	0.07	36.3	10.7	22.9	0.09	15.2	42.7
	Minimum	3.94	0.04	20.7	5.93	11.9	0.05	8.44	24.0
	Maximum	**12.3**	0.13	57.6	17.4	38.4	0.14	**24.5**	69.6
	Standard Deviation	4.40	0.05	19.1	5.99	13.8	0.04	8.34	23.9
	% Detected	100	100	100	100	100	100	100	100
MBDS Stations									
Mound H	001	**11.7**	0.09	42.4	23.7	20.7	0.06	**24.9**	59.2
	003	**8.39**	0.13	39.5	18.1	21.5	**0.20**	18.0	48.0
	004	**9.73**	0.12	41.9	18.6	24.9	0.09	18.2	52.2
	Average	**9.94**	0.11	41.3	20.1	22.4	0.12	20.4	53.1
	Minimum	**8.39**	0.09	39.5	18.1	20.7	0.06	18.0	48.0
	Maximum	**11.70**	0.13	42.4	23.7	24.9	**0.20**	**24.9**	59.2
	Standard Deviation	1.66	0.02	1.6	3.10	2.2	0.07	3.93	5.7
	Mean % Detected	100	100	100	100	100	100	100	100
Mound I	006	**10.3**	0.32	**108**	27.5	45.5	**0.18**	20.6	62.8
	008	**8.67**	0.57	**222**	**38.8**	**69.0**	**0.30**	19.7	69.1
	010	**10.3**	0.70	**267**	**39.3**	**69.7**	**0.30**	**23.1**	76.6
	Average	**9.76**	0.53	**199.0**	**35.2**	**61.4**	**0.26**	21.1	69.5
	Minimum	**8.67**	0.32	**108.0**	27.5	45.5	**0.18**	19.7	62.8
	Maximum	**10.30**	0.70	**267.0**	**39.3**	**69.7**	**0.30**	**23.1**	76.6
	Standard Deviation		0.94	0.19	82.0	6.67	13.8	0.07	1.76
	% Detected	100	100	100	100	100	100	100	100

ER-L = Effects range low; ER-M = Effects range median
J = Estimated
Values in bold show concentration exceeds ER-L screening value.
Values in bold highlight show concentration exceeds ER-M screening value.

Table 3-11.

Summary of Tissue Organic Compound Results

		Summed Analyte Group (µg/kg Wet Weight)[1]					
Location	**Station ID**	**Total PAHs[2]**	**Total LMW PAHs[3]**	**Total HMW PAHs[4]**	**Total PCBs[5]**	**Total Chlordane[6]**	**Total DDX[7]**
FDA Action Level		-	-	-	2,000	300	5,000
Reference Stations							
MBD-REF	105	23.1	7.1	16.1	5.1	0.123	0.0274
	108	26.1	7.8	18.3	7.3	0.122	0.0269
	Average	24.6	7.5	17.1	6.2	0.122	0.0271
	Minimum	23.1	7.1	16.0	5.1	0.122	0.0269
	Maximum	26.1	7.8	18.3	7.3	0.123	0.0274
	Standard Deviation	2.11	0.55	1.56	1.6	0.001	0.0003
	Mean % Detected	28.1	33	25.0	11	0	0

FDA = Food & Drug Administration action levels

1 Non-detect compounds were summed using ½ the MDL.

2 Total PAHs is the sum of the 16 PAH compounds analyzed (acenaphthylene, acenaphthene, fluorene, anthracene, phenanthrene, fluoranthene, pyrene, naphthalene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene).

3 Total LMW PAHs is the sum of the six LMW PAH compounds analyzed (acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene).

4 Total HMW PAHs is the sum of the ten HMW PAH compounds analyzed (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene.

5 Total PCBs is the sum of the NOAA 18 congeners multiplied by 2.

6 Total Chlordane is the sum of the five isomers (i.e., cis-chlordane (alpha), trans-chlordane (gamma), cis-nonachlor, trans-nonachlor, and heptachlor).

7 Total DDX is the sum of 4,4'-DDD, 4,4'-DDE, and 4,4'DDT.

Table 3-12.

Results of Metals Concentrations in Tissue Samples

		Metals (mg/kg Wet Weight)[1]							
Location	**Station ID**	**Arsenic**	**Cadmium**	**Chromium**	**Copper**	**Lead**	**Mercury**	**Nickel**	**Zinc**
FDA Action Level		**-**	**-**	**-**	**-**	-	1.0	-	-
Reference Stations									
MBD-REF	105	6.3	0.081 J	1.9	2.0	22.9	0.004 U	1.4	21.3
	106	4.2	0.060 J	0.83	1.1	3.15	0.009 J	1.6	16.4
	108	4.6	0.062 J	1.0	2.6	19.9	0.010 J	0.94	14.3
	Average	5.0	0.068	1.3	1.9	15.3	0.010	1.3	17.3
	Minimum	4.2	0.060	0.83	1.1	3.15	0.004	0.94	14.3
	Maximum	6.3	0.081	1.9	2.6	22.9	0.010	1.6	21.3
	Standard Deviation	1.1	0.012	0.60	0.72	10.6	0.003	0.33	3.59
	% Detected	100	100	100	100	100	67	100	100

FDA = Food & Drug Administration action levels
U = Non-detect
J = Estimated
1 Non-detect compounds were summed using ½ the MDL. ½ MDL results are listed in the table.

Table 3-13.

Results of Physical Parameters Measured in Tissue Samples

Location	Station ID	Moisture (%)	Lipids (%)
	Reference Stations		
MBD-REF	105	81.3	1.2
	106	83.9	-
	108	84.9	1.3
	Average	83.4	1.2
	Minimum	81.3	1.2
	Maximum	84.9	1.3

"-" indicates analyte was not calculated for the sample.

4.0 DISCUSSION

The objectives of the 2023 monitoring effort were to conduct a confirmatory survey to assess benthic recolonization status (community recovery of the bottom-dwelling animals) and to evaluate the physical characteristics of surficial sediments over the recently active mounds within MBDS (Mounds H and I) and at the three reference areas (MBD-REF, SE-REF, and FG-23).

A focused sediment grab and tissue sampling investigation was also conducted to assess the sediment chemistry of the MBDS site and MBD-REF, and to assess the tissue chemistry of infaunal organisms at MBD-REF.

4.1 Distribution of Dredged Material

Although an acoustic survey was not conducted as part of the 2023 survey at MBDS, the USEPA acoustic survey carried out in 2021 over the mound area of MBDS was presented within this report to display recent topographic features, dredged material placement locations, and depth difference information since the 2012 DAMOS Program Survey. No new material was placed at Mounds H or I since the 2021 USEPA acoustic survey occurred (Figures 1-4 and 3-1; USEPA 2022). The elevation difference comparison between the 2021 and 2012 bathymetric datasets displayed three circular topographic features (Mounds H, I, and J) that increased in elevation over that time period (Figure 3-1). The areas of increased elevation across the MBDS site coincided with the location of recent (since 2012) dredged material placement events (Figure 4-1). SPI/PV images collected at both Mounds H and I confirmed the placement of dredged material at these locations (Figures 3-13 through 3-17, 3-23, and 3-24).

The footprint of Mound H is relatively compact, circular in shape and approximately 250 m in diameter with an elevation increase of approximately 7 m at its highest point measured between the 2021 and 2012 data sets (Figure 3-1). An apparent apron of material around the consolidated mound was visible in the elevation change data at Mound I. This apron was oblong in shape and extended eastward approximately 100 m and resulted in an elevation increase of approximately 1 m above the ambient seafloor (Figure 3-1). The shape and location of this elevation change at Mound I, eastward of the consolidated placement events suggest it could be related to the speed of the scows transiting during material release

activities. Mound I resulted in an elevation difference greater than Mound H, increasing approximately 7.5 m since 2012 at its highest point (Figure 3-1).

The ambient sediments at MBDS are primarily fine grained, with the majority of sediments being silty sand (USEPA/USACE 2009). The SPI/PV images taken from the reference sites confirm this, with the predominant sediment type in those images documenting a phi size of 4 or greater (silt/clay; Table 3-1; Figures 3-2 and 3-3, Appendix F). Grain size analysis results from sediment grabs at MBD-REF indicated the predominant grain size was fines (Table 3-7).

At Mounds H and I, fine grained sediments were still ubiquitous in the SPI images (Figure 3-2; Table 3-3), but the visual signature of the sediment was unique from the ambient sediments imaged at the reference stations. At Mound H, white clay was observed, at times as a discrete layer, as compact clasts within the sediment column, and as clasts at the sediment surface (Figures 3-2, 3-16, 3-17, 3-18, 3-19, and 3-20). The clay imaged at Mound H is likely "Boston Blue Clay", and its prevalence in the SPI/PV images captured at the mound is likely due to the fact that all the material deposited at Mound H between 2018 and 2021 originated from the Boston Harbor Improvement Dredging Project (Connors 1993; USEPA/USACE 2009; Table 1-2; Figure 4-2).

The dredged material signature at Mound I consisted mostly of highly reduced sediment with some trace, reworked clay also observed (Figures 3-2 and 3-23 through 3-27) but clasts were rare in the SPI images (Figure 4-3). The greater range of types of dredged materials documented at Mound I is likely due to the variety of projects from which the dredged material originated (ten projects between November 2012 and February 2021; Table 1-2).

There was no evidence in the data collected in 2023 of any additional sedimentation at the mound area of MBDS from placement activity at the IWS Restoration Area. The thickness of newly accumulated sediment over the dredged material was minimal and similar at both Mounds H (2.4 cm) and I (3.3 cm) SPI stations (Table 3-3; Figure 3-13). If additional sedimentation had occurred from the IWS Restoration effort, it would be expected that Mound H, due to its proximity to the IWS Restoration Area, would have increased evidence of sedimentation compared to the more distant Mound I (Figure 3-1). In addition, results of the elevation change model indicate that there was no discernable elevation change above/below the +/- 0.5 m error blanking range in the areas between the southeastern portion

of the IWS Restoration Area and Mound H (Figure 3-1). A SPI survey could be conducted in this area to determine if any small scale (<0.5 m), surficial transport has occurred within this area.

In general, analytical grain size data provided higher fine-scale resolution than the SPI grain size major mode metric. Laboratory analysis of sediment grabs revealed that, similar to the SPI grain size results, fine-grained sediments were predominant in the sediment grab results at the MBD-REF reference area, Mound H, and Mound I (Table 3-7). All stations sampled for analytical grain size at all three areas were a heterogeneous mix of fines, fine sands, medium sands, and coarse sands, except at Station 001 at Mound H where fines made up more than 80% of the sample (Table 3-7). The percentage of TOC was highest at Mound I stations, a result likely related to the origin of the material placed at Mound I (Tables 1-2 and 3-7). Material placed at Mound I was mostly from harbor/maintenance dredging projects that are typically higher in fines and in TOC compared to the material (Boston Blue Clay) from the Boston Harbor improvement project that was placed at Mound H which is typically low in TOC (Tables 1-2 and 3-7).

4.2 Benthic Recolonization and Community Composition

In 2023, SPI/PV imaging was used to assess the recolonization status of benthic organisms and to characterize surficial sediments at Mounds H and I of MBDS.

Conventionally, the DAMOS Program uses biological indicators relevant to soft sediment environments (aRPD depth and successional stage) to assess the recovery of the benthic habitat after dredged material is placed at disposal sites (Germano et al. 2011). The prevalence of fine-grained sediments deposited at Mounds H and I (Figure 4-2) allowed for relatively deep prism penetration depths (a mean of 10.9 cm at Mound H and 8.2 cm at Mound I; Table 3-3). Greater prism penetration depths allow for particular diagnostic features, such as feeding voids that can occur deep in the sediment column and are indicative of advanced benthic communities, to be documented, in turn allowing for greater accuracy in successional stage determinations at both disposal mounds. At both Mound H and Mound I there were several lines of evidence derived from SPI/PV imagery suggesting benthic recovery had progressed as expected following the last dredged material disposal event at each mound (July 2019 at Mound H and February 2021 at Mound I; Table 1-2). SPI/PV imagery revealed the presence of relatively deep bioturbation activity and successional stage classifications equivalent to the reference areas (Figures 3-10, 3-11, 3-12, 3-20, 3-22, and 3-27).

Evaluation of biological recovery can also be assessed using aRPD depth (Section 2.2.5.1). At both Mounds H and I, the mean aRPD depths were statistically equivalent to the aRPD depths found at the reference areas in 2023, although the mean aRPD depths at Mound H were shallower than at Mound I (Tables 3-2, 3-4, and 3-5; Figures 3-8, 3-9, 3-21, and 3-26). These results, coupled with the advanced successional stages at both Mound H and Mound I, suggest that benthic recovery at both mounds is proceeding as expected following disturbance from dredged material placement.

Lower aRPD depths at Mound H compared to Mound I were unexpected, as the benthic community at Mound H had approximately 1.5 years of additional time to recover from the last recorded disposal event at the mound compared to Mound I (Table 1-2). It is also possible that the aRPD depth is lagging at Mound H because approximately 80,000 m^3 more dredged material was placed there in comparison to Mound I since the last SPI/PV survey at Mounds H and I in 2012 (Table 1-2). Additionally, it may be that the benthic community requires more time to rework the Boston Blue Clay that was placed at Mound H due to the known highly compact and consolidated nature of this material, and lower TOC concentrations, creating a lag in benthic recovery relative to Mound I.

4.3 Sediment and Tissue Chemistry

Sediment chemistry results showed concentrations of organics, pesticides, and metals above the ER-L at one or more stations at Mound I (Tables 3-8 through 3-10; Figures 3-30 and 3-31). Conversely, at Mound H most analytes were below ER-L levels, although ER-L levels were exceeded for total DDX and nickel at one station and for arsenic at all three stations (Tables 3-8 through 3-10; Figures 3-30 and 3-31). Similar to TOC concentrations, the difference in concentrations of organics, pesticides, and metals between Mound H and Mound I are likely related to the origin of the material placed at each mound. Material from maintenance dredging projects, while suitable for open water disposal, is generally higher in contaminants in comparison to improvement dredging material which originates from deeper reaches of the sediment column and is less exposed to anthropogenic impacts (Tables 1-2 and 3-8 through 3-10). Comparatively, only one station (Station 105) at MBD-REF had concentrations of arsenic and nickel above the ER-L, with no other metals, organics, or pesticides above the ER-L at any station in MBD-REF (Tables 3-8 through 3-10; Figures 3-30 and 3-31). Tissue chemistry results at MBD-REF did not reveal any elevated concentrations of organics, pesticides, or metals within an order of magnitude of the FDA Action Level Guidelines (Tables 3-11 and 3-12). However, concentrations for all analyzed

metals were detected in all three tissue samples, whereas PAHs, PCBs, and pesticides were not-detected for most of the constituents that were analyzed (Appendix K).

The concentrations of organics, pesticides, and metals found in the sediment chemistry results at Mound I are not likely influencing the benthic recolonization process as the metrics used to assess benthic community health and recovery at the mound display a benthic community similar to those observed at the reference areas at MBDS (Figures 3-10, 3-11, 3-22, and 3-27).

5.0 CONCLUSIONS AND RECOMMENDATIONS

The September 2023 SPI/PV, sediment chemistry, and tissue chemistry surveys were conducted to support characterization of surficial sediments and benthic habitat conditions in the mound area of MBDS. The most recent acoustic survey of the mound area, conducted in 2021 by USEPA, was also used as a dataset. The surveys assessed changes in the study area since the last survey in 2012. The 2023 SPI/PV, sediment chemistry, and tissue chemistry and 2021 acoustic surveys resulted in the following observations:

- Dredged material placed at Mounds H and I since the 2012 survey resulted in elevation increases at both mounds. Mound I's elevation increased approximately 7.5 m and the increase in elevation covered an area of approximately 250 × 250 m. Mound H experienced an elevation change of approximately 7.0 m and covered an area of approximately 200 × 200 m.

- The benthic communities at both Mound H and Mound I recovered consistent with the expected recovery paradigm. Both mounds were statistically ecologically equivalent (successional stage and aRPD depth) to reference stations, confirming recovery at the mounds.

- Sediment chemistry results were generally below the ER-L at Mound H for organics (including pesticides) and metals. Station 001 at Mound H was above ER-L for total DDX, and nickel. Station 003 at Mound H was above the ER-L for mercury. All three stations at Mound H were above the ER-L for arsenic.

- Sediment chemistry results at Mound I showed generally higher concentrations of organics (including pesticides) and metals than at Mound H and the reference area, MBD-REF. At least one station at Mound I was above the ER-L for total DDX, total PCB, total HMW PAHs, copper, nickel, and lead. All three stations sampled at Mound I were above the ER-L for arsenic, chromium, and mercury.

- Tissue chemistry results at MBD-REF did not show any concentrations of organics (including pesticides) or metals at or near the FDA action levels.

The results of the 2023 survey led to the following recommendations:

R1: Targeted dredged material placement can continue at the mound area within MBDS; potentially focused at the newly formed Mound J.

R2: Paired acoustic and SPI/PV monitoring should be conducted after any future placement activity to continue to monitor the stability and benthic recolonization of the mounds.

R3: Sediment and tissue chemistry data at active portions of MBDS should be collected periodically and should be compared to harbor characterization/pre-placement chemical analysis data to ensure that chemical concentrations are at or near expected levels post-placement.

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MONITORING SURVEY AT THE MASSACHUSETTS BAY DISPOSAL SITE SEPTEMBER 2023

FIGURES

CONTRIBUTION #218

April 2025

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PWS4

Funded and Managed by:
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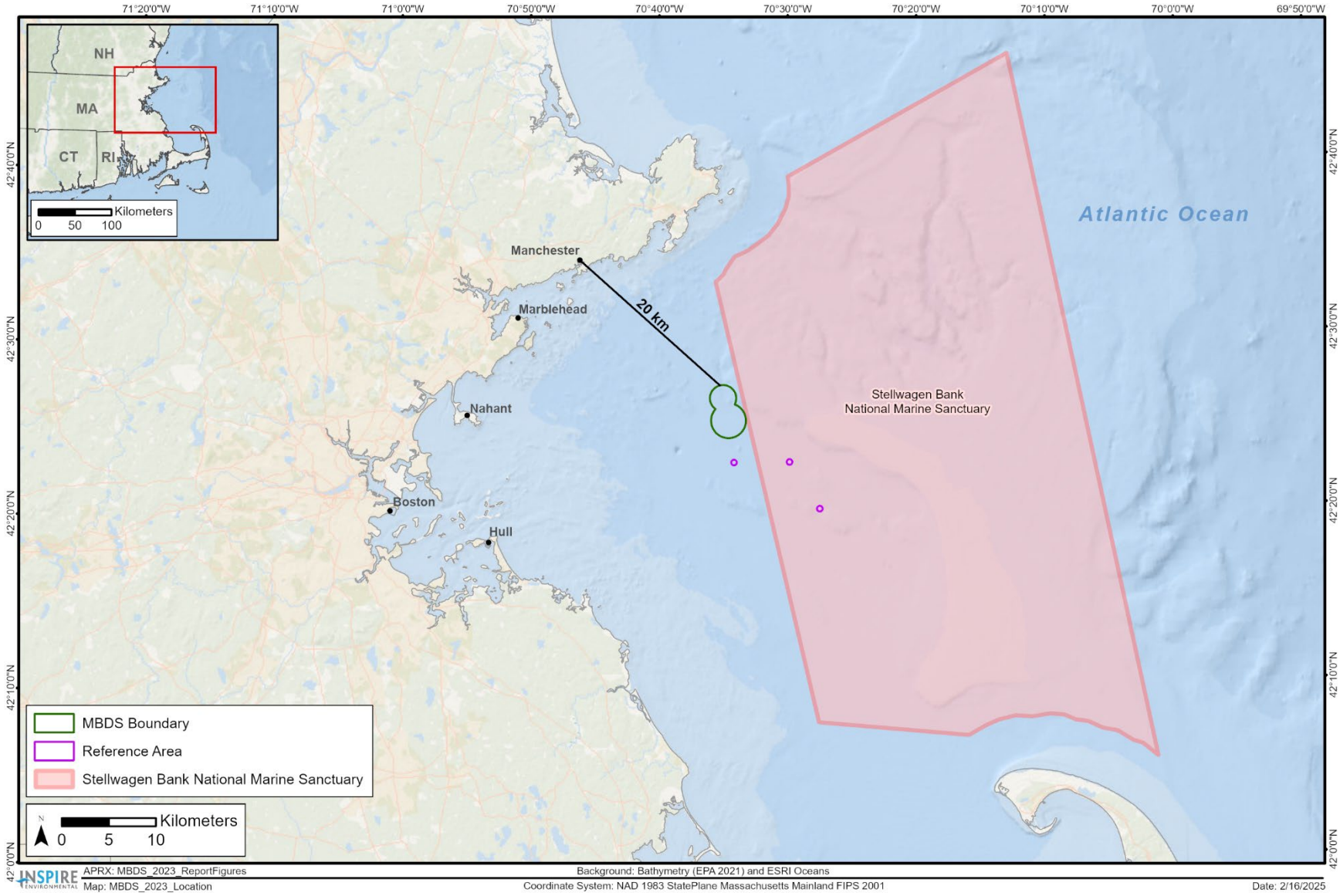


Figure 1-1. Location of the Massachusetts Bay Disposal Site (MBDS)

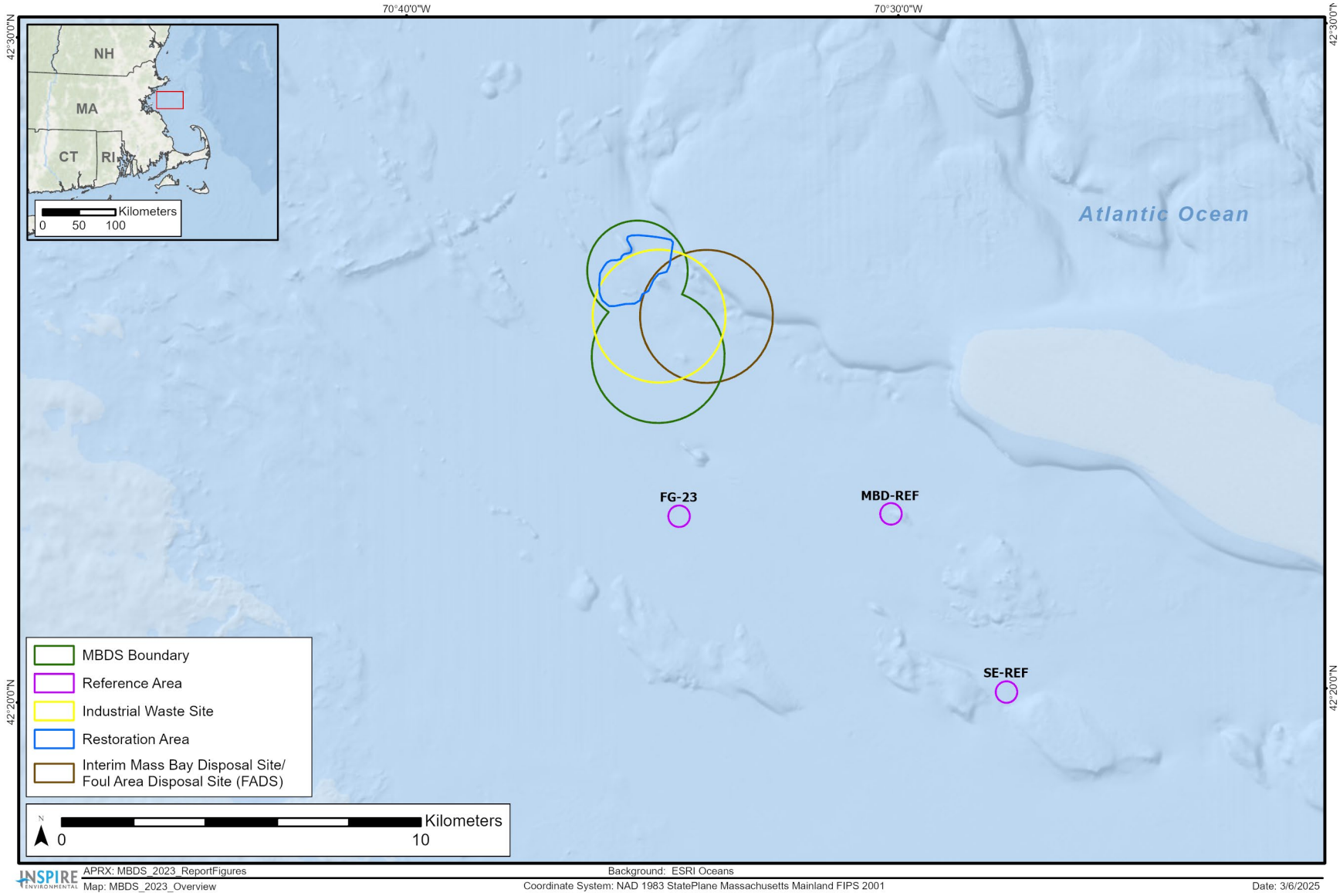


Figure 1-2. Overview of MBDS 2023 survey and reference areas

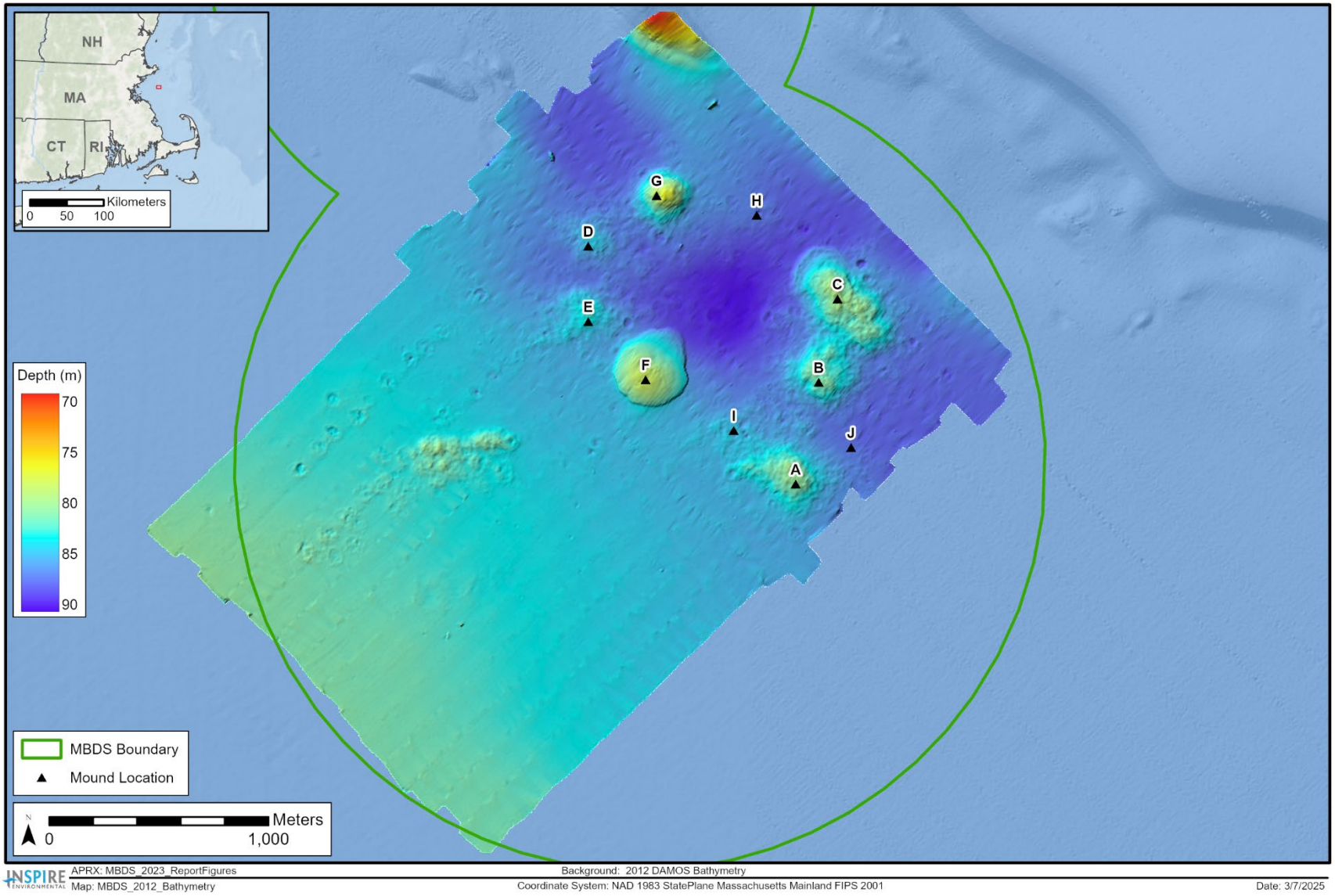


Figure 1-3. Bathymetric depth data over acoustic relief model at MBDS – 2012

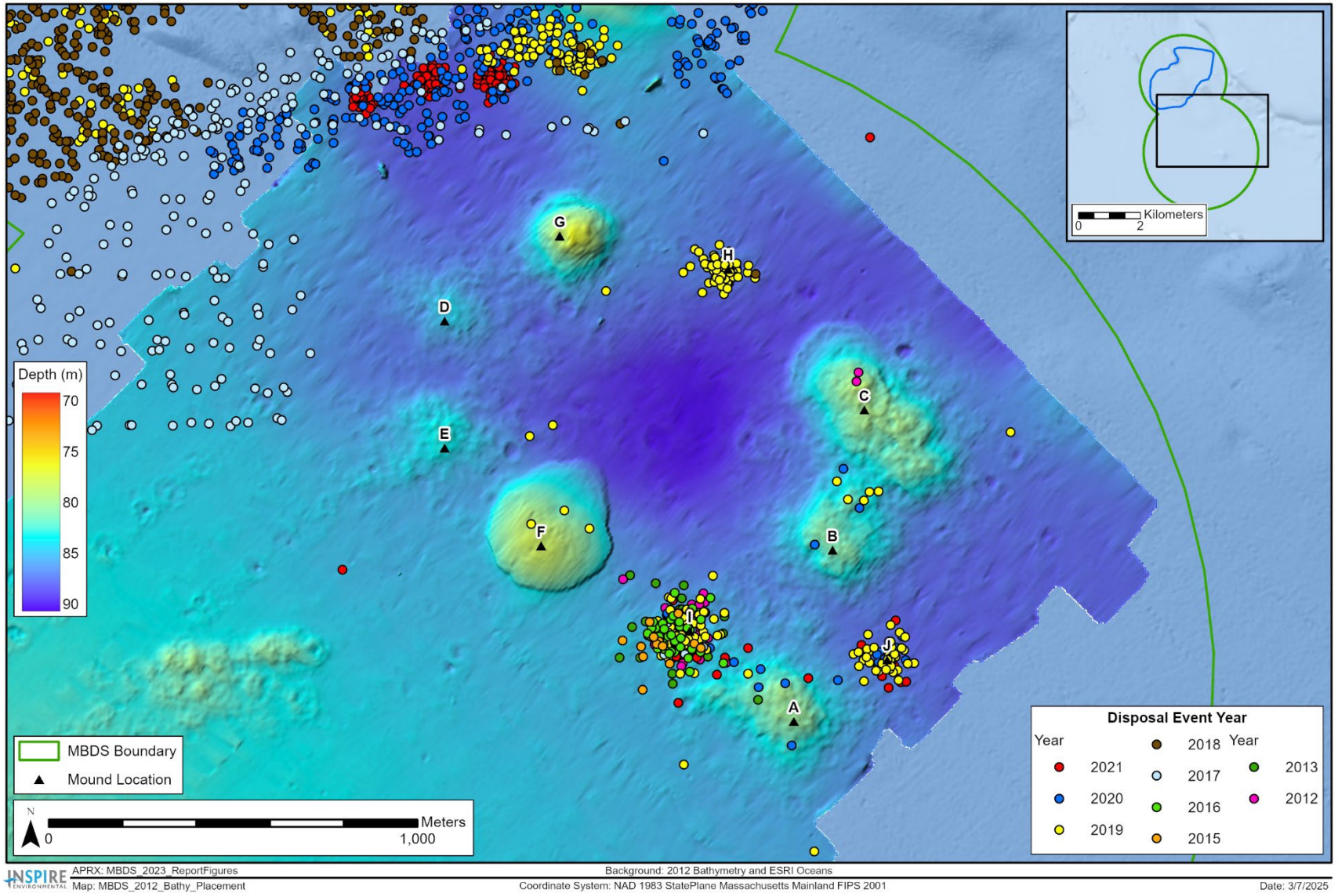


Figure 1-4. MBDS recent dredged material disposal locations for the period of 2012 to 2021

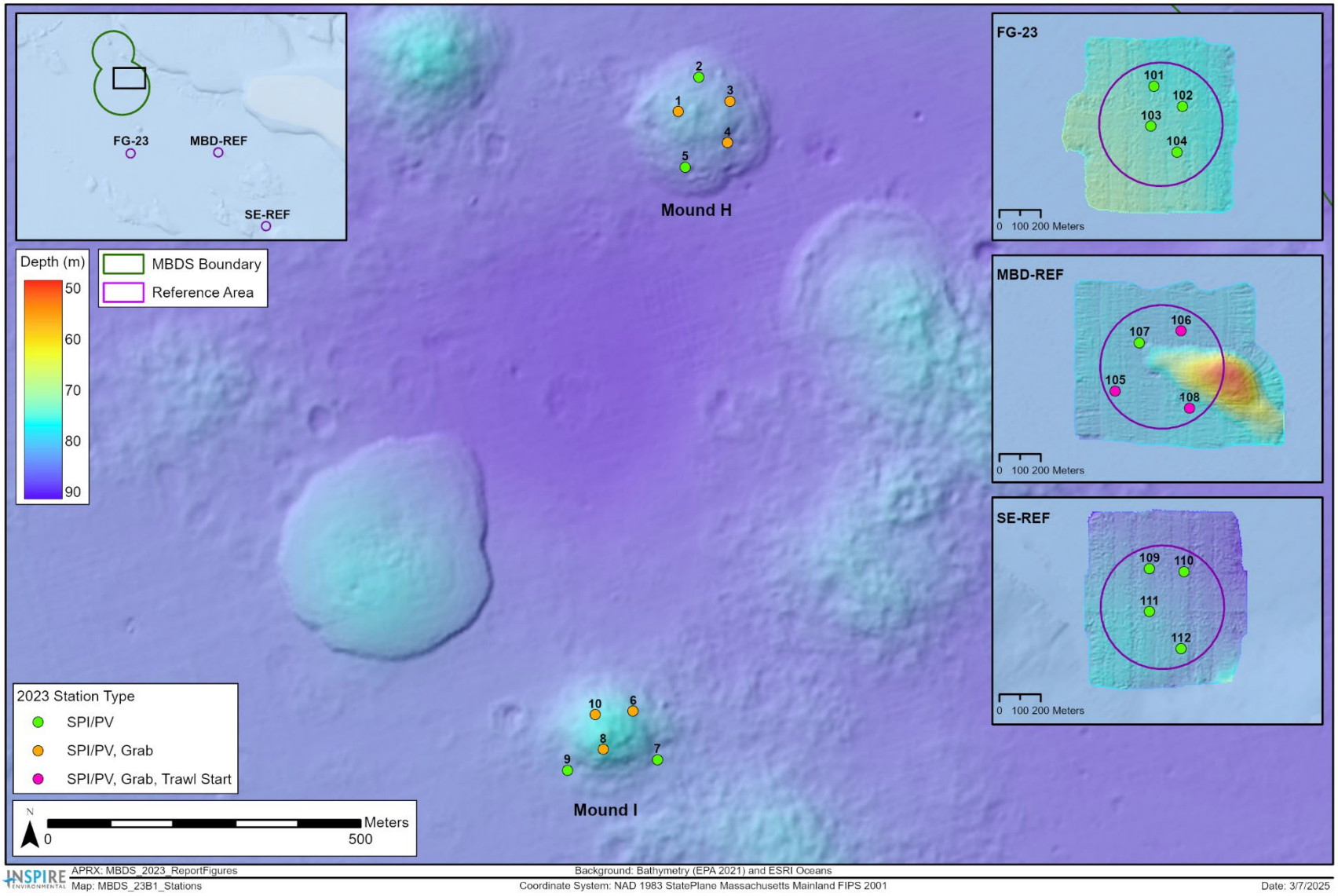


Figure 2-1. Station locations sampled with Sediment Profile and Plan View Imaging (SPI/PV), sediment grabs, and tissue grabs at MBDS and reference areas

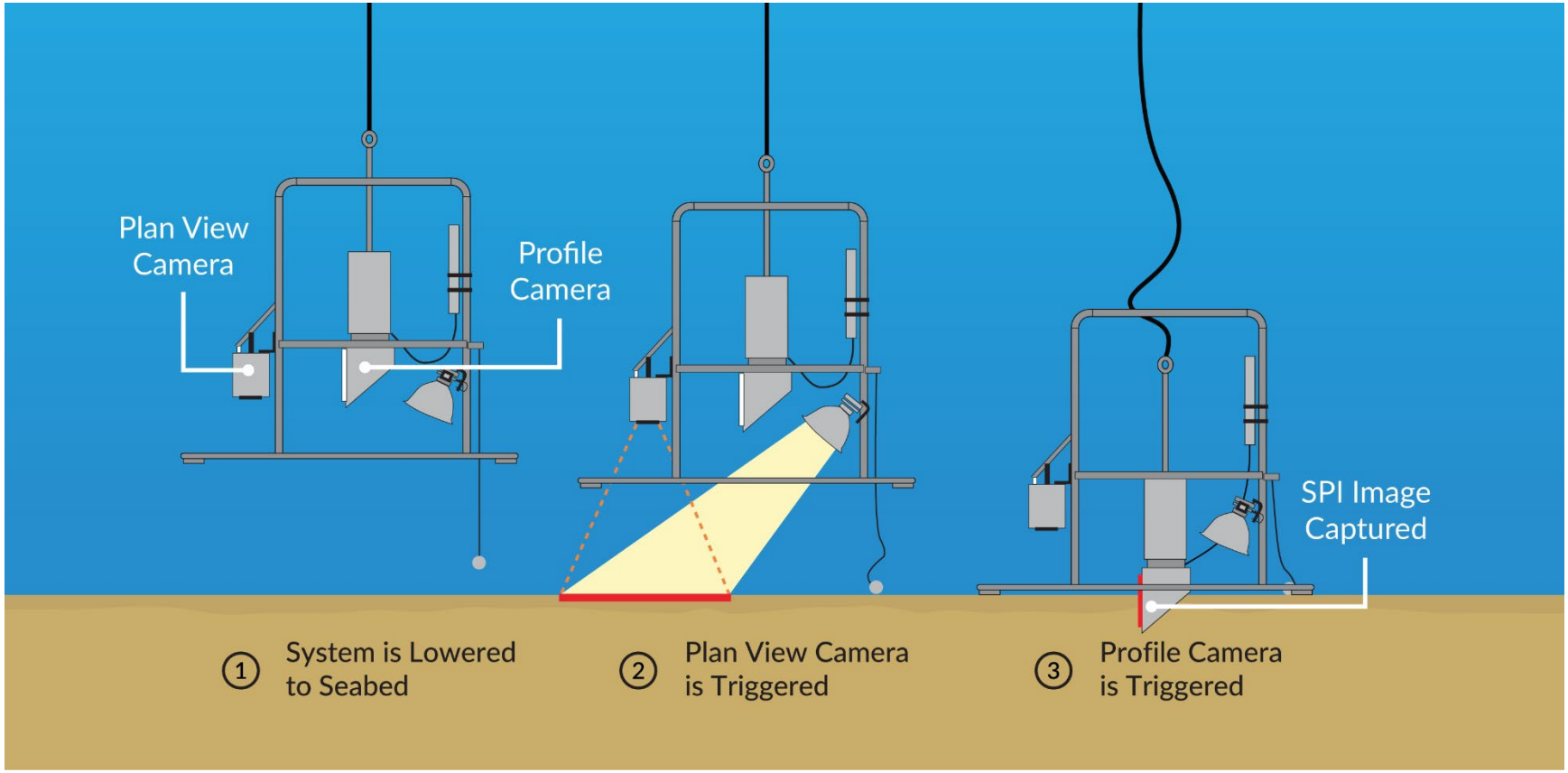


Figure 2-2. Schematic diagram of the operation of the sediment profile and plan view camera imaging system

Figure 2-3. This representative plan view image shows the sampling relationship between plan view and sediment profile images. Note: plan view images differ between surveys and stations and the area covered by each plan view image may vary slightly between images and stations.

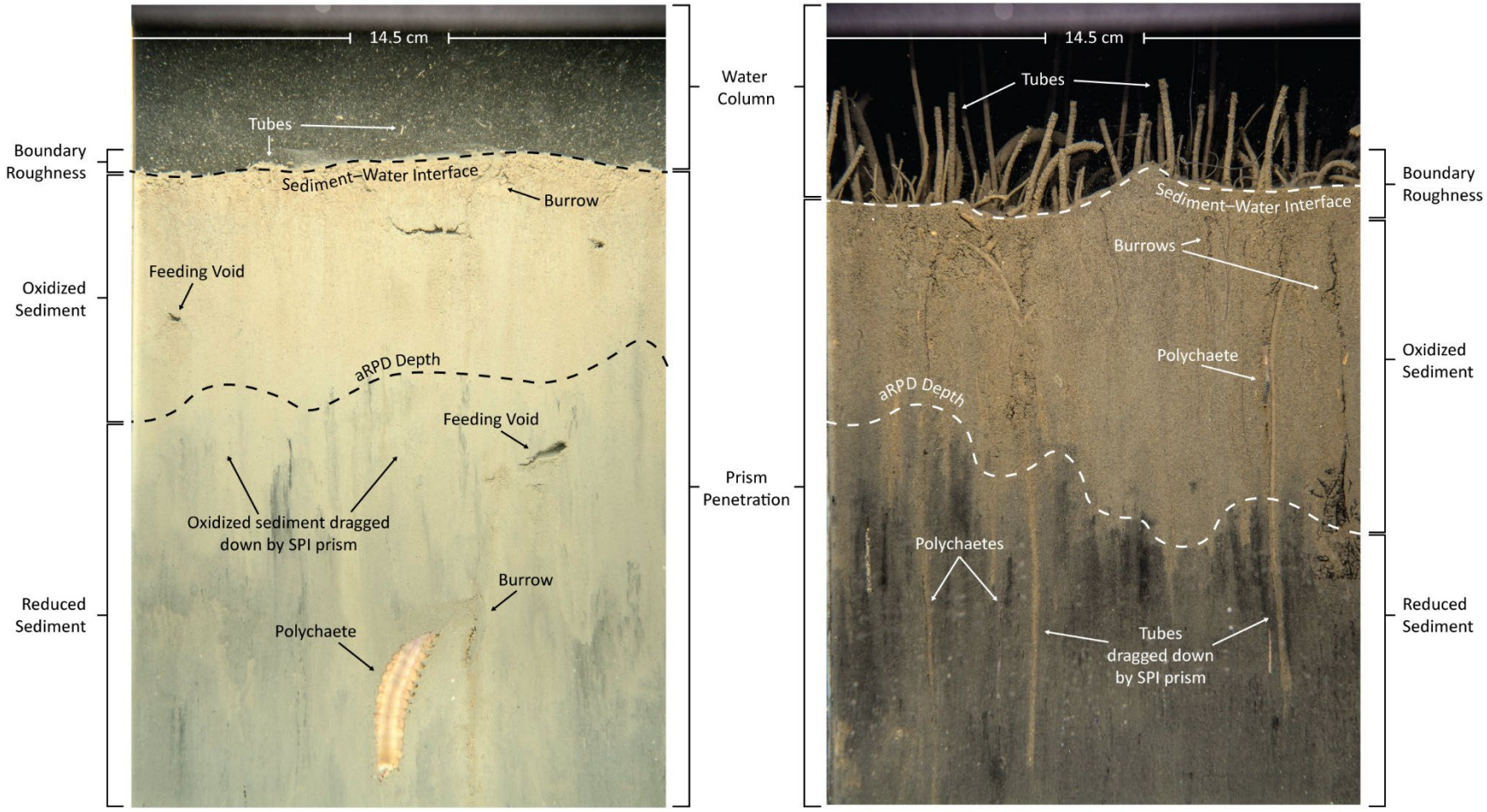


Figure 2-4. SPI images from soft bottom coastal and estuarine environments annotated with many standard variables derived from SPI images. The water column, depth of prism penetration, boundary roughness of the sediment–water interface, and zones of oxidized and reduced sediment are denoted with brackets. The apparent redox potential discontinuity (aRPD), the boundary between oxidized and reduced sediments, is marked with a dashed line. Infauna and related structures (tubes, burrows, feeding voids) are noted with arrows.

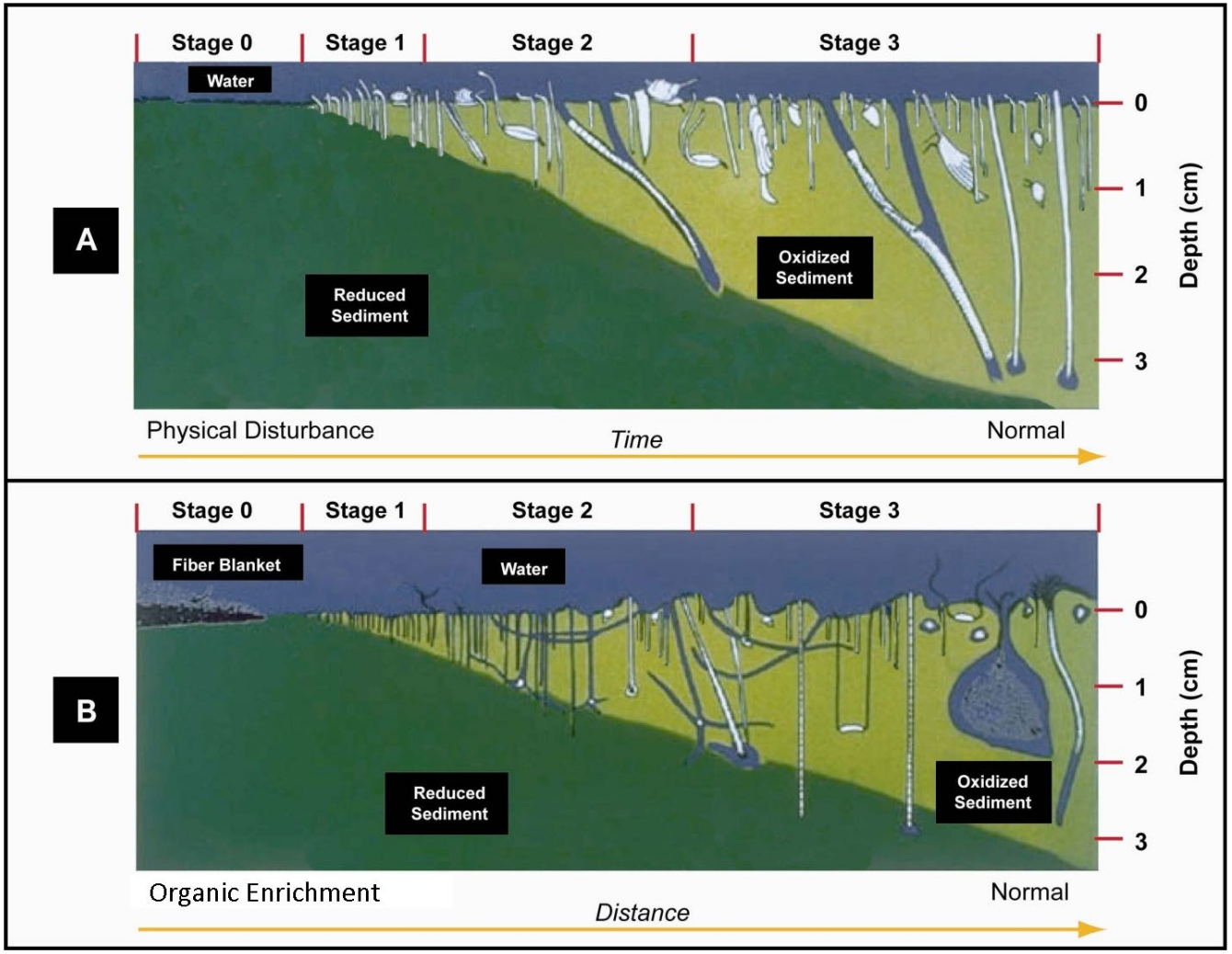


Figure 2-5. The stages of infaunal succession as a response of soft bottom benthic communities to (A) physical disturbance or (B) organic enrichment; from Rhoads and Germano (1982)

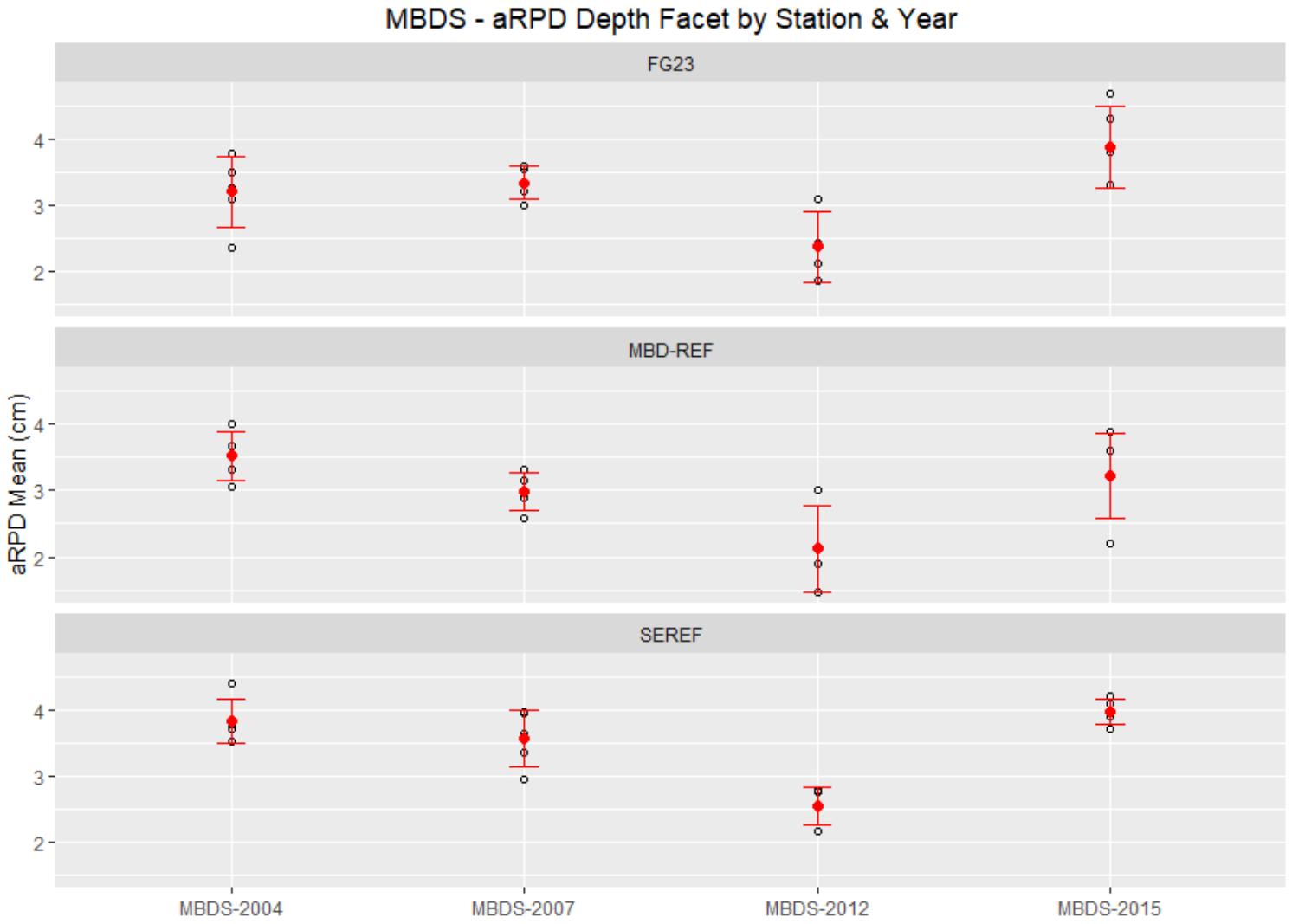


Figure 2-6. Distribution of aRPD depths at the MBDS reference areas (FG-23, SE-REF, and MBD-REF) in 2004, 2007, 2012, and 2015

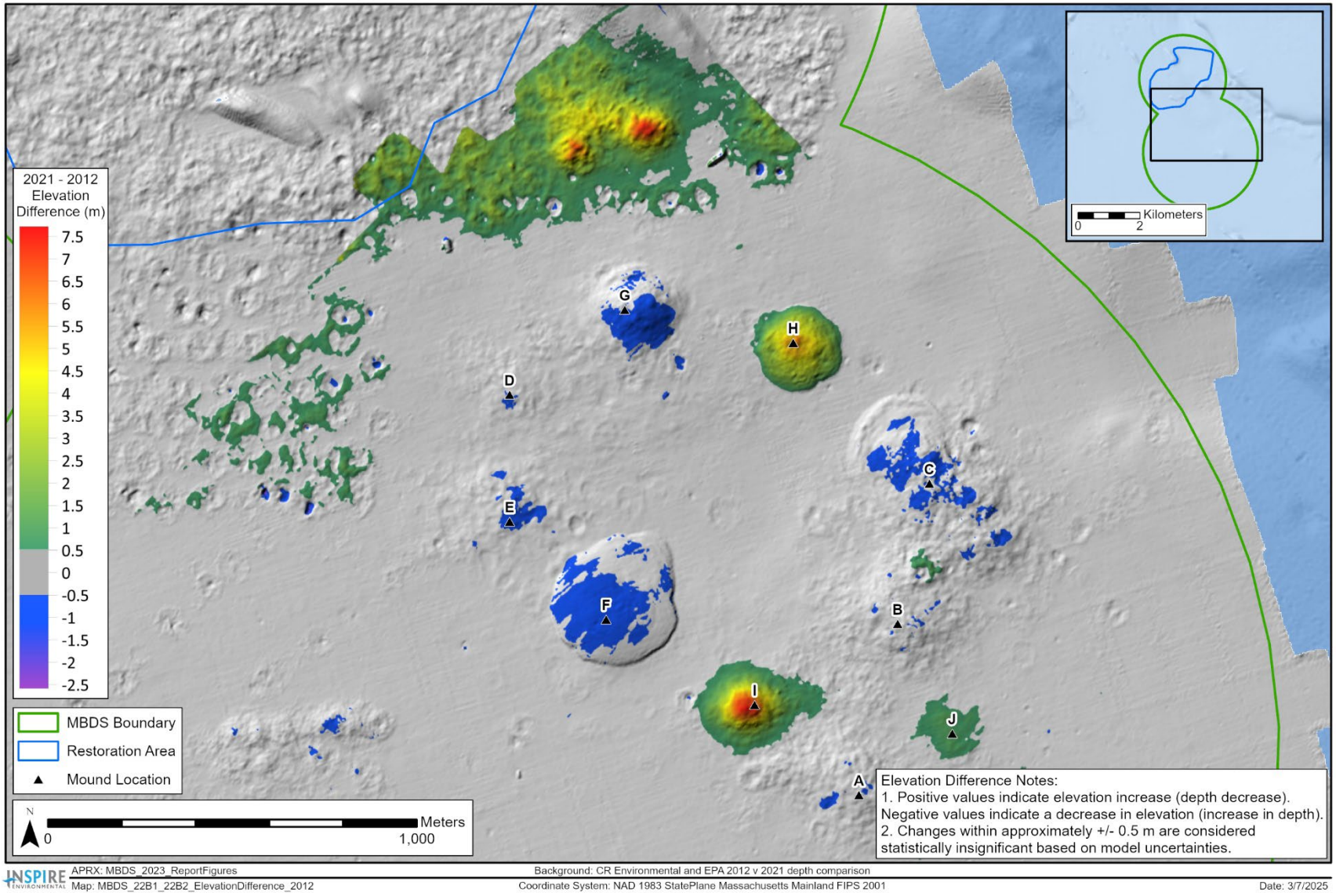


Figure 3-1. Elevation difference September 2012 vs. July 2021 at MBDS mound area (Mounds H and I)

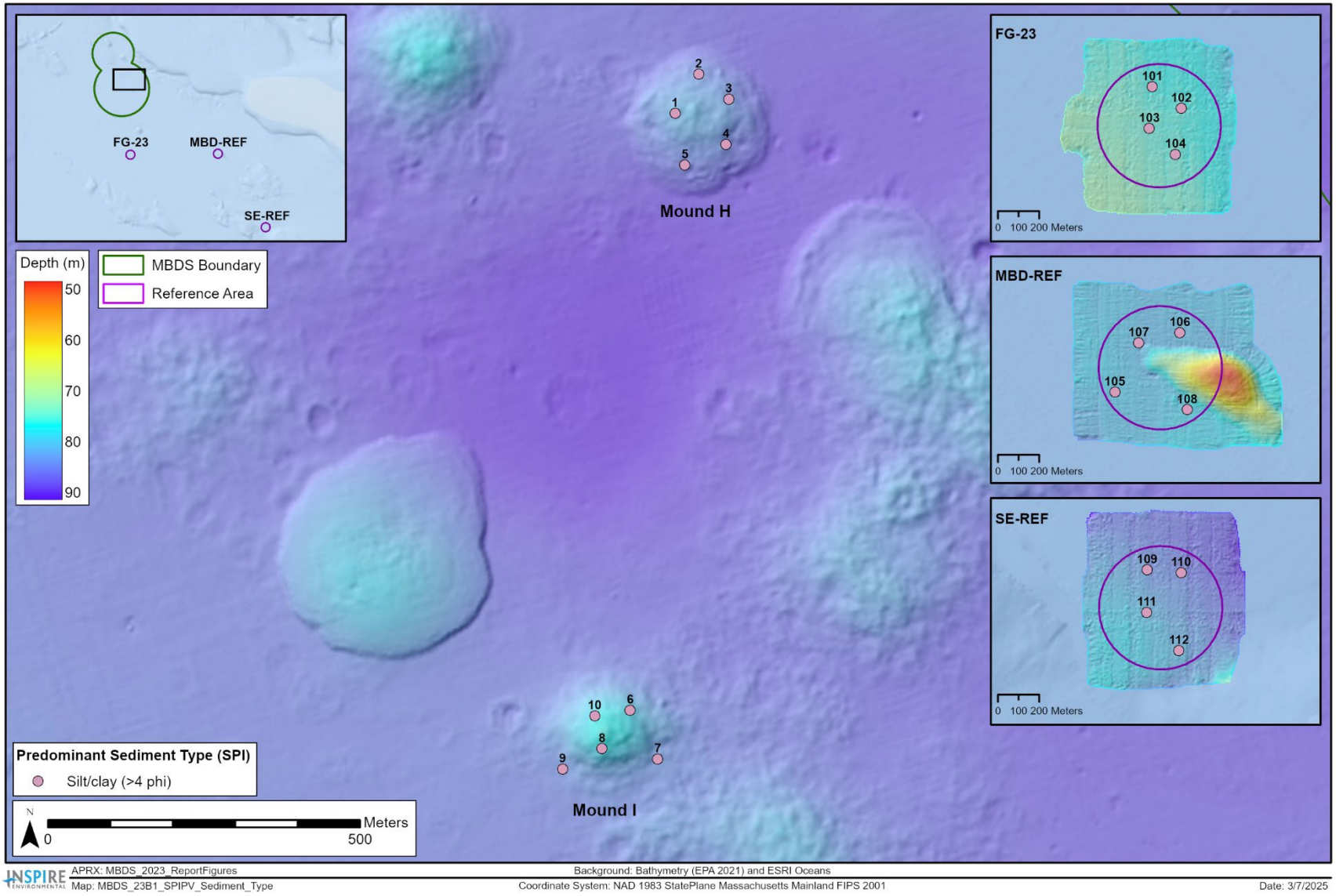


Figure 3-2. Sediment grain size major mode (phi units) at the reference areas, Mound H, and Mound I

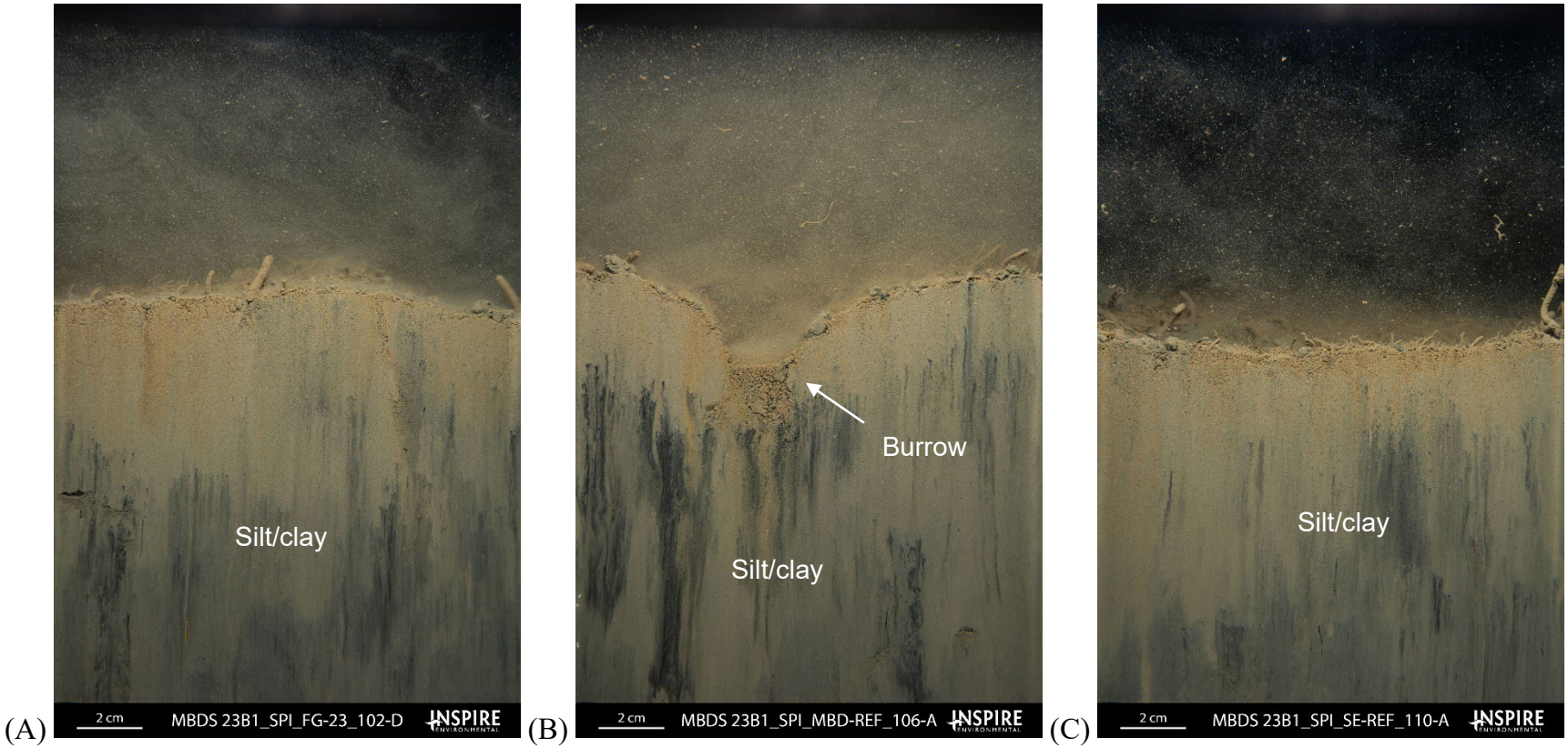


Figure 3-3. Profile images depicting grain size (major mode), prism penetration, and boundary roughness at the reference areas; (A) silt/clay at Station 102 at FG-23; (B) silt/clay and a burrow opening at Station 106 at MBD-REF; and (C) silt/clay at Station 110 at SE-REF

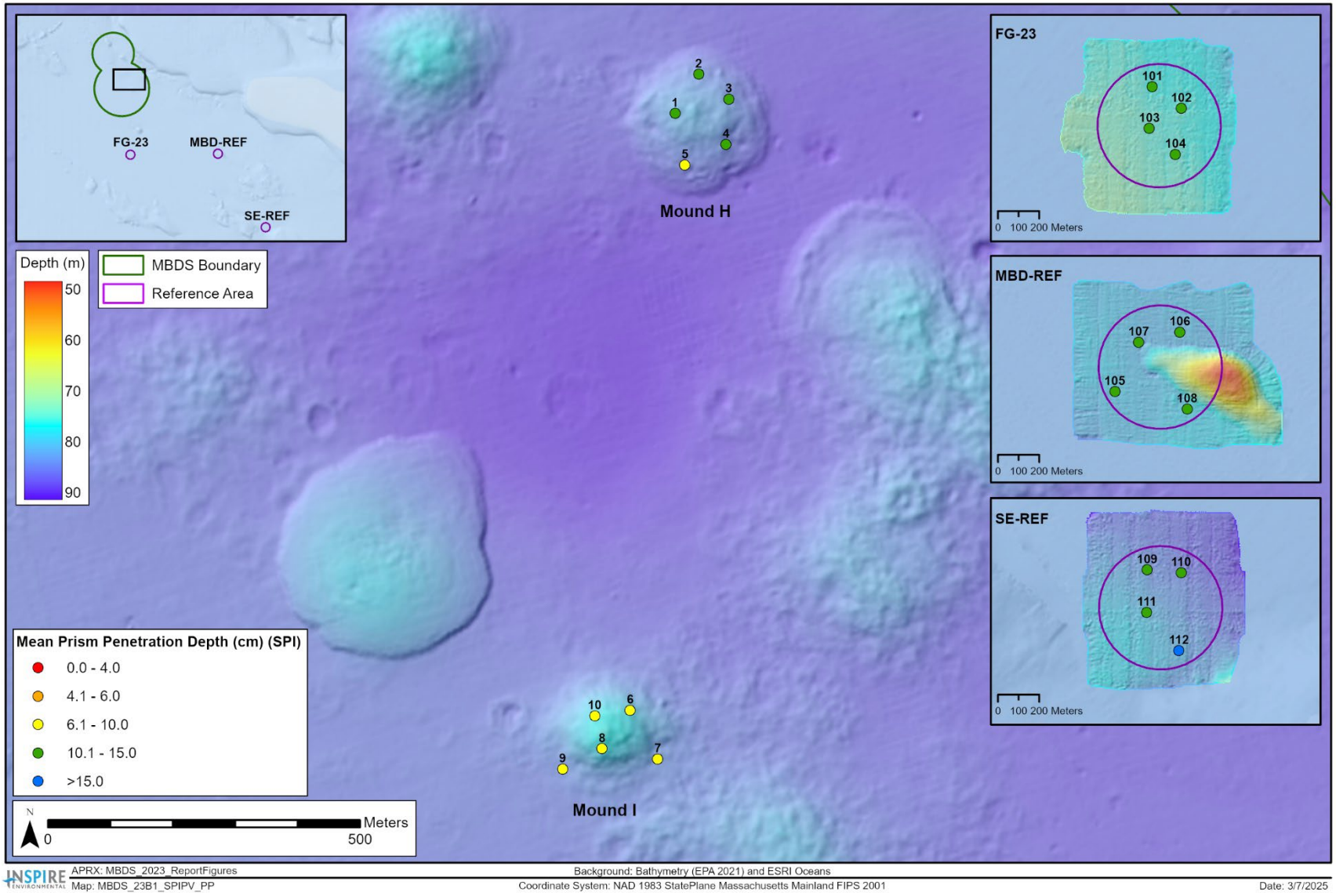


Figure 3-4. Mean station prism penetration (cm) at the reference areas, Mound H, and Mound I

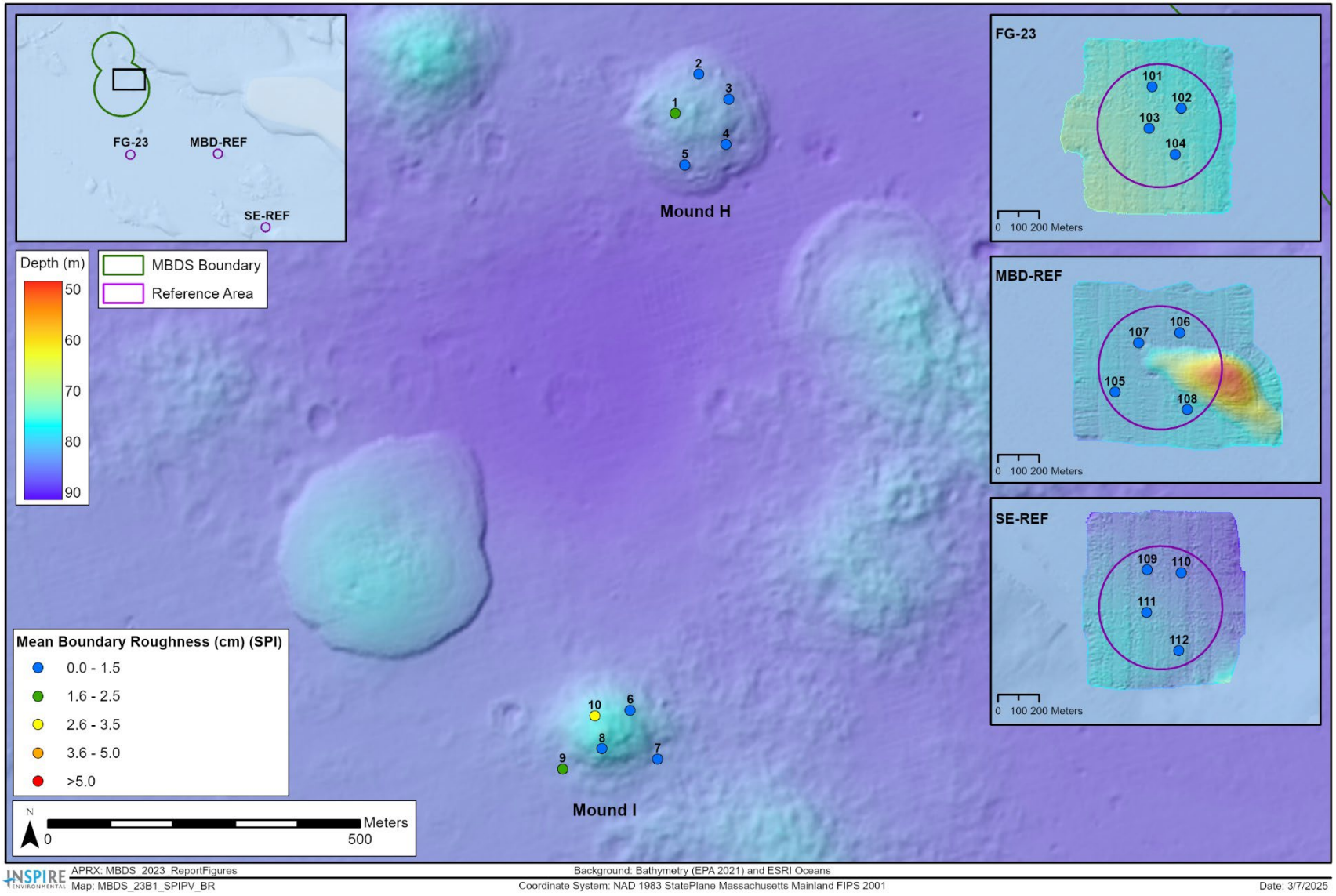
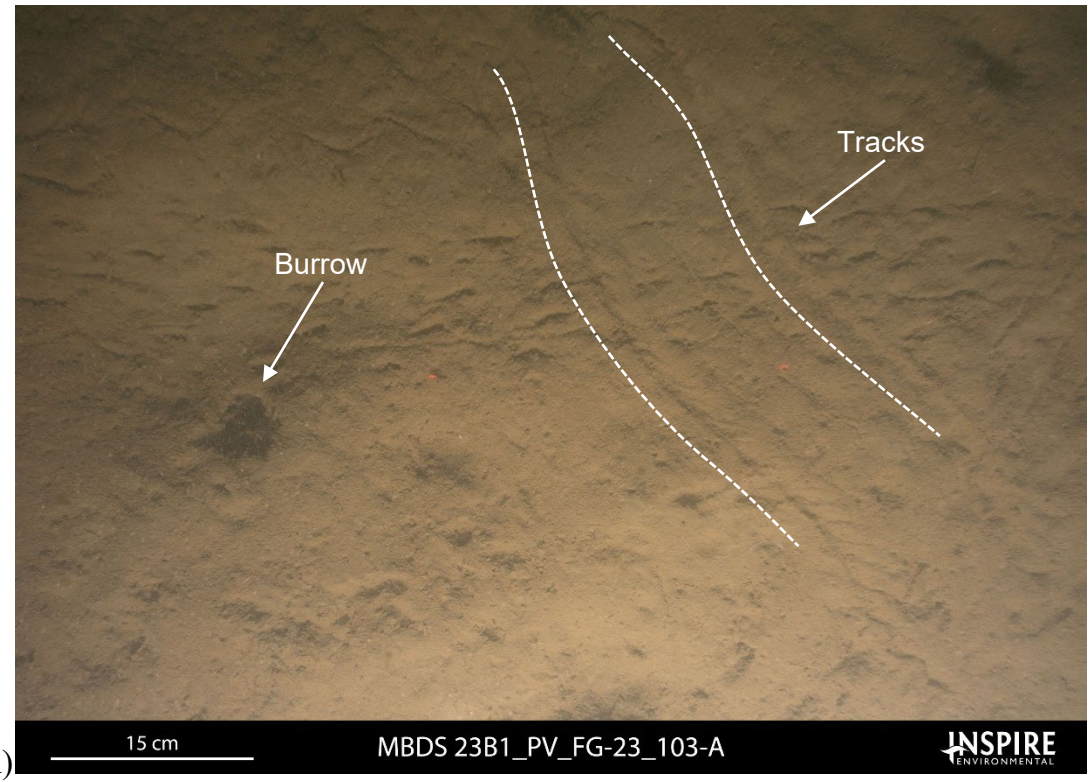


Figure 3-5. Mean station small-scale boundary roughness (cm) at the reference areas, Mound H, and Mound I

(A)



(B)

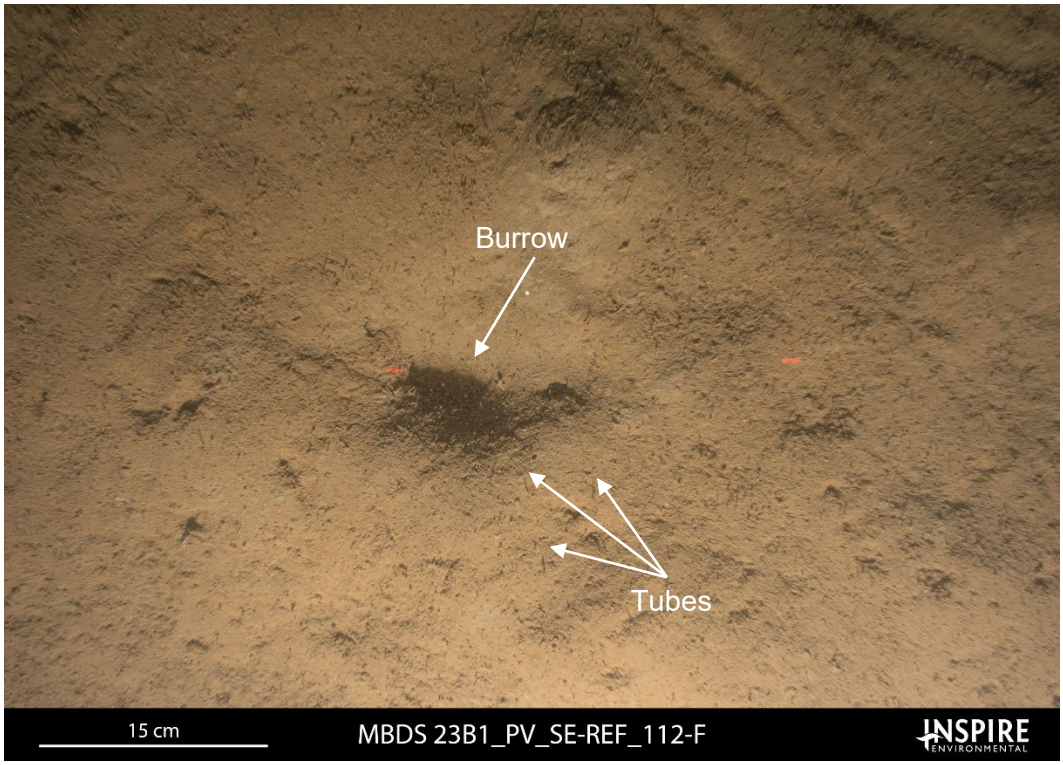


Figure 3-6. Plan view images depicting biological features at the reference areas; (A) tracks and burrows at Station 103 at FG-23; and (B) burrows and tubes at Station 112 at SE-REF

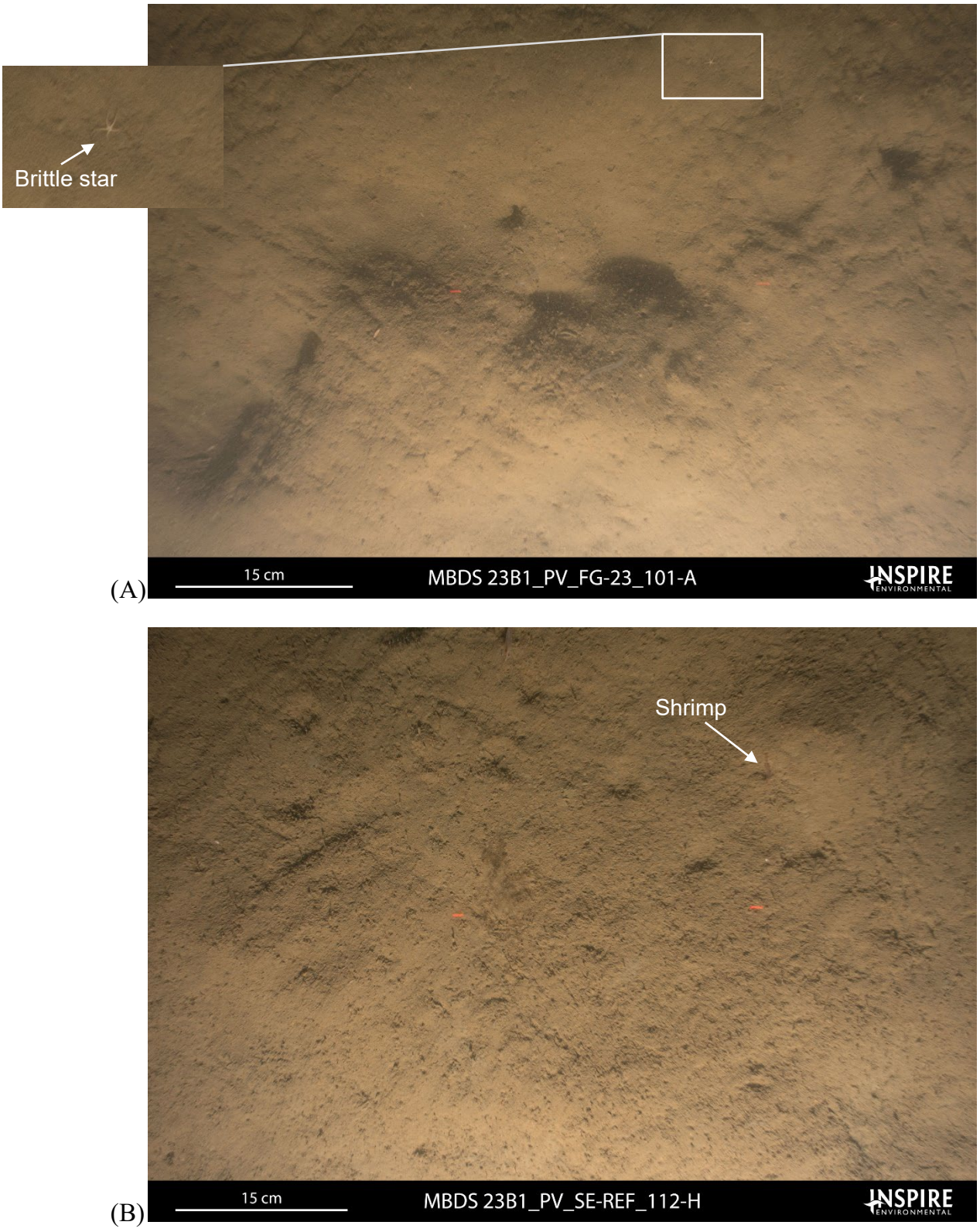


Figure 3-7. Plan view images showing epifaunal organisms at the reference areas; (A) a brittle star at Station 101 at FG-23; and (B) a shrimp at Station 112 at SE-REF

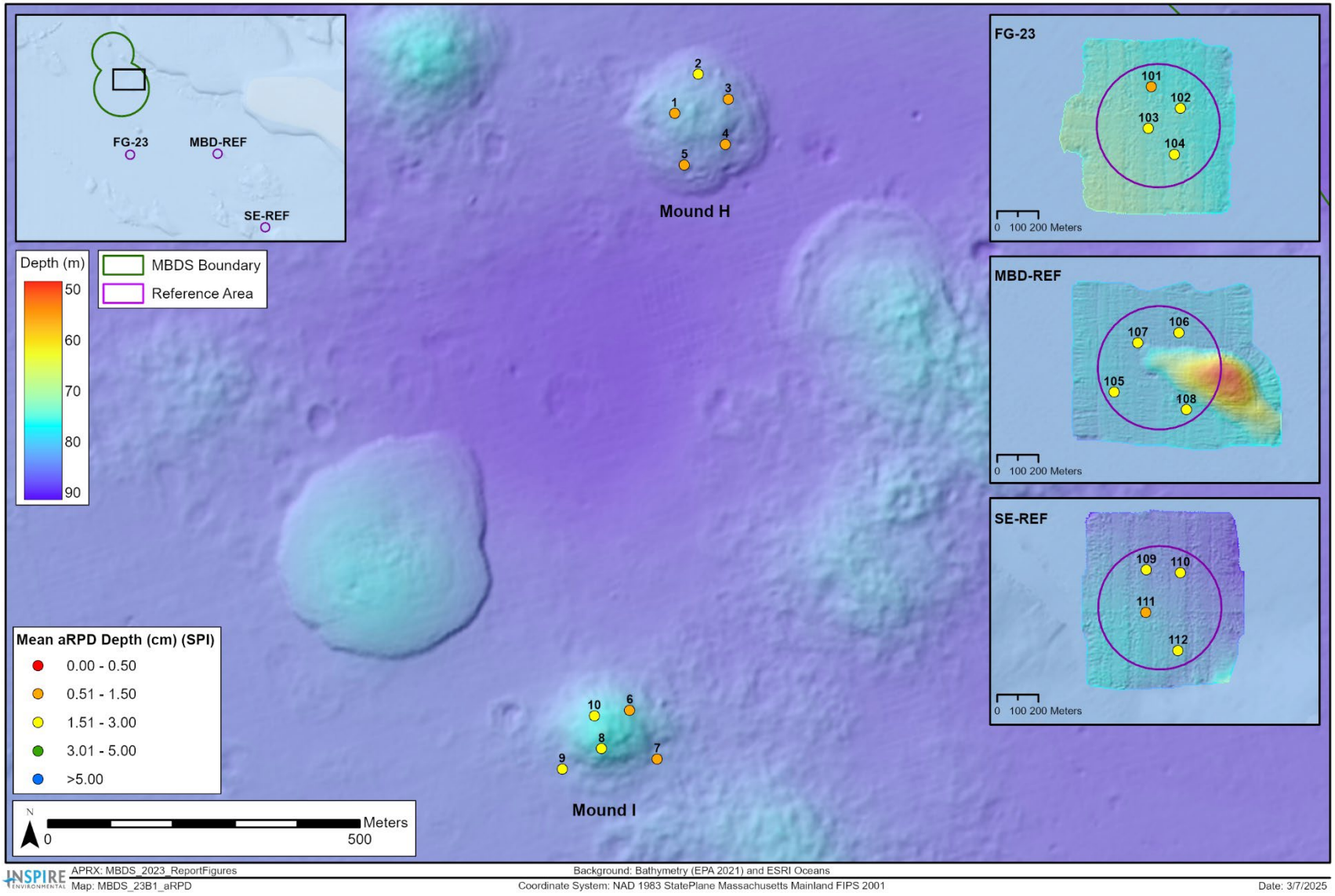
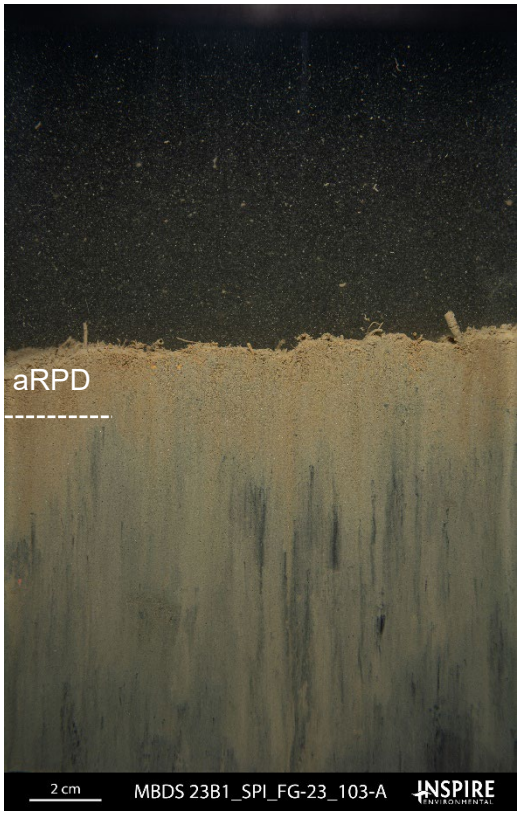
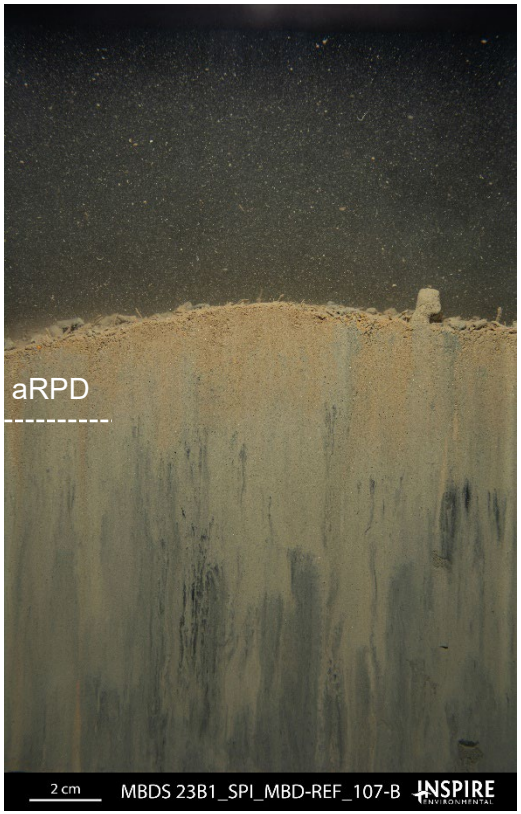


Figure 3-8. Mean station aRPD depth values (cm) at the reference areas, Mound H, and Mound I

(A) 

(B) 

(C) 

Figure 3-9. Profile images depicting general depth of aRPDs at the reference areas; (A) an aRPD of approximately 2.0 cm at Station 103 at FG-23; (B) an aRPD of approximately 2.6 cm at Station 107 at MBD-REF; and (C) an aRPD of approximately 1.3 cm at Station 109 at SE-REF

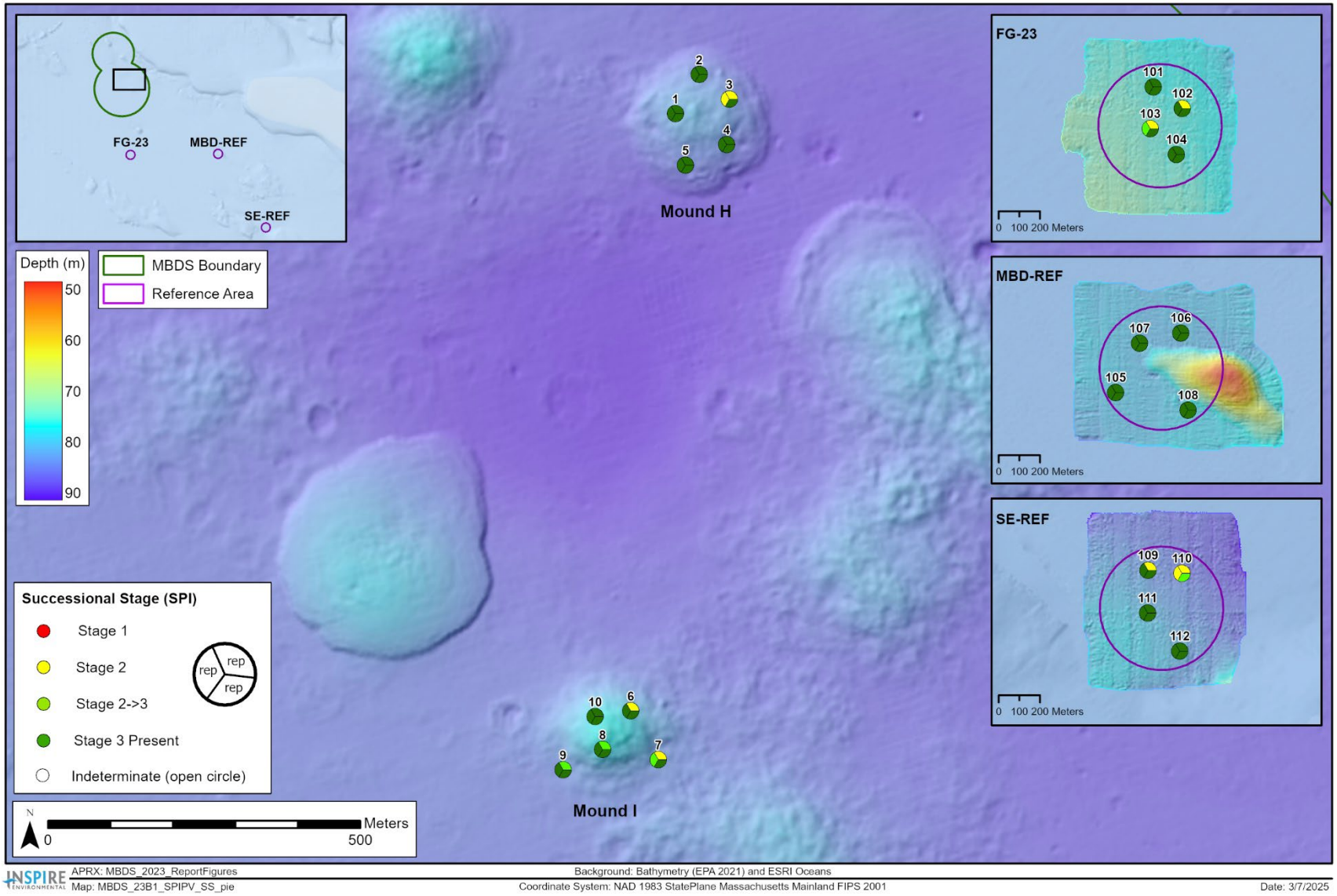


Figure 3-10. Infaunal successional stages at the reference areas, Mound H, and Mound I. Results shown provide a value for each of three replicate images at each sampling station.

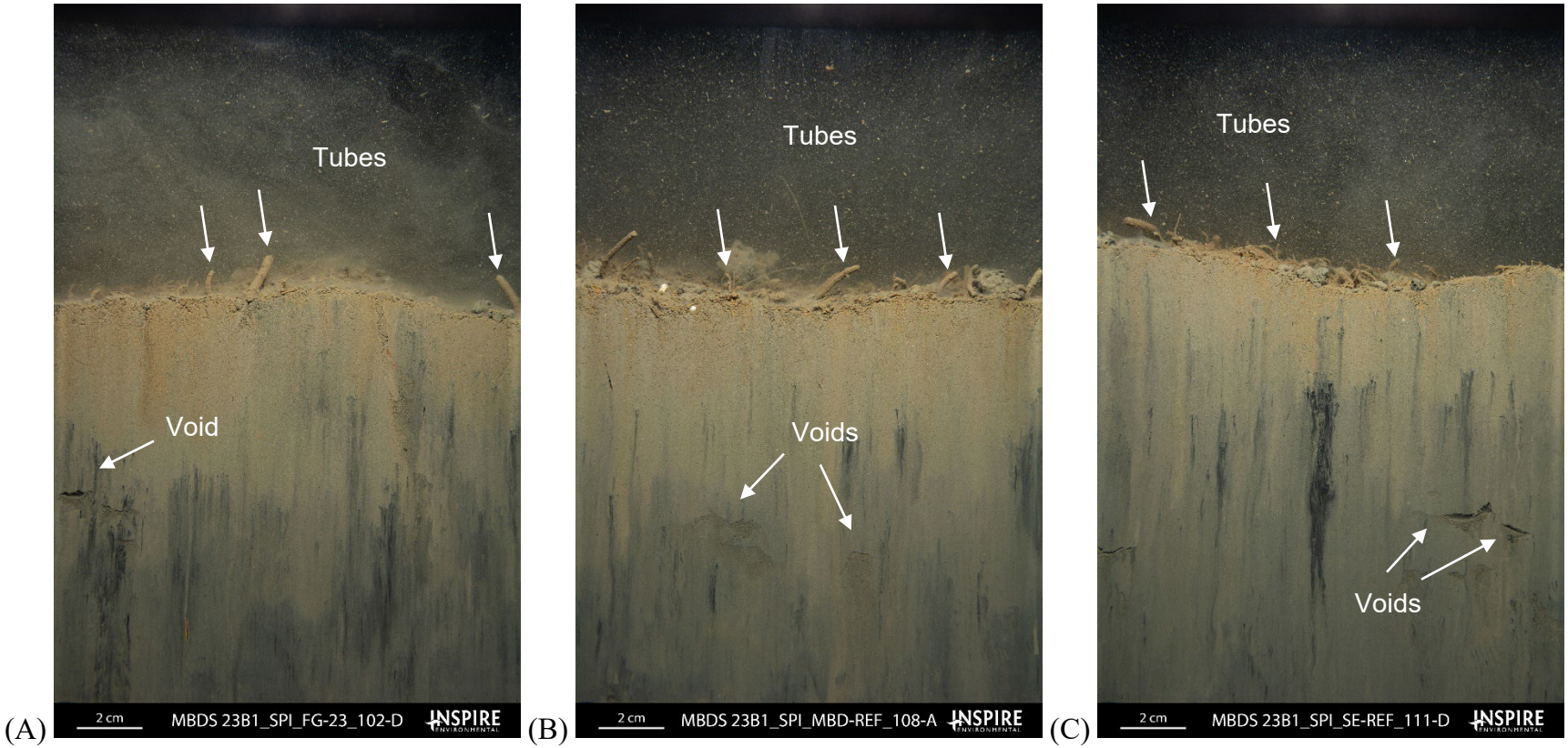


Figure 3-11. Profile images depicting the characteristics of Stage 2 on 3 succession at the reference areas; (A) tubes at the sediment–water interface and a subsurface feeding void at Station 102 at FG-23; (B) tubes at the sediment–water interface and subsurface feeding voids at Station 108 at MBD-REF; and (C) tubes at the sediment–water interface and subsurface feeding voids at Station 111 at SE-REF

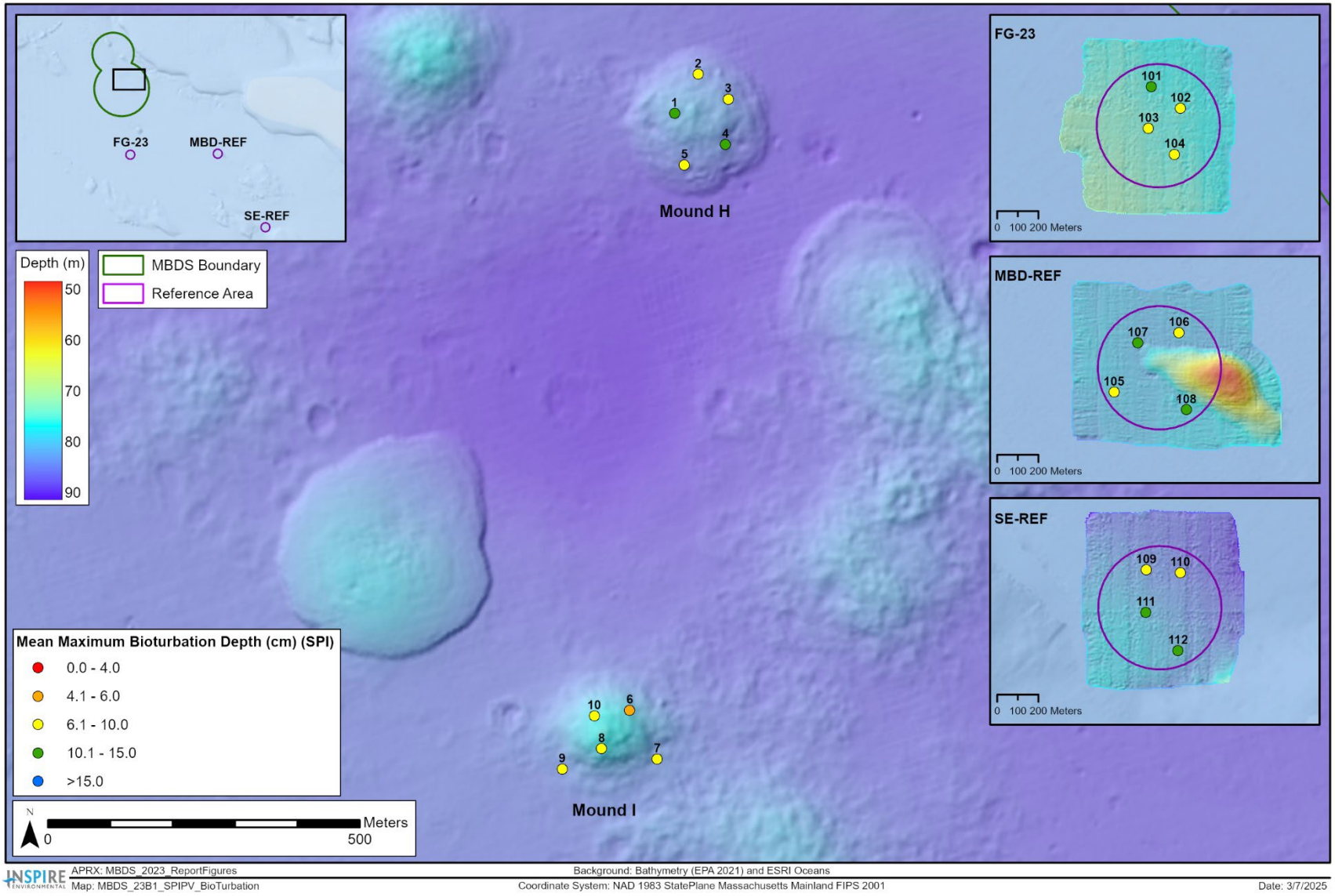


Figure 3-12. Mean station maximum bioturbation depth values (cm) at the reference areas, Mound H, and Mound I

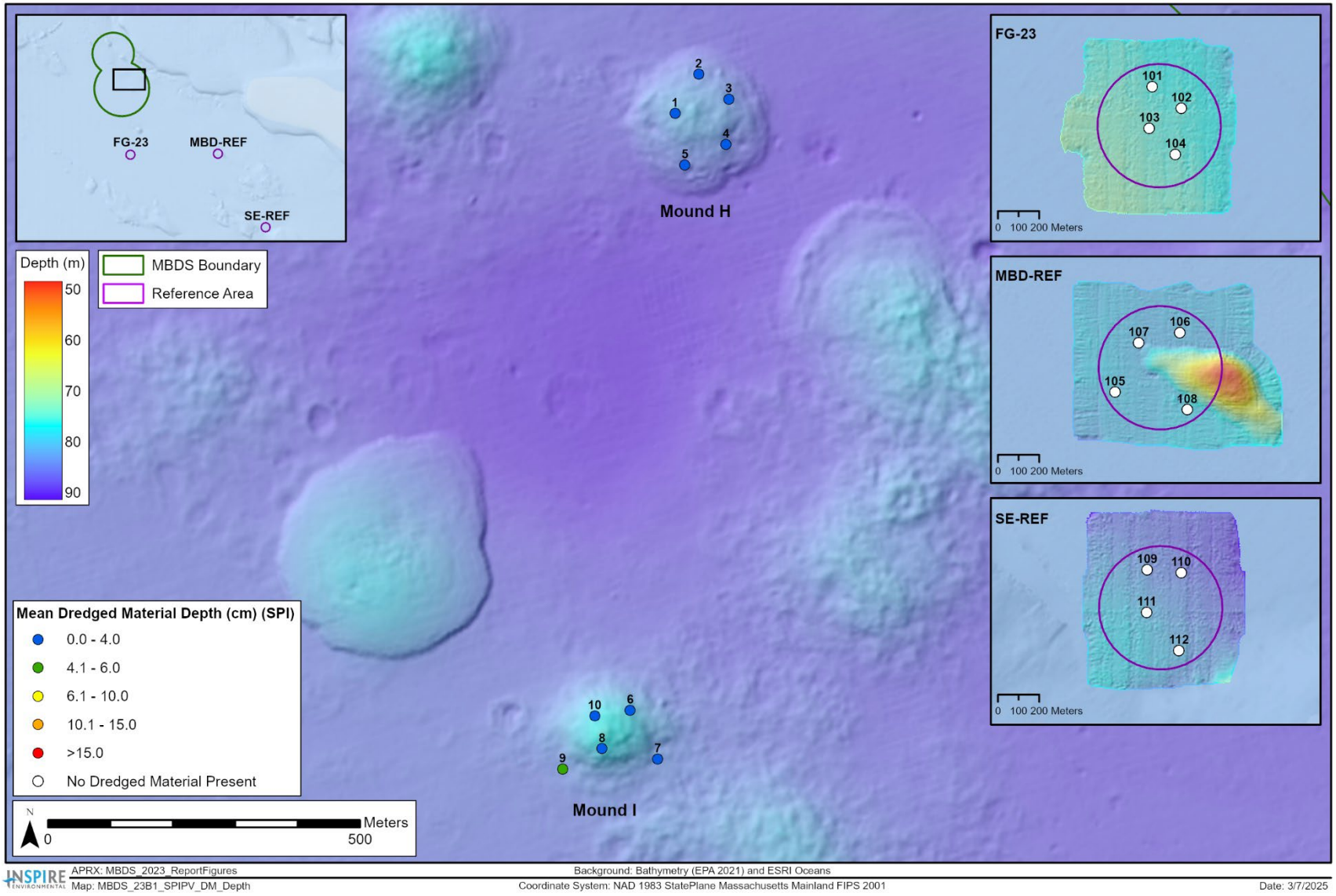


Figure 3-13. Mean dredged material depth (cm) at the reference areas, Mound H, and Mound I

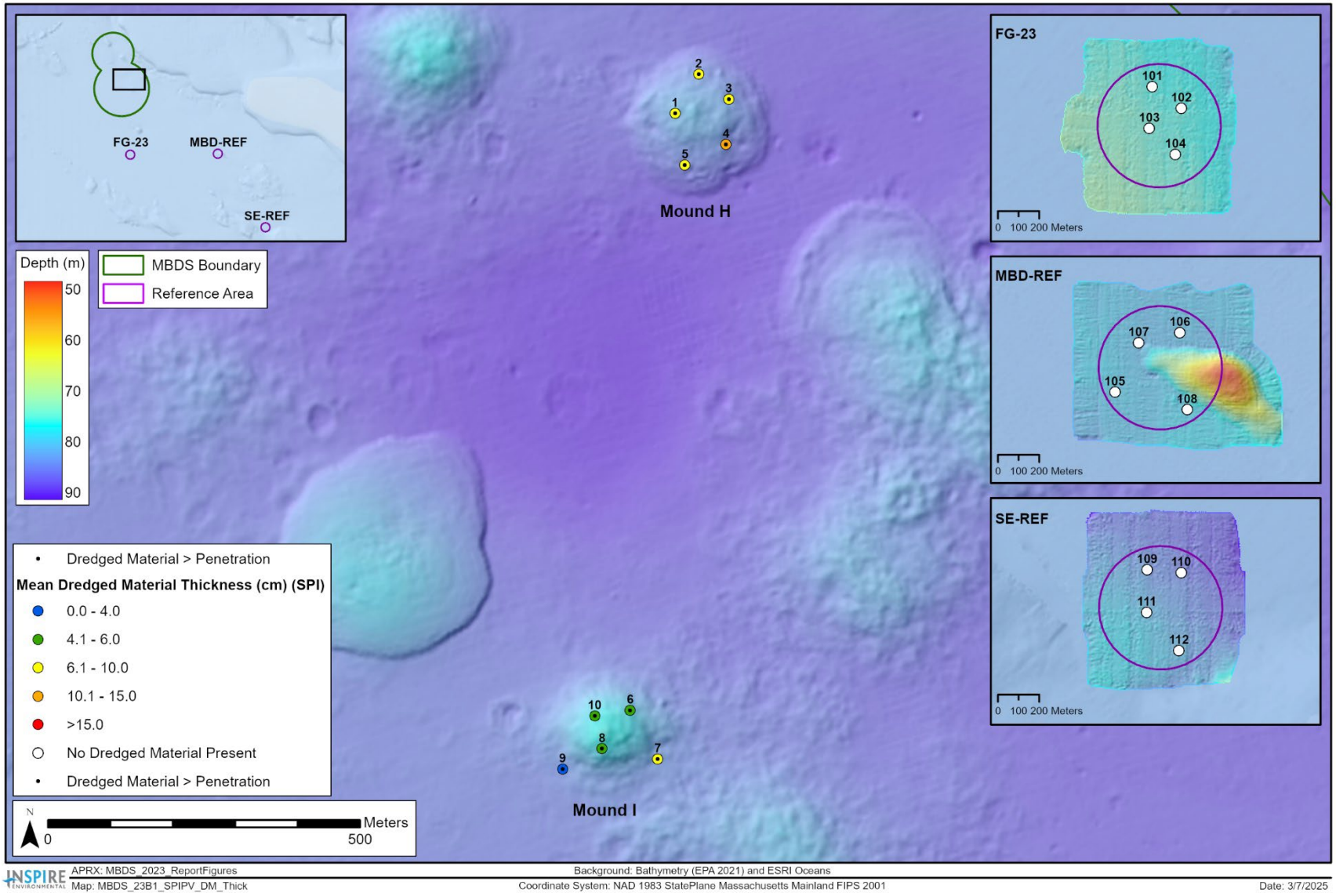


Figure 3-14. Mean dredged material thickness (cm) at the reference areas, Mound H, and Mound I

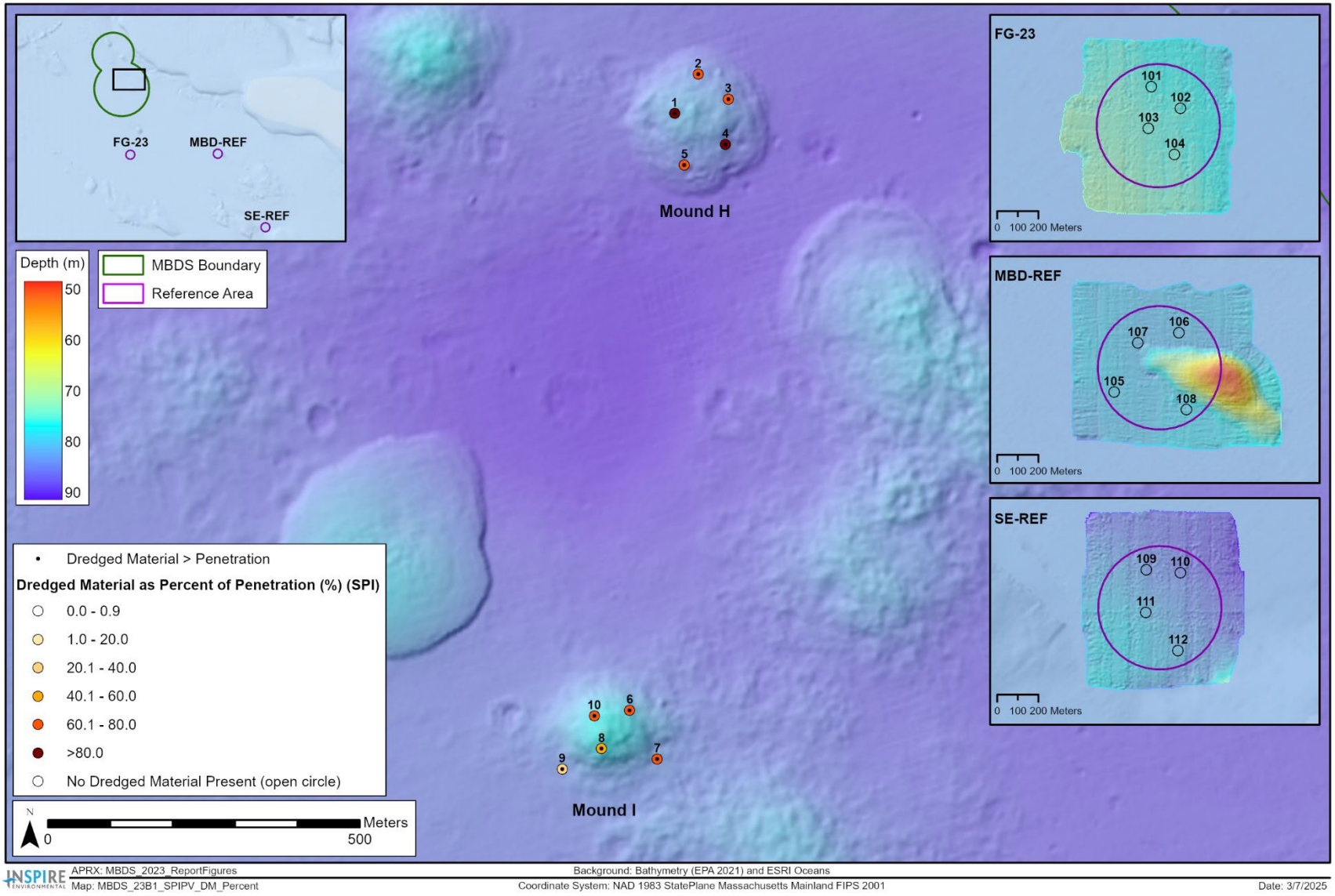


Figure 3-15. Percentage of penetration that is comprised of dredged material at the reference areas, Mound H, and Mound I

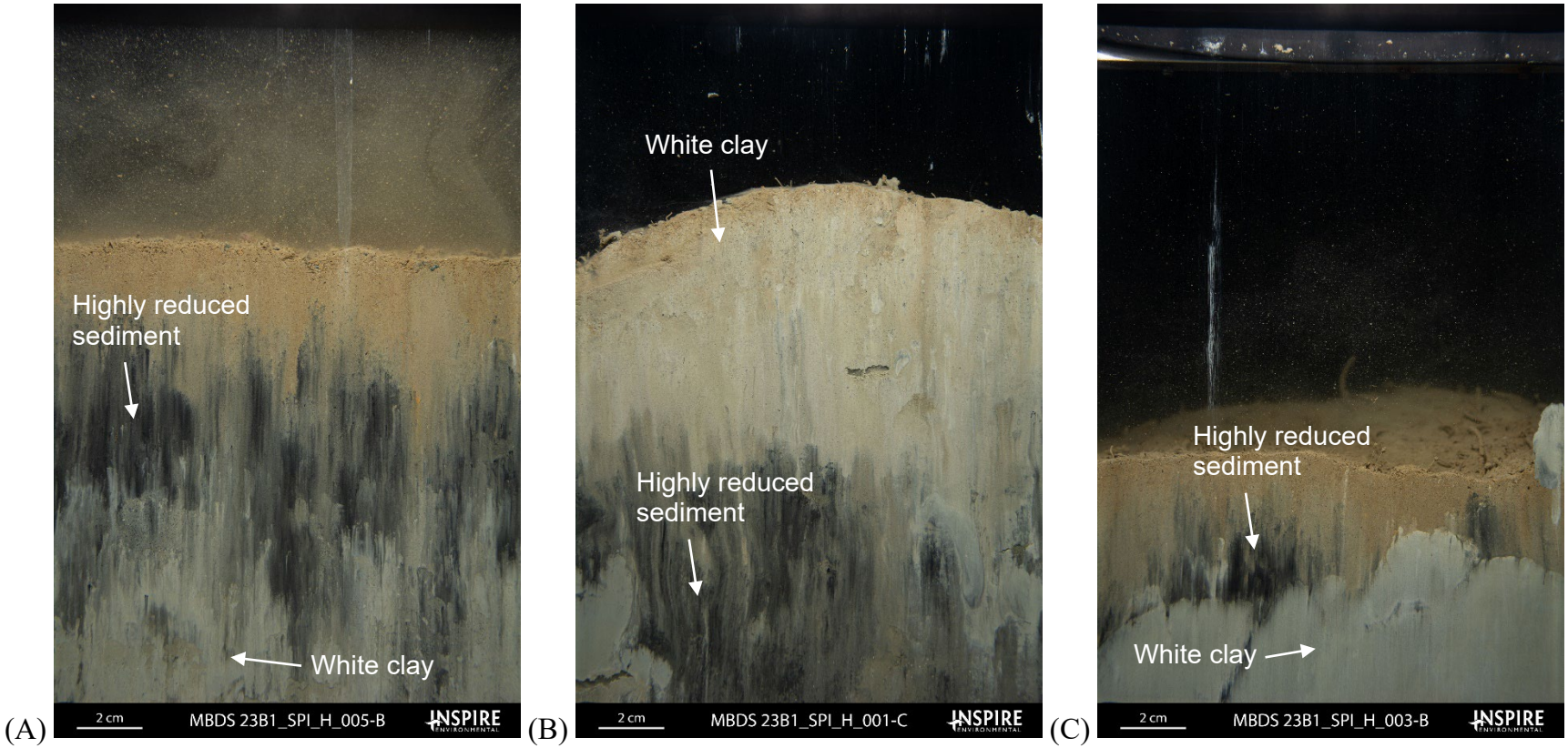
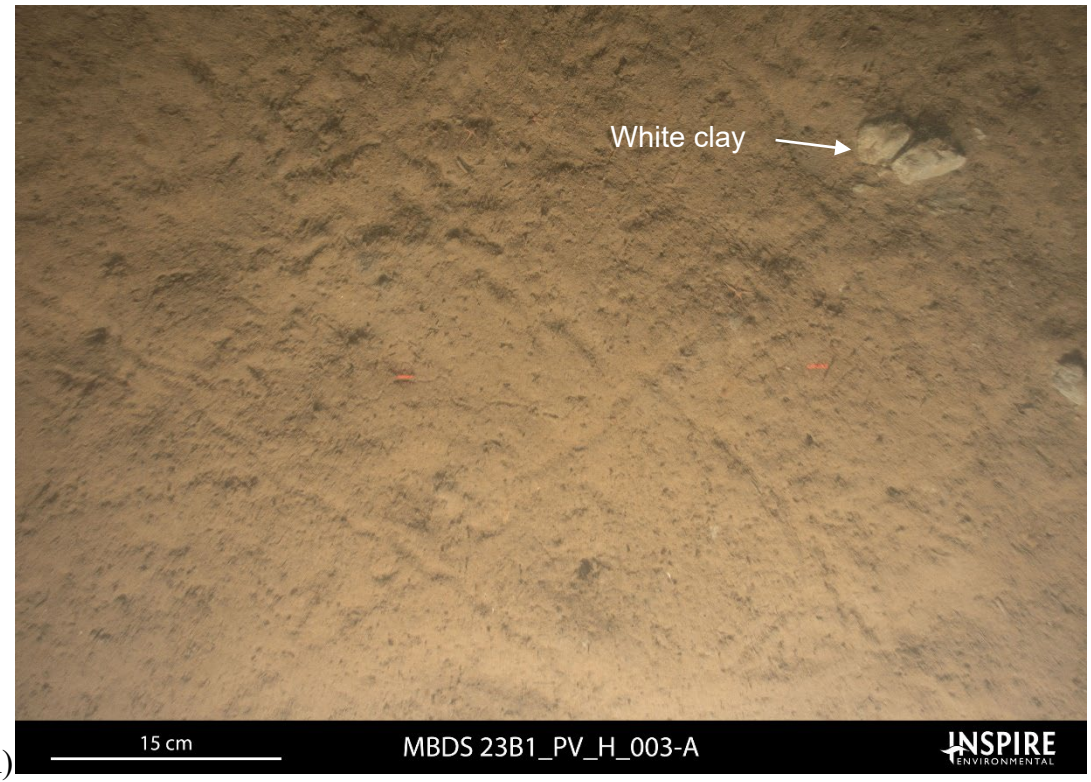


Figure 3-16. Profile images of dredged material at Mound H; (A) a buried layer of highly reduced sediment and white clay at Station 005; (B) a surficial layer of white clay overlaying highly reduced sediment at Station 001; and (C) trace highly reduced sediment and a buried layer of white clay at Station 003

(A)



(B)

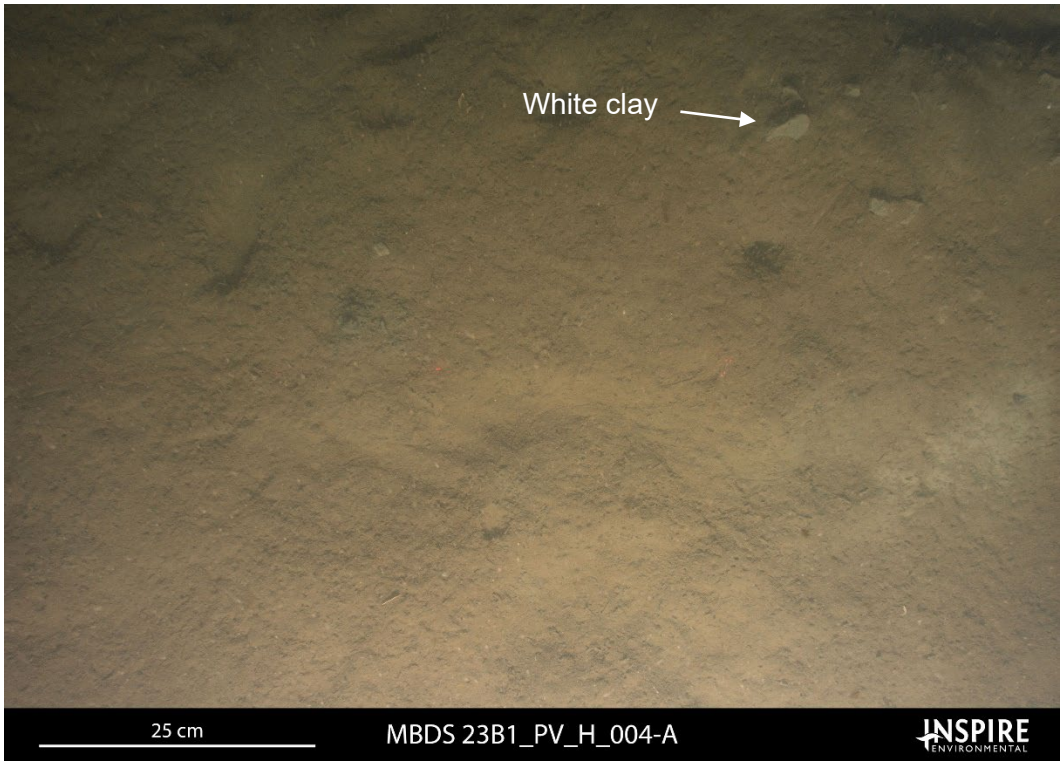


Figure 3-17. Plan view images of dredged material at the sediment surface at Mound H; (A) clasts of white clay at Station 003; and (B) clasts of white clay at Station 004

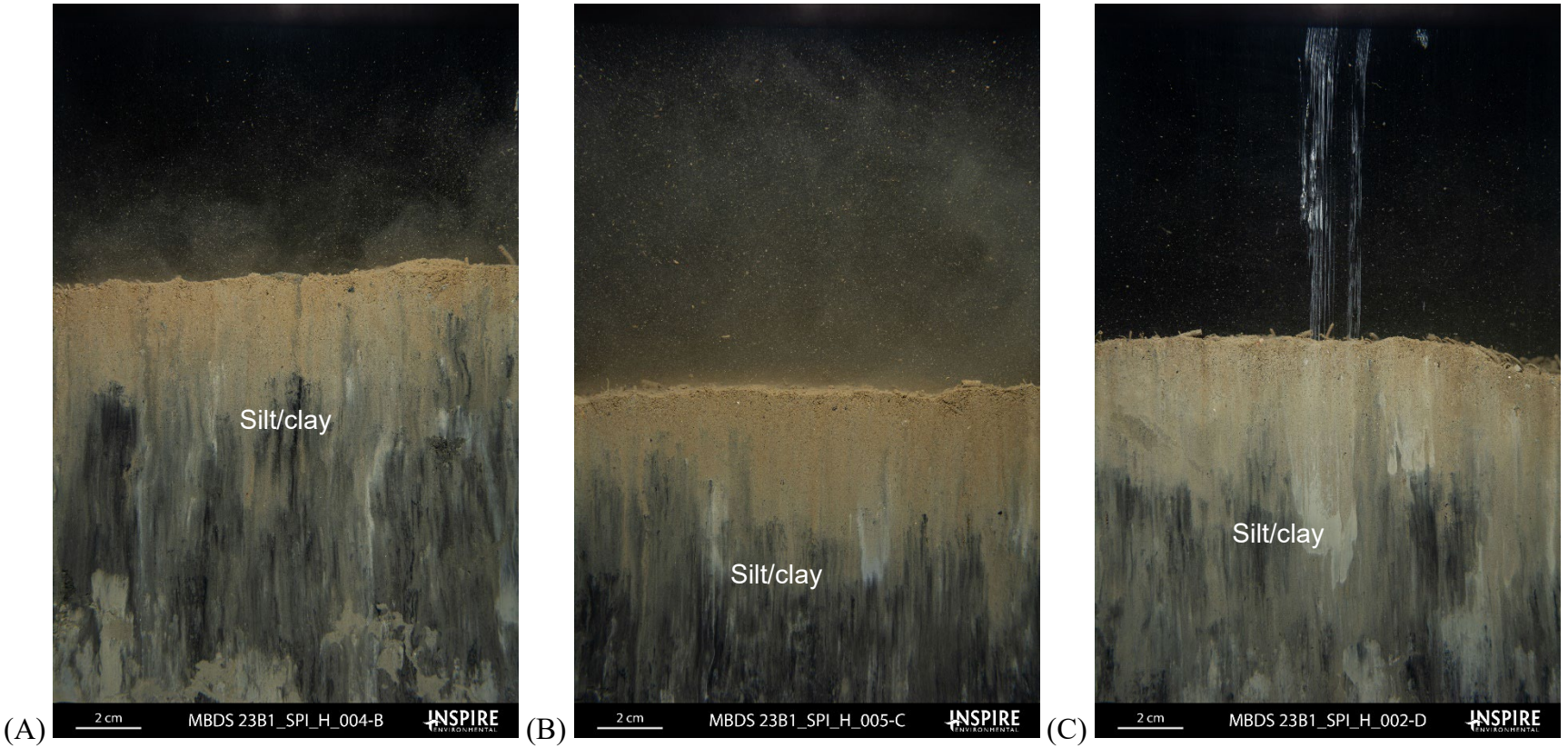


Figure 3-18. Profile images depicting grain size (major mode), prism penetration, and boundary roughness at Mound H; (A) silt and intermixed clay at Station 004; (B) silt and intermixed clay at Station 005; and (C) silt with intermixed clay at Station 002

(A)

(B)

Figure 3-19. Profile images depicting general depth of aRPDs at Mound H (A) an aRPD depth of approximately 0.9 cm at Station 002; and (B) an aRPD depth of approximately 1.8 cm at Station 003

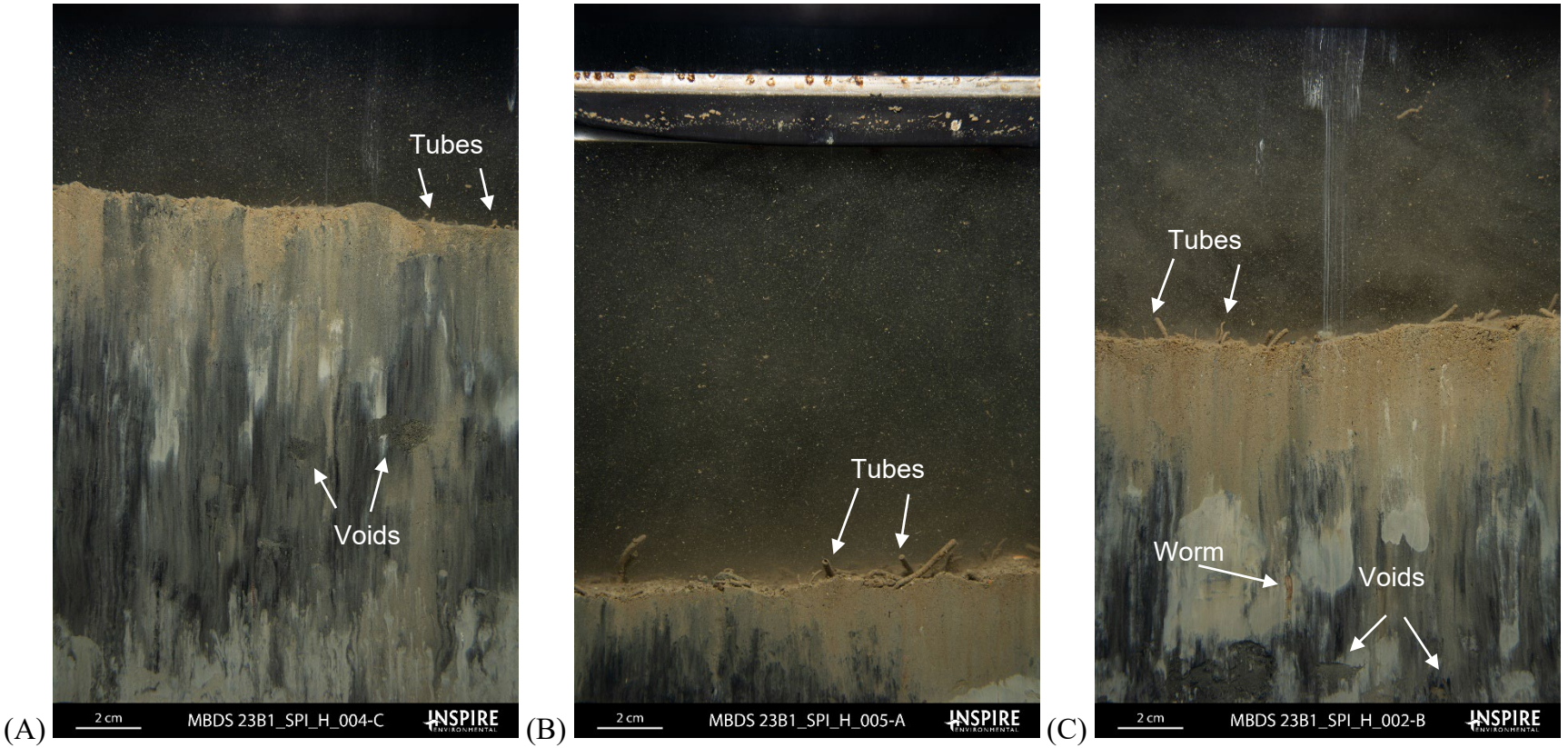


Figure 3-20. Profile images depicting the characteristics of common successional stages at Mound H; (A) Stage 2 on 3 depicted by tubes at the sediment–water interface and subsurface feeding voids at Station 004; (B) Stage 2 depicted by tubes at the sediment–water interface at Station 005; and (C) Stage 2 on 3 depicted by tubes at the sediment–water interface, subsurface feeding voids, and a worm visible in a burrow at Station 002

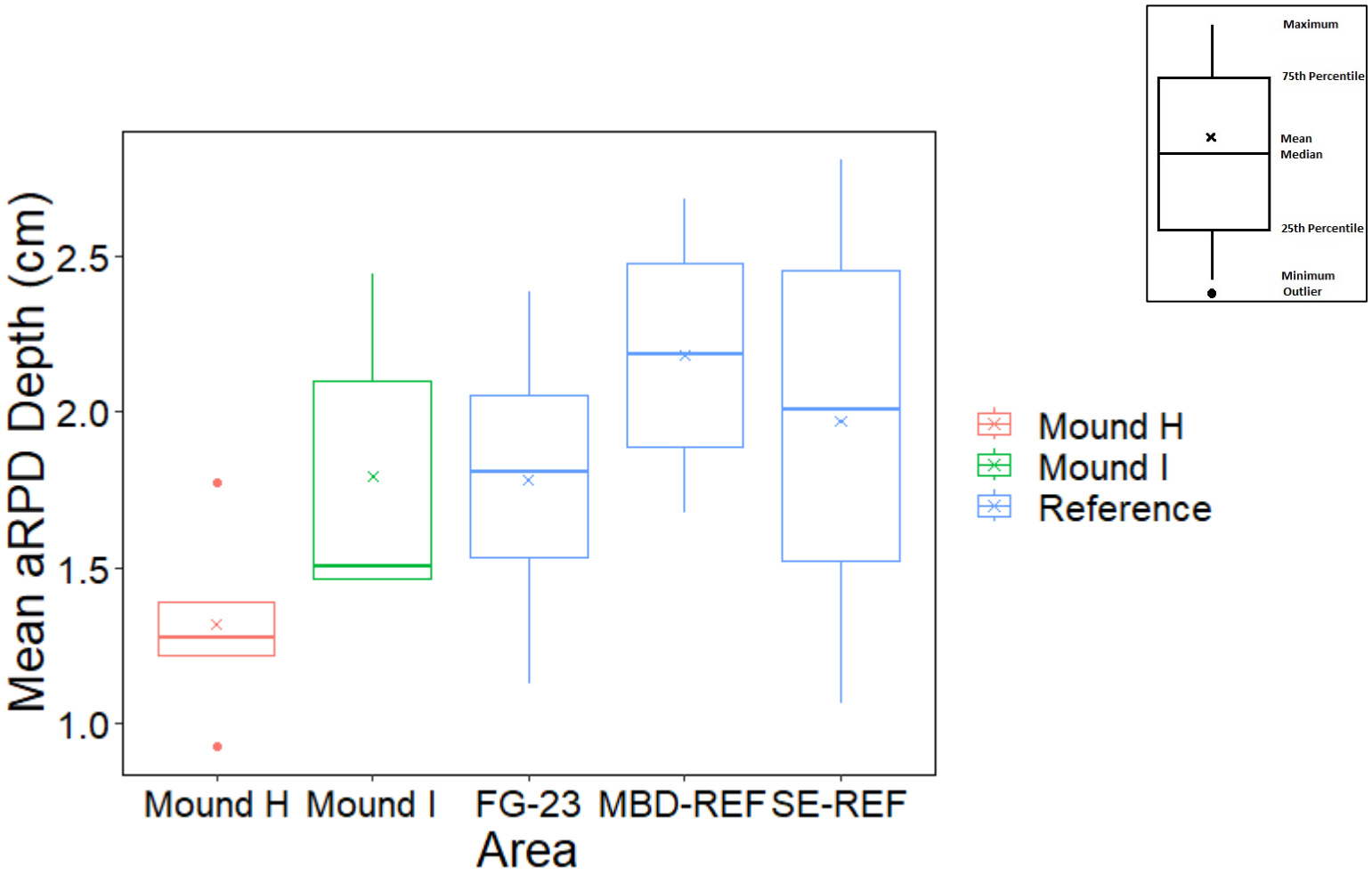


Figure 3-21. Distribution of aRPD depth measurements by sampling area at Mound H, Mound I, and the reference areas

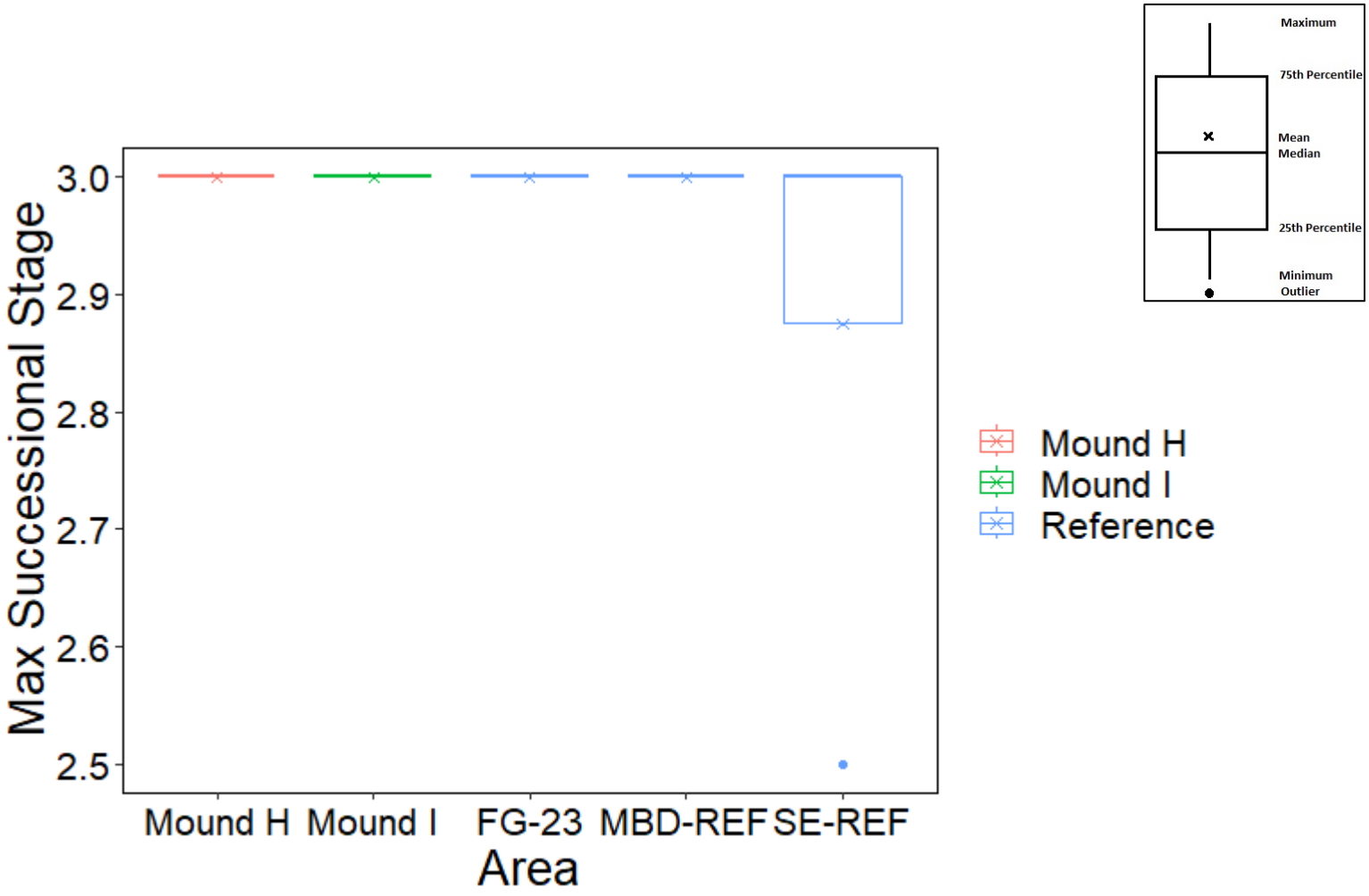
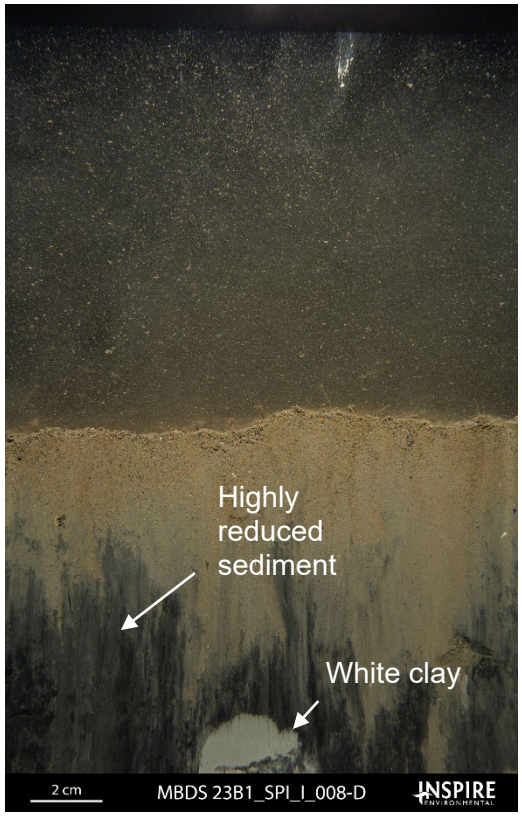


Figure 3-22. Distribution of maximum successional stage by sampling area at Mound H, Mound I, and the reference areas

(A)



(B)

(C)

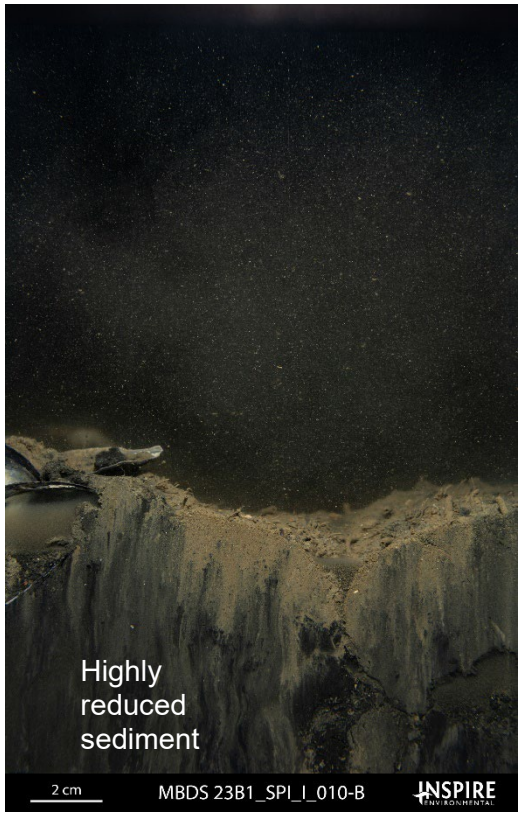
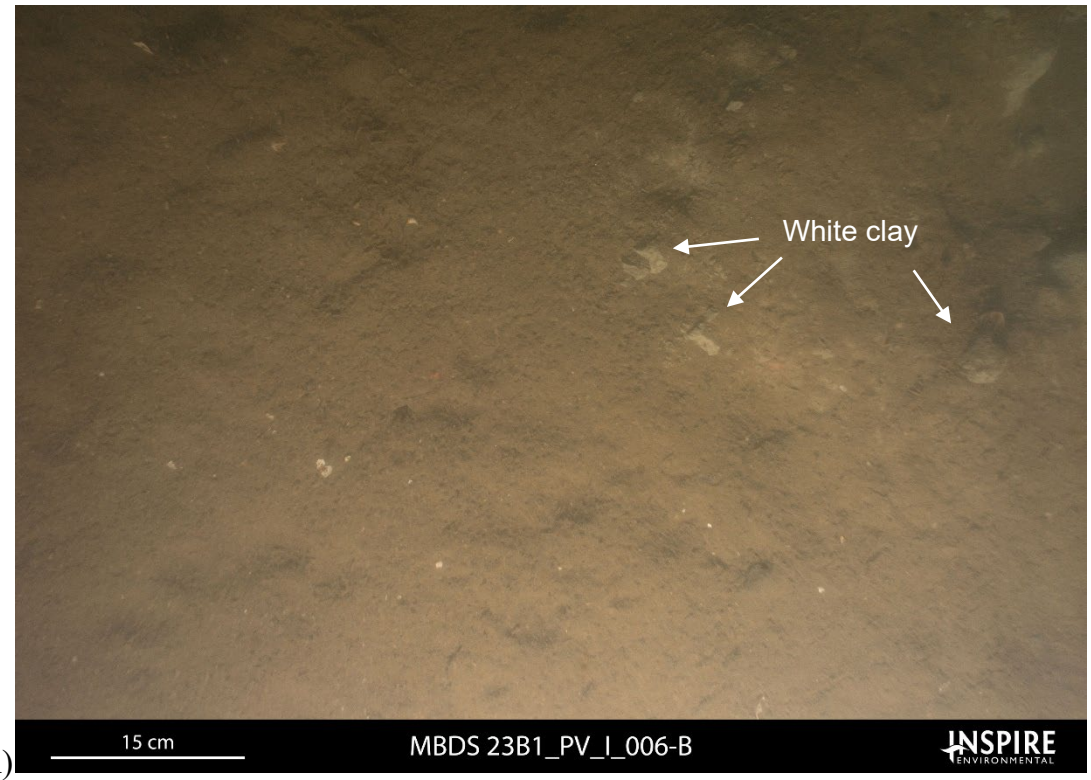


Figure 3-23. Profile images of dredged material at Mound I; (A) a buried layer of highly reduced sediment and some white clay visible at the maximum penetration of the prism at Station 008; (B) a buried layer of highly reduced sediment with intermixed white clay at Station 009; and (C) a buried layer of highly reduced sediment at Station 010

(A)



(B)

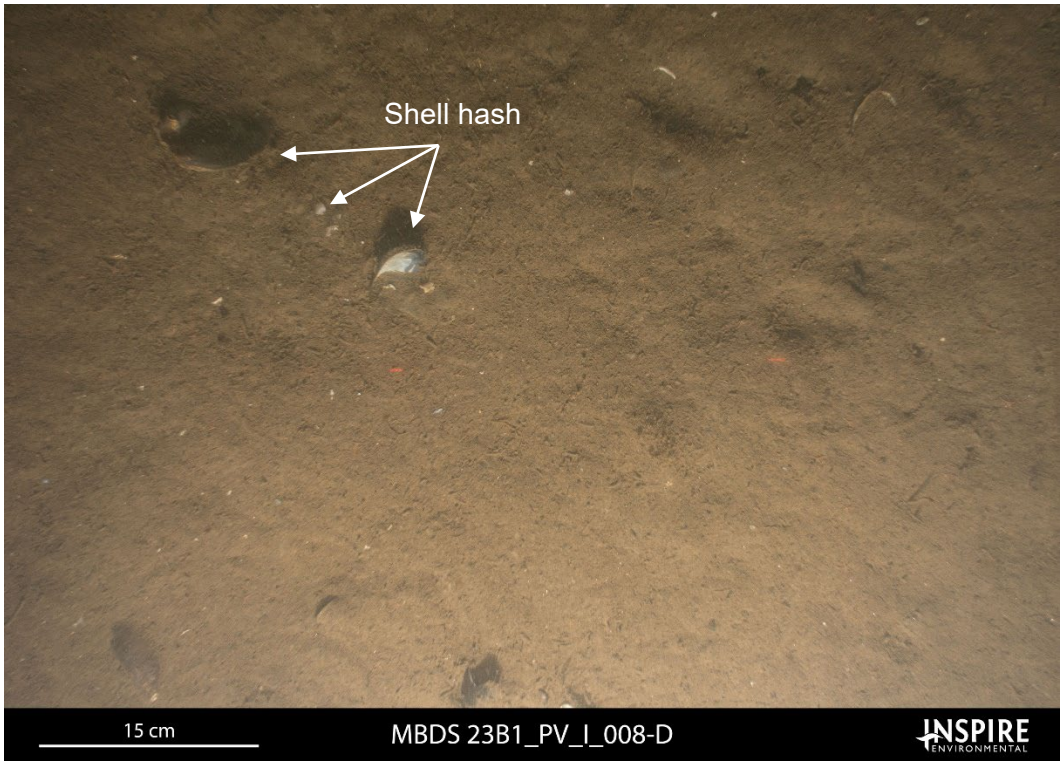


Figure 3-24. Plan view images of dredged material at the sediment surface at Mound I; (A) clasts of white clay at Station 006; and (B) shell hash at Station 008

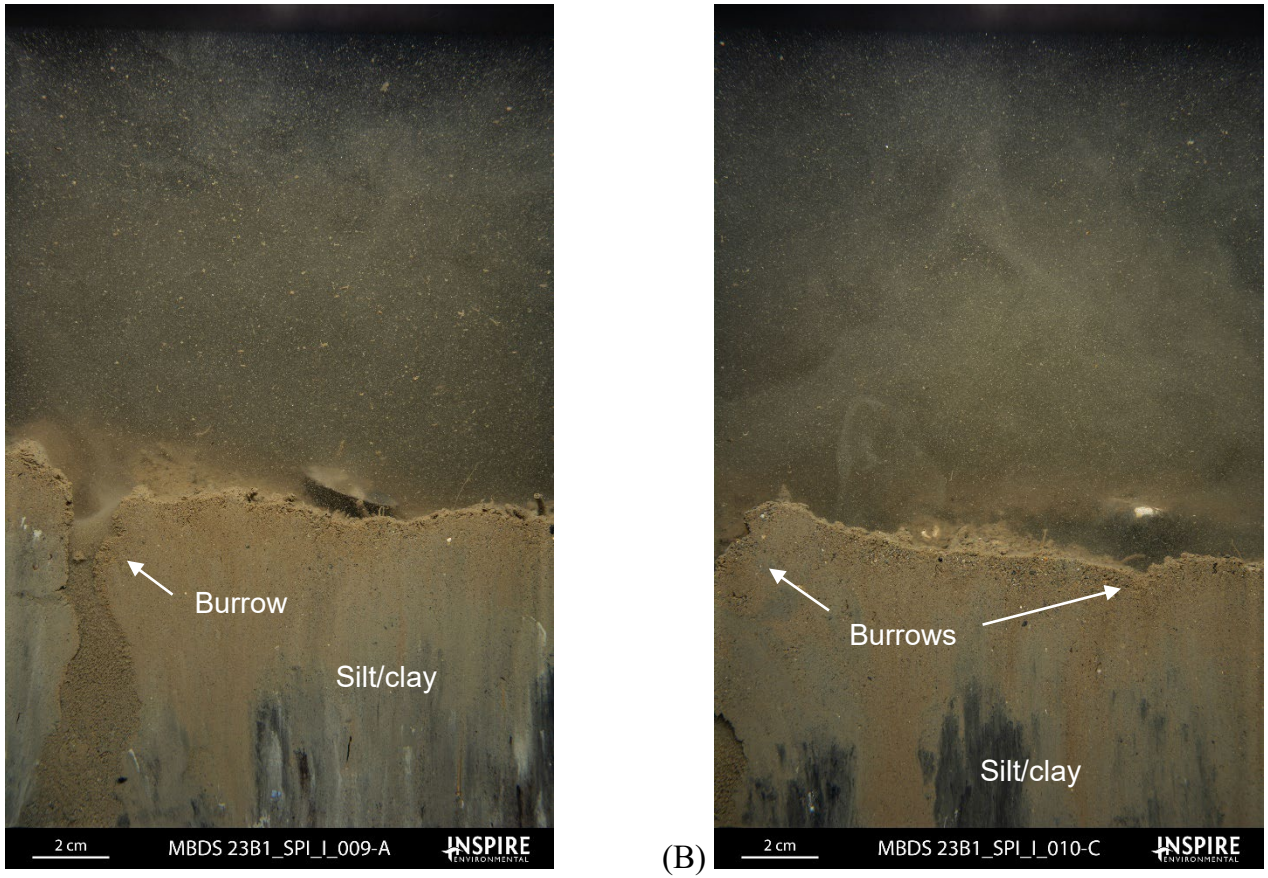
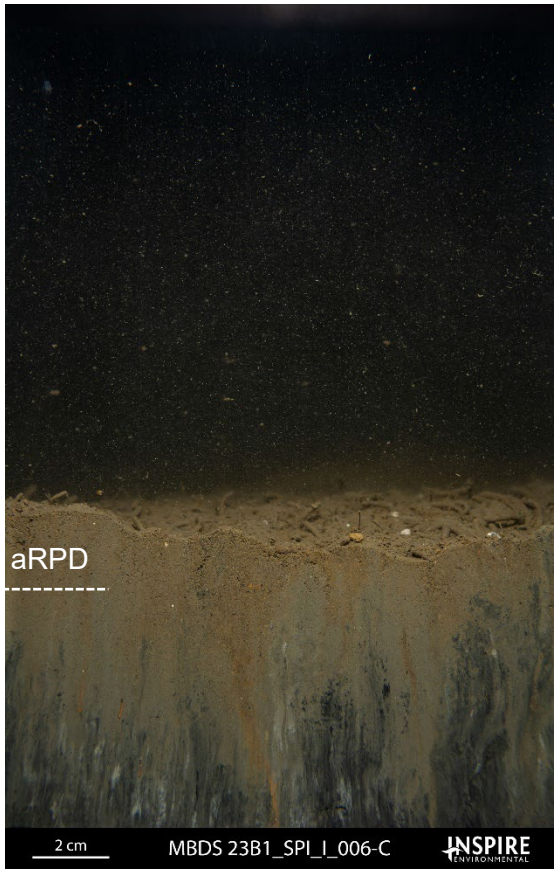


Figure 3-25. Profile images depicting grain size (major mode), prism penetration, and boundary roughness at Mound I; (A) silt and intermixed clay and a large burrow opening at the sediment–water interface at Station 009; (B) silt and intermixed clay and multiple burrow openings at the sediment–water interface at Station 010

(A)



(B)

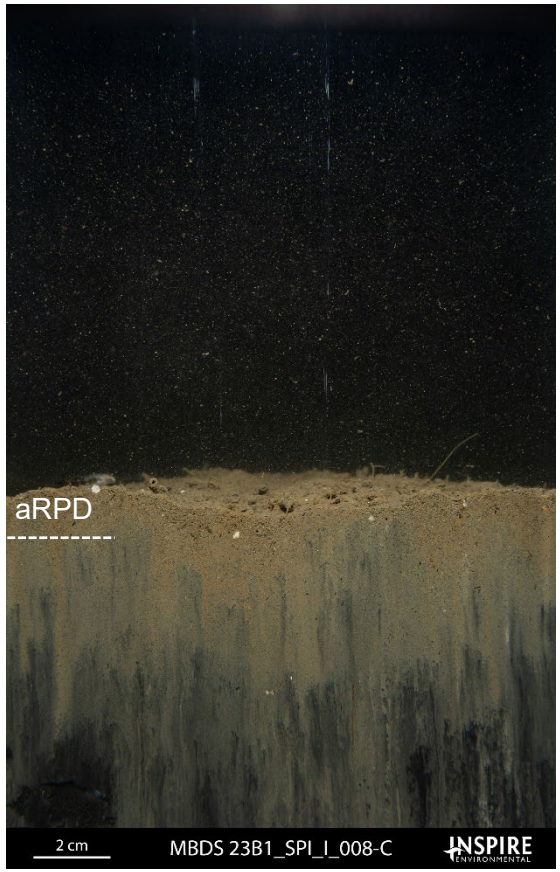


Figure 3-26. Profile images depicting general depth of aRPDs at Mound I (A) an aRPD depth of approximately 2.0 cm at Station 006; and (B) an aRPD depth of approximately 1.0 cm at Station 008

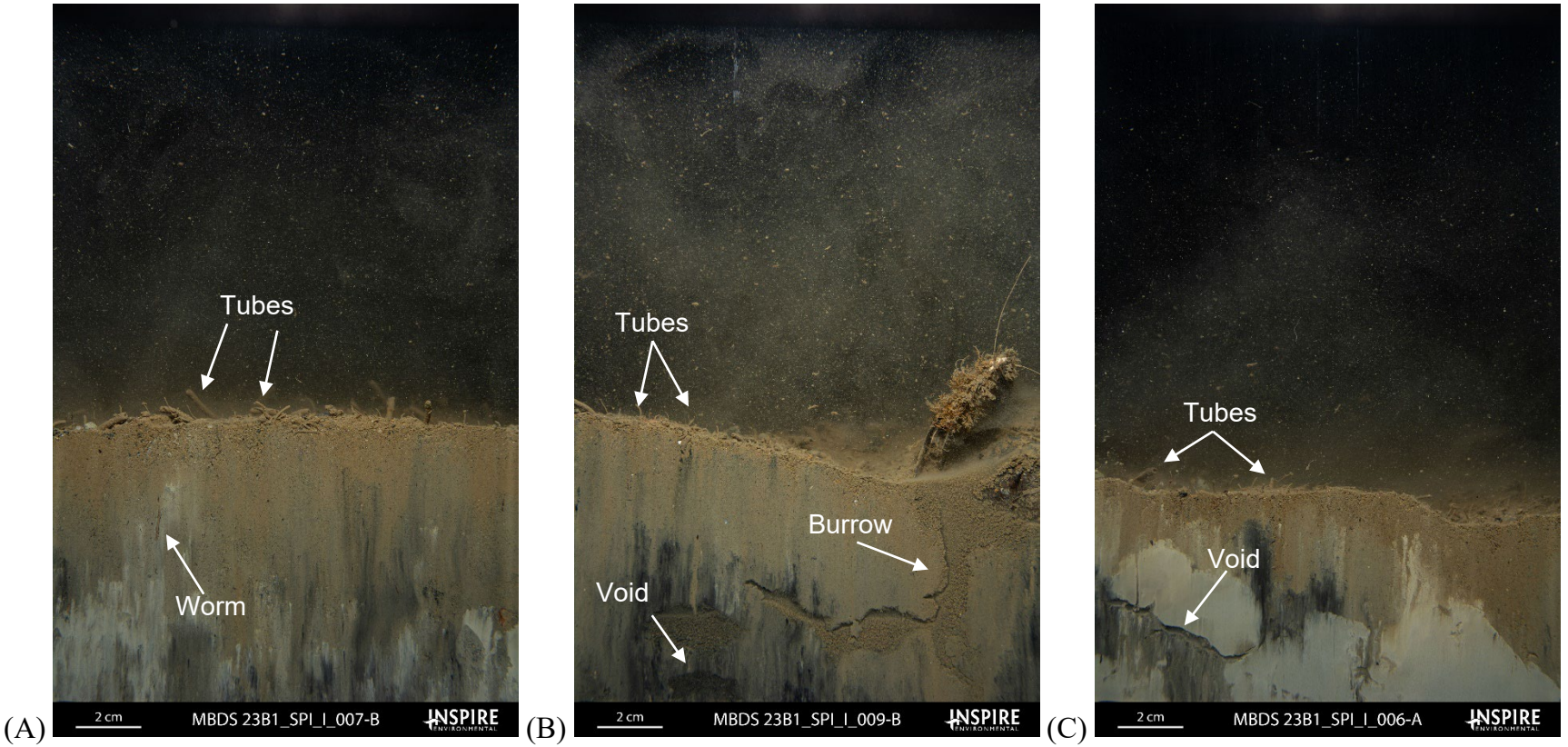


Figure 3-27. Profile images depicting the characteristics of Stage 2 on 3 succession at Mound I; (A) tubes at the sediment–water interface and multiple worms visible in burrows at Station 007; (B) tubes at the sediment–water interface, a large, bisected burrow, and subsurface feeding voids at Station 009; and (C) tubes at the sediment–water interface and subsurface feeding voids at Station 006

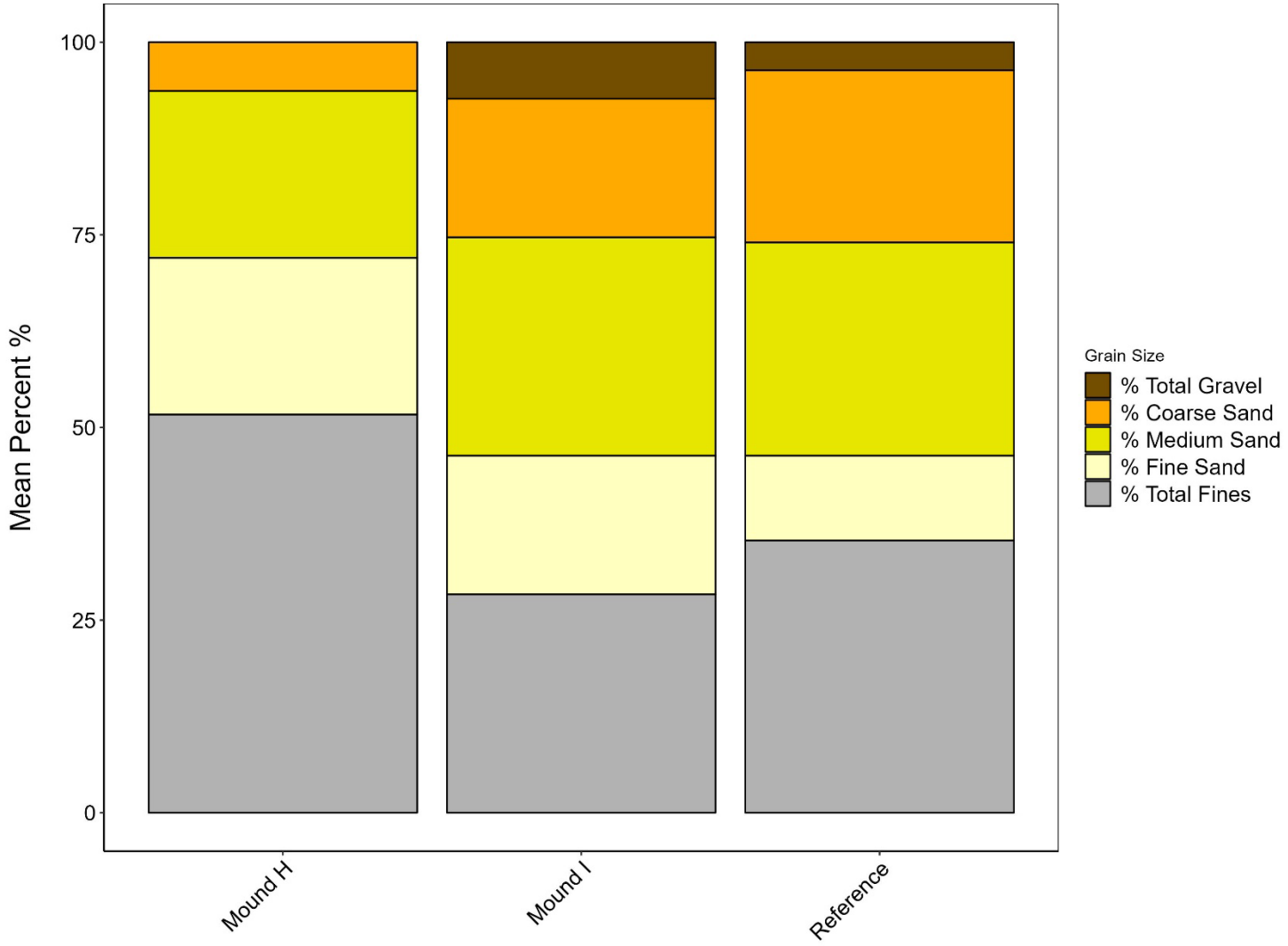


Figure 3-28. Plot of the distribution of grain sizes in sediment samples collected at MBDS at Mound H, Mound I, and the reference area MBD-REF

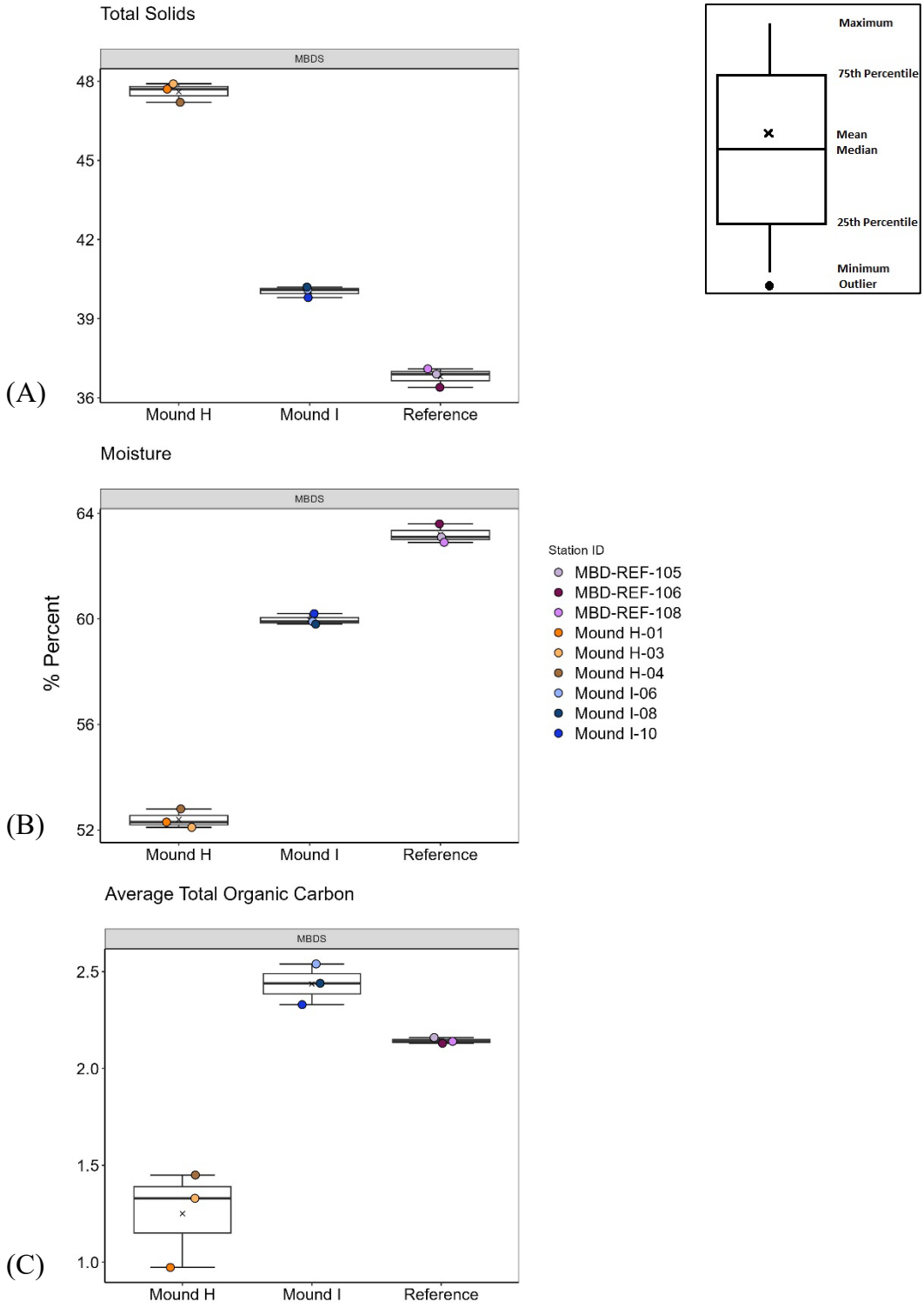


Figure 3-29. Plots of the percentage of (A) total solids and (B) moisture in sediment samples collected at MBDS at Mound H, Mound I, and the reference area MBD-REF; and (C) the percentage of total organic carbon in sediment samples collected at MBDS at Mound H, Mound I, and the reference area MBD-REF

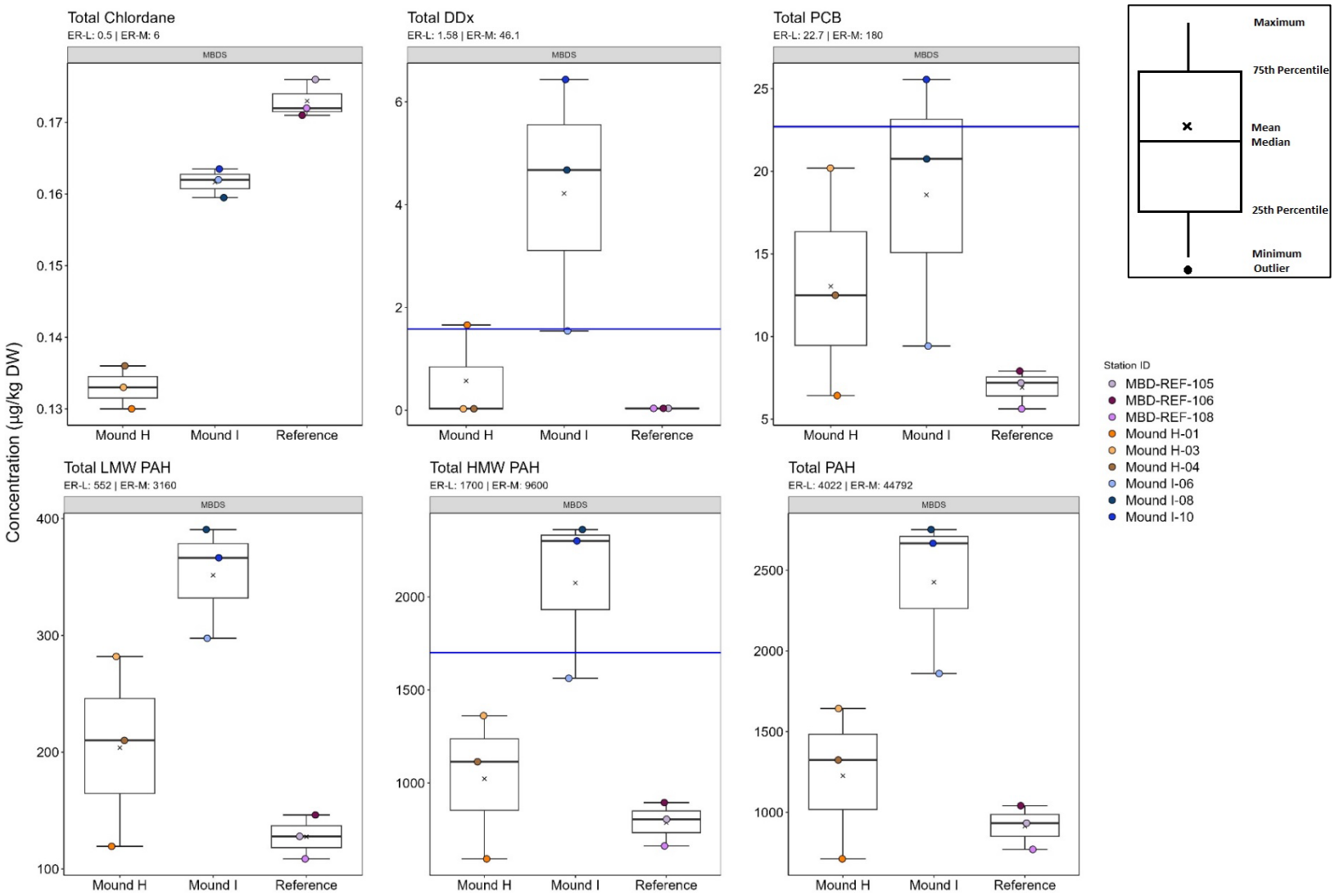


Figure 3-30. Plots of the concentrations of the RIM suite of total organic compounds analyzed in sediment samples collected at MBDS at Mound H, Mound I, and the reference area MBD-REF

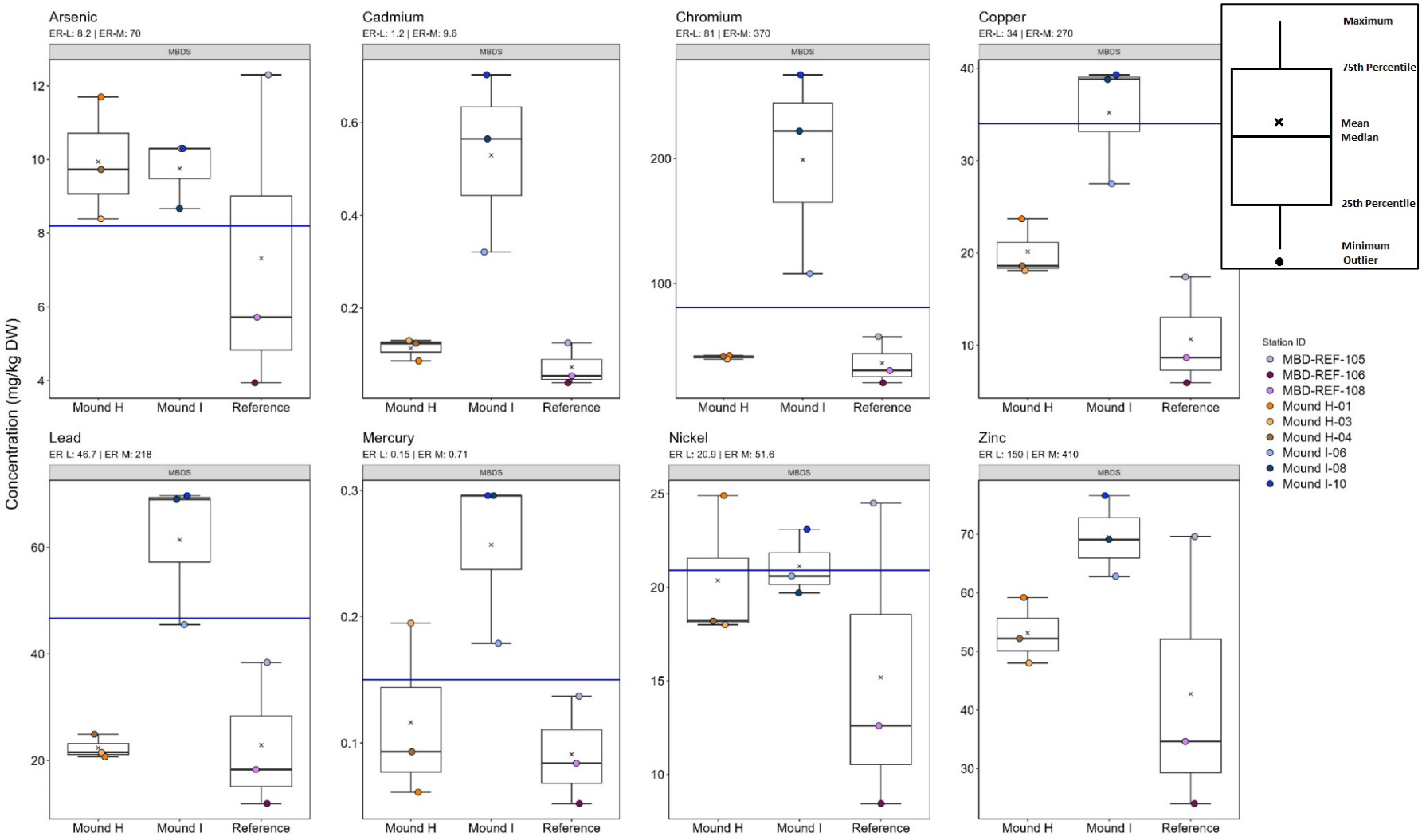


Figure 3-31. Plots of the concentrations of the RIM suite of metals analyzed in sediment samples collected at MBDS at Mound H, Mound I, and the reference area MBD-REF

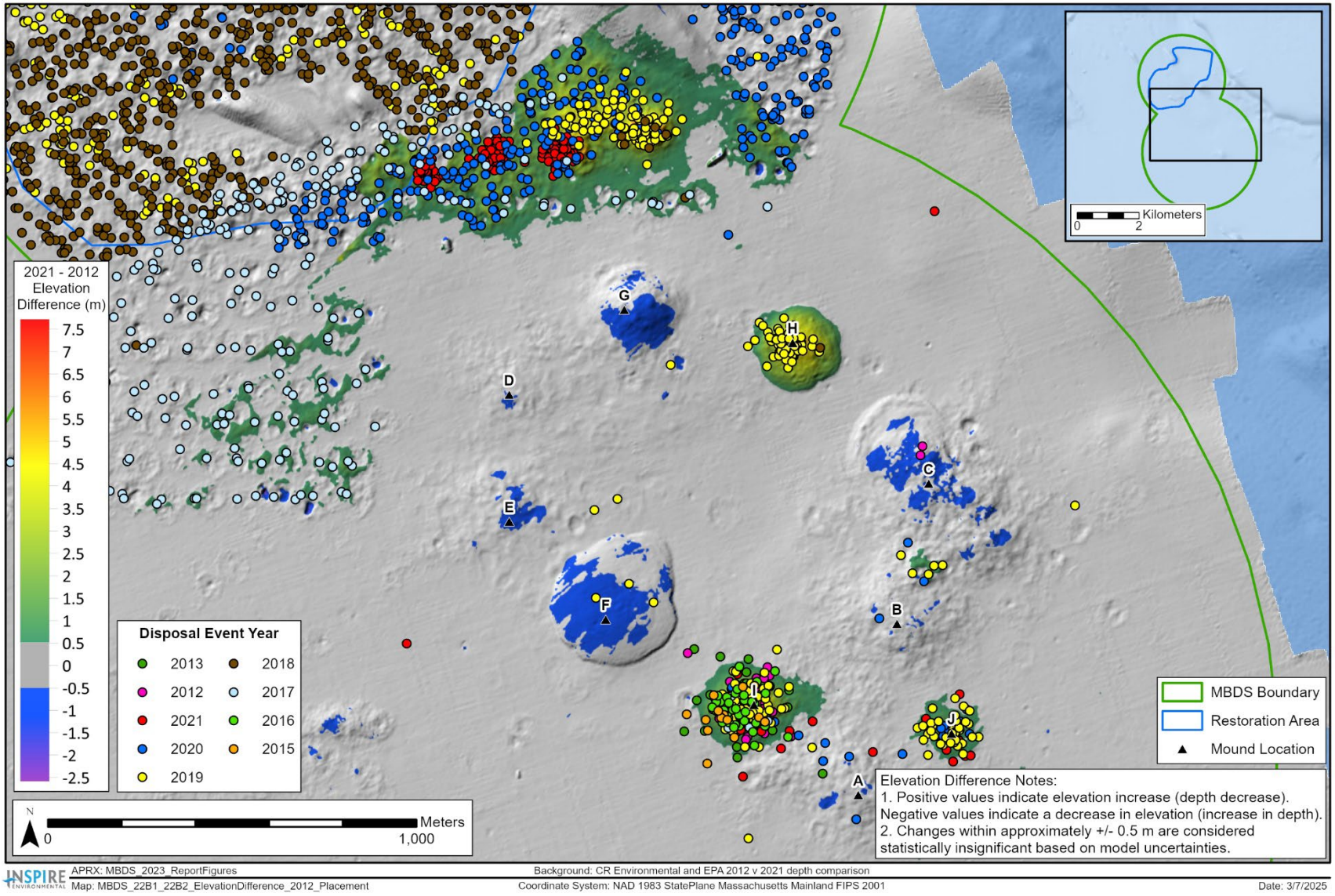


Figure 4-1. Dredged material disposal locations (September 2012 to July 2021) and the elevation change (September 2012 vs. July 2021) at MBDS mound area

(A) 

(B) 

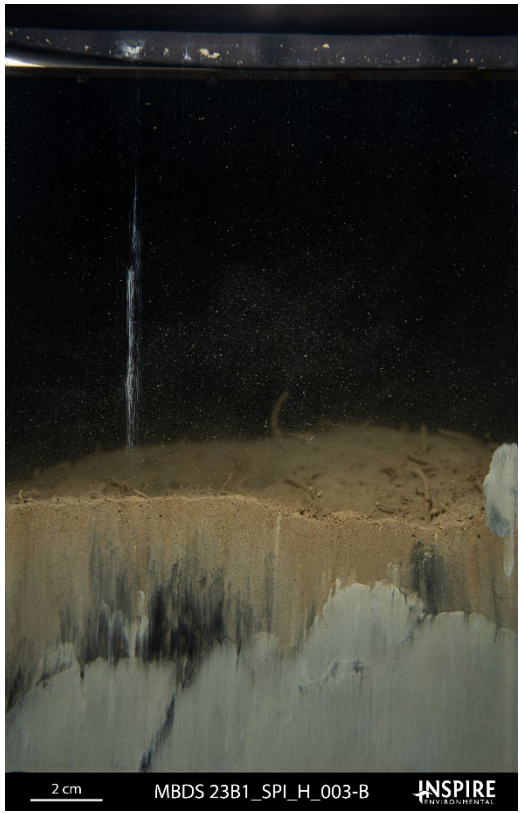
(C) 

Figure 4-2. Profile images of Boston blue clay at MBDS; (A) Boston blue clay at Station 08 at Mound F in 2007; (B) Boston blue clay at Station 07 at Mound F in 2007; and (C) Boston blue clay at Station 003 at Mound H in 2023. Please note: the 2023 SPI images were processed at a higher contrast than in 2007.

(A) 

(B) 

Figure 4-3. Profile images depicting the differences in clay content of the sediments imaged at (A) Mound H and (B) Mound I

MONITORING SURVEY AT THE
MASSACHUSETTS BAY DISPOSAL SITE
SEPTEMBER 2023

APPENDICES

CONTRIBUTION #218

April 2025

Contract No. W912WJ-19-D-0010
PWS4

Funded and Managed by:
New England District
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Prepared by:
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LIST OF APPENDICES

APPENDIX A - TABLE OF COMMON CONVERSIONS

APPENDIX A

TABLE OF COMMON CONVERSIONS

Metric Unit Conversion to English Unit		**English Unit Conversion to Metric Unit**	
1 meter	3.2808 ft	1 foot	0.3048 m
1 m		1 ft	
1 square meter	10.7639 ft^2	1 square foot	0.0929 m^2
1 m^2		1 ft^2	
1 kilometer	0.6214 mi	1 mile	1.6093 km
1 km		1 mi	
1 cubic meter	1.3080 yd^3	1 cubic yard	0.7646 m^3
1 m^3		1 yd^3	
1 centimeter	0.3937 in	1 inch	2.54 cm
1 cm		1 in	

APPENDIX B - MBDS DISPOSAL LOG DATA FROM SEPTEMBER 2012 TO JUNE 2021

Notes:

Disposal Log Data provided by USACE NAE, February 2024

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Rock Removal	MBDS-2012	150	115	2012-09-27	42.41	-70.6768	W912WJ-12-C-0009
Boston Rock Removal	MBDS-2012	150	115	2012-09-30	42.42617	-70.57178	W912WJ-12-C-0009
Boston Rock Removal	MBDS-2012	150	115	2012-09-30	42.42618	-70.57188	W912WJ-12-C-0009
Boston Rock Removal	MBDS-2012	150	115	2012-10-03	42.42595	-70.57185	W912WJ-12-C-0009
Boston Rock Removal	MBDS-2012	150	115	2012-10-04	42.42598	-70.57192	W912WJ-12-C-0009
Allen Harbor	MBDS-2012	673	515	2012-10-26	42.41952	-70.5779	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-04	42.41988	-70.57787	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-05	42.41993	-70.57805	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-05	42.41993	-70.57805	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-11	42.42027	-70.57792	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-13	42.42118	-70.5796	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-19	42.41932	-70.5782	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-20	42.42008	-70.57775	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-21	42.42082	-70.57697	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-11-27	42.42027	-70.5771	NAE-2005-010995
Salem Wharf	MBDS-2012	850	650	2012-11-27	42.42025	-70.57708	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-11-29	42.41962	-70.57778	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-11-29	42.41982	-70.57783	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-11-30	42.4198	-70.5788	NAE-2005-010995
Salem Wharf	MBDS-2012	850	650	2012-11-30	42.4198	-70.57883	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-01	42.42012	-70.57843	NAE-2005-010995
Salem Wharf	MBDS-2012	800	612	2012-12-01	42.42008	-70.57852	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-01	42.41905	-70.57772	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-12-03	42.41958	-70.57858	NAE-2005-010995
Salem Wharf	MBDS-2012	850	650	2012-12-03	42.41963	-70.87862	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-03	42.41958	-70.57847	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-12-03	42.41965	-70.57715	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-12-04	42.4203	-70.57818	NAE-2005-010995
Salem Wharf	MBDS-2012	850	650	2012-12-04	42.4203	-70.57822	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-04	42.42047	-70.57823	NAE-2005-010995
Salem Wharf	MBDS-2012	850	650	2012-12-04	42.42047	-70.57827	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-05	42.42007	-70.57838	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-12-06	42.42055	-70.57735	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2012-12-06	42.4192	-70.5771	NAE-2009-00209
Salem Wharf	MBDS-2012	700	535	2012-12-07	42.42063	-70.57738	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-07	42.41972	-70.57683	NAE-2005-010995
Salem Wharf	MBDS-2012	675	516	2012-12-07	42.41972	-70.5768	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-07	42.42055	-70.5771	NAE-2005-010995
Salem Wharf	MBDS-2012	725	554	2012-12-08	42.4206	-70.57715	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-08	42.4198	-70.57802	NAE-2005-010995
Salem Wharf	MBDS-2012	750	573	2012-12-08	42.41985	-70.57807	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-08	42.42042	-70.5774	NAE-2005-010995
Salem Wharf	MBDS-2012	775	593	2012-12-09	42.42045	-70.57742	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-09	42.41947	-70.5773	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-12-09	42.41965	-70.57818	NAE-2005-010995
Salem Wharf	MBDS-2012	700	535	2012-12-09	42.41965	-70.57818	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-09	42.41978	-70.57765	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-12-11	42.41947	-70.57748	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-12-12	42.4199	-70.57815	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2012-12-12	42.41948	-70.57777	NAE-2005-010995
Salem Wharf	MBDS-2012	625	478	2012-12-12	42.4195	-70.57792	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-13	42.41993	-70.57788	NAE-2005-010995
Salem Wharf	MBDS-2012	650	497	2012-12-13	42.42007	-70.57805	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-13	42.42007	-70.57802	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2012-12-13	42.4198	-70.57712	NAE-2009-00209
Salem Wharf	MBDS-2012	650	497	2012-12-13	42.4201	-70.57813	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-14	42.41912	-70.57767	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2012-12-14	42.41912	-70.57622	NAE-2009-00209
Salem Wharf	MBDS-2012	675	516	2012-12-14	42.41912	-70.57767	NAE200501095
Salem Wharf	MBDS-2012	771	589	2012-12-14	42.41923	-70.57812	NAE-2005-010995
Salem Wharf	MBDS-2012	700	535	2012-12-14	42.41927	-70.57819	NAE200501095
Allen Harbor	MBDS-2012	673	515	2012-12-15	42.41935	-70.57722	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-12-16	42.41945	-70.57733	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2012-12-31	42.42032	-70.57738	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-03	42.42003	-70.57763	NAE-2009-00209
Salem Wharf	MBDS-2012	600	459	2013-01-03	42.41965	-70.57827	NAE200501095
Salem Wharf	MBDS-2012	771	589	2013-01-04	42.4196	-70.57818	NAE-2005-010995
Salem Wharf	MBDS-2012	625	478	2013-01-04	42.4196	-70.5781	NAE200501095
Allen Harbor	MBDS-2012	673	515	2013-01-04	42.41987	-70.57747	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-05	42.42037	-70.57763	NAE-2005-010995

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Salem Wharf	MBDS-2012	675	516	2013-01-06	42.42043	-70.57767	NAE200501095
Allen Harbor	MBDS-2012	673	515	2013-01-06	42.41985	-70.57792	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-06	42.4198	-70.57805	NAE-2005-010995
Salem Wharf	MBDS-2012	600	459	2013-01-06	42.41988	-70.57818	NAE200501095
Allen Harbor	MBDS-2012	673	515	2013-01-07	42.42108	-70.57853	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-07	42.42005	-70.57815	NAE-2005-010995
Salem Wharf	MBDS-2012	771	589	2013-01-07	42.42013	-70.5781	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-08	42.42003	-70.57818	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-08	42.42015	-70.57887	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-08	42.41993	-70.57832	NAE-2005-010995
Salem Wharf	MBDS-2012	771	589	2013-01-09	42.42015	-70.57803	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-11	42.41862	-70.578	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-11	42.4201	-70.57825	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-11	42.42013	-70.57743	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-12	42.42102	-70.5776	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-12	42.42003	-70.5775	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-12	42.42035	-70.57717	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-14	42.4195	-70.57718	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-14	42.4199	-70.57748	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-14	42.4201	-70.57757	NAE-2005-010995
Salem Wharf	MBDS-2012	771	589	2013-01-14	42.42008	-70.57795	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-15	42.41982	-70.57762	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-16	42.42043	-70.57775	NAE-2009-00209
Salem Wharf	MBDS-2012	771	589	2013-01-16	42.42013	-70.57745	NAE-2005-010995
Allen Harbor	MBDS-2012	673	515	2013-01-17	42.41937	-70.57717	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-26	42.42025	-70.5774	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-28	42.41983	-70.57838	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-28	42.41975	-70.57795	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-30	42.41953	-70.57828	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-01-30	42.4207	-70.57768	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-03	42.41992	-70.57783	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-05	42.41945	-70.57743	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-05	42.4207	-70.57767	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-07	42.41947	-70.57695	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-12	42.42022	-70.5778	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-12	42.4202	-70.57733	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-14	42.4182	-70.5752	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-14	42.41887	-70.57802	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-15	42.42035	-70.5769	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-16	42.4193	-70.57723	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-20	42.41937	-70.57768	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-02-20	42.42025	-70.57628	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-03-01	42.41955	-70.57733	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-03-02	42.41988	-70.57745	NAE-2009-00209
Allen Harbor	MBDS-2012	673	515	2013-03-04	42.4195	-70.57775	NAE-2009-00209
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-11-20	42.41932	-70.5771	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-11-21	42.41983	-70.57633	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-11-22	42.41952	-70.57735	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-11-30	42.41927	-70.57975	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-12-02	42.41927	-70.57683	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-12-03	42.41927	-70.57907	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-12-04	42.41945	-70.57797	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-12-05	42.42128	-70.57938	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	701	536	2013-12-06	42.42002	-70.57932	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	659	504	2013-12-07	42.4194	-70.57793	NAE-2007-2344
Hull Harbor - Nantasket Pier	MBDS-2012	600	459	2013-12-20	42.4199	-70.57815	NAE-2007-2344
Citgo Petroleum	MBDS-2012	3600	2752	2015-01-17	42.41965	-70.579313	NAE-2008-2721
Cottage Park Yacht Club	MBDS-2012	527	403	2015-11-24	42.41965	-70.57843	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-11-25	42.4191	-70.5781	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-11-28	42.42013	-70.57875	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-11-29	42.41847	-70.579	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-01	42.41953	-70.57903	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-03	42.42033	-70.5778	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-05	42.41958	-70.57852	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-08	42.41975	-70.57862	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-11	42.41928	-70.57897	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-13	42.42035	-70.57742	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-18	42.41953	-70.57832	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-20	42.41968	-70.57965	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-22	42.41958	-70.57728	NAE-2010-2322

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Cottage Park Yacht Club	MBDS-2012	527	403	2015-12-31	42.41947	-70.57707	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2016-01-03	42.4189	-70.57743	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2016-01-06	42.42083	-70.5779	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	527	403	2016-01-12	42.42045	-70.57733	NAE-2010-2322
Cottage Park Yacht Club	MBDS-2012	541	414	2016-01-22	42.41937	-70.57708	NAE-2010-2322
Salem Wharf	MBDS-2012	645	493	2016-01-27	42.41992	-70.57742	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-01-28	42.41962	-70.57792	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-01-29	42.41938	-70.57792	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-01-29	42.41995	-70.57753	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-01-31	42.42017	-70.57705	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-01-31	42.42	-70.57775	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-01	42.42018	-70.57805	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-02	42.41997	-70.57855	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-03	42.42012	-70.57777	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-04	42.41923	-70.57748	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-06	42.4207	-70.57673	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-07	42.41997	-70.5775	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-10	42.42027	-70.57797	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-11	42.42008	-70.57832	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-12	42.4195	-70.57775	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-13	42.41965	-70.57793	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-15	42.41945	-70.57737	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-18	42.41958	-70.57828	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-21	42.4194	-70.57805	NAE-2005-01095
Salem Wharf	MBDS-2012	645	493	2016-02-21	42.41972	-70.57772	NAE-2005-01095
Salem Wharf	MBDS-2012	665	508	2016-03-03	42.4191	-70.57632	NAE-2005-01095
Quincy Shipyard	MBDS 14/15	2192	1676	2016-10-21	42.419978	-70.578678	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	1906	1457	2016-10-22	42.419758	-70.578678	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2278	1742	2016-10-24	42.419463	-70.578273	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2595	1984	2016-10-25	42.419468	-70.578482	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2055	1571	2016-10-26	42.419693	-70.578318	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2433	1860	2016-10-27	42.419792	-70.578182	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2352	1798	2016-10-30	42.419348	-70.57811	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2932	2242	2016-10-30	42.419845	-70.578812	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2454	1876	2016-11-01	42.419768	-70.578133	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2923	2235	2016-11-02	42.41995	-70.57826	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	2232	1706	2016-11-04	42.419798	-70.57804	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	1245	952	2016-11-05	42.419762	-70.578438	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	1512	1156	2016-12-14	42.420118	-70.578628	NAE-2011-00212-2017
Eversource Energy	MBDS 14/15	389	297	2017-01-15	42.4201	-70.57817	NAE-2016-1163-2016
Eversource Energy	MBDS 14/15	238	182	2017-01-20	42.41933	-70.57828	NAE-2016-1163-2016
Quincy Shipyard	MBDS 14/15	2545	1946	2017-02-11	42.419493	-70.576977	NAE-2011-00212-2017
Quincy Shipyard	MBDS 14/15	1534	1173	2017-02-18	42.419337	-70.577597	NAE-2011-00212-2017
Boston Harbor Maintenance Dredging 2017	MBDS	5426	4149	2017-07-30	42.425077	-70.601585	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5224	3994	2017-07-31	42.425367	-70.600782	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	6045	4622	2017-07-31	42.425028	-70.602185	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4974	3803	2017-08-01	42.425275	-70.598588	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5679	4342	2017-08-01	42.42505	-70.600212	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5783	4421	2017-08-01	42.425082	-70.599345	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5173	3955	2017-08-02	42.425207	-70.598178	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5908	4517	2017-08-02	42.425088	-70.598132	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4936	3773	2017-08-03	42.425058	-70.59689	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5111	3908	2017-08-03	42.42495	-70.597048	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4981	3808	2017-08-04	42.425068	-70.595805	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4786	3659	2017-08-04	42.425045	-70.594392	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5630	4304	2017-08-04	42.425067	-70.595743	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4971	3801	2017-08-05	42.425018	-70.592478	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5898	4509	2017-08-05	42.425112	-70.593777	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4676	3575	2017-08-06	42.425097	-70.5919	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5984	4575	2017-08-06	42.425083	-70.593195	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5524	4223	2017-08-06	42.425133	-70.592295	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4971	3800	2017-08-07	42.425197	-70.590947	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4965	3796	2017-08-07	42.4261	-70.601618	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5763	4406	2017-08-07	42.425143	-70.590793	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4802	3671	2017-08-08	42.425732	-70.6001	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5419	4143	2017-08-08	42.426005	-70.601852	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4748	3630	2017-08-09	42.426052	-70.5992	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5438	4158	2017-08-09	42.426418	-70.60032	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5732	4382	2017-08-09	42.426082	-70.599508	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5636	4309	2017-08-10	42.425998	-70.598008	W912WJ-16-C-0036

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Maintenance Dredging 2017	MBDS	5096	3896	2017-08-10	42.426277	-70.596272	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5713	4368	2017-08-10	42.426057	-70.59794	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5151	3938	2017-08-11	42.426042	-70.594407	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5225	3994	2017-08-12	42.426053	-70.595388	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5390	4121	2017-08-12	42.42591	-70.593572	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5730	4380	2017-08-12	42.426288	-70.594455	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5261	4022	2017-08-14	42.426163	-70.592765	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5114	3910	2017-08-14	42.42597	-70.594355	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5390	4121	2017-08-14	42.425992	-70.592983	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4776	3652	2017-08-15	42.425812	-70.591248	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5816	4446	2017-08-15	42.425928	-70.591665	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5607	4286	2017-08-16	42.425828	-70.590597	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5236	4003	2017-08-16	42.425942	-70.590723	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5493	4199	2017-08-17	42.427015	-70.600403	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4977	3805	2017-08-17	42.427173	-70.598787	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4957	3790	2017-08-17	42.426933	-70.60029	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5634	4307	2017-08-18	42.427078	-70.599328	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5522	4222	2017-08-18	42.426915	-70.599267	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5972	4566	2017-08-18	42.42718	-70.597822	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5412	4138	2017-08-19	42.427098	-70.597657	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5724	4376	2017-08-19	42.427042	-70.596738	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4968	3798	2017-08-20	42.426865	-70.596062	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5574	4262	2017-08-20	42.426868	-70.595038	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	2131	1629	2017-08-20	42.426888	-70.594807	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5730	4381	2017-08-21	42.427135	-70.594865	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5309	4059	2017-08-21	42.4271	-70.594608	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5821	4450	2017-08-21	42.427057	-70.593023	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5541	4236	2017-08-22	42.426917	-70.593792	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5548	4242	2017-08-22	42.426922	-70.592487	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5350	4090	2017-08-22	42.426965	-70.59158	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5496	4202	2017-08-23	42.427108	-70.591493	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5934	4536	2017-08-23	42.426772	-70.589825	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5158	3944	2017-08-23	42.42794	-70.598693	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5605	4285	2017-08-24	42.426773	-70.591155	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	3833	2930	2017-08-24	42.427853	-70.597415	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5652	4321	2017-08-24	42.428155	-70.598813	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5451	4168	2017-08-25	42.427567	-70.596425	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5283	4039	2017-08-25	42.427703	-70.597757	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5944	4544	2017-08-25	42.427512	-70.596832	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5699	4357	2017-08-26	42.427675	-70.592713	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5765	4408	2017-08-26	42.4278	-70.593988	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5718	4372	2017-08-26	42.427622	-70.59514	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5297	4050	2017-08-27	42.428085	-70.592972	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5300	4052	2017-08-27	42.427743	-70.59397	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5815	4446	2017-08-27	42.427565	-70.592523	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5516	4217	2017-08-28	42.427883	-70.591567	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5532	4229	2017-08-28	42.427835	-70.590415	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5294	4047	2017-08-28	42.427727	-70.591518	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5765	4407	2017-08-29	42.429168	-70.597837	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5295	4048	2017-08-29	42.428182	-70.59012	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5771	4412	2017-08-29	42.428767	-70.59803	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5591	4275	2017-08-30	42.428885	-70.59717	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5432	4153	2017-08-30	42.428703	-70.596002	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5606	4286	2017-08-30	42.428765	-70.597427	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5399	4128	2017-08-31	42.428755	-70.594407	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5578	4264	2017-08-31	42.42875	-70.595985	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5489	4197	2017-08-31	42.428722	-70.59488	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5724	4376	2017-09-01	42.428815	-70.59299	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5963	4559	2017-09-01	42.428672	-70.593895	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5277	4034	2017-09-02	42.428632	-70.592608	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5270	4029	2017-09-02	42.428883	-70.591348	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5474	4185	2017-09-02	42.428633	-70.592868	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5553	4246	2017-09-03	42.42544	-70.601458	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5773	4413	2017-09-03	42.42896	-70.591345	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5444	4162	2017-09-04	42.429863	-70.598143	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5794	4430	2017-09-04	42.425208	-70.599797	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5646	4317	2017-09-05	42.429957	-70.596375	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5988	4578	2017-09-05	42.429517	-70.59841	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5573	4261	2017-09-06	42.42991	-70.595797	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5260	4021	2017-09-06	42.429478	-70.596602	W912WJ-16-C-0036

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Maintenance Dredging 2017	MBDS	5767	4409	2017-09-06	42.429525	-70.595825	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5518	4219	2017-09-07	42.430143	-70.59428	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5315	4063	2017-09-07	42.429817	-70.594532	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5217	3988	2017-09-08	42.42973	-70.593218	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5286	4041	2017-09-08	42.429695	-70.591673	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4482	3427	2017-09-08	42.429997	-70.593692	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5429	4150	2017-09-09	42.43066	-70.596965	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5029	3845	2017-09-09	42.42944	-70.591165	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5745	4392	2017-09-09	42.430788	-70.595652	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5801	4435	2017-09-10	42.430567	-70.594063	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5604	4284	2017-09-10	42.430927	-70.591918	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5922	4528	2017-09-10	42.430545	-70.59316	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5600	4281	2017-09-11	42.431615	-70.593927	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	6073	4643	2017-09-11	42.43164	-70.595288	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5413	4138	2017-09-11	42.429552	-70.59033	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4483	3427	2017-09-11	42.429872	-70.592513	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4139	3164	2017-09-11	42.431568	-70.592665	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4973	3802	2017-09-12	42.430712	-70.59563	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5287	4042	2017-09-12	42.431398	-70.59217	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4795	3666	2017-09-12	42.43082	-70.597088	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4429	3386	2017-09-12	42.432475	-70.594283	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5176	3957	2017-09-13	42.430658	-70.593087	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5788	4425	2017-09-13	42.430567	-70.594558	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5310	4060	2017-09-13	42.432648	-70.59169	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	3810	2913	2017-09-13	42.432262	-70.592812	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5561	4252	2017-09-14	42.432333	-70.589	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5875	4492	2017-09-14	42.43159	-70.59552	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4057	3101	2017-09-14	42.430747	-70.59207	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4575	3498	2017-09-14	42.431503	-70.594632	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4525	3459	2017-09-14	42.432412	-70.590488	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5457	4172	2017-09-15	42.431365	-70.592113	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5572	4260	2017-09-15	42.431368	-70.592915	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4923	3764	2017-09-15	42.432202	-70.586748	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4423	3382	2017-09-15	42.432502	-70.58812	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5155	3941	2017-09-15	42.432288	-70.585465	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5543	4238	2017-09-16	42.432443	-70.592777	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5403	4131	2017-09-16	42.432187	-70.584173	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4479	3425	2017-09-16	42.432672	-70.5937	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4413	3374	2017-09-17	42.432265	-70.590045	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5855	4476	2017-09-17	42.43238	-70.58132	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4542	3472	2017-09-17	42.432233	-70.591825	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4140	3165	2017-09-17	42.432377	-70.58961	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4918	3760	2017-09-17	42.432043	-70.583298	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4666	3567	2017-09-18	42.432318	-70.587562	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	6042	4619	2017-09-18	42.432037	-70.576807	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4277	3270	2017-09-18	42.432273	-70.587135	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5072	3877	2017-09-18	42.432108	-70.580408	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4939	3776	2017-09-18	42.433245	-70.592277	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4981	3808	2017-09-19	42.431947	-70.585518	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5692	4352	2017-09-19	42.432108	-70.584195	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	2415	1846	2017-09-19	42.433125	-70.59093	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5210	3983	2017-09-23	42.432192	-70.580575	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5352	4092	2017-09-24	42.432158	-70.580615	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5839	4464	2017-09-24	42.43223	-70.581798	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5033	3848	2017-09-24	42.433172	-70.588252	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4844	3704	2017-09-24	42.43351	-70.589453	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5066	3873	2017-09-24	42.433402	-70.587297	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	3654	2794	2017-09-25	42.433402	-70.59182	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5831	4458	2017-09-25	42.432352	-70.579375	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5245	4010	2017-09-25	42.433457	-70.590483	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4813	3679	2017-09-25	42.433118	-70.586082	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4884	3734	2017-09-25	42.433213	-70.583418	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4897	3744	2017-09-25	42.433258	-70.584807	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5152	3939	2017-09-26	42.430665	-70.5977	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5730	4381	2017-09-26	42.431523	-70.595937	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	0	0	2017-09-26	42.431085	-70.596902	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4930	3769	2017-09-26	42.430782	-70.59756	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4778	3653	2017-09-26	42.430505	-70.598288	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5669	4334	2017-09-27	42.432305	-70.592843	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5575	4262	2017-09-27	42.431685	-70.5947	W912WJ-16-C-0036

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Maintenance Dredging 2017	MBDS	5241	4007	2017-09-27	42.432315	-70.592818	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4357	3331	2017-09-27	42.431748	-70.59519	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5015	3834	2017-09-27	42.431393	-70.596307	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4736	3621	2017-09-27	42.432147	-70.594018	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5312	4061	2017-09-28	42.432683	-70.591358	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5229	3998	2017-09-28	42.433023	-70.590368	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4277	3270	2017-09-28	42.43229	-70.592978	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4828	3691	2017-09-28	42.432398	-70.591815	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5183	3962	2017-09-29	42.433027	-70.588922	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5484	4193	2017-09-29	42.434058	-70.586683	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5240	4006	2017-09-29	42.433547	-70.589568	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4470	3418	2017-09-29	42.432753	-70.590545	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4727	3614	2017-09-29	42.43348	-70.58811	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5665	4331	2017-09-30	42.434688	-70.584115	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5450	4166	2017-09-30	42.434027	-70.587152	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4028	3080	2017-09-30	42.433588	-70.5885	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4165	3184	2017-09-30	42.43391	-70.586437	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5038	3852	2017-09-30	42.434585	-70.586022	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4896	3743	2017-09-30	42.434715	-70.583895	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5504	4208	2017-10-01	42.431633	-70.595933	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5620	4297	2017-10-01	42.434643	-70.584613	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4560	3486	2017-10-01	42.431798	-70.595323	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4835	3696	2017-10-01	42.43524	-70.583538	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5473	4185	2017-10-02	42.432058	-70.594457	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5321	4068	2017-10-02	42.433037	-70.591745	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5451	4167	2017-10-02	42.431645	-70.596805	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5802	4436	2017-10-02	42.432072	-70.594818	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4016	3070	2017-10-02	42.432258	-70.593607	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4756	3636	2017-10-02	42.431887	-70.59606	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5305	4056	2017-10-03	42.433482	-70.589408	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5989	4579	2017-10-03	42.433208	-70.592208	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4880	3731	2017-10-03	42.432915	-70.591327	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4271	3265	2017-10-03	42.43384	-70.589133	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4953	3787	2017-10-03	42.432588	-70.593608	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5414	4139	2017-10-04	42.433962	-70.587352	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5927	4531	2017-10-04	42.433508	-70.59021	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4594	3512	2017-10-04	42.434648	-70.586262	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4990	3815	2017-10-04	42.43352	-70.591268	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5239	4005	2017-10-04	42.433892	-70.58932	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5360	4098	2017-10-05	42.434552	-70.585365	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5433	4153	2017-10-05	42.432417	-70.594112	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4630	3540	2017-10-05	42.434527	-70.588055	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4822	3687	2017-10-05	42.434797	-70.586813	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5683	4345	2017-10-06	42.432772	-70.593005	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5690	4350	2017-10-06	42.43273	-70.593755	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4574	3497	2017-10-06	42.434515	-70.58575	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4517	3453	2017-10-06	42.433145	-70.592345	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4896	3743	2017-10-06	42.432412	-70.594942	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5515	4216	2017-10-07	42.433468	-70.590575	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5764	4407	2017-10-07	42.434465	-70.587907	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5380	4113	2017-10-07	42.433747	-70.591332	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4774	3650	2017-10-07	42.434093	-70.589448	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4555	3482	2017-10-07	42.43336	-70.592695	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5569	4258	2017-10-08	42.430402	-70.59722	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5742	4390	2017-10-08	42.434148	-70.588843	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4759	3639	2017-10-08	42.434468	-70.587163	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4179	3195	2017-10-08	42.431145	-70.596222	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4644	3550	2017-10-08	42.434113	-70.590377	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5157	3943	2017-10-08	42.434775	-70.58781	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5524	4224	2017-10-09	42.432128	-70.593185	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	6064	4636	2017-10-09	42.430677	-70.597082	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5748	4394	2017-10-09	42.432558	-70.591087	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4426	3384	2017-10-09	42.432545	-70.592868	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5091	3893	2017-10-09	42.431617	-70.594867	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5091	3892	2017-10-10	42.432862	-70.590323	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5697	4356	2017-10-10	42.434382	-70.585605	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4769	3646	2017-10-10	42.433725	-70.588177	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5503	4207	2017-10-11	42.432023	-70.59542	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	1847	1412	2017-10-11	42.432412	-70.592477	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5173	3955	2017-10-11	42.434795	-70.58389	W912WJ-16-C-0036

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Maintenance Dredging 2017	MBDS	5541	4236	2017-10-12	42.43304	-70.591152	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5684	4345	2017-10-12	42.43461	-70.584593	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5548	4241	2017-10-12	42.433782	-70.589118	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4529	3462	2017-10-12	42.4338	-70.586907	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4844	3703	2017-10-12	42.433085	-70.589285	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4727	3614	2017-10-12	42.434472	-70.587053	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5334	4078	2017-10-13	42.432185	-70.594238	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5530	4228	2017-10-13	42.432493	-70.594848	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	4591	3510	2017-10-13	42.431607	-70.596883	W912WJ-16-C-0036
Boston Harbor Maintenance Dredging 2017	MBDS	5066	3873	2017-10-13	42.4329	-70.592868	W912WJ-16-C-0036
Boston Harbor Improvement	MBDS	3732	2853	2018-07-10	42.431002	-70.598713	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2472	1890	2018-07-10	42.431102	-70.597755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2251	1721	2018-07-10	42.430887	-70.599713	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3820	2921	2018-07-10	42.431462	-70.598022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3727	2849	2018-07-11	42.430645	-70.599297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2516	1923	2018-07-11	42.432785	-70.593388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3671	2807	2018-07-11	42.431163	-70.597957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3374	2580	2018-07-11	42.431627	-70.596468	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2668	2040	2018-07-12	42.431785	-70.596722	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2018-07-12	42.42859	-70.575133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2663	2036	2018-07-12	42.431655	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4513	3450	2018-07-13	42.431497	-70.596205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3589	2744	2018-07-13	42.43214	-70.595745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2588	1979	2018-07-13	42.43212	-70.594923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2805	2018-07-13	42.432	-70.5951	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3784	2893	2018-07-13	42.4321	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2527	1932	2018-07-13	42.4324	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2018-07-14	42.4325	-70.5941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3606	2757	2018-07-14	42.4322	-70.5935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3758	2873	2018-07-14	42.4312	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2592	1982	2018-07-14	42.4312	-70.5999	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4047	3094	2018-07-14	42.4315	-70.5997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3596	2749	2018-07-14	42.4317	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3909	2989	2018-07-15	42.4316	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2608	1994	2018-07-15	42.431458	-70.598465	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4158	3179	2018-07-15	42.4322	-70.5971	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3591	2745	2018-07-15	42.432	-70.5977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2781	2126	2018-07-15	42.432	-70.5962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3665	2802	2018-07-15	42.4318	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4028	3080	2018-07-15	42.4321	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2749	2102	2018-07-16	42.4322	-70.5962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3116	2383	2018-07-16	42.4329	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3981	3044	2018-07-16	42.4325	-70.5953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2657	2032	2018-07-16	42.4324	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3931	3005	2018-07-16	42.4324	-70.5939	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4190	3203	2018-07-17	42.4333	-70.5942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3560	2722	2018-07-17	42.4334	-70.5931	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2789	2132	2018-07-17	42.4315	-70.6005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3038	2323	2018-07-17	42.4314	-70.6001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2005	1533	2018-07-17	42.432	-70.6004	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2877	2200	2018-07-17	42.4316	-70.5995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1623	1240	2018-07-18	42.432	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1341	1025	2018-07-18	42.4321	-70.5992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3890	2974	2018-07-18	42.4321	-70.5982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3530	2699	2018-07-18	42.4321	-70.5982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3516	2688	2018-07-18	42.4322	-70.5981	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4415	3376	2018-07-19	42.4362	-70.6019	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1648	1260	2018-07-19	42.4325	-70.5972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1779	1360	2018-07-19	42.4324	-70.5971	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2404	1838	2018-07-19	42.43304	-70.596095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3813	2915	2018-07-19	42.433	-70.5951	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1851	1415	2018-07-19	42.4332	-70.595	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2747	2100	2018-07-20	42.4333	-70.595	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3776	2886	2018-07-20	42.4316	-70.6014	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1645	1257	2018-07-20	42.4314	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2751	2103	2018-07-20	42.432	-70.6012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3815	2916	2018-07-20	42.4322	-70.5999	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3901	2982	2018-07-20	42.4319	-70.6002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3772	2883	2018-07-21	42.4325	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4284	3275	2018-07-21	42.4323	-70.5996	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	1618	1237	2018-07-21	42.4327	-70.5988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2018-07-21	42.433	-70.5979	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3818	2919	2018-07-21	42.4329	-70.5975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2641	2019	2018-07-22	42.433	-70.5964	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3671	2807	2018-07-22	42.4333	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4050	3096	2018-07-22	42.43115	-70.598173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3420	2615	2018-07-22	42.4332	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2018-07-22	42.4322	-70.6016	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1300	994	2018-07-22	42.4328	-70.6012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3675	2809	2018-07-23	42.4322	-70.6016	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3633	2777	2018-07-23	42.4326	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3582	2738	2018-07-23	42.4323	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2653	2028	2018-07-23	42.4326	-70.599	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3622	2769	2018-07-23	42.4328	-70.5995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2018-07-23	42.433	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3317	2536	2018-07-23	42.4329	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2595	1984	2018-07-24	42.4332	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2891	2018-07-24	42.4328	-70.5983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1945	1487	2018-07-24	42.4331	-70.5982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2356	1801	2018-07-24	42.4346	-70.5964	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2821	2157	2018-07-24	42.4336	-70.5971	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1807	1381	2018-07-24	42.4335	-70.5972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2774	2018-07-24	42.4324	-70.6022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2052	1569	2018-07-25	42.4325	-70.6022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2715	2076	2018-07-25	42.4328	-70.6009	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1957	1496	2018-07-25	42.4331	-70.6013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1654	1264	2018-07-25	42.4334	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2569	1964	2018-07-25	42.433	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3537	2704	2018-07-25	42.4333	-70.5997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3619	2767	2018-07-25	42.4331	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1838	1405	2018-07-26	42.4334	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1685	1288	2018-07-26	42.4311	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3749	2867	2018-07-26	42.4307	-70.5995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4183	3198	2018-07-26	42.4308	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1852	1416	2018-07-26	42.431	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1317	1007	2018-07-27	42.4314	-70.5975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3679	2812	2018-07-27	42.4318	-70.5959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4587	3507	2018-07-27	42.4316	-70.5964	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1955	1494	2018-07-27	42.432	-70.5952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3665	2802	2018-07-27	42.4318	-70.5961	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3867	2957	2018-07-27	42.4321	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2564	1960	2018-07-27	42.4327	-70.5941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4360	3334	2018-07-27	42.432767	-70.593728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3733	2854	2018-07-28	42.4311	-70.6001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3988	3049	2018-07-28	42.4311	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2018-07-28	42.4329	-70.5983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3843	2938	2018-07-28	42.432	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3813	2915	2018-07-28	42.4315	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2608	1994	2018-07-28	42.4317	-70.5976	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2570	1965	2018-07-28	42.4317	-70.5976	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3715	2841	2018-07-29	42.4322	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1969	1505	2018-07-29	42.432	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3830	2928	2018-07-29	42.4327	-70.5952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4277	3270	2018-07-29	42.4325	-70.5956	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1745	1334	2018-07-29	42.4329	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1989	1521	2018-07-29	42.4324	-70.5942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1313	1004	2018-07-29	42.4315	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2515	1923	2018-07-29	42.4315	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2018-07-29	42.4313	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1673	1279	2018-07-30	42.432	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1673	1279	2018-07-30	42.432	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3836	2933	2018-07-30	42.4317	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4308	3293	2018-07-30	42.4326	-70.5974	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3776	2887	2018-07-30	42.4323	-70.5982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3144	2018-07-30	42.4327	-70.597	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3884	2969	2018-07-30	42.4329	-70.5965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2447	1871	2018-07-30	42.433	-70.5949	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4390	3357	2018-07-31	42.4334	-70.5951	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3867	2957	2018-07-31	42.4331	-70.5948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3871	2960	2018-07-31	42.4314	-70.6005	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3812	2915	2018-07-31	42.4318	-70.6008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4641	3548	2018-07-31	42.432	-70.5999	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2394	1830	2018-07-31	42.432	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3755	2871	2018-07-31	42.4325	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3529	2698	2018-08-01	42.4325	-70.5985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4344	3321	2018-08-01	42.4328	-70.5961	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1946	1488	2018-08-01	42.4327	-70.5977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2975	2018-08-01	42.4333	-70.5965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2419	1850	2018-08-01	42.4337	-70.5964	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3537	2704	2018-08-01	42.4322	-70.6015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4336	3315	2018-08-01	42.4322	-70.6022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4102	3136	2018-08-02	42.4324	-70.6005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4474	3420	2018-08-02	42.4328	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3731	2853	2018-08-02	42.4328	-70.5994	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1946	1488	2018-08-02	42.4321	-70.5999	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3747	2864	2018-08-03	42.4331	-70.5981	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4475	3421	2018-08-03	42.4336	-70.5969	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2991	2018-08-03	42.4327	-70.6022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3689	2820	2018-08-03	42.4326	-70.602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4079	3119	2018-08-03	42.4327	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2048	1566	2018-08-03	42.434	-70.5994	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1296	991	2018-08-04	42.4332	-70.5984	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2668	2040	2018-08-04	42.4333	-70.5969	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4280	3272	2018-08-05	42.4365	-70.5879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1959	1497	2018-08-05	42.4352	-70.5887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1281	980	2018-08-05	42.4331	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4365	3337	2018-08-05	42.434	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3604	2756	2018-08-05	42.4351	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2454	1876	2018-08-06	42.4349	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2420	1850	2018-08-06	42.4348	-70.5869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2890	2018-08-06	42.4346	-70.5872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4557	3484	2018-08-06	42.4343	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1305	998	2018-08-06	42.434	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1305	998	2018-08-06	42.4341	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3800	2905	2018-08-06	42.4346	-70.5869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3054	2018-08-06	42.4347	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4229	3234	2018-08-06	42.4348	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3636	2780	2018-08-07	42.4346	-70.5868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3694	2824	2018-08-07	42.4345	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4426	3384	2018-08-07	42.4344	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4110	3142	2018-08-07	42.4345	-70.589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3587	2743	2018-08-07	42.435	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2081	1591	2018-08-08	42.4343	-70.5883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4678	3576	2018-08-08	42.4349	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3955	3024	2018-08-08	42.4346	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2949	2018-08-08	42.4349	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4271	3266	2018-08-09	42.4349	-70.5876	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2018-08-09	42.4354	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3808	2911	2018-08-09	42.4351	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4297	3285	2018-08-09	42.4353	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3763	2877	2018-08-10	42.434	-70.5884	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3514	2687	2018-08-10	42.4346	-70.5868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2018-08-10	42.4329	-70.5942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2018-08-11	42.432835	-70.594172	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3603	2754	2018-08-11	42.4357	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3034	2320	2018-08-11	42.4347	-70.589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4340	3318	2018-08-11	42.435	-70.5894	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2018-08-12	42.4349	-70.5893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3385	2588	2018-08-12	42.4353	-70.5883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2018-08-12	42.4353	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2018-08-12	42.4352	-70.5879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3595	2748	2018-08-13	42.4355	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4574	3497	2018-08-13	42.4355	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3856	2948	2018-08-13	42.4355	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3504	2679	2018-08-13	42.4356	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4697	3591	2018-08-13	42.4357	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3205	2450	2018-08-14	42.4359	-70.586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2018-08-14	42.4358	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3226	2466	2018-08-14	42.4359	-70.586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3689	2820	2018-08-14	42.435	-70.5896	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3257	2490	2018-08-15	42.4352	-70.5898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2018-08-15	42.4349	-70.5896	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4617	3530	2018-08-15	42.4351	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2018-08-15	42.4354	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4293	3282	2018-08-15	42.4374	-70.5922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3334	2549	2018-08-16	42.4354	-70.5888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2805	2018-08-16	42.4356	-70.5884	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4478	3423	2018-08-16	42.4358	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3611	2761	2018-08-16	42.4359	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3400	2599	2018-08-16	42.4357	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4342	3320	2018-08-16	42.4361	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2661	2035	2018-08-17	42.4361	-70.586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3630	2775	2018-08-17	42.4361	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3343	2556	2018-08-17	42.4361	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4317	3300	2018-08-17	42.4362	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3605	2756	2018-08-17	42.4365	-70.5846	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2826	2161	2018-08-18	42.4368	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3478	2659	2018-08-18	42.4363	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4538	3469	2018-08-18	42.4364	-70.5853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2018-08-18	42.4324	-70.6002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3765	2878	2018-08-18	42.4323	-70.6001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3253	2487	2018-08-18	42.4356	-70.5902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2910	2225	2018-08-18	42.4353	-70.59	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4710	3601	2018-08-18	42.4353	-70.5903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3687	2819	2018-08-19	42.4353	-70.59	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2857	2184	2018-08-19	42.4356	-70.5888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3237	2474	2018-08-19	42.4358	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4097	3133	2018-08-20	42.4358	-70.5891	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2018-08-20	42.436	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2866	2191	2018-08-20	42.4356	-70.5891	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3796	2902	2018-08-20	42.4354	-70.5901	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4524	3458	2018-08-20	42.4363	-70.5882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3850	2943	2018-08-20	42.4363	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2876	2199	2018-08-20	42.4363	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3779	2889	2018-08-21	42.4361	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3640	2783	2018-08-21	42.4361	-70.5879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4283	3274	2018-08-21	42.4365	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3734	2855	2018-08-21	42.4363	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3789	2897	2018-08-21	42.4364	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2787	2131	2018-08-21	42.4364	-70.5869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4400	3364	2018-08-21	42.4363	-70.5868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3069	2346	2018-08-22	42.4355	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3893	2976	2018-08-22	42.4368	-70.5858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3698	2828	2018-08-22	42.4349	-70.586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2773	2120	2018-08-22	42.4326	-70.5959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4261	3257	2018-08-22	42.4334	-70.5951	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3700	2829	2018-08-22	42.4347	-70.5893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3725	2848	2018-08-22	42.4355	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3574	2733	2018-08-22	42.436	-70.5854	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4220	3226	2018-08-23	42.4367	-70.5857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2500	1911	2018-08-23	42.4371	-70.5855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3651	2791	2018-08-23	42.4371	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3517	2689	2018-08-23	42.4372	-70.5849	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3541	2707	2018-08-23	42.4371	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4390	3356	2018-08-23	42.437	-70.5849	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2920	2232	2018-08-23	42.4371	-70.5849	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3271	2500	2018-08-24	42.4369	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3784	2893	2018-08-24	42.4324	-70.6021	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3617	2765	2018-08-24	42.4326	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2798	2139	2018-08-24	42.4333	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4308	3294	2018-08-24	42.4335	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3633	2777	2018-08-24	42.4333	-70.5985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3501	2677	2018-08-24	42.4332	-70.5965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3901	2982	2018-08-25	42.4337	-70.5974	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4468	3416	2018-08-25	42.4338	-70.5979	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2759	2109	2018-08-25	42.4341	-70.5975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3498	2674	2018-08-25	42.4338	-70.5977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2018-08-25	42.4355	-70.5915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3920	2997	2018-08-25	42.4356	-70.5918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4229	3233	2018-08-25	42.4354	-70.5921	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3572	2731	2018-08-26	42.4353	-70.5919	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2959	2262	2018-08-26	42.4354	-70.5919	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3771	2883	2018-08-26	42.4357	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2767	2115	2018-08-26	42.4357	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3766	2879	2018-08-26	42.4357	-70.59	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4130	3157	2018-08-26	42.4358	-70.5908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3389	2591	2018-08-26	42.4368	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2758	2109	2018-08-26	42.4362	-70.5897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3780	2890	2018-08-27	42.4359	-70.589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3638	2781	2018-08-27	42.4361	-70.5896	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4309	3294	2018-08-27	42.436	-70.5901	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2791	2134	2018-08-27	42.4364	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3459	2644	2018-08-27	42.4366	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2018-08-27	42.4366	-70.5882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3819	2920	2018-08-28	42.4365	-70.5884	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4294	3283	2018-08-28	42.4368	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2612	1997	2018-08-28	42.4371	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3311	2531	2018-08-28	42.4365	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4115	3146	2018-08-28	42.4368	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4384	3352	2018-08-28	42.4369	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2824	2159	2018-08-28	42.4372	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3469	2652	2018-08-29	42.4373	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2018-08-29	42.4371	-70.586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4165	3184	2018-08-29	42.4369	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2715	2076	2018-08-29	42.4374	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3330	2546	2018-08-29	42.4375	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3821	2921	2018-08-29	42.4375	-70.5849	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4277	3270	2018-08-30	42.4376	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2670	2041	2018-08-30	42.4375	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2018-08-30	42.4336	-70.6016	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3211	2455	2018-08-30	42.4329	-70.6023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4385	3352	2018-08-30	42.4328	-70.6025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2748	2101	2018-08-30	42.4327	-70.6023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3759	2874	2018-08-30	42.4329	-70.602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3609	2759	2018-08-31	42.4333	-70.6015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3054	2018-08-31	42.4332	-70.6013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2527	1932	2018-08-31	42.4331	-70.6012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3721	2845	2018-08-31	42.4326	-70.6017	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3728	2850	2018-08-31	42.4334	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4493	3435	2018-08-31	42.4335	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1940	1483	2018-09-01	42.4334	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2830	2164	2018-09-01	42.4333	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3249	2484	2018-09-01	42.4334	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3603	2755	2018-09-01	42.4335	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4293	3282	2018-09-01	42.434	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3653	2793	2018-09-01	42.434	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2774	2121	2018-09-01	42.4339	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2961	2264	2018-09-02	42.4337	-70.5988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4284	3275	2018-09-02	42.4343	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3632	2777	2018-09-02	42.4339	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2825	2160	2018-09-02	42.4341	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3854	2946	2018-09-02	42.4343	-70.5974	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3242	2479	2018-09-02	42.4342	-70.5979	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4365	3337	2018-09-02	42.4341	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2018-09-03	42.4343	-70.5969	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3677	2811	2018-09-03	42.4347	-70.5965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2622	2004	2018-09-03	42.4347	-70.5967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3279	2507	2018-09-03	42.4346	-70.5967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2735	2091	2018-09-03	42.4346	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4585	3505	2018-09-04	42.43447	-70.596397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3302	2524	2018-09-04	42.4349	-70.5956	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4036	3086	2018-09-04	42.4349	-70.5943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2769	2117	2018-09-04	42.4347	-70.5955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3741	2860	2018-09-04	42.4349	-70.5955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4304	3291	2018-09-04	42.4352	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3451	2639	2018-09-04	42.4315	-70.5976	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3820	2920	2018-09-05	42.4352	-70.594	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3597	2750	2018-09-05	42.4356	-70.5928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2725	2084	2018-09-05	42.4351	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4333	3313	2018-09-05	42.4354	-70.5946	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3259	2492	2018-09-05	42.4355	-70.5933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4157	3178	2018-09-05	42.4358	-70.5931	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3897	2980	2018-09-05	42.4355	-70.5932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2732	2089	2018-09-05	42.4357	-70.5932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4238	3240	2018-09-05	42.4357	-70.5934	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3275	2504	2018-09-06	42.4358	-70.592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3771	2883	2018-09-06	42.4358	-70.592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4589	3509	2018-09-06	42.4359	-70.5921	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1488	1137	2018-09-06	42.434928	-70.594917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3326	2543	2018-09-06	42.4364	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3536	2703	2018-09-06	42.4364	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3998	3056	2018-09-07	42.4363	-70.5911	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3275	2504	2018-09-07	42.4364	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2909	2224	2018-09-07	42.4366	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3374	2580	2018-09-07	42.4367	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4274	3268	2018-09-07	42.4366	-70.59	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3249	2484	2018-09-07	42.4369	-70.5898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3124	2388	2018-09-07	42.4366	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3461	2646	2018-09-08	42.4369	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4442	3396	2018-09-08	42.437	-70.5889	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3246	2482	2018-09-08	42.4374	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2875	2198	2018-09-08	42.4366	-70.5883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3789	2897	2018-09-08	42.4368	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4387	3354	2018-09-08	42.4372	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3221	2463	2018-09-08	42.4375	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3566	2726	2018-09-09	42.4372	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4344	3321	2018-09-09	42.4371	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3026	2313	2018-09-09	42.437	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3322	2540	2018-09-09	42.4377	-70.5865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3577	2735	2018-09-09	42.4377	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4249	3249	2018-09-09	42.4376	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2499	1911	2018-09-09	42.4376	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3800	2905	2018-09-10	42.4376	-70.5865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3911	2990	2018-09-10	42.4381	-70.5854	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4914	3757	2018-09-10	42.4382	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3709	2836	2018-09-10	42.4382	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3488	2667	2018-09-10	42.4382	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2018-09-11	42.4382	-70.5842	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2018-09-11	42.4374	-70.587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3577	2735	2018-09-11	42.4385	-70.5841	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2375	1816	2018-09-12	42.438	-70.5853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4222	3228	2018-09-12	42.4381	-70.5841	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3910	2990	2018-09-12	42.4381	-70.5841	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3979	3042	2018-09-12	42.4387	-70.5832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2757	2108	2018-09-12	42.4387	-70.5827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3755	2871	2018-09-13	42.4385	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2885	2018-09-13	42.4336	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2007	1534	2018-09-13	42.4387	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3182	2018-09-13	42.4386	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2771	2119	2018-09-13	42.439	-70.5819	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3308	2529	2018-09-13	42.4388	-70.582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4294	3283	2018-09-14	42.4393	-70.581	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4117	3147	2018-09-14	42.4389	-70.5821	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2652	2028	2018-09-14	42.4389	-70.582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2080	1591	2018-09-14	42.4395	-70.5796	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2505	1915	2018-09-14	42.4395	-70.5801	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3524	2694	2018-09-14	42.4393	-70.5809	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4273	3267	2018-09-14	42.4392	-70.5812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2645	2022	2018-09-14	42.4395	-70.5801	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3700	2829	2018-09-14	42.4394	-70.5798	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3530	2699	2018-09-15	42.4394	-70.5803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3910	2989	2018-09-15	42.4393	-70.5799	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3388	2018-09-15	42.4396	-70.5805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2787	2131	2018-09-15	42.4332	-70.6025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3799	2904	2018-09-15	42.4332	-70.6021	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2499	1910	2018-09-15	42.4335	-70.6021	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3472	2655	2018-09-15	42.4334	-70.6024	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3580	2737	2018-09-15	42.4335	-70.5807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4030	3081	2018-09-15	42.4332	-70.6026	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2675	2045	2018-09-16	42.4337	-70.6015	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	1891	1446	2018-09-16	42.4336	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4413	3374	2018-09-16	42.434	-70.599	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3556	2719	2018-09-16	42.4335	-70.6014	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4515	3452	2018-09-16	42.4337	-70.6013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2622	2005	2018-09-16	42.434	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2854	2182	2018-09-16	42.434	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3326	2543	2018-09-16	42.4338	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2388	1826	2018-09-17	42.434	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3974	3038	2018-09-17	42.4339	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4537	3469	2018-09-17	42.4345	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3241	2478	2018-09-17	42.434	-70.599	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4217	3224	2018-09-17	42.4343	-70.5991	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3680	2814	2018-09-17	42.4344	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3258	2018-09-17	42.4342	-70.5992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2431	1858	2018-09-17	42.4346	-70.5974	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3274	2503	2018-09-18	42.4345	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2906	2222	2018-09-18	42.4344	-70.5975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3464	2648	2018-09-18	42.4338	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3657	2796	2018-09-18	42.4347	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2728	2086	2018-09-18	42.4345	-70.5979	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3376	2581	2018-09-18	42.434325	-70.598702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2310	1766	2018-09-18	42.4352	-70.5967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1181	903	2018-09-19	42.434965	-70.596175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3679	2813	2018-09-19	42.4348	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2728	2086	2018-09-19	42.4351	-70.5965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2684	2018-09-19	42.435	-70.5967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1903	1455	2018-09-19	42.4353	-70.5956	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4306	3292	2018-09-19	42.4353	-70.5959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2835	2168	2018-09-19	42.4355	-70.5955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4017	3071	2018-09-20	42.4353	-70.5958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3479	2660	2018-09-20	42.4357	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3748	2865	2018-09-20	42.4355	-70.5946	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4716	3606	2018-09-20	42.4355	-70.5949	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3255	2018-09-21	42.4352	-70.5957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2284	1746	2018-09-21	42.4358	-70.5942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3653	2793	2018-09-21	42.4358	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4194	3207	2018-09-21	42.4357	-70.594	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3535	2703	2018-09-21	42.4359	-70.5933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3596	2749	2018-09-21	42.436	-70.5935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3043	2018-09-21	42.4359	-70.5935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2380	1820	2018-09-21	42.436	-70.5932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4285	3276	2018-09-21	42.437212	-70.590158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3577	2735	2018-09-21	42.43642	-70.592113	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3253	2487	2018-09-22	42.43692	-70.591808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3207	2452	2018-09-22	42.4362	-70.5921	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4334	3314	2018-09-22	42.436408	-70.591878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4744	3627	2018-09-22	42.437093	-70.59049	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2963	2266	2018-09-22	42.436675	-70.590845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2492	1906	2018-09-22	42.436682	-70.591135	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4129	3157	2018-09-22	42.43728	-70.59052	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4311	3296	2018-09-22	42.436878	-70.590863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3370	2576	2018-09-22	42.437255	-70.58945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2973	2273	2018-09-23	42.437208	-70.589395	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4491	3433	2018-09-23	42.437027	-70.589815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2605	1991	2018-09-23	42.437138	-70.589245	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4674	3573	2018-09-23	42.436885	-70.589247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3099	2370	2018-09-23	42.43721	-70.588302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3441	2631	2018-09-23	42.437828	-70.588142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2812	2150	2018-09-23	42.437398	-70.58825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4273	3267	2018-09-23	42.43742	-70.58862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3423	2617	2018-09-23	42.434743	-70.597873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4412	3373	2018-09-24	42.437753	-70.587607	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3642	2785	2018-09-24	42.437898	-70.586917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3069	2346	2018-09-24	42.438207	-70.586873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4249	3248	2018-09-24	42.43778	-70.587543	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2301	1759	2018-09-24	42.438113	-70.585593	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2474	1892	2018-09-24	42.437727	-70.587557	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4703	3596	2018-09-24	42.438498	-70.585323	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4165	3184	2018-09-25	42.437938	-70.586928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3491	2669	2018-09-25	42.438275	-70.586033	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3091	2363	2018-09-25	42.43823	-70.586285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4640	3548	2018-09-25	42.438642	-70.585027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2618	2002	2018-09-25	42.438605	-70.585348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2018-09-25	42.438732	-70.584398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2599	1987	2018-09-25	42.437783	-70.579705	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3791	2898	2018-09-25	42.431055	-70.599173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2466	1885	2018-09-26	42.439078	-70.582682	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4621	3533	2018-09-26	42.438725	-70.584365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3243	2479	2018-09-26	42.439157	-70.583167	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4216	3223	2018-09-26	42.439217	-70.58332	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3581	2738	2018-09-27	42.439027	-70.582523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3517	2688	2018-09-27	42.439142	-70.583123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3071	2348	2018-09-27	42.43925	-70.582047	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3945	3016	2018-09-27	42.439905	-70.580428	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4257	3254	2018-09-27	42.439302	-70.582048	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3558	2721	2018-09-27	42.439458	-70.581805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2543	1944	2018-09-27	42.439925	-70.580543	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	683	522	2018-09-27	42.4397	-70.581588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3357	2567	2018-09-27	42.439703	-70.581215	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4205	3215	2018-09-27	42.439868	-70.580815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3584	2740	2018-09-28	42.440292	-70.579887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4381	3349	2018-09-28	42.440253	-70.579325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3495	2672	2018-09-28	42.440097	-70.57953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2656	2030	2018-09-28	42.440052	-70.579268	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2925	2236	2018-09-28	42.440228	-70.579685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2674	2044	2018-09-28	42.43426	-70.600897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3716	2841	2018-09-28	42.433943	-70.601892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4444	3397	2018-09-28	42.440162	-70.57955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2797	2139	2018-09-28	42.434072	-70.601737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4362	3335	2018-09-29	42.434185	-70.601587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3690	2821	2018-09-29	42.433833	-70.602035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2564	1960	2018-09-29	42.435237	-70.598792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3715	2841	2018-09-29	42.434437	-70.600767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3311	2018-09-29	42.434367	-70.600945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2473	1891	2018-09-30	42.435097	-70.599213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3592	2746	2018-09-30	42.434248	-70.600877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3331	2546	2018-09-30	42.43506	-70.599772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4600	3517	2018-09-30	42.434567	-70.600037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4155	3177	2018-09-30	42.435238	-70.597442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3595	2749	2018-09-30	42.434625	-70.599733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2783	2128	2018-10-01	42.434755	-70.599412	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2600	1988	2018-10-01	42.435147	-70.596797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3143	2403	2018-10-01	42.435032	-70.598442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4275	3269	2018-10-01	42.434795	-70.599248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3711	2837	2018-10-01	42.435015	-70.599037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1203	920	2018-10-01	42.437107	-70.595295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3400	2600	2018-10-01	42.435135	-70.598173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3863	2953	2018-10-01	42.435325	-70.597487	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2018-10-02	42.43529	-70.597515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2313	1769	2018-10-02	42.435392	-70.595862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2882	2018-10-02	42.435897	-70.595743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2848	2177	2018-10-02	42.435457	-70.597312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3350	2561	2018-10-02	42.435467	-70.596887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4486	3429	2018-10-02	42.435647	-70.596558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4452	3404	2018-10-02	42.435897	-70.595908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3575	2733	2018-10-02	42.435983	-70.595957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3452	2639	2018-10-03	42.43575	-70.59588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1869	1429	2018-10-03	42.435842	-70.595155	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2624	2006	2018-10-03	42.43629	-70.594162	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4326	3307	2018-10-03	42.435875	-70.595375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2734	2090	2018-10-03	42.435988	-70.59534	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3511	2685	2018-10-03	42.436442	-70.59421	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3118	2384	2018-10-03	42.436465	-70.593832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4256	3254	2018-10-03	42.436357	-70.593975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3967	3033	2018-10-03	42.4364	-70.5941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4001	3059	2018-10-03	42.436332	-70.593215	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3656	2795	2018-10-04	42.436538	-70.593155	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2870	2194	2018-10-04	42.436683	-70.592832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3022	2310	2018-10-04	42.43656	-70.593433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1820	1392	2018-10-04	42.436653	-70.59241	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3721	2845	2018-10-04	42.4371	-70.5928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4173	3191	2018-10-04	42.436972	-70.59238	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3746	2864	2018-10-04	42.437683	-70.591853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3034	2320	2018-10-04	42.437143	-70.592087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3153	2410	2018-10-04	42.437185	-70.590768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3836	2932	2018-10-05	42.4373	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4488	3431	2018-10-05	42.437913	-70.589413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4253	3251	2018-10-05	42.437415	-70.59025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2885	2206	2018-10-05	42.437525	-70.59063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3750	2867	2018-10-05	42.437525	-70.58975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2377	1817	2018-10-05	42.437873	-70.589257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3507	2681	2018-10-05	42.437728	-70.590275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4300	3288	2018-10-05	42.437902	-70.589063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3870	2959	2018-10-05	42.4377	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4007	3063	2018-10-05	42.438083	-70.588792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2532	1936	2018-10-06	42.43845	-70.587492	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2828	2162	2018-10-06	42.438057	-70.588307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2018-10-06	42.438577	-70.588435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3230	2469	2018-10-06	42.438205	-70.588527	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4292	3282	2018-10-06	42.438422	-70.58674	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4007	3063	2018-10-06	42.4384	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4430	3387	2018-10-06	42.438382	-70.58764	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2490	1904	2018-10-06	42.438572	-70.587438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2920	2232	2018-10-07	42.43878	-70.586042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2843	2018-10-07	42.43845	-70.587433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4357	3331	2018-10-07	42.43859	-70.586437	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3156	2413	2018-10-07	42.438512	-70.586648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2857	2018-10-07	42.4387	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2775	2121	2018-10-07	42.438563	-70.586107	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4384	3351	2018-10-07	42.438938	-70.585138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2502	1913	2018-10-07	42.438577	-70.586028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3663	2800	2018-10-07	42.439157	-70.58476	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4081	3120	2018-10-07	42.439297	-70.58446	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3261	2493	2018-10-07	42.439222	-70.584845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3841	2937	2018-10-08	42.4393	-70.5839	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3256	2018-10-08	42.43923	-70.584213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2483	1899	2018-10-08	42.439643	-70.582727	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2639	2017	2018-10-08	42.438973	-70.584617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3567	2727	2018-10-08	42.439598	-70.583915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3123	2388	2018-10-08	42.439457	-70.583443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4230	3234	2018-10-08	42.43993	-70.582095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4309	3294	2018-10-08	42.439573	-70.583163	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3904	2985	2018-10-08	42.4396	-70.5825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2358	1803	2018-10-09	42.43978	-70.58161	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3556	2719	2018-10-09	42.440003	-70.581778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2705	2068	2018-10-09	42.440033	-70.581357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3270	2500	2018-10-09	42.440122	-70.581188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1668	1275	2018-10-09	42.4399	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4362	3335	2018-10-09	42.439825	-70.581777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3389	2018-10-09	42.440568	-70.580062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4022	3075	2018-10-09	42.440388	-70.580167	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2724	2082	2018-10-09	42.440272	-70.580482	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3413	2609	2018-10-09	42.440318	-70.58061	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4593	3511	2018-10-10	42.44071	-70.579862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2018-10-10	42.440643	-70.579703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2373	1814	2018-10-10	42.43999	-70.582547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3506	2680	2018-10-10	42.440375	-70.58027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3795	2902	2018-10-10	42.440423	-70.57963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3596	2749	2018-10-10	42.4409	-70.5785	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3626	2772	2018-10-10	42.440688	-70.57898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4417	3377	2018-10-10	42.44099	-70.57837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3916	2994	2018-10-11	42.440647	-70.578877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4092	3128	2018-10-11	42.440665	-70.579223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2018-10-11	42.43443	-70.60187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3727	2850	2018-10-11	42.434385	-70.602232	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2570	1965	2018-10-11	42.434005	-70.580495	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4481	3426	2018-10-11	42.434338	-70.602218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4265	3261	2018-10-11	42.434278	-70.601918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3687	2819	2018-10-12	42.434272	-70.603047	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3492	2670	2018-10-12	42.434725	-70.601343	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4210	3219	2018-10-12	42.434593	-70.601248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4368	3340	2018-10-12	42.433832	-70.580122	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4490	3433	2018-10-12	42.434588	-70.601102	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2466	1886	2018-10-12	42.435113	-70.59957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3659	2797	2018-10-12	42.434678	-70.600895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4208	3217	2018-10-12	42.435182	-70.60037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4204	3214	2018-10-13	42.434892	-70.600357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3638	2781	2018-10-13	42.434997	-70.599957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3888	2972	2018-10-13	42.435043	-70.599643	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4109	3141	2018-10-13	42.434902	-70.600322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4600	3517	2018-10-13	42.435933	-70.597087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3895	2978	2018-10-13	42.43537	-70.598697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3623	2770	2018-10-13	42.435177	-70.598685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3873	2961	2018-10-14	42.435287	-70.59886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2194	1677	2018-10-14	42.435997	-70.597428	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4513	3450	2018-10-14	42.435622	-70.597942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3535	2702	2018-10-14	42.43549	-70.597145	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4149	3172	2018-10-14	42.435085	-70.597602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4524	3459	2018-10-14	42.435763	-70.597285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2018-10-14	42.435648	-70.597693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2513	1921	2018-10-14	42.4361	-70.5962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4349	3325	2018-10-14	42.435732	-70.596992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2589	1980	2018-10-14	42.436472	-70.594933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3943	3015	2018-10-14	42.4357	-70.597172	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3822	2922	2018-10-15	42.436273	-70.595685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3654	2794	2018-10-15	42.43603	-70.596338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4702	3595	2018-10-15	42.436318	-70.595702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4429	3386	2018-10-15	42.436235	-70.595865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2416	1847	2018-10-15	42.4364	-70.595	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4453	3404	2018-10-15	42.436347	-70.596018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3636	2780	2018-10-15	42.436623	-70.593895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2154	1647	2018-10-15	42.437037	-70.593128	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3587	2742	2018-10-15	42.437003	-70.593835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4209	3218	2018-10-15	42.436668	-70.594052	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1367	1045	2018-10-16	42.4372	-70.5946	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4360	3334	2018-10-16	42.43696	-70.592605	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3751	2868	2018-10-16	42.437077	-70.59288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3567	2727	2018-10-16	42.43702	-70.593318	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4228	3232	2018-10-16	42.436902	-70.593512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4286	3276	2018-10-16	42.4361	-70.59637	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4342	3319	2018-10-16	42.437363	-70.59182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3704	2831	2018-10-17	42.437318	-70.591817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4291	3281	2018-10-17	42.437162	-70.592133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3678	2812	2018-10-17	42.437467	-70.591865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2502	1913	2018-10-17	42.4376	-70.591765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3732	2853	2018-10-17	42.437807	-70.591203	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4106	3139	2018-10-17	42.437747	-70.591198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4201	3212	2018-10-17	42.43762	-70.590668	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2018-10-18	42.437065	-70.590087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4108	3141	2018-10-18	42.439933	-70.5837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3808	2911	2018-10-18	42.437838	-70.590585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4654	3558	2018-10-18	42.437968	-70.589807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3871	2959	2018-10-18	42.43808	-70.589427	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	920	704	2018-10-18	42.437965	-70.585498	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2018-10-18	42.43804	-70.589822	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3636	2779	2018-10-19	42.438255	-70.58815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4240	3242	2018-10-19	42.438622	-70.58802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3837	2933	2018-10-19	42.438365	-70.588785	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4821	3686	2018-10-19	42.438438	-70.58852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4362	3335	2018-10-19	42.438322	-70.588928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4399	3363	2018-10-19	42.438827	-70.587303	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3472	2654	2018-10-19	42.438573	-70.58795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1002	766	2018-10-19	42.434162	-70.58081	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3719	2843	2018-10-19	42.438845	-70.587423	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4122	3152	2018-10-20	42.438617	-70.587917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4345	3322	2018-10-20	42.43882	-70.587523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3694	2824	2018-10-20	42.438783	-70.586515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4164	3183	2018-10-20	42.43904	-70.586958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4493	3435	2018-10-20	42.439203	-70.58577	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4274	3267	2018-10-20	42.439093	-70.586185	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3606	2757	2018-10-21	42.439275	-70.586138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2891	2018-10-21	42.43961	-70.585202	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4348	3324	2018-10-21	42.438017	-70.589685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	469	358	2018-10-21	42.439633	-70.584813	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4322	3304	2018-10-21	42.439558	-70.585012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3403	2602	2018-10-21	42.42883	-70.597665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4314	3298	2018-10-22	42.439485	-70.584152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4197	3208	2018-10-22	42.439715	-70.584058	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3323	2018-10-22	42.439727	-70.58442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4425	3383	2018-10-22	42.439758	-70.584002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3584	2740	2018-10-22	42.439827	-70.583963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2585	1976	2018-10-22	42.440013	-70.583237	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4466	3414	2018-10-22	42.440108	-70.583818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	956	731	2018-10-22	42.440492	-70.582443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4310	3295	2018-10-22	42.440233	-70.582427	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3584	2740	2018-10-23	42.439787	-70.583297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4444	3397	2018-10-23	42.440555	-70.581958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2018-10-23	42.440393	-70.581443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3783	2892	2018-10-23	42.440435	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3164	2419	2018-10-23	42.439865	-70.585408	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4496	3437	2018-10-24	42.440625	-70.581717	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4024	3076	2018-10-24	42.440458	-70.58202	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2018-10-24	42.440678	-70.58092	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3746	2864	2018-10-24	42.440777	-70.580995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2570	1965	2018-10-24	42.440855	-70.580473	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	382	292	2018-10-24	42.4412	-70.5797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4065	3107	2018-10-24	42.4405	-70.5809	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4284	3275	2018-10-24	42.441	-70.5796	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2018-10-25	42.4412	-70.5796	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4398	3362	2018-10-25	42.441002	-70.579538	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2498	1909	2018-10-25	42.4411	-70.58	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4402	3365	2018-10-25	42.4414	-70.5787	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3703	2831	2018-10-25	42.4412	-70.5797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2514	1922	2018-10-25	42.4414	-70.5791	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3715	2840	2018-10-25	42.4412	-70.5776	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4173	3191	2018-10-26	42.4413	-70.5785	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2578	1971	2018-10-26	42.4413	-70.5781	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4573	3496	2018-10-26	42.4346	-70.6028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3776	2887	2018-10-26	42.4348	-70.6025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4341	3319	2018-10-26	42.435	-70.6019	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3670	2806	2018-10-26	42.4346	-70.6023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4045	3093	2018-10-26	42.434895	-70.6024	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4265	3261	2018-10-26	42.4352	-70.6014	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2082	1591	2018-10-26	42.4353	-70.601	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2556	1954	2018-10-27	42.4357	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3942	3014	2018-10-27	42.4356	-70.6009	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	348	266	2018-10-27	42.4354	-70.6008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3818	2919	2018-10-29	42.4357	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3998	3056	2018-10-29	42.4355	-70.6004	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4144	3168	2018-10-29	42.4352	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3849	2943	2018-10-29	42.4355	-70.6	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3761	2875	2018-10-30	42.4361	-70.5989	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4273	3267	2018-10-30	42.4359	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4600	3517	2018-10-30	42.4357	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2595	1984	2018-10-30	42.436	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3579	2736	2018-10-30	42.4359	-70.5984	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	959	734	2018-10-30	42.432283	-70.579517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3658	2796	2018-10-30	42.4361	-70.5978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4267	3262	2018-10-30	42.4356	-70.5933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2552	1951	2018-10-31	42.4364	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4364	3336	2018-10-31	42.4394	-70.5803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2638	2016	2018-10-31	42.4363	-70.5906	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3808	2911	2018-10-31	42.4387	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4367	3339	2018-10-31	42.432845	-70.59512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4599	3516	2018-10-31	42.434745	-70.588273	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4124	3153	2018-10-31	42.437075	-70.585317	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2490	1904	2018-11-01	42.43689	-70.587277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3656	2795	2018-11-01	42.438637	-70.585272	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4377	3346	2018-11-01	42.436787	-70.587352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2890	2018-11-01	42.439155	-70.582857	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4270	3264	2018-11-01	42.439645	-70.58178	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3624	2770	2018-11-01	42.439737	-70.579738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2440	1865	2018-11-01	42.435687	-70.59599	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3789	2897	2018-11-02	42.43701	-70.591752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1920	1468	2018-11-02	42.440487	-70.580417	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4257	3254	2018-11-02	42.438873	-70.585885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1999	1528	2018-11-02	42.436117	-70.598292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3750	2867	2018-11-02	42.436125	-70.597783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3724	2847	2018-11-02	42.436268	-70.59751	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3182	2018-11-02	42.436235	-70.597693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2427	1856	2018-11-03	42.436652	-70.595948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1655	1265	2018-11-03	42.436258	-70.597282	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4100	3134	2018-11-03	42.436743	-70.596777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3492	2670	2018-11-03	42.436647	-70.595325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4138	3164	2018-11-03	42.436922	-70.595505	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2692	2058	2018-11-03	42.436682	-70.595583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2519	1926	2018-11-03	42.436527	-70.594443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3280	2508	2018-11-04	42.441868	-70.580152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4169	3187	2018-11-04	42.436742	-70.59555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2469	1888	2018-11-04	42.43748	-70.593902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4070	3112	2018-11-04	42.43726	-70.594475	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3623	2770	2018-11-04	42.437337	-70.594233	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4168	3186	2018-11-04	42.43718	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2455	1877	2018-11-04	42.4371	-70.594407	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1736	1327	2018-11-05	42.437567	-70.592932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4379	3348	2018-11-05	42.437273	-70.593908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3648	2789	2018-11-05	42.437735	-70.593037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4401	3364	2018-11-05	42.43718	-70.593928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2378	1818	2018-11-05	42.437722	-70.592942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3393	2594	2018-11-05	42.437695	-70.592822	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2566	1962	2018-11-05	42.43801	-70.592208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4124	3153	2018-11-06	42.437678	-70.593032	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4293	3282	2018-11-06	42.437762	-70.592698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3637	2781	2018-11-06	42.437813	-70.592175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1607	1228	2018-11-06	42.438102	-70.591632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3462	2647	2018-11-06	42.438062	-70.591455	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3900	2981	2018-11-06	42.438378	-70.591662	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2479	1895	2018-11-06	42.438355	-70.591228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2394	1830	2018-11-06	42.43875	-70.59005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2018-11-07	42.43836	-70.589737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3445	2633	2018-11-07	42.438843	-70.590013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4177	3193	2018-11-07	42.438248	-70.590075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3560	2722	2018-11-07	42.438468	-70.589817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4523	3458	2018-11-07	42.438163	-70.590295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4342	3319	2018-11-07	42.440858	-70.583848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2674	2044	2018-11-07	42.43881	-70.588537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3569	2729	2018-11-07	42.438875	-70.588325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2495	1908	2018-11-08	42.439163	-70.58805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4091	3128	2018-11-08	42.438305	-70.589042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4228	3233	2018-11-08	42.438418	-70.587778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3577	2735	2018-11-08	42.43914	-70.587682	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3593	2747	2018-11-08	42.439152	-70.588108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4302	3289	2018-11-08	42.439093	-70.587987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2723	2081	2018-11-08	42.439205	-70.58765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4528	3462	2018-11-09	42.439343	-70.586455	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4521	3456	2018-11-09	42.439283	-70.58654	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3880	2966	2018-11-09	42.439623	-70.586142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2416	1847	2018-11-09	42.439612	-70.58638	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4214	3222	2018-11-09	42.438475	-70.581868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4145	3169	2018-11-09	42.43967	-70.585888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4595	3513	2018-11-10	42.439983	-70.585423	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1773	1355	2018-11-10	42.431738	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2266	1733	2018-11-10	42.439975	-70.585092	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4371	3342	2018-11-10	42.439825	-70.58541	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2788	2018-11-11	42.440522	-70.583697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3910	2989	2018-11-11	42.440147	-70.584007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2148	1642	2018-11-11	42.440175	-70.583848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4722	3610	2018-11-11	42.440005	-70.583777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2394	1831	2018-11-11	42.440292	-70.583657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3812	2914	2018-11-11	42.440433	-70.57977	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	2379	1819	2018-11-11	42.440472	-70.58275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2331	1782	2018-11-11	42.44057	-70.582362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3911	2990	2018-11-11	42.440505	-70.583072	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3888	2972	2018-11-11	42.440537	-70.583265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4285	3276	2018-11-12	42.441695	-70.578892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2566	1962	2018-11-12	42.440878	-70.581933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4408	3370	2018-11-12	42.440363	-70.582867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2145	1640	2018-11-12	42.44074	-70.581628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3547	2712	2018-11-12	42.441008	-70.582017	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2347	1794	2018-11-12	42.441155	-70.581032	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3860	2951	2018-11-12	42.441035	-70.580937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4308	3294	2018-11-12	42.44168	-70.577653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4450	3402	2018-11-12	42.439653	-70.585498	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2800	2141	2018-11-13	42.441137	-70.580535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3702	2830	2018-11-13	42.441277	-70.580907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3670	2806	2018-11-13	42.441298	-70.579897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3870	2958	2018-11-13	42.436172	-70.591322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2308	1765	2018-11-13	42.441053	-70.578858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3771	2883	2018-11-13	42.441492	-70.579797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3454	2641	2018-11-13	42.44097	-70.580093	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4500	3440	2018-11-14	42.441805	-70.578568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2662	2035	2018-11-14	42.441722	-70.578275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4136	3162	2018-11-14	42.442045	-70.578492	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2527	1932	2018-11-14	42.44148	-70.578588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4296	3284	2018-11-14	42.43526	-70.602143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3654	2793	2018-11-14	42.435293	-70.602007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3755	2871	2018-11-14	42.434898	-70.602065	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1265	967	2018-11-14	42.435003	-70.603228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4313	3297	2018-11-15	42.435608	-70.601575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4599	3516	2018-11-15	42.435232	-70.602613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2683	2051	2018-11-15	42.435787	-70.60077	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2553	1952	2018-11-15	42.435725	-70.601257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3724	2847	2018-11-15	42.435468	-70.601508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3806	2910	2018-11-15	42.43569	-70.600702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4405	3368	2018-11-15	42.435967	-70.599758	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4359	3332	2018-11-15	42.43607	-70.599805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4316	3300	2018-11-15	42.435807	-70.600222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2590	1980	2018-11-15	42.4361	-70.59947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1423	1088	2018-11-15	42.436475	-70.59908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3815	2916	2018-11-16	42.436235	-70.599207	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2956	2260	2018-11-16	42.436183	-70.59919	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2544	1945	2018-11-17	42.436518	-70.598163	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2605	1992	2018-11-17	42.436285	-70.59871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2018-11-18	42.434182	-70.596492	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4690	3586	2018-11-18	42.436583	-70.597838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4405	3368	2018-11-18	42.436235	-70.598093	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2505	1915	2018-11-18	42.436762	-70.597412	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3607	2757	2018-11-18	42.436545	-70.59767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3843	2938	2018-11-18	42.437052	-70.596357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4393	3359	2018-11-18	42.43687	-70.596578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4600	3517	2018-11-18	42.437887	-70.594507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4492	3434	2018-11-19	42.437233	-70.596355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2591	1981	2018-11-19	42.437137	-70.596525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2440	1865	2018-11-19	42.437312	-70.595132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4147	3171	2018-11-19	42.437367	-70.595427	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4598	3516	2018-11-19	42.437648	-70.594537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3625	2771	2018-11-19	42.437482	-70.595042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3537	2704	2018-11-19	42.437407	-70.59552	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4453	3405	2018-11-19	42.43796	-70.593768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2563	1959	2018-11-19	42.43762	-70.594197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4533	3466	2018-11-19	42.437635	-70.594383	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4728	3615	2018-11-20	42.437863	-70.593227	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3760	2875	2018-11-20	42.437655	-70.593722	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2324	1777	2018-11-20	42.437887	-70.593148	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2607	1993	2018-11-20	42.43773	-70.594328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4142	3167	2018-11-20	42.437983	-70.592983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4271	3266	2018-11-20	42.438247	-70.592617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3592	2747	2018-11-20	42.437908	-70.593503	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3535	2703	2018-11-20	42.438167	-70.592213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4713	3603	2018-11-20	42.438397	-70.591903	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4159	3180	2018-11-20	42.438207	-70.59191	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2618	2001	2018-11-20	42.43805	-70.591987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4323	3305	2018-11-21	42.438125	-70.592062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2795	2137	2018-11-21	42.438787	-70.590265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3701	2830	2018-11-21	42.438745	-70.59027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4241	3242	2018-11-21	42.438763	-70.5908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4425	3383	2018-11-21	42.438605	-70.591537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3287	2513	2018-11-21	42.43871	-70.591037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3226	2018-11-21	42.439248	-70.589338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2564	1960	2018-11-21	42.439268	-70.588307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2579	1971	2018-11-21	42.439413	-70.588785	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3596	2749	2018-11-21	42.438537	-70.58862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4175	3192	2018-11-21	42.438977	-70.589388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4346	3323	2018-11-22	42.43956	-70.587468	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4782	3656	2018-11-22	42.439462	-70.588578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3699	2828	2018-11-22	42.439237	-70.58872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4301	3288	2018-11-22	42.439405	-70.588907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2541	1942	2018-11-22	42.439175	-70.589352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2415	1846	2018-11-22	42.43946	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4592	3511	2018-11-23	42.439772	-70.588277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2134	1631	2018-11-23	42.43927	-70.587385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2457	1878	2018-11-23	42.439825	-70.586823	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2558	1956	2018-11-23	42.440072	-70.587093	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3225	2018-11-24	42.440017	-70.586383	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4648	3554	2018-11-24	42.440108	-70.58596	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3228	2468	2018-11-24	42.44008	-70.586153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3699	2828	2018-11-24	42.43996	-70.585762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2623	2005	2018-11-24	42.439562	-70.586168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4374	3344	2018-11-24	42.440555	-70.585297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2637	2016	2018-11-24	42.44079	-70.58471	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4143	3167	2018-11-24	42.440218	-70.58594	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4570	3494	2018-11-24	42.441143	-70.583308	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3565	2725	2018-11-24	42.440432	-70.585373	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3570	2730	2018-11-25	42.440588	-70.584452	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4042	3091	2018-11-25	42.440792	-70.583585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2467	1886	2018-11-25	42.441057	-70.583772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2410	1842	2018-11-25	42.441072	-70.58314	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3919	2997	2018-11-25	42.440567	-70.584258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3192	2440	2018-11-25	42.440887	-70.583232	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4855	3712	2018-11-25	42.441418	-70.581497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3054	2018-11-25	42.441157	-70.582852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	76	58	2018-11-26	42.440743	-70.583955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3648	2789	2018-11-26	42.440852	-70.582895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4134	3160	2018-11-26	42.441343	-70.58218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3257	2490	2018-11-26	42.441303	-70.582222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2507	1917	2018-11-26	42.441957	-70.581663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4708	3599	2018-11-26	42.441582	-70.580825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4421	3380	2018-11-26	42.44143	-70.582908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3895	2978	2018-11-26	42.44165	-70.581073	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	654	500	2018-11-26	42.441897	-70.580108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2764	2018-11-26	42.441558	-70.581237	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3645	2787	2018-11-26	42.442217	-70.581103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2018-11-28	42.442027	-70.58083	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3369	2575	2018-11-28	42.442175	-70.579512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4235	3238	2018-11-28	42.442462	-70.579513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4000	3058	2018-11-28	42.441995	-70.579783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3571	2730	2018-11-28	42.442195	-70.577847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2475	1892	2018-11-28	42.442037	-70.579805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4159	3180	2018-11-28	42.442602	-70.578698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4242	3243	2018-11-28	42.442272	-70.578727	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4204	3214	2018-11-29	42.442148	-70.578822	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3798	2904	2018-11-29	42.442197	-70.57856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4040	3089	2018-11-29	42.435397	-70.60226	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4283	3275	2018-11-30	42.435938	-70.601978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2018-11-30	42.435678	-70.60255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4122	3151	2018-11-30	42.436097	-70.60269	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3183	2018-11-30	42.435627	-70.602688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3678	2812	2018-12-01	42.436158	-70.601737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2018-12-01	42.435625	-70.60335	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4480	3425	2018-12-01	42.436015	-70.602315	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3822	2922	2018-12-01	42.435855	-70.602063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2018-12-01	42.435977	-70.602843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3323	2018-12-02	42.436072	-70.601873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4648	3553	2018-12-02	42.435907	-70.602647	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3836	2933	2018-12-02	42.436233	-70.601945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3143	2018-12-02	42.436122	-70.602295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3813	2915	2018-12-03	42.435733	-70.602653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3227	2467	2018-12-03	42.436123	-70.60182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3182	2018-12-03	42.43585	-70.602375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3649	2790	2018-12-03	42.435477	-70.602267	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3983	3045	2018-12-04	42.436113	-70.600425	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3894	2977	2018-12-04	42.436033	-70.601742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3259	2018-12-05	42.436237	-70.600497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3800	2905	2018-12-05	42.436222	-70.600968	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3239	2476	2018-12-05	42.436258	-70.600735	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4014	3069	2018-12-06	42.436788	-70.599715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4319	3302	2018-12-06	42.436317	-70.60032	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3708	2835	2018-12-06	42.436702	-70.599555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4549	3478	2018-12-06	42.436448	-70.599945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3286	2018-12-06	42.43641	-70.599898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3754	2870	2018-12-07	42.436778	-70.598803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4279	3272	2018-12-07	42.43676	-70.598892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4316	3300	2018-12-07	42.436425	-70.599088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3675	2809	2018-12-07	42.436792	-70.598628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4314	3298	2018-12-08	42.436727	-70.59917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4032	3083	2018-12-08	42.436635	-70.599117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4217	3224	2018-12-09	42.437252	-70.59736	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4222	3228	2018-12-09	42.436845	-70.598243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3735	2856	2018-12-09	42.437548	-70.59723	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4137	3163	2018-12-09	42.437145	-70.597448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4180	3196	2018-12-10	42.436925	-70.598855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3947	3017	2018-12-10	42.437425	-70.596485	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4324	3306	2018-12-10	42.437203	-70.596348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3690	2821	2018-12-10	42.43712	-70.597262	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3690	2821	2018-12-10	42.437402	-70.596303	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3937	3010	2018-12-11	42.437658	-70.596925	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4469	3416	2018-12-11	42.437515	-70.595772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3716	2841	2018-12-11	42.437703	-70.595435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4120	3150	2018-12-12	42.437773	-70.595612	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4201	3212	2018-12-12	42.437333	-70.595857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2891	2018-12-12	42.437615	-70.595322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4180	3195	2018-12-12	42.43781	-70.59442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3700	2829	2018-12-13	42.437667	-70.595465	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3751	2868	2018-12-13	42.438328	-70.594673	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4249	3249	2018-12-13	42.437997	-70.594005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3323	2018-12-13	42.43804	-70.594368	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3763	2877	2018-12-13	42.438258	-70.59307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3287	2018-12-14	42.4382	-70.59391	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4421	3380	2018-12-14	42.438107	-70.59323	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3756	2872	2018-12-14	42.43808	-70.593143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4290	3280	2018-12-14	42.437882	-70.593923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4050	3096	2018-12-14	42.438693	-70.592127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3780	2890	2018-12-14	42.438697	-70.591888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4101	3136	2018-12-15	42.438512	-70.59271	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4314	3299	2018-12-15	42.438495	-70.592433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3789	2897	2018-12-15	42.43883	-70.592172	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4240	3242	2018-12-15	42.438982	-70.591535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2018-12-16	42.43883	-70.591693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3884	2969	2018-12-16	42.439218	-70.590795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2018-12-16	42.43924	-70.590795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4217	3224	2018-12-16	42.439582	-70.589963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3750	2867	2018-12-18	42.4396	-70.5898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3920	2997	2018-12-18	42.4392	-70.5898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4291	3280	2018-12-19	42.439307	-70.59063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4211	3220	2018-12-19	42.439282	-70.589825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2018-12-19	42.437578	-70.594728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4085	3123	2018-12-19	42.440125	-70.58919	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4226	3231	2018-12-20	42.439597	-70.589767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3791	2898	2018-12-20	42.439867	-70.588695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4349	3325	2018-12-20	42.439785	-70.589008	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4272	3266	2018-12-20	42.439758	-70.58926	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3750	2867	2018-12-20	42.439333	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4143	3168	2018-12-20	42.440085	-70.588337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4165	3184	2018-12-21	42.43989	-70.588322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3696	2826	2018-12-21	42.437558	-70.593922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4007	3063	2018-12-21	42.440058	-70.588278	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2018-12-21	42.440507	-70.586413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3286	2018-12-28	42.440757	-70.58733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4625	3536	2018-12-28	42.440558	-70.58719	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3772	2884	2018-12-29	42.439372	-70.590243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2018-12-29	42.440508	-70.586677	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4125	3153	2018-12-29	42.44061	-70.587188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3571	2730	2018-12-29	42.441122	-70.585657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3941	3013	2018-12-30	42.440532	-70.586285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4279	3272	2018-12-30	42.441072	-70.585358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3520	2691	2018-12-31	42.440602	-70.586005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4137	3162	2018-12-31	42.44073	-70.585867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3727	2850	2019-01-01	42.441573	-70.584547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4115	3146	2019-01-01	42.441155	-70.584532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3931	3006	2019-01-02	42.440873	-70.58448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4274	3268	2019-01-02	42.441103	-70.584555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3846	2940	2019-01-03	42.441182	-70.58497	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1850	1414	2019-01-03	42.41995	-70.5784	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3771	2883	2019-01-04	42.434215	-70.580953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3954	3023	2019-01-05	42.441318	-70.583988	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1927	1473	2019-01-05	42.41962	-70.5775	W912WJ-18-C-0020
Plymouth Harbor	MBDS	1229	940	2019-01-05	42.4202	-70.5775	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3847	2941	2019-01-06	42.43369	-70.581122	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3917	2995	2019-01-06	42.441402	-70.583767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4037	3086	2019-01-06	42.441533	-70.58322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4328	3309	2019-01-07	42.441168	-70.583992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4204	3214	2019-01-07	42.44162	-70.582063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4297	3285	2019-01-07	42.441765	-70.582392	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1789	1367	2019-01-07	42.41965	-70.57745	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4561	3487	2019-01-08	42.441908	-70.582123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4276	3269	2019-01-08	42.442107	-70.582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4053	3099	2019-01-08	42.442243	-70.580847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4053	3099	2019-01-08	42.442243	-70.580847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2377	1818	2019-01-09	42.44215	-70.580802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1824	1395	2019-01-09	42.442153	-70.580372	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1875	1434	2019-01-09	42.42015	-70.57847	W912WJ-18-C-0020
Plymouth Harbor	MBDS	1767	1351	2019-01-10	42.41663	-70.57767	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4067	3109	2019-01-12	42.442243	-70.579683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4584	3504	2019-01-12	42.442522	-70.579978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3481	2662	2019-01-12	42.44261	-70.579722	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4380	3348	2019-01-12	42.442567	-70.58042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4217	3224	2019-01-12	42.442557	-70.579558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3882	2968	2019-01-13	42.443128	-70.578628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4427	3385	2019-01-13	42.44271	-70.579242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4157	3178	2019-01-13	42.442778	-70.578958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3462	2647	2019-01-13	42.442758	-70.578517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2686	2054	2019-01-13	42.442705	-70.578403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4168	3187	2019-01-13	42.436223	-70.602182	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1843	1409	2019-01-13	42.41947	-70.57748	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4141	3166	2019-01-14	42.436773	-70.601255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4392	3358	2019-01-14	42.436857	-70.600205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3455	2641	2019-01-14	42.4374	-70.598815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2019-01-14	42.438308	-70.59552	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4243	3244	2019-01-14	42.431622	-70.598723	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2525	1930	2019-01-14	42.437938	-70.59696	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1783	1364	2019-01-14	42.41948	-70.57773	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3600	2752	2019-01-15	42.436377	-70.602515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4345	3322	2019-01-15	42.436307	-70.602603	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3707	2834	2019-01-15	42.436447	-70.602497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4203	3213	2019-01-15	42.436253	-70.602628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2523	1929	2019-01-15	42.43673	-70.601248	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1681	1285	2019-01-15	42.41952	-70.57793	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4109	3142	2019-01-16	42.436647	-70.600922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2901	2019-01-16	42.436762	-70.601132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2448	1872	2019-01-16	42.43656	-70.600632	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4373	3343	2019-01-16	42.436862	-70.600735	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1750	1338	2019-01-16	42.41945	-70.57798	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4222	3228	2019-01-17	42.436823	-70.599857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2684	2052	2019-01-17	42.436813	-70.599957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4389	3356	2019-01-17	42.436925	-70.600075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3432	2624	2019-01-17	42.437218	-70.59915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3739	2858	2019-01-17	42.437358	-70.599112	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2273	1738	2019-01-17	42.440812	-70.588177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4229	3233	2019-01-17	42.437267	-70.598697	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1739	1329	2019-01-17	42.41965	-70.57733	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4403	3366	2019-01-18	42.437465	-70.598813	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3815	2917	2019-01-18	42.437683	-70.597918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3531	2700	2019-01-18	42.437738	-70.597638	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4172	3190	2019-01-18	42.437765	-70.596902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4302	3289	2019-01-18	42.438275	-70.59671	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2494	1907	2019-01-18	42.438277	-70.59563	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1767	1351	2019-01-18	42.4201	-70.57807	W912WJ-18-C-0020
Plymouth Harbor	MBDS	1797	1374	2019-01-18	42.41977	-70.57778	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3717	2842	2019-01-19	42.437987	-70.596865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4237	3239	2019-01-19	42.438387	-70.595693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4395	3360	2019-01-19	42.438242	-70.596073	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3490	2668	2019-01-19	42.438237	-70.595828	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3625	2771	2019-01-19	42.438275	-70.595503	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2019-01-19	42.4382	-70.596335	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2415	1847	2019-01-19	42.43834	-70.595942	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1461	1117	2019-01-19	42.41973	-70.57777	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4330	3310	2019-01-20	42.438248	-70.59625	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2099	1604	2019-01-20	42.438587	-70.595667	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2884	2205	2019-01-20	42.43838	-70.595697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3355	2565	2019-01-21	42.438657	-70.59457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3308	2529	2019-01-21	42.438443	-70.59455	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3016	2305	2019-01-22	42.439472	-70.590433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4177	3194	2019-01-22	42.438812	-70.59467	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1475	1128	2019-01-22	42.41992	-70.57783	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3892	2975	2019-01-23	42.438715	-70.594765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3586	2742	2019-01-23	42.442225	-70.582703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1716	1312	2019-01-23	42.438568	-70.594553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3469	2652	2019-01-23	42.439212	-70.593077	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2025	1548	2019-01-23	42.44253	-70.58608	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1688	1291	2019-01-23	42.42017	-70.57778	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3448	2636	2019-01-24	42.439458	-70.593652	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2960	2263	2019-01-25	42.434258	-70.580532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4340	3318	2019-01-25	42.438738	-70.593963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1971	1507	2019-01-25	42.439162	-70.591553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2019-01-25	42.439293	-70.592298	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3686	2818	2019-01-25	42.439333	-70.592087	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1673	1279	2019-01-25	42.41997	-70.57755	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	2405	1839	2019-01-26	42.4393	-70.5922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3521	2692	2019-01-26	42.439293	-70.593062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4148	3171	2019-01-26	42.43946	-70.590803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4234	3237	2019-01-26	42.439585	-70.590985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2516	1923	2019-01-26	42.44	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3545	2710	2019-01-26	42.439002	-70.592322	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1784	1364	2019-01-26	42.42008	-70.5773	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4347	3323	2019-01-27	42.439708	-70.591302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4253	3251	2019-01-27	42.439672	-70.590313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3492	2670	2019-01-27	42.439975	-70.589903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3518	2689	2019-01-27	42.440332	-70.589918	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1763	1348	2019-01-27	42.42022	-70.57777	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	2306	1763	2019-01-28	42.44	-70.5898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3853	2945	2019-01-28	42.439733	-70.590175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4063	3106	2019-01-28	42.4382	-70.589953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3453	2640	2019-01-28	42.440373	-70.58876	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3929	3004	2019-01-28	42.4404	-70.588773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3509	2683	2019-01-28	42.440192	-70.58843	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1863	1424	2019-01-28	42.41987	-70.57698	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	2234	1708	2019-01-29	42.438507	-70.592917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3815	2916	2019-01-29	42.440583	-70.588198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4488	3431	2019-01-29	42.440542	-70.58784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3542	2708	2019-01-29	42.440977	-70.586762	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3460	2645	2019-01-29	42.440765	-70.58782	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1788	1367	2019-01-29	42.41968	-70.5781	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3905	2986	2019-01-30	42.441472	-70.587265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2198	1681	2019-01-30	42.4391	-70.5931	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3895	2978	2019-01-30	42.442413	-70.584385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2019-01-30	42.440838	-70.586473	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4087	3124	2019-01-31	42.440805	-70.587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3425	2618	2019-01-31	42.441285	-70.585672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3797	2903	2019-01-31	42.441533	-70.585467	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2348	1795	2019-01-31	42.4416	-70.5847	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1711	1308	2019-01-31	42.42067	-70.57707	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	3603	2754	2019-02-01	42.441608	-70.58526	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4078	3117	2019-02-01	42.440205	-70.589572	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3992	3052	2019-02-02	42.442093	-70.583755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4185	3200	2019-02-02	42.441867	-70.584352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3498	2674	2019-02-02	42.441928	-70.583218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2375	1816	2019-02-02	42.442015	-70.583642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4192	3205	2019-02-02	42.441798	-70.583983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3818	2919	2019-02-03	42.441782	-70.58343	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3593	2747	2019-02-03	42.442135	-70.583202	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3344	2557	2019-02-03	42.441918	-70.583492	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2291	1752	2019-02-03	42.44206	-70.582765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4213	3221	2019-02-04	42.442312	-70.58277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3341	2554	2019-02-04	42.4416	-70.5843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3613	2762	2019-02-04	42.442222	-70.581687	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3279	2507	2019-02-04	42.44229	-70.584398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2447	1871	2019-02-04	42.4425	-70.582628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3548	2713	2019-02-05	42.442242	-70.581962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2406	1840	2019-02-05	42.44253	-70.580993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3287	2019-02-06	42.44245	-70.581498	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2883	2019-02-06	42.442542	-70.581123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2340	1789	2019-02-06	42.442472	-70.58108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3479	2660	2019-02-06	42.442532	-70.581113	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4037	3087	2019-02-06	42.443178	-70.57996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3467	2651	2019-02-07	42.44315	-70.579943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2652	2028	2019-02-07	42.443095	-70.57994	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3631	2776	2019-02-07	42.44297	-70.580083	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3813	2915	2019-02-07	42.442937	-70.58005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2666	2038	2019-02-08	42.443275	-70.579042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3287	2513	2019-02-08	42.443478	-70.578523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3688	2820	2019-02-08	42.443198	-70.578752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3593	2747	2019-02-08	42.44331	-70.578423	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4152	3174	2019-02-09	42.441022	-70.585393	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3440	2630	2019-02-09	42.44331	-70.578052	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4048	3095	2019-02-09	42.443377	-70.577785	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4192	3205	2019-02-10	42.436732	-70.602522	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3838	2934	2019-02-10	42.436517	-70.602422	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3579	2736	2019-02-10	42.437195	-70.601853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2019-02-11	42.43698	-70.601538	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3997	3055	2019-02-11	42.43717	-70.60103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3640	2783	2019-02-11	42.437218	-70.601313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4077	3117	2019-02-11	42.43725	-70.600637	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2019-02-12	42.437338	-70.600347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3719	2843	2019-02-12	42.437438	-70.60035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3966	3032	2019-02-12	42.437772	-70.59874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1539	1177	2019-02-13	42.437643	-70.599552	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4147	3170	2019-02-13	42.43774	-70.59881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3758	2873	2019-02-14	42.437932	-70.598623	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1630	1246	2019-02-14	42.438258	-70.597873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2019-02-14	42.433765	-70.580247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3930	3005	2019-02-15	42.43865	-70.59782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3818	2919	2019-02-15	42.438798	-70.596733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1535	1174	2019-02-15	42.438715	-70.596522	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3799	2905	2019-02-16	42.438595	-70.596928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1399	1069	2019-02-16	42.438792	-70.59561	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4215	3222	2019-02-16	42.438853	-70.595672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4044	3092	2019-02-17	42.438593	-70.59594	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1676	1281	2019-02-17	42.439532	-70.594718	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4097	3132	2019-02-17	42.439098	-70.594448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4067	3110	2019-02-18	42.43918	-70.594328	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4232	3235	2019-02-18	42.439633	-70.593997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3160	2019-02-18	42.43898	-70.594805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1626	1243	2019-02-18	42.439365	-70.593175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2991	2019-02-19	42.439433	-70.592183	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4044	3092	2019-02-19	42.43984	-70.591915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1702	1301	2019-02-19	42.440338	-70.591658	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4283	3275	2019-02-20	42.439972	-70.591468	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4024	3076	2019-02-20	42.440058	-70.591527	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1558	1191	2019-02-20	42.440233	-70.590732	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2976	2019-02-21	42.440103	-70.591383	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2908	2019-02-21	42.440507	-70.590633	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3389	2591	2019-02-21	42.440322	-70.590133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4103	3137	2019-02-22	42.44068	-70.590327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3627	2773	2019-02-22	42.44104	-70.589435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3560	2722	2019-02-22	42.440893	-70.588402	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2950	2019-02-22	42.440902	-70.588218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4080	3119	2019-02-22	42.440947	-70.58924	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3020	2309	2019-02-23	42.441137	-70.587707	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3745	2863	2019-02-23	42.441065	-70.587998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3931	3005	2019-02-23	42.441585	-70.58818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4167	3186	2019-02-24	42.441432	-70.587388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3807	2911	2019-02-24	42.441657	-70.587305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4021	3074	2019-02-26	42.441322	-70.58733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4375	3345	2019-02-26	42.441318	-70.585445	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2019-02-27	42.441325	-70.585433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4212	3220	2019-02-27	42.441812	-70.585097	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4168	3187	2019-02-27	42.441927	-70.585002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3662	2800	2019-02-27	42.442218	-70.584345	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3895	2978	2019-02-28	42.442532	-70.583373	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2019-02-28	42.442025	-70.584015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3476	2658	2019-02-28	42.442117	-70.582517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4282	3274	2019-03-01	42.44229	-70.583907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4056	3101	2019-03-01	42.442273	-70.584305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3521	2692	2019-03-02	42.442718	-70.582347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3521	2692	2019-03-02	42.428918	-70.599528	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3923	2999	2019-03-03	42.442787	-70.581923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3443	2632	2019-03-03	42.442513	-70.58244	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4083	3122	2019-03-04	42.442825	-70.581697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3944	3015	2019-03-04	42.443155	-70.581152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3512	2685	2019-03-04	42.443378	-70.581067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4178	3194	2019-03-05	42.44315	-70.580883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3053	2019-03-05	42.442978	-70.581618	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3666	2803	2019-03-05	42.44347	-70.579767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4317	3300	2019-03-06	42.443517	-70.580095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4014	3069	2019-03-06	42.44311	-70.580197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3497	2673	2019-03-06	42.443808	-70.579653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2019-03-07	42.443575	-70.57935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3995	3054	2019-03-07	42.443817	-70.578688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3610	2760	2019-03-07	42.444447	-70.578248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2019-03-08	42.444297	-70.577738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3853	2946	2019-03-08	42.44421	-70.577802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4039	3088	2019-03-08	42.443728	-70.578867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3686	2818	2019-03-08	42.444217	-70.577553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2489	1903	2019-03-08	42.4423	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4206	3215	2019-03-08	42.437187	-70.60242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4054	3099	2019-03-09	42.437282	-70.602217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3700	2829	2019-03-09	42.437292	-70.6024	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3755	2871	2019-03-09	42.437523	-70.600007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4111	3143	2019-03-09	42.437592	-70.602242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2616	2000	2019-03-09	42.4374	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4269	3264	2019-03-09	42.43762	-70.60114	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3720	2844	2019-03-09	42.437563	-70.601565	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3824	2924	2019-03-09	42.437567	-70.600927	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2019-03-10	42.437827	-70.601243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3219	2019-03-10	42.438007	-70.600452	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2722	2081	2019-03-10	42.4382	-70.5994	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3687	2819	2019-03-10	42.43824	-70.599988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4186	3201	2019-03-11	42.438192	-70.600357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3255	2019-03-11	42.438463	-70.599015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2611	1996	2019-03-11	42.438	-70.5997	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3236	2474	2019-03-11	42.438515	-70.598008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3950	3020	2019-03-12	42.43818	-70.599015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1846	1411	2019-03-12	42.4383	-70.5988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3468	2651	2019-03-12	42.43849	-70.598305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2019-03-12	42.438617	-70.59803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3671	2806	2019-03-12	42.438962	-70.597598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3796	2902	2019-03-12	42.438497	-70.597698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3670	2806	2019-03-12	42.438875	-70.597705	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1907	1458	2019-03-13	42.4389	-70.5976	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4104	3137	2019-03-13	42.439238	-70.596323	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4222	3228	2019-03-13	42.438742	-70.59723	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3658	2796	2019-03-13	42.439977	-70.589573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4169	3187	2019-03-13	42.43909	-70.596547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3653	2793	2019-03-13	42.43865	-70.59669	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4078	3117	2019-03-14	42.439457	-70.59518	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2404	1838	2019-03-14	42.4392	-70.5953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2684	2019-03-14	42.439327	-70.595087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4269	3263	2019-03-14	42.439207	-70.595863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3602	2754	2019-03-14	42.43932	-70.596067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2432	1860	2019-03-15	42.4396	-70.5941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4094	3130	2019-03-15	42.439903	-70.593998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3479	2660	2019-03-15	42.4403	-70.5858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3985	3046	2019-03-15	42.439553	-70.594612	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4144	3168	2019-03-15	42.439357	-70.59499	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3575	2733	2019-03-16	42.4402	-70.5945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4279	3271	2019-03-16	42.439858	-70.594478	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3303	2525	2019-03-16	42.440248	-70.594263	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4092	3128	2019-03-16	42.440177	-70.594297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3578	2735	2019-03-16	42.4405	-70.5936	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2277	1741	2019-03-16	42.4401	-70.593	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4188	3202	2019-03-17	42.439692	-70.593455	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2019-03-17	42.439742	-70.593653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3531	2699	2019-03-17	42.4399	-70.5932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3411	2608	2019-03-17	42.44016	-70.593163	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3065	2019-03-17	42.44034	-70.592198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4058	3103	2019-03-18	42.44045	-70.591567	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2019-03-18	42.440305	-70.592108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4275	3268	2019-03-18	42.440265	-70.591918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4174	3191	2019-03-18	42.44039	-70.591733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2184	1670	2019-03-19	42.4408	-70.591	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4120	3150	2019-03-19	42.440662	-70.59078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3645	2787	2019-03-19	42.44108	-70.590513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3348	2560	2019-03-19	42.4407	-70.591	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4034	3084	2019-03-19	42.440955	-70.590142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4153	3175	2019-03-20	42.44109	-70.589537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3685	2817	2019-03-20	42.440948	-70.589628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3144	2019-03-20	42.440987	-70.589898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2481	1897	2019-03-20	42.4411	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4324	3306	2019-03-20	42.441633	-70.589723	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3502	2677	2019-03-21	42.440537	-70.58927	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4243	3244	2019-03-21	42.441322	-70.5889	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4139	3164	2019-03-21	42.441152	-70.589362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3641	2784	2019-03-21	42.441443	-70.588538	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4025	3077	2019-03-22	42.44128	-70.589005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3795	2902	2019-03-22	42.441683	-70.587803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3637	2780	2019-03-22	42.441573	-70.587592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2563	1960	2019-03-22	42.4419	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3926	3002	2019-03-23	42.441688	-70.586958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2019-03-23	42.44163	-70.587983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3456	2642	2019-03-23	42.441993	-70.586537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3416	2611	2019-03-23	42.442	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3943	3015	2019-03-23	42.442053	-70.586507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2368	1810	2019-03-23	42.4418	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3712	2838	2019-03-24	42.441833	-70.586915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4176	3192	2019-03-24	42.442203	-70.585507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3471	2654	2019-03-24	42.44247	-70.585672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4026	3078	2019-03-25	42.442212	-70.585613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3201	2447	2019-03-25	42.4428	-70.5857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4083	3121	2019-03-25	42.4425	-70.585475	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2019-03-26	42.442285	-70.584668	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3040	2324	2019-03-27	42.4432	-70.5798	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2013	1539	2019-03-27	42.4426	-70.5844	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4185	3200	2019-03-27	42.442712	-70.584223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4399	3363	2019-03-28	42.442783	-70.583897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2942	2249	2019-03-28	42.4338	-70.5801	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3199	2019-03-28	42.442763	-70.584017	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4216	3223	2019-03-29	42.442788	-70.58317	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1759	1344	2019-03-29	42.4342	-70.5796	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4116	3147	2019-03-29	42.442638	-70.584167	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4271	3265	2019-03-30	42.443215	-70.58221	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4131	3158	2019-03-30	42.443045	-70.582443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4364	3337	2019-03-31	42.443122	-70.582217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2306	1763	2019-03-31	42.4439	-70.5803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3182	2433	2019-03-31	42.4432	-70.5821	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2339	1788	2019-04-01	42.4435	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3995	3054	2019-04-01	42.443673	-70.580822	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2220	1697	2019-04-01	42.4438	-70.5784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3223	2464	2019-04-02	42.4436	-70.5811	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1146	876	2019-04-02	42.4435	-70.5812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3322	2540	2019-04-03	42.444	-70.5799	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2250	1720	2019-04-03	42.4437	-70.5799	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3988	3049	2019-04-04	42.443878	-70.580217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3334	2549	2019-04-04	42.444	-70.5795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4159	3179	2019-04-05	42.44371	-70.580177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4247	3247	2019-04-05	42.444287	-70.579015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2183	1669	2019-04-05	42.444	-70.5784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3550	2714	2019-04-05	42.444337	-70.57914	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2019-04-06	42.44473	-70.578458	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2019-04-06	42.444352	-70.578862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4198	3210	2019-04-06	42.444667	-70.577585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3047	2330	2019-04-06	42.4341	-70.5807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4121	3151	2019-04-06	42.444875	-70.577467	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4122	3151	2019-04-07	42.444753	-70.57783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2223	1700	2019-04-07	42.4445	-70.5781	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4245	3245	2019-04-07	42.444935	-70.57766	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4306	3292	2019-04-07	42.43803	-70.602037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2866	2191	2019-04-07	42.438	-70.6024	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4155	3176	2019-04-08	42.43768	-70.602018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4105	3138	2019-04-08	42.437825	-70.601952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2213	1692	2019-04-08	42.4378	-70.6019	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3582	2739	2019-04-08	42.438375	-70.600863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3259	2019-04-08	42.438048	-70.601347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2583	1975	2019-04-09	42.4381	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4140	3165	2019-04-09	42.438032	-70.601243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2361	1805	2019-04-09	42.4407	-70.5913	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3952	3021	2019-04-09	42.438692	-70.600285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4198	3209	2019-04-09	42.438225	-70.600555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2550	1949	2019-04-09	42.4382	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2605	1992	2019-04-09	42.4382	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4003	3060	2019-04-10	42.438465	-70.60007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4278	3271	2019-04-10	42.438747	-70.59901	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2695	2060	2019-04-10	42.4389	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2381	1820	2019-04-10	42.4387	-70.5991	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2774	2019-04-10	42.438863	-70.599105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4084	3122	2019-04-11	42.43903	-70.59812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2803	2143	2019-04-11	42.4391	-70.5982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3963	3030	2019-04-11	42.439173	-70.59768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4209	3218	2019-04-11	42.439083	-70.598315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2590	1980	2019-04-11	42.441	-70.579	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1778	1359	2019-04-11	42.439343	-70.597673	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4208	3217	2019-04-12	42.439335	-70.59691	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2600	1988	2019-04-12	42.4402	-70.5937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2811	2149	2019-04-12	42.4397	-70.5964	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4135	3161	2019-04-12	42.43967	-70.596533	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3160	2019-04-12	42.43974	-70.597012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2984	2282	2019-04-12	42.4397	-70.5953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3968	3034	2019-04-13	42.439565	-70.595842	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3312	2019-04-13	42.439517	-70.595873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2618	2001	2019-04-13	42.4339	-70.5807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3893	2976	2019-04-13	42.439685	-70.595623	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3196	2444	2019-04-13	42.4401	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3132	2019-04-13	42.440403	-70.593347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3886	2971	2019-04-14	42.44039	-70.593328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3325	2542	2019-04-14	42.4404	-70.5929	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3143	2019-04-14	42.440492	-70.593277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3881	2967	2019-04-14	42.440293	-70.59383	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3234	2473	2019-04-15	42.4405	-70.592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4313	3298	2019-04-15	42.440505	-70.592537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4070	3112	2019-04-15	42.44063	-70.592525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3313	2533	2019-04-15	42.4407	-70.5921	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3976	3040	2019-04-15	42.440995	-70.591065	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1822	1393	2019-04-16	42.4336	-70.581	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3759	2874	2019-04-16	42.440635	-70.590227	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4160	3180	2019-04-16	42.44107	-70.591037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3360	2569	2019-04-16	42.4411	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3926	3001	2019-04-16	42.44104	-70.590568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3967	3033	2019-04-17	42.441307	-70.590277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3264	2495	2019-04-17	42.4416	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3578	2736	2019-04-17	42.441363	-70.589887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3578	2736	2019-04-17	42.441363	-70.589887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2842	2019-04-17	42.441648	-70.589782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4127	3155	2019-04-17	42.441323	-70.59021	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3250	2485	2019-04-17	42.4418	-70.5888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4103	3137	2019-04-18	42.442093	-70.588305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3965	3031	2019-04-18	42.441872	-70.588663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3435	2626	2019-04-18	42.4421	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2019-04-18	42.44239	-70.587585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2019-04-18	42.442415	-70.588085	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3370	2576	2019-04-18	42.4421	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1701	1301	2019-04-19	42.4339	-70.5798	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3835	2932	2019-04-19	42.442392	-70.587983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3909	2989	2019-04-19	42.442247	-70.586717	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3194	2442	2019-04-19	42.4425	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4167	3185	2019-04-19	42.442	-70.586307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4261	3257	2019-04-19	42.442297	-70.587098	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3378	2583	2019-04-20	42.4422	-70.5865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4186	3200	2019-04-20	42.443055	-70.584993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4156	3177	2019-04-20	42.442763	-70.58586	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3486	2665	2019-04-20	42.434013	-70.580592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3466	2650	2019-04-20	42.4431	-70.5858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3131	2019-04-20	42.442783	-70.585877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3198	2019-04-21	42.44251	-70.585762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3523	2694	2019-04-21	42.4432	-70.584	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4449	3402	2019-04-21	42.44324	-70.584233	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4129	3157	2019-04-22	42.44318	-70.584357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4385	3352	2019-04-22	42.443465	-70.584283	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1804	1379	2019-04-22	42.4339	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3616	2765	2019-04-23	42.433647	-70.58062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3239	2477	2019-04-24	42.4438	-70.5828	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2400	1835	2019-04-24	42.4435	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3034	2320	2019-04-26	42.4338	-70.5813	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-04-26	42.443343	-70.583242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3894	2977	2019-04-27	42.433105	-70.58077	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3150	2408	2019-04-27	42.4435	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4118	3148	2019-04-27	42.443688	-70.58189	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2274	1739	2019-04-28	42.4439	-70.582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4102	3136	2019-04-28	42.443407	-70.582453	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4474	3420	2019-04-28	42.443975	-70.581688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3796	2902	2019-04-28	42.443685	-70.58185	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3205	2450	2019-04-28	42.4445	-70.5808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4147	3171	2019-04-28	42.444112	-70.580733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4541	3472	2019-04-29	42.444097	-70.580388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3386	2589	2019-04-29	42.444	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2638	2017	2019-04-29	42.4443	-70.5806	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4167	3186	2019-04-29	42.444352	-70.58003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4098	3133	2019-04-30	42.444263	-70.579745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4206	3216	2019-04-30	42.444267	-70.579738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3321	2539	2019-04-30	42.4443	-70.5796	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3821	2922	2019-04-30	42.444368	-70.579683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4392	3358	2019-04-30	42.444728	-70.57905	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3097	2367	2019-05-01	42.445	-70.5777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2019-05-01	42.444597	-70.578582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2388	1826	2019-05-01	42.4448	-70.5786	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4430	3387	2019-05-01	42.444883	-70.578763	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3931	3006	2019-05-01	42.445072	-70.578075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3408	2605	2019-05-02	42.445152	-70.57757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4356	3330	2019-05-02	42.445145	-70.577385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2764	2019-05-02	42.445157	-70.577913	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3701	2829	2019-05-02	42.445012	-70.57719	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3712	2838	2019-05-02	42.437842	-70.60228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4398	3363	2019-05-02	42.43846	-70.601943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2090	1598	2019-05-03	42.438282	-70.601927	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3831	2929	2019-05-03	42.438117	-70.602357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4546	3475	2019-05-03	42.438277	-70.60267	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3488	2667	2019-05-03	42.43889	-70.600045	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3448	2636	2019-05-03	42.4387	-70.601	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2313	1769	2019-05-03	42.4385	-70.6012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4340	3318	2019-05-03	42.438425	-70.601337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3629	2774	2019-05-03	42.438622	-70.600795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4390	3356	2019-05-04	42.438343	-70.60199	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2764	2019-05-04	42.439223	-70.599275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3453	2640	2019-05-04	42.43923	-70.598602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3282	2509	2019-05-04	42.4388	-70.6006	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2019-05-04	42.43865	-70.600457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4445	3398	2019-05-04	42.438625	-70.600137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4498	3439	2019-05-04	42.439598	-70.597357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3919	2996	2019-05-04	42.439102	-70.598713	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2257	1726	2019-05-04	42.4392	-70.599	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3611	2760	2019-05-04	42.44212	-70.594573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3987	3048	2019-05-05	42.439208	-70.598682	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3543	2709	2019-05-05	42.439667	-70.597348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3455	2642	2019-05-05	42.439835	-70.597137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2961	2019-05-05	42.439677	-70.597497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3631	2776	2019-05-05	42.439845	-70.596512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4410	3372	2019-05-05	42.439557	-70.597547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3206	2451	2019-05-06	42.44002	-70.596447	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2988	2284	2019-05-06	42.4395	-70.5972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4124	3153	2019-05-06	42.439937	-70.596545	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3708	2835	2019-05-06	42.440282	-70.595535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3286	2019-05-06	42.440178	-70.596352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3785	2894	2019-05-06	42.440257	-70.595642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4406	3369	2019-05-06	42.439617	-70.595697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2402	1836	2019-05-06	42.4403	-70.5955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3575	2734	2019-05-07	42.440382	-70.594892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4201	3212	2019-05-07	42.440258	-70.595688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4341	3319	2019-05-07	42.439982	-70.594725	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1443	1103	2019-05-07	42.44078	-70.593953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3084	2358	2019-05-07	42.4407	-70.5941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3528	2698	2019-05-07	42.44081	-70.593428	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4342	3319	2019-05-07	42.441013	-70.59373	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3229	2019-05-08	42.440872	-70.593265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2083	1593	2019-05-08	42.440952	-70.592888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3262	2494	2019-05-08	42.4408	-70.5935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4403	3366	2019-05-08	42.440365	-70.59396	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3586	2741	2019-05-08	42.441157	-70.592738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2019-05-08	42.441355	-70.592062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3339	2552	2019-05-08	42.4411	-70.592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3351	2562	2019-05-08	42.441437	-70.59168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4528	3462	2019-05-09	42.441558	-70.592817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3199	2019-05-09	42.441115	-70.59248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3774	2885	2019-05-09	42.441947	-70.590462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2158	1650	2019-05-09	42.4341	-70.5804	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4451	3403	2019-05-09	42.44138	-70.590875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1288	984	2019-05-09	42.442085	-70.589297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2617	2001	2019-05-09	42.4415	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4238	3240	2019-05-09	42.441718	-70.591083	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3748	2865	2019-05-09	42.442235	-70.589325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4423	3381	2019-05-10	42.442035	-70.589732	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1287	984	2019-05-10	42.44197	-70.589523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3961	3028	2019-05-10	42.441827	-70.589768	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3520	2691	2019-05-10	42.442132	-70.589347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3551	2715	2019-05-10	42.442495	-70.588515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4616	3529	2019-05-10	42.442502	-70.588078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1083	828	2019-05-10	42.4423	-70.5884	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3064	2019-05-11	42.442242	-70.588365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3473	2655	2019-05-11	42.442185	-70.58795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2172	1660	2019-05-11	42.434	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3560	2722	2019-05-11	42.443067	-70.586377	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4335	3314	2019-05-11	42.44252	-70.587218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2884	2019-05-11	42.4393	-70.5985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4128	3156	2019-05-11	42.442623	-70.587263	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3961	3028	2019-05-11	42.441668	-70.586933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3646	2787	2019-05-11	42.442612	-70.587588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4442	3396	2019-05-12	42.44294	-70.586605	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4330	3310	2019-05-12	42.442655	-70.586403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3897	2979	2019-05-12	42.442543	-70.586237	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2019-05-12	42.4432	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4399	3363	2019-05-12	42.442928	-70.586162	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2019-05-12	42.443062	-70.585733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3644	2786	2019-05-12	42.443383	-70.584758	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2029	1551	2019-05-12	42.4337	-70.5805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3758	2873	2019-05-12	42.44324	-70.583778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4359	3332	2019-05-13	42.443408	-70.58541	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4201	3212	2019-05-13	42.4434	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4235	3238	2019-05-13	42.443513	-70.58413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2804	2019-05-13	42.443052	-70.584198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3590	2744	2019-05-13	42.443685	-70.583875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4397	3362	2019-05-13	42.443652	-70.584548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3519	2690	2019-05-13	42.44386	-70.583885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3681	2814	2019-05-14	42.444	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3132	2019-05-15	42.443845	-70.583142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2297	1756	2019-05-15	42.4375	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4332	3312	2019-05-15	42.444222	-70.582505	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3532	2701	2019-05-15	42.44396	-70.582948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3850	2944	2019-05-16	42.4444	-70.5821	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4234	3237	2019-05-16	42.444435	-70.581978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3901	2983	2019-05-16	42.444222	-70.581538	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3671	2806	2019-05-16	42.444417	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4201	3212	2019-05-16	42.444628	-70.581542	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4393	3358	2019-05-16	42.4445	-70.5814	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3132	2019-05-16	42.444543	-70.581273	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3335	2549	2019-05-17	42.4447	-70.5805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3591	2745	2019-05-17	42.444698	-70.58068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2019-05-17	42.444797	-70.580918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4191	3204	2019-05-17	42.4446	-70.58	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4341	3319	2019-05-17	42.444985	-70.579862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3922	2999	2019-05-17	42.444775	-70.579853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3159	2415	2019-05-18	42.4452	-70.5783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4189	3203	2019-05-18	42.4449	-70.5798	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4071	3113	2019-05-18	42.445345	-70.577985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3883	2968	2019-05-18	42.445128	-70.578992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3975	3039	2019-05-18	42.445038	-70.578355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2019-05-18	42.4453	-70.5787	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4324	3306	2019-05-19	42.445508	-70.578038	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3598	2751	2019-05-19	42.445933	-70.578053	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3052	2334	2019-05-19	42.4465	-70.5766	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3706	2834	2019-05-19	42.445612	-70.578068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4213	3221	2019-05-19	42.4457	-70.5776	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4356	3330	2019-05-19	42.445592	-70.577438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3591	2745	2019-05-19	42.438762	-70.601937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3176	2428	2019-05-19	42.4399	-70.5994	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2684	2019-05-19	42.433738	-70.581025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4077	3117	2019-05-20	42.439038	-70.600853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4177	3194	2019-05-20	42.4388	-70.602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4116	3146	2019-05-20	42.438645	-70.602118	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3654	2794	2019-05-20	42.43944	-70.5996	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3961	3029	2019-05-20	42.439098	-70.600813	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2194	1677	2019-05-20	42.4392	-70.6008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4243	3244	2019-05-20	42.4394	-70.6002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4410	3371	2019-05-21	42.439205	-70.60032	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3650	2790	2019-05-21	42.439592	-70.59935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3199	2019-05-21	42.439522	-70.59941	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2019-05-21	42.439452	-70.598647	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4442	3396	2019-05-21	42.4393	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3285	2511	2019-05-21	42.4392	-70.6001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3769	2882	2019-05-22	42.439425	-70.599852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2788	2019-05-22	42.43995	-70.598242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3183	2019-05-22	42.439683	-70.598812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3120	2019-05-22	42.4394	-70.5986	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2131	1629	2019-05-22	42.4337	-70.5815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4251	3250	2019-05-22	42.43956	-70.599478	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3711	2837	2019-05-22	42.440173	-70.597138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2019-05-23	42.44001	-70.597637	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4170	3188	2019-05-23	42.4397	-70.5977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3962	3029	2019-05-23	42.440067	-70.597643	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3916	2994	2019-05-23	42.440252	-70.597517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4424	3383	2019-05-23	42.440322	-70.596843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2779	2125	2019-05-23	42.4405	-70.5967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3756	2871	2019-05-23	42.43894	-70.586238	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4422	3381	2019-05-23	42.440233	-70.5969	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4673	3573	2019-05-24	42.441	-70.5943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3656	2795	2019-05-24	42.44025	-70.596502	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4215	3223	2019-05-24	42.440472	-70.595212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3756	2872	2019-05-24	42.44116	-70.594562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4190	3204	2019-05-24	42.4405	-70.5959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2173	1661	2019-05-24	42.4407	-70.5954	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3417	2612	2019-05-25	42.44089	-70.595358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4515	3452	2019-05-25	42.4411	-70.5939	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2853	2181	2019-05-25	42.441	-70.5944	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3657	2796	2019-05-25	42.441068	-70.593872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4215	3223	2019-05-26	42.4412	-70.5932	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3600	2753	2019-05-26	42.441393	-70.593597	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4280	3272	2019-05-26	42.441482	-70.593182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4325	3306	2019-05-26	42.4413	-70.5934	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4185	3199	2019-05-26	42.441287	-70.593173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2300	1758	2019-05-27	42.4412	-70.5934	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3191	2440	2019-05-27	42.4416	-70.5933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3699	2828	2019-05-27	42.441663	-70.592668	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2019-05-27	42.441725	-70.592377	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2019-05-27	42.44145	-70.59232	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4261	3257	2019-05-27	42.4418	-70.5921	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3812	2914	2019-05-27	42.44191	-70.591587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3705	2832	2019-05-27	42.442197	-70.591018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3321	2539	2019-05-27	42.4419	-70.5922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4272	3266	2019-05-28	42.441838	-70.59087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1952	1492	2019-05-28	42.4419	-70.5908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4229	3233	2019-05-28	42.4425	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3413	2609	2019-05-28	42.4419	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4111	3143	2019-05-28	42.442333	-70.58992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1691	1293	2019-05-28	42.44225	-70.59016	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3324	2019-05-28	42.442477	-70.590213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3956	3024	2019-05-28	42.44235	-70.590172	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4403	3366	2019-05-28	42.4429	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3277	2505	2019-05-29	42.443	-70.5888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-05-29	42.442663	-70.588972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1783	1363	2019-05-29	42.442522	-70.589525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2211	1691	2019-05-29	42.4426	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4092	3129	2019-05-29	42.4431	-70.5876	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4308	3294	2019-05-30	42.442778	-70.588067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1702	1301	2019-05-30	42.443308	-70.58678	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4130	3158	2019-05-30	42.443137	-70.58709	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3285	2511	2019-05-30	42.4433	-70.5864	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4265	3260	2019-05-30	42.4435	-70.5861	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3535	2703	2019-05-30	42.443443	-70.586587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4307	3293	2019-05-30	42.443293	-70.586427	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2102	1607	2019-05-30	42.4431	-70.5862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1862	1424	2019-05-30	42.443408	-70.586358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3705	2833	2019-05-31	42.443687	-70.585483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3988	3049	2019-05-31	42.4438	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4246	3246	2019-05-31	42.44376	-70.58568	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4499	3440	2019-05-31	42.443737	-70.585248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1824	1394	2019-05-31	42.44404	-70.58411	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3765	2878	2019-05-31	42.44405	-70.584453	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3328	2544	2019-05-31	42.4442	-70.5845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3825	2924	2019-06-01	42.4445	-70.5839	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1780	1361	2019-06-01	42.443637	-70.584612	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3389	2019-06-01	42.444145	-70.583615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1497	1145	2019-06-01	42.444223	-70.583313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3087	2360	2019-06-01	42.4439	-70.5848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2354	1800	2019-06-01	42.4444	-70.583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4318	3301	2019-06-01	42.44465	-70.582158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4671	3571	2019-06-01	42.4454	-70.5786	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3464	2649	2019-06-02	42.444717	-70.581263	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1497	1145	2019-06-02	42.444865	-70.580962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4406	3368	2019-06-02	42.444667	-70.582175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4494	3435	2019-06-02	42.4446	-70.5818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3415	2611	2019-06-02	42.4449	-70.5804	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3505	2680	2019-06-02	42.444918	-70.581415	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2392	1829	2019-06-02	42.445	-70.5807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2019-06-02	42.44521	-70.580742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3255	2019-06-03	42.4453	-70.5803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2683	2019-06-03	42.4454	-70.5789	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3731	2853	2019-06-03	42.445288	-70.58025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3578	2735	2019-06-03	42.445347	-70.57937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3379	2583	2019-06-03	42.445577	-70.578748	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4109	3142	2019-06-03	42.445383	-70.579093	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2144	1639	2019-06-03	42.4457	-70.5786	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4003	3060	2019-06-03	42.4456	-70.5787	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2788	2019-06-04	42.445903	-70.578792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3528	2697	2019-06-04	42.445612	-70.578805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4121	3151	2019-06-04	42.44571	-70.578443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4590	3509	2019-06-04	42.4458	-70.578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2895	2214	2019-06-04	42.446068	-70.577483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3321	2539	2019-06-05	42.4338	-70.581	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3847	2941	2019-06-05	42.445918	-70.576547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3956	3025	2019-06-05	42.4462	-70.5772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3259	2019-06-05	42.44573	-70.577617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3802	2907	2019-06-05	42.439522	-70.602192	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2278	1741	2019-06-05	42.4391	-70.6022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2019-06-05	42.439225	-70.602312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4025	3077	2019-06-05	42.4392	-70.6023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4406	3368	2019-06-06	42.439308	-70.602198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3574	2733	2019-06-06	42.439468	-70.601552	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3400	2599	2019-06-06	42.4396	-70.6002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4242	3243	2019-06-06	42.43957	-70.601012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4042	3090	2019-06-06	42.4395	-70.6011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4245	3246	2019-06-06	42.439718	-70.600793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3624	2770	2019-06-06	42.43979	-70.600203	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3688	2819	2019-06-06	42.439827	-70.599747	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3552	2715	2019-06-06	42.4396	-70.5997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4646	3552	2019-06-07	42.4397	-70.5998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4286	3276	2019-06-07	42.439398	-70.599665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4421	3380	2019-06-07	42.44021	-70.598398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2448	1872	2019-06-07	42.44	-70.5987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3705	2833	2019-06-07	42.440437	-70.598635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3507	2681	2019-06-07	42.4403	-70.5988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3880	2967	2019-06-07	42.440705	-70.597357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3811	2914	2019-06-07	42.440722	-70.597337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4297	3285	2019-06-07	42.4404	-70.598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4194	3206	2019-06-08	42.440593	-70.5977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2908	2019-06-08	42.440425	-70.598325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3801	2906	2019-06-08	42.440815	-70.596612	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2238	1711	2019-06-08	42.4413	-70.5949	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4472	3419	2019-06-08	42.4409	-70.5966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4333	3312	2019-06-08	42.441288	-70.595933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4064	3107	2019-06-08	42.440638	-70.596498	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3778	2889	2019-06-08	42.441238	-70.595657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4608	3523	2019-06-09	42.441157	-70.595962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4195	3207	2019-06-09	42.4412	-70.5952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3336	2551	2019-06-09	42.4414	-70.5947	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4299	3287	2019-06-09	42.441253	-70.595478	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3672	2808	2019-06-09	42.441535	-70.595012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4429	3386	2019-06-09	42.441532	-70.594148	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1721	1316	2019-06-09	42.4416	-70.5942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2019-06-10	42.4427	-70.5924	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4061	3105	2019-06-10	42.441408	-70.594697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2339	1788	2019-06-10	42.4419	-70.5928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4609	3524	2019-06-10	42.4421	-70.5923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4495	3437	2019-06-10	42.44163	-70.593532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3545	2710	2019-06-10	42.4423	-70.5916	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2975	2019-06-10	42.44192	-70.592512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3618	2766	2019-06-10	42.442392	-70.591327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3999	3058	2019-06-10	42.442065	-70.592028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4289	3279	2019-06-11	42.442617	-70.590928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4292	3282	2019-06-11	42.4426	-70.5911	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2210	1689	2019-06-11	42.4427	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4051	3097	2019-06-11	42.44233	-70.590992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2900	2019-06-11	42.442248	-70.59133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4304	3290	2019-06-11	42.443028	-70.589687	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3815	2916	2019-06-11	42.442152	-70.589258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3443	2632	2019-06-11	42.4433	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4241	3243	2019-06-11	42.443	-70.5891	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4038	3087	2019-06-12	42.443082	-70.589863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4038	3087	2019-06-12	42.443082	-70.589863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4537	3469	2019-06-12	42.443233	-70.58883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2257	1726	2019-06-12	42.443358	-70.58851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3352	2563	2019-06-12	42.4434	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3644	2786	2019-06-12	42.443493	-70.587715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4314	3298	2019-06-12	42.4433	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4363	3336	2019-06-12	42.443348	-70.587985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4363	3336	2019-06-12	42.443348	-70.587985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4375	3345	2019-06-12	42.443435	-70.587962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3824	2924	2019-06-12	42.44284	-70.592148	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2019-06-12	42.443367	-70.586665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4413	3374	2019-06-13	42.444257	-70.586217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3509	2683	2019-06-13	42.443072	-70.587695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3323	2019-06-13	42.444038	-70.586262	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2060	1575	2019-06-13	42.443795	-70.58644	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3801	2906	2019-06-13	42.443567	-70.587015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3485	2664	2019-06-13	42.44383	-70.58648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2019-06-13	42.444118	-70.585635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4312	3296	2019-06-13	42.444395	-70.585408	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2019-06-14	42.444118	-70.585635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3251	2486	2019-06-14	42.443917	-70.585153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4103	3137	2019-06-14	42.444208	-70.585418	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3531	2700	2019-06-14	42.443888	-70.586372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3962	3029	2019-06-14	42.4446	-70.584397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4505	3444	2019-06-14	42.444345	-70.585327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3962	3029	2019-06-14	42.4446	-70.584397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3448	2636	2019-06-14	42.444698	-70.584057	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4037	3086	2019-06-14	42.444613	-70.584023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3808	2911	2019-06-14	42.444827	-70.58365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2134	1632	2019-06-14	42.444542	-70.583657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3785	2893	2019-06-15	42.444917	-70.583387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3054	2019-06-15	42.444962	-70.583067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3785	2893	2019-06-15	42.444917	-70.583387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2683	2019-06-15	42.44497	-70.582842	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4475	3421	2019-06-15	42.44497	-70.582765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3535	2703	2019-06-16	42.445245	-70.581825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3693	2824	2019-06-16	42.444765	-70.583163	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3396	2596	2019-06-16	42.445295	-70.581158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3219	2019-06-16	42.44559	-70.581332	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4337	3316	2019-06-16	42.445217	-70.582117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4108	3141	2019-06-16	42.446143	-70.579535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3677	2811	2019-06-16	42.44535	-70.580887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4108	3141	2019-06-16	42.446143	-70.579535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3822	2922	2019-06-16	42.44289	-70.578473	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1969	1505	2019-06-17	42.446383	-70.579565	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3501	2677	2019-06-17	42.446057	-70.57978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4633	3542	2019-06-17	42.445645	-70.579532	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3680	2814	2019-06-17	42.446195	-70.578483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3501	2677	2019-06-17	42.446057	-70.57978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4337	3316	2019-06-17	42.446588	-70.57663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2884	2019-06-17	42.446145	-70.577515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2019-06-17	42.44668	-70.57732	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2908	2019-06-18	42.446632	-70.577493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4025	3077	2019-06-18	42.446475	-70.576853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2908	2019-06-18	42.446632	-70.577493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3983	3045	2019-06-18	42.439782	-70.601997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3925	3001	2019-06-18	42.446543	-70.577175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2061	1576	2019-06-18	42.446475	-70.577138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3996	3055	2019-06-18	42.439765	-70.602513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4540	3471	2019-06-18	42.439603	-70.602377	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3996	3055	2019-06-18	42.439765	-70.602513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4600	3517	2019-06-18	42.439438	-70.603218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3591	2745	2019-06-18	42.440313	-70.600213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3772	2884	2019-06-19	42.439518	-70.602088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4775	3651	2019-06-19	42.440047	-70.600512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4412	3373	2019-06-19	42.440247	-70.600683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3774	2885	2019-06-19	42.440232	-70.600955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2019-06-20	42.440602	-70.599738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3420	2615	2019-06-20	42.440178	-70.600698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2019-06-20	42.440602	-70.599738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2019-06-20	42.43993	-70.600148	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3117	2383	2019-06-20	42.440642	-70.599663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4498	3439	2019-06-20	42.440505	-70.599248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4382	3350	2019-06-20	42.440763	-70.597907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3652	2792	2019-06-20	42.440632	-70.599653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3225	2019-06-20	42.440785	-70.598757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1777	1359	2019-06-20	42.441173	-70.598378	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3225	2019-06-21	42.440785	-70.598757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4722	3610	2019-06-21	42.44101	-70.597403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4191	3204	2019-06-21	42.440873	-70.598515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3651	2791	2019-06-21	42.441017	-70.596168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3391	2592	2019-06-21	42.441093	-70.59762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4137	3163	2019-06-21	42.441097	-70.59777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3569	2728	2019-06-22	42.428635	-70.576265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4412	3373	2019-06-22	42.42849	-70.576162	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3044	2327	2019-06-22	42.428708	-70.576108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3741	2860	2019-06-22	42.428378	-70.576005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4622	3534	2019-06-23	42.428375	-70.576665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2011	1537	2019-06-23	42.428975	-70.576845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3584	2740	2019-06-23	42.428778	-70.576583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4303	3290	2019-06-23	42.42921	-70.577123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3720	2844	2019-06-23	42.428827	-70.576272	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4436	3391	2019-06-24	42.42838	-70.576055	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3283	2510	2019-06-24	42.428213	-70.580065	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2949	2019-06-24	42.429057	-70.576502	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2019-06-24	42.428523	-70.576375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2019-06-24	42.428523	-70.576375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4502	3442	2019-06-24	42.428488	-70.575152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4397	3362	2019-06-24	42.428103	-70.576183	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2022	1546	2019-06-24	42.42883	-70.576023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3780	2890	2019-06-24	42.42884	-70.575847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2897	2019-06-25	42.428752	-70.576372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3780	2890	2019-06-25	42.42884	-70.575847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3388	2019-06-25	42.42912	-70.57609	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4281	3273	2019-06-25	42.429005	-70.576462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3938	3010	2019-06-25	42.428472	-70.576123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3698	2827	2019-06-25	42.428495	-70.57646	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3280	2508	2019-06-25	42.428642	-70.577508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3937	3010	2019-06-25	42.428472	-70.576123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4380	3349	2019-06-25	42.428672	-70.576497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4276	3269	2019-06-25	42.428762	-70.576722	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3286	2019-06-26	42.42866	-70.576275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3286	2019-06-26	42.42866	-70.576275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3702	2830	2019-06-26	42.428542	-70.576307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2090	1598	2019-06-26	42.428708	-70.576043	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3831	2929	2019-06-26	42.428145	-70.576885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4360	3333	2019-06-26	42.42857	-70.576405	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4109	3142	2019-06-26	42.428635	-70.5762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3754	2870	2019-06-26	42.429142	-70.576998	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4109	3142	2019-06-26	42.428635	-70.5762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3691	2822	2019-06-26	42.428622	-70.575848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3708	2835	2019-06-27	42.428528	-70.576258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3043	2019-06-27	42.428678	-70.575838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3140	2401	2019-06-27	42.428697	-70.576175	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3043	2019-06-27	42.428678	-70.575838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1895	1449	2019-06-27	42.428728	-70.575748	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3956	3024	2019-06-27	42.428305	-70.57626	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1909	1459	2019-06-28	42.428405	-70.576485	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4485	3429	2019-06-28	42.428605	-70.57577	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2019-06-28	42.42866	-70.575735	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2019-06-28	42.42866	-70.575735	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4528	3462	2019-06-28	42.42885	-70.575755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2019-06-28	42.42874	-70.576193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3100	2370	2019-06-29	42.428515	-70.576418	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3874	2962	2019-06-29	42.428787	-70.57728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3948	3018	2019-06-29	42.428565	-70.576247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3948	3018	2019-06-29	42.428565	-70.576247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4441	3395	2019-06-29	42.428635	-70.575878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2356	1801	2019-06-29	42.429142	-70.575993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4381	3350	2019-06-29	42.428683	-70.575978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2019-06-29	42.428445	-70.576325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2991	2019-06-30	42.428628	-70.575397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2019-06-30	42.428445	-70.576325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3830	2928	2019-06-30	42.428792	-70.57535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4237	3239	2019-06-30	42.428827	-70.576003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3661	2799	2019-06-30	42.429312	-70.576313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3950	3020	2019-06-30	42.428527	-70.5758	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3950	3020	2019-06-30	42.428527	-70.5758	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4395	3360	2019-07-01	42.428933	-70.576157	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4441	3395	2019-07-01	42.428243	-70.576062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2843	2019-07-01	42.428518	-70.575857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3987	3048	2019-07-01	42.428742	-70.576352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4326	3307	2019-07-01	42.42882	-70.576627	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3987	3048	2019-07-01	42.428742	-70.576352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4384	3352	2019-07-01	42.428628	-70.575968	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3849	2943	2019-07-01	42.42885	-70.5768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3701	2830	2019-07-02	42.428695	-70.576412	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4180	3195	2019-07-02	42.428517	-70.575703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4180	3195	2019-07-02	42.428517	-70.575703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-07-02	42.428793	-70.57656	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3449	2637	2019-07-02	42.42883	-70.576378	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3324	2541	2019-07-02	42.428812	-70.576143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4154	3176	2019-07-02	42.441682	-70.595897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4154	3176	2019-07-02	42.441682	-70.595897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3252	2486	2019-07-02	42.441677	-70.596137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4365	3337	2019-07-03	42.441515	-70.595688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3641	2784	2019-07-03	42.441773	-70.595088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3933	3007	2019-07-03	42.441908	-70.595015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3274	2503	2019-07-03	42.441582	-70.596193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3933	3007	2019-07-03	42.441908	-70.595015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2165	1655	2019-07-03	42.441808	-70.595572	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2019-07-03	42.442132	-70.59483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4545	3475	2019-07-03	42.44189	-70.594917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4033	3083	2019-07-03	42.442292	-70.59405	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3320	2539	2019-07-04	42.442345	-70.59401	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3666	2803	2019-07-04	42.442725	-70.593752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4033	3083	2019-07-04	42.442292	-70.59405	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4417	3377	2019-07-04	42.442175	-70.591752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2019-07-04	42.442595	-70.59283	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3230	2469	2019-07-04	42.442137	-70.59361	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3857	2949	2019-07-04	42.44274	-70.59193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2019-07-04	42.442595	-70.59283	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4191	3204	2019-07-04	42.443062	-70.5923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3288	2514	2019-07-04	42.442557	-70.592988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2019-07-04	42.442758	-70.591675	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3000	2293	2019-07-05	42.442237	-70.593647	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2019-07-05	42.442758	-70.591675	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4316	3299	2019-07-05	42.442422	-70.592565	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3833	2930	2019-07-05	42.44309	-70.591043	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2382	1821	2019-07-05	42.44282	-70.591372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3829	2928	2019-07-05	42.443257	-70.590667	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2936	2245	2019-07-05	42.442962	-70.591488	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3829	2928	2019-07-05	42.443257	-70.590667	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4384	3351	2019-07-05	42.442918	-70.58995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3254	2488	2019-07-05	42.443265	-70.590535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5025	3842	2019-07-06	42.443012	-70.590588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4155	3177	2019-07-06	42.44321	-70.590322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4155	3177	2019-07-06	42.44321	-70.590322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4499	3440	2019-07-06	42.443847	-70.58814	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3124	2388	2019-07-06	42.443262	-70.589872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3720	2844	2019-07-06	42.44365	-70.588532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2976	2019-07-06	42.443462	-70.588938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2976	2019-07-06	42.443462	-70.588938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2293	1753	2019-07-06	42.443415	-70.589412	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3174	2427	2019-07-07	42.443455	-70.588737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2019-07-07	42.44403	-70.587878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4066	3108	2019-07-07	42.444182	-70.587448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3929	3004	2019-07-07	42.443837	-70.588188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3929	3004	2019-07-07	42.443837	-70.588188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4323	3305	2019-07-07	42.444303	-70.587578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3096	2367	2019-07-07	42.443885	-70.587675	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3910	2989	2019-07-07	42.444632	-70.585607	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3902	2984	2019-07-08	42.444278	-70.587222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3002	2295	2019-07-08	42.444167	-70.587013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3902	2984	2019-07-08	42.444278	-70.587222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3000	2293	2019-07-08	42.4445	-70.58711	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4354	3329	2019-07-08	42.443835	-70.58774	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3955	3023	2019-07-08	42.444295	-70.58589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4449	3401	2019-07-08	42.444243	-70.586333	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3955	3023	2019-07-09	42.444295	-70.58589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4237	3240	2019-07-09	42.444702	-70.585818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3316	2535	2019-07-09	42.444503	-70.586113	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2325	1778	2019-07-09	42.444722	-70.58548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2325	1778	2019-07-09	42.444722	-70.58548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3923	2999	2019-07-09	42.444548	-70.585432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4402	3365	2019-07-09	42.444458	-70.586062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3910	2989	2019-07-09	42.444548	-70.585432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4346	3323	2019-07-09	42.444963	-70.584607	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3025	2313	2019-07-09	42.444657	-70.585302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3487	2666	2019-07-09	42.444743	-70.58504	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4002	3059	2019-07-09	42.44509	-70.58421	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4002	3059	2019-07-09	42.44509	-70.58421	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3094	2366	2019-07-10	42.445043	-70.583883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3388	2019-07-10	42.445042	-70.583352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3258	2491	2019-07-10	42.444873	-70.583853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3942	3014	2019-07-10	42.44512	-70.583327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3942	3014	2019-07-10	42.44512	-70.583327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3926	3001	2019-07-10	42.445595	-70.582393	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3047	2330	2019-07-10	42.445385	-70.58269	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4204	3214	2019-07-10	42.445442	-70.582793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2019-07-11	42.445482	-70.582783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2019-07-11	42.445482	-70.582783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4386	3353	2019-07-11	42.445422	-70.583085	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2239	1712	2019-07-11	42.445838	-70.58179	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3917	2995	2019-07-11	42.445945	-70.581168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3351	2562	2019-07-11	42.44603	-70.581445	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2019-07-11	42.44644	-70.582135	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2019-07-11	42.44644	-70.582135	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4156	3177	2019-07-11	42.445958	-70.581953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4241	3242	2019-07-11	42.445843	-70.581503	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3121	2386	2019-07-11	42.446188	-70.580027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4102	3136	2019-07-12	42.4465	-70.580392	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4102	3136	2019-07-12	42.4465	-70.580392	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4077	3117	2019-07-12	42.446158	-70.580537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4311	3296	2019-07-12	42.446375	-70.580182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3227	2467	2019-07-12	42.446488	-70.579645	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3291	2516	2019-07-12	42.446115	-70.580772	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4134	3160	2019-07-12	42.446645	-70.578298	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4134	3160	2019-07-12	42.446645	-70.578298	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4267	3263	2019-07-13	42.446348	-70.579212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3764	2878	2019-07-13	42.446645	-70.578893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3764	2878	2019-07-13	42.446645	-70.578893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4197	3209	2019-07-13	42.44665	-70.578875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2351	1797	2019-07-13	42.446852	-70.578297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-07-13	42.446768	-70.578327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3033	2319	2019-07-13	42.446667	-70.577827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3966	3032	2019-07-13	42.447328	-70.578742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3966	3032	2019-07-13	42.447328	-70.578742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4309	3294	2019-07-14	42.446853	-70.578292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4146	3170	2019-07-14	42.446968	-70.577033	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2980	2278	2019-07-14	42.446873	-70.577735	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2019-07-14	42.447032	-70.577973	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2019-07-14	42.447032	-70.577973	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2773	2019-07-14	42.446898	-70.577533	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4595	3513	2019-07-14	42.446963	-70.577788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4053	3098	2019-07-15	42.44036	-70.600898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2820	2156	2019-07-15	42.44053	-70.601742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3049	2331	2019-07-15	42.440547	-70.600533	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2991	2019-07-15	42.440107	-70.601598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2991	2019-07-15	42.440107	-70.601598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4164	3184	2019-07-15	42.440577	-70.601165	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4376	3346	2019-07-15	42.440597	-70.600317	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3791	2898	2019-07-15	42.44085	-70.59976	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2400	1835	2019-07-15	42.441035	-70.600345	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4253	3251	2019-07-16	42.440628	-70.600527	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4448	3401	2019-07-16	42.441082	-70.600413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2354	1799	2019-07-16	42.442117	-70.595973	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4088	3126	2019-07-16	42.441378	-70.598823	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4108	3140	2019-07-16	42.441378	-70.598823	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2258	1727	2019-07-16	42.441067	-70.59885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-07-16	42.441045	-70.598885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4522	3457	2019-07-16	42.44167	-70.597443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3689	2821	2019-07-16	42.441007	-70.599125	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2019-07-17	42.441373	-70.59756	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2279	1742	2019-07-17	42.441533	-70.597938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2019-07-17	42.441373	-70.59756	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3280	2508	2019-07-17	42.441363	-70.598015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4353	3328	2019-07-17	42.441548	-70.598357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4135	3162	2019-07-17	42.433822	-70.581208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2243	1715	2019-07-17	42.44176	-70.596393	W912WJ-18-C-0010
South River	MBDS	583	446	2019-07-17	42.42072	-70.5781	NAE-2016-02585
Boston Harbor Improvement	MBDS	2423	1853	2019-07-18	42.441795	-70.596658	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4063	3107	2019-07-18	42.441415	-70.597548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4283	3275	2019-07-18	42.44177	-70.596842	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4063	3107	2019-07-18	42.441415	-70.597548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4341	3319	2019-07-18	42.442163	-70.59548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2216	1694	2019-07-18	42.442017	-70.595947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3197	2444	2019-07-18	42.442045	-70.596045	W912WJ-18-C-0010
South River	MBDS	583	445	2019-07-18	42.42022	-70.57757	NAE-2016-02585
Boston Harbor Improvement	MBDS	3689	2820	2019-07-19	42.442303	-70.595687	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4146	3170	2019-07-19	42.442332	-70.596225	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3312	2019-07-19	42.44259	-70.594632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2743	2097	2019-07-19	42.442505	-70.594095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2842	2019-07-19	42.442148	-70.595535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3312	2019-07-19	42.44259	-70.594632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3838	2934	2019-07-19	42.442642	-70.593902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2531	1935	2019-07-19	42.442253	-70.594618	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4403	3366	2019-07-19	42.442757	-70.593205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4515	3451	2019-07-19	42.442778	-70.59292	W912WJ-18-C-0010
South River	MBDS	590	451	2019-07-19	42.41958	-70.57773	NAE-2016-02585
Boston Harbor Improvement	MBDS	3437	2627	2019-07-20	42.442902	-70.593217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4515	3451	2019-07-20	42.442778	-70.59292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4438	3393	2019-07-20	42.442917	-70.593055	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3518	2690	2019-07-20	42.442912	-70.592873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3344	2556	2019-07-20	42.443183	-70.592302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3891	2975	2019-07-20	42.443122	-70.591795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2019-07-20	42.443237	-70.59193	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3635	2779	2019-07-20	42.443392	-70.59179	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2019-07-20	42.443237	-70.59193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2405	1839	2019-07-20	42.443062	-70.59223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4404	3367	2019-07-20	42.443535	-70.590887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4416	3376	2019-07-21	42.44343	-70.591127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4266	3261	2019-07-21	42.443678	-70.590812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4266	3261	2019-07-21	42.443678	-70.590812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3675	2810	2019-07-21	42.443048	-70.59197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4391	3357	2019-07-21	42.443662	-70.590895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3469	2652	2019-07-21	42.443903	-70.590208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3432	2624	2019-07-21	42.444025	-70.58917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4237	3239	2019-07-21	42.443747	-70.589743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4294	3283	2019-07-22	42.443957	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2019-07-22	42.44384	-70.589478	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4294	3283	2019-07-22	42.443957	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4197	3209	2019-07-22	42.444388	-70.58827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2698	2063	2019-07-22	42.444173	-70.588367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3846	2941	2019-07-22	42.444383	-70.587848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2019-07-22	42.444157	-70.588733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3737	2857	2019-07-22	42.44442	-70.588815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2019-07-22	42.444157	-70.588733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3311	2019-07-22	42.444533	-70.587627	W912WJ-18-C-0010
South River	MBDS	596	456	2019-07-22	42.4199	-70.57783	NAE-2016-02585
Boston Harbor Improvement	MBDS	3281	2508	2019-07-23	42.444828	-70.587837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3873	2961	2019-07-23	42.444552	-70.587613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4151	3173	2019-07-23	42.444812	-70.588207	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2019-07-23	42.444368	-70.588382	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4150	3173	2019-07-23	42.444812	-70.588207	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3190	2439	2019-07-23	42.444632	-70.587387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3611	2760	2019-07-24	42.44503	-70.586055	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3316	2535	2019-07-24	42.444863	-70.586242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3735	2855	2019-07-24	42.444842	-70.586733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4305	3291	2019-07-24	42.44526	-70.5868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4297	3285	2019-07-24	42.44513	-70.585852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3263	2495	2019-07-24	42.445047	-70.58557	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4297	3285	2019-07-24	42.44513	-70.585852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3728	2850	2019-07-24	42.44539	-70.584688	W912WJ-18-C-0010
South River	MBDS	569	435	2019-07-24	42.42028	-70.57712	NAE-2016-02585
Boston Harbor Improvement	MBDS	3768	2881	2019-07-25	42.445295	-70.585327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4436	3391	2019-07-25	42.445498	-70.584792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4322	3304	2019-07-25	42.44545	-70.584158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2379	1819	2019-07-25	42.445463	-70.5843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2019-07-25	42.44105	-70.595547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4322	3304	2019-07-25	42.44545	-70.584158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4610	3524	2019-07-25	42.445552	-70.584195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3655	2794	2019-07-25	42.445327	-70.585063	W912WJ-18-C-0010
South River	MBDS	510	390	2019-07-25	42.42008	-70.57778	NAE-2016-02585
Boston Harbor Improvement	MBDS	3232	2471	2019-07-26	42.44629	-70.581198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4141	3166	2019-07-26	42.44592	-70.582947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3882	2968	2019-07-26	42.445975	-70.582778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4401	3365	2019-07-26	42.445927	-70.582868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4141	3166	2019-07-26	42.44592	-70.582947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2477	1894	2019-07-26	42.445897	-70.582918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3763	2877	2019-07-26	42.446095	-70.58217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4265	3260	2019-07-26	42.446438	-70.581617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3632	2777	2019-07-26	42.446465	-70.581762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4265	3260	2019-07-26	42.446438	-70.581617	W912WJ-18-C-0010
South River	MBDS	559	427	2019-07-26	42.4204	-70.57803	NAE-2016-02585
Boston Harbor Improvement	MBDS	3716	2841	2019-07-27	42.445663	-70.583318	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4381	3349	2019-07-27	42.44656	-70.581352	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2788	2019-07-27	42.44648	-70.580602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4174	3191	2019-07-27	42.446385	-70.580983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2494	1907	2019-07-27	42.446488	-70.581063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3680	2814	2019-07-27	42.446455	-70.580565	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4174	3191	2019-07-27	42.446385	-70.580983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4440	3395	2019-07-27	42.446625	-70.58027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4339	3317	2019-07-27	42.447053	-70.580177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3759	2874	2019-07-27	42.44694	-70.58001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4339	3317	2019-07-27	42.447053	-70.580177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4298	3286	2019-07-28	42.44714	-70.579678	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3685	2817	2019-07-28	42.446672	-70.579942	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3198	2019-07-28	42.446968	-70.5787	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4028	3079	2019-07-28	42.44674	-70.579167	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2666	2038	2019-07-28	42.446947	-70.57869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3198	2019-07-28	42.446968	-70.5787	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4453	3404	2019-07-28	42.447502	-70.578845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3826	2925	2019-07-28	42.447605	-70.577213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2928	2239	2019-07-28	42.448012	-70.57745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3666	2802	2019-07-28	42.447442	-70.577657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3324	2019-07-29	42.447537	-70.576912	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2019-07-29	42.447665	-70.57735	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4378	3347	2019-07-29	42.4411	-70.600853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2605	1992	2019-07-29	42.447423	-70.577863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4606	3522	2019-07-29	42.442115	-70.597575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4378	3347	2019-07-29	42.4411	-70.600853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3518	2689	2019-07-29	42.441335	-70.600852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3588	2743	2019-07-29	42.440795	-70.60146	W912WJ-18-C-0010
South River	MBDS	541	413	2019-07-29	42.42007	-70.57782	NAE-2016-02585
Boston Harbor Improvement	MBDS	4374	3344	2019-07-30	42.441008	-70.600742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4870	3723	2019-07-30	42.441355	-70.599338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3226	2019-07-30	42.441733	-70.599022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3820	2920	2019-07-30	42.445453	-70.588958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3191	2439	2019-07-30	42.441275	-70.599878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4058	3102	2019-07-30	42.441667	-70.598693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4440	3395	2019-07-30	42.441803	-70.599178	W912WJ-18-C-0010
South River	MBDS	513	393	2019-07-30	42.41975	-70.5778	NAE-2016-02585
Boston Harbor Improvement	MBDS	3902	2983	2019-07-31	42.441682	-70.59784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4290	3280	2019-07-31	42.441947	-70.598097	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2501	1912	2019-07-31	42.441838	-70.597995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3778	2889	2019-07-31	42.441497	-70.599133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4531	3464	2019-07-31	42.442318	-70.597015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3900	2982	2019-07-31	42.441992	-70.597217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4391	3357	2019-08-01	42.442165	-70.596838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4040	3089	2019-08-01	42.442377	-70.597605	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4421	3380	2019-08-01	42.442157	-70.597288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3121	2019-08-01	42.442325	-70.59632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3689	2820	2019-08-01	42.442183	-70.59674	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4313	3297	2019-08-01	42.442287	-70.596107	W912WJ-18-C-0010
South River	MBDS	579	442	2019-08-01	42.42018	-70.57662	NAE-2016-02585
South River	MBDS	540	413	2019-08-01	42.4198	-70.57642	NAE-2016-02585
South River	MBDS	534	408	2019-08-01	42.41972	-70.57767	NAE-2016-02585
Boston Harbor Improvement	MBDS	4525	3459	2019-08-02	42.442387	-70.596617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4486	3430	2019-08-02	42.442665	-70.59587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4026	3078	2019-08-02	42.443012	-70.595687	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4051	3097	2019-08-02	42.442662	-70.595702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4223	3229	2019-08-02	42.44262	-70.595342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3400	2599	2019-08-02	42.442788	-70.595048	W912WJ-18-C-0010
South River	MBDS	551	421	2019-08-02	42.41937	-70.57748	NAE-2016-02585
Boston Harbor Improvement	MBDS	4323	3305	2019-08-03	42.443247	-70.594027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4628	3538	2019-08-03	42.443115	-70.594515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3748	2865	2019-08-03	42.442923	-70.59421	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4016	3070	2019-08-03	42.443203	-70.594392	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3631	2776	2019-08-03	42.443313	-70.593688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4022	3075	2019-08-03	42.442938	-70.594305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4525	3460	2019-08-03	42.443503	-70.592782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3795	2901	2019-08-04	42.443488	-70.593092	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3985	3047	2019-08-04	42.44366	-70.592982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4530	3463	2019-08-04	42.443447	-70.592782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2019-08-04	42.443597	-70.59297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3524	2694	2019-08-04	42.443678	-70.591918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2425	1854	2019-08-05	42.443972	-70.590493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4460	3410	2019-08-05	42.443843	-70.591618	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4398	3362	2019-08-05	42.443612	-70.591648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4234	3237	2019-08-05	42.44408	-70.591707	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3533	2701	2019-08-05	42.444255	-70.590698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3813	2915	2019-08-05	42.444052	-70.590775	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3639	2782	2019-08-05	42.44493	-70.590747	W912WJ-18-C-0010
South River	MBDS	579	443	2019-08-05	42.4197	-70.5779	NAE-2016-02585
Boston Harbor Improvement	MBDS	3624	2771	2019-08-06	42.443975	-70.590303	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2514	1922	2019-08-06	42.444275	-70.590655	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4078	3118	2019-08-06	42.444673	-70.589372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4478	3423	2019-08-06	42.444562	-70.58867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4545	3475	2019-08-06	42.444633	-70.588877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3475	2657	2019-08-06	42.444623	-70.588923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2019-08-06	42.444562	-70.589492	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2019-08-06	42.444867	-70.588232	W912WJ-18-C-0010
South River	MBDS	551	421	2019-08-06	42.42013	-70.5775	NAE-2016-02585
Boston Harbor Improvement	MBDS	3411	2608	2019-08-07	42.445017	-70.588358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4276	3269	2019-08-07	42.445098	-70.587927	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4540	3471	2019-08-07	42.445147	-70.587633	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3601	2753	2019-08-07	42.444748	-70.589267	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2019-08-07	42.445172	-70.58707	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2019-08-07	42.445398	-70.58678	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2278	1742	2019-08-07	42.445058	-70.58739	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3544	2710	2019-08-07	42.44515	-70.587103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3622	2769	2019-08-07	42.444702	-70.588195	W912WJ-18-C-0010
South River	MBDS	574	439	2019-08-07	42.42033	-70.57763	NAE-2016-02585
Boston Harbor Improvement	MBDS	4296	3284	2019-08-08	42.445597	-70.585685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4232	3236	2019-08-08	42.445458	-70.586617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3604	2756	2019-08-08	42.445698	-70.585532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3593	2747	2019-08-08	42.445403	-70.586068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3459	2645	2019-08-08	42.445687	-70.58609	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2388	1826	2019-08-08	42.445938	-70.585197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3219	2019-08-08	42.445718	-70.584877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3798	2903	2019-08-09	42.446032	-70.58422	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4397	3362	2019-08-09	42.445807	-70.584967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4227	3232	2019-08-09	42.445787	-70.58514	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3996	3055	2019-08-09	42.446193	-70.5834	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3426	2620	2019-08-09	42.446252	-70.582957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3498	2674	2019-08-09	42.446253	-70.583453	W912WJ-18-C-0010
South River	MBDS	530	405	2019-08-09	42.42042	-70.57752	NAE-2016-02585
South River	MBDS	573	438	2019-08-09	42.42003	-70.57705	NAE-2016-02585
Boston Harbor Improvement	MBDS	4607	3522	2019-08-10	42.445902	-70.584258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3312	2019-08-10	42.446032	-70.583875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4368	3339	2019-08-10	42.446458	-70.582553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3744	2863	2019-08-10	42.4468	-70.583108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3725	2848	2019-08-10	42.44644	-70.583438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3327	2543	2019-08-10	42.446592	-70.582115	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4162	3182	2019-08-10	42.446607	-70.582387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4285	3276	2019-08-10	42.446938	-70.581902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3633	2778	2019-08-11	42.446445	-70.580578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2019-08-11	42.446897	-70.581793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1765	1349	2019-08-11	42.446655	-70.581608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3992	3052	2019-08-11	42.446903	-70.580568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4544	3474	2019-08-11	42.446903	-70.581115	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4722	3610	2019-08-11	42.447303	-70.58038	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3686	2818	2019-08-11	42.447157	-70.580583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3428	2620	2019-08-12	42.446975	-70.580297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4338	3317	2019-08-12	42.447905	-70.578997	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4353	3328	2019-08-12	42.447408	-70.579457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3857	2949	2019-08-12	42.447705	-70.579252	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4506	3445	2019-08-12	42.447782	-70.578767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4539	3470	2019-08-12	42.447678	-70.577653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4451	3403	2019-08-12	42.44771	-70.579142	W912WJ-18-C-0010
South River	MBDS	535	409	2019-08-12	42.4196	-70.57782	NAE-2016-02585
Boston Harbor Improvement	MBDS	3617	2765	2019-08-13	42.447635	-70.578892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4477	3423	2019-08-13	42.447852	-70.578405	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3651	2791	2019-08-13	42.44796	-70.578452	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4386	3353	2019-08-13	42.447747	-70.57807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3821	2921	2019-08-13	42.441877	-70.600272	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4074	3115	2019-08-13	42.441905	-70.60018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2561	1958	2019-08-13	42.44206	-70.599588	W912WJ-18-C-0010
South River	MBDS	530	405	2019-08-13	42.41968	-70.57758	NAE-2016-02585
South River	MBDS	541	414	2019-08-13	42.41992	-70.57792	NAE-2016-02585
Boston Harbor Improvement	MBDS	3658	2797	2019-08-14	42.442512	-70.597793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3219	2019-08-14	42.441753	-70.60018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3350	2561	2019-08-14	42.442308	-70.59901	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3515	2687	2019-08-14	42.442112	-70.598643	W912WJ-18-C-0010
South River	MBDS	537	410	2019-08-14	42.41983	-70.57753	NAE-2016-02585
Boston Harbor Improvement	MBDS	4140	3165	2019-08-15	42.442412	-70.598757	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	2421	1851	2019-08-15	42.442162	-70.598863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3663	2801	2019-08-15	42.442525	-70.598642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4164	3183	2019-08-15	42.442282	-70.598247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4582	3503	2019-08-15	42.442628	-70.597908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4489	3432	2019-08-15	42.44268	-70.597665	W912WJ-18-C-0010
South River	MBDS	554	424	2019-08-15	42.42022	-70.57782	NAE-2016-02585
South River	MBDS	550	420	2019-08-15	42.41972	-70.5779	NAE-2016-02585
Boston Harbor Improvement	MBDS	3625	2771	2019-08-16	42.442608	-70.598143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3422	2616	2019-08-16	42.442735	-70.597703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4415	3376	2019-08-16	42.44285	-70.596937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4501	3441	2019-08-16	42.442912	-70.596507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3296	2520	2019-08-16	42.4429	-70.595947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3737	2857	2019-08-16	42.443105	-70.597138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2629	2010	2019-08-16	42.443147	-70.596257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4356	3330	2019-08-16	42.443312	-70.5959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4608	3523	2019-08-16	42.443073	-70.596127	W912WJ-18-C-0010
South River	MBDS	534	408	2019-08-16	42.41997	-70.57777	NAE-2016-02585
Boston Harbor Improvement	MBDS	3938	3011	2019-08-17	42.443032	-70.597672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3681	2814	2019-08-17	42.442948	-70.595738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4398	3363	2019-08-17	42.442772	-70.59656	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3220	2462	2019-08-17	42.443633	-70.59459	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4420	3379	2019-08-17	42.443345	-70.594382	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3160	2019-08-17	42.433857	-70.58094	W912WJ-18-C-0010
South River	MBDS	540	413	2019-08-17	42.4198	-70.5777	NAE-2016-02585
Boston Harbor Improvement	MBDS	3398	2598	2019-08-18	42.433837	-70.581002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3722	2845	2019-08-18	42.434285	-70.581253	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4312	3297	2019-08-18	42.44311	-70.594247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4589	3509	2019-08-18	42.433792	-70.581435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3796	2902	2019-08-18	42.443508	-70.594105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2539	1941	2019-08-19	42.444678	-70.590575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3710	2837	2019-08-19	42.434185	-70.581005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4238	3240	2019-08-19	42.444217	-70.590948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3064	2019-08-19	42.445022	-70.590248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4175	3192	2019-08-19	42.433798	-70.581355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4188	3202	2019-08-19	42.44424	-70.591368	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3427	2620	2019-08-19	42.445067	-70.590233	W912WJ-18-C-0010
South River	MBDS	517	395	2019-08-19	42.4196	-70.57738	NAE-2016-02585
Boston Harbor Improvement	MBDS	4528	3462	2019-08-20	42.445075	-70.589288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3534	2702	2019-08-20	42.44494	-70.589843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3722	2846	2019-08-20	42.444448	-70.59024	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2540	1942	2019-08-20	42.444632	-70.590043	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2897	2019-08-20	42.445055	-70.589212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4397	3361	2019-08-20	42.444995	-70.589812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4544	3474	2019-08-20	42.445457	-70.588107	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3860	2951	2019-08-20	42.445237	-70.588288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3774	2885	2019-08-20	42.445478	-70.588255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4291	3281	2019-08-20	42.445162	-70.588778	W912WJ-18-C-0010
South River	MBDS	558	426	2019-08-20	42.41968	-70.57713	NAE-2016-02585
Boston Harbor Improvement	MBDS	3854	2946	2019-08-21	42.445697	-70.587328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4405	3368	2019-08-21	42.445552	-70.587477	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2897	2019-08-21	42.445762	-70.586748	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3653	2793	2019-08-21	42.445535	-70.587098	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4231	3234	2019-08-21	42.445573	-70.587557	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4447	3400	2019-08-21	42.445903	-70.585898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3491	2669	2019-08-21	42.445602	-70.587375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4356	3330	2019-08-21	42.445762	-70.586468	W912WJ-18-C-0010
South River	MBDS	548	419	2019-08-21	42.42032	-70.578	NAE-2016-02585
South River	MBDS	530	405	2019-08-21	42.42022	-70.57765	NAE-2016-02585
Boston Harbor Improvement	MBDS	3807	2910	2019-08-22	42.44607	-70.5855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3679	2813	2019-08-22	42.445623	-70.58699	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4307	3293	2019-08-22	42.446447	-70.584388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4348	3324	2019-08-22	42.446088	-70.585547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4323	3305	2019-08-22	42.445825	-70.585688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3735	2856	2019-08-22	42.446518	-70.584683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4425	3383	2019-08-22	42.445877	-70.58573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3144	2019-08-22	42.446517	-70.584168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4104	3138	2019-08-22	42.446763	-70.583623	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2474	1892	2019-08-22	42.446537	-70.583533	W912WJ-18-C-0010
South River	MBDS	519	397	2019-08-22	42.4197	-70.57778	NAE-2016-02585
South River	MBDS	509	389	2019-08-22	42.4201	-70.57825	NAE-2016-02585

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3732	2853	2019-08-23	42.446145	-70.58477	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3545	2710	2019-08-23	42.446213	-70.585693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4436	3391	2019-08-23	42.446717	-70.58334	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4464	3413	2019-08-23	42.446948	-70.583015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4059	3104	2019-08-23	42.446705	-70.583452	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3783	2892	2019-08-23	42.44693	-70.582745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3604	2755	2019-08-23	42.447047	-70.582225	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3827	2926	2019-08-23	42.447085	-70.582165	W912WJ-18-C-0010
South River	MBDS	514	393	2019-08-23	42.41978	-70.57652	NAE-2016-02585
South River	MBDS	534	408	2019-08-23	42.41975	-70.57727	NAE-2016-02585
Boston Harbor Improvement	MBDS	4750	3631	2019-08-24	42.433813	-70.58081	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4051	3097	2019-08-24	42.447118	-70.582547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2395	1831	2019-08-24	42.447238	-70.582025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4221	3227	2019-08-24	42.447265	-70.58155	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2019-08-24	42.447133	-70.58216	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3453	2640	2019-08-24	42.447427	-70.580233	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4546	3476	2019-08-24	42.447628	-70.580995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2019-08-24	42.447858	-70.581818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3464	2648	2019-08-24	42.447298	-70.581918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2891	2019-08-25	42.44554	-70.589132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3632	2777	2019-08-25	42.447687	-70.580025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3486	2665	2019-08-25	42.44687	-70.582602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3664	2802	2019-08-25	42.447627	-70.580708	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4627	3537	2019-08-25	42.447733	-70.580338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2961	2019-08-25	42.445038	-70.5911	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4312	3297	2019-08-26	42.445313	-70.590072	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3639	2782	2019-08-26	42.44535	-70.589865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3563	2724	2019-08-26	42.44551	-70.590403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3781	2891	2019-08-26	42.445167	-70.589425	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4595	3513	2019-08-26	42.445303	-70.58959	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4275	3268	2019-08-26	42.4455	-70.5893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3229	2019-08-26	42.445477	-70.590282	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3120	2385	2019-08-26	42.4454	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3738	2858	2019-08-27	42.445687	-70.587892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3500	2676	2019-08-27	42.4458	-70.5879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4141	3166	2019-08-27	42.4458	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4425	3383	2019-08-27	42.445577	-70.589935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3473	2656	2019-08-27	42.4456	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3912	2991	2019-08-27	42.44617	-70.587075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3387	2589	2019-08-27	42.4459	-70.5877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4277	3269	2019-08-27	42.4461	-70.5871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4494	3436	2019-08-27	42.446382	-70.587403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3572	2731	2019-08-28	42.4463	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3323	2019-08-28	42.446423	-70.58634	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3885	2970	2019-08-28	42.4464	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2763	2019-08-28	42.4467	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4497	3438	2019-08-28	42.446437	-70.586258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3566	2726	2019-08-28	42.4463	-70.5865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4225	3230	2019-08-28	42.44694	-70.584768	W912WJ-18-C-0010
South River	MBDS	524	401	2019-08-28	42.4197	-70.57747	NAE-2016-02585
Boston Harbor Improvement	MBDS	4001	3059	2019-08-29	42.4471	-70.584	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4658	3562	2019-08-29	42.44668	-70.585152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3706	2833	2019-08-29	42.4469	-70.5854	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3663	2800	2019-08-29	42.4469	-70.5843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4065	3108	2019-08-29	42.4469	-70.584027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4246	3246	2019-08-29	42.4472	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4614	3527	2019-08-29	42.447283	-70.583782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3500	2676	2019-08-29	42.4468	-70.5848	W912WJ-18-C-0010
South River	MBDS	150	115	2019-08-29	42.41978	-70.57787	NAE-2016-02585
Boston Harbor Improvement	MBDS	4322	3304	2019-08-30	42.447665	-70.582377	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4852	3710	2019-08-30	42.44782	-70.582438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4411	3372	2019-08-30	42.4477	-70.5824	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3828	2927	2019-08-30	42.4471	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3475	2657	2019-08-30	42.4425	-70.5878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4225	3230	2019-08-30	42.447688	-70.581788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4391	3357	2019-08-30	42.4479	-70.5811	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4373	3343	2019-08-31	42.447617	-70.581325	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2950	2019-08-31	42.44788	-70.581972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4352	3327	2019-08-31	42.447527	-70.581337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4543	3473	2019-08-31	42.4474	-70.5781	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4533	3466	2019-08-31	42.447743	-70.58003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4399	3363	2019-08-31	42.447178	-70.58034	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3875	2962	2019-08-31	42.447883	-70.579062	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2842	2019-09-01	42.448	-70.5797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4735	3620	2019-09-01	42.445487	-70.589723	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4099	3134	2019-09-01	42.4456	-70.5902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4294	3283	2019-09-01	42.445633	-70.590365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2884	2019-09-01	42.4463	-70.5889	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2019-09-01	42.446052	-70.589653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4795	3666	2019-09-01	42.446537	-70.588815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4457	3407	2019-09-02	42.446	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4215	3223	2019-09-02	42.446185	-70.589008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4461	3411	2019-09-02	42.446	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2019-09-03	42.446707	-70.58708	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2513	1921	2019-09-03	42.4342	-70.5802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2019-09-03	42.4462	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3884	2970	2019-09-03	42.446338	-70.58786	W912WJ-18-C-0010
South River	MBDS	170	130	2019-09-03	42.41957	-70.57815	NAE-2016-02585
Boston Harbor Improvement	MBDS	4435	3391	2019-09-04	42.4463	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2019-09-04	42.44632	-70.587855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	642	490	2019-09-04	42.4356	-70.6031	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4502	3442	2019-09-04	42.4468	-70.5866	W912WJ-18-C-0010
South River	MBDS	141	108	2019-09-04	42.41945	-70.57722	NAE-2016-02585
Boston Harbor Improvement	MBDS	3788	2896	2019-09-05	42.44682	-70.586365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2576	1969	2019-09-05	42.4471	-70.5869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4489	3432	2019-09-05	42.4469	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3558	2720	2019-09-05	42.447632	-70.585035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4321	3304	2019-09-06	42.447	-70.5858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3178	2430	2019-09-06	42.4469	-70.5867	W912WJ-18-C-0010
South River	MBDS	104	80	2019-09-06	42.41975	-70.57692	NAE-2016-02585
Boston Harbor Improvement	MBDS	2048	1566	2019-09-09	42.4469	-70.5857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3862	2953	2019-09-09	42.4468	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3746	2864	2019-09-09	42.447798	-70.583642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4330	3310	2019-09-10	42.4471	-70.5851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3385	2588	2019-09-10	42.4338	-70.5812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3757	2873	2019-09-10	42.447387	-70.584708	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2518	1925	2019-09-10	42.4475	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3868	2957	2019-09-11	42.4475	-70.5842	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2019-09-11	42.447415	-70.58382	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4388	3354	2019-09-11	42.4477	-70.5838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3738	2858	2019-09-12	42.4481	-70.5824	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3436	2627	2019-09-12	42.4475	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4221	3227	2019-09-12	42.4478	-70.5829	W912WJ-18-C-0010
South River	MBDS	26	20	2019-09-12	42.4199	-70.57818	NAE-2016-02585
Boston Harbor Improvement	MBDS	3338	2552	2019-09-13	42.4481	-70.5817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3976	3040	2019-09-13	42.4479	-70.5839	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4709	3600	2019-09-13	42.44801	-70.582543	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2280	1743	2019-09-13	42.4479	-70.5824	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4355	3329	2019-09-14	42.447993	-70.58186	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3492	2670	2019-09-14	42.4485	-70.5803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3958	3026	2019-09-14	42.448262	-70.58173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4722	3610	2019-09-14	42.448445	-70.581882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4311	3296	2019-09-14	42.447955	-70.582218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3873	2961	2019-09-14	42.446542	-70.588187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3816	2917	2019-09-14	42.446147	-70.59064	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4607	3522	2019-09-15	42.44632	-70.590465	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4412	3373	2019-09-15	42.445552	-70.590558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3330	2546	2019-09-15	42.446	-70.5905	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3531	2700	2019-09-15	42.4464	-70.5897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3968	3033	2019-09-15	42.44632	-70.589457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4814	3681	2019-09-15	42.446103	-70.589613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3868	2957	2019-09-16	42.446	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3258	2019-09-16	42.446005	-70.59056	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3956	3024	2019-09-16	42.447002	-70.588487	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2176	1664	2019-09-16	42.4465	-70.5894	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4643	3550	2019-09-16	42.446605	-70.589035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3769	2881	2019-09-16	42.4467	-70.5886	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2884	2019-09-16	42.446435	-70.588732	W912WJ-18-C-0010
South River	MBDS	473	362	2019-09-16	42.41953	-70.57772	NAE-2016-02585
South River	MBDS	413	316	2019-09-16	42.4207	-70.57802	NAE-2016-02585

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3990	3051	2019-09-17	42.44675	-70.587983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4157	3178	2019-09-17	42.4468	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4692	3587	2019-09-17	42.447162	-70.587092	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3522	2693	2019-09-17	42.4469	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3165	2419	2019-09-17	42.4466	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3955	3024	2019-09-17	42.447197	-70.587213	W912WJ-18-C-0010
South River	MBDS	471	360	2019-09-17	42.41947	-70.5778	NAE-2016-02585
Boston Harbor Improvement	MBDS	3811	2914	2019-09-18	42.447432	-70.587088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3159	2019-09-18	42.4468	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4404	3367	2019-09-18	42.44754	-70.586928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4702	3595	2019-09-18	42.447212	-70.587123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3554	2717	2019-09-18	42.447383	-70.585863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3644	2786	2019-09-18	42.4471	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4202	3212	2019-09-19	42.447717	-70.5854	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4122	3152	2019-09-19	42.4474	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4038	3087	2019-09-19	42.447548	-70.585987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3641	2783	2019-09-19	42.4478	-70.5848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3356	2566	2019-09-19	42.447898	-70.584762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4446	3399	2019-09-19	42.4479	-70.5846	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3634	2778	2019-09-20	42.4479	-70.5846	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4358	3332	2019-09-20	42.448045	-70.583577	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4216	3223	2019-09-20	42.448187	-70.582943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4321	3304	2019-09-20	42.4481	-70.5838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3684	2817	2019-09-20	42.448127	-70.583347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3603	2754	2019-09-20	42.4483	-70.5831	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2143	1638	2019-09-20	42.4488	-70.583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4368	3340	2019-09-21	42.4487	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3226	2019-09-21	42.44866	-70.582342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3669	2805	2019-09-21	42.4487	-70.5817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3735	2855	2019-09-21	42.4484	-70.584105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2019-09-21	42.4464	-70.5907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4197	3209	2019-09-21	42.4465	-70.5906	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4357	3331	2019-09-21	42.446698	-70.590547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4319	3302	2019-09-21	42.446035	-70.591588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2209	1689	2019-09-21	42.4467	-70.591	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3826	2925	2019-09-22	42.4474	-70.589217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3496	2673	2019-09-22	42.4466	-70.5903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4557	3484	2019-09-22	42.446802	-70.59003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2019-09-22	42.446827	-70.590208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4429	3386	2019-09-22	42.4477	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4001	3059	2019-09-22	42.447605	-70.58683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3570	2730	2019-09-22	42.4469	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4556	3483	2019-09-23	42.446955	-70.588438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3973	3038	2019-09-23	42.4469	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4306	3292	2019-09-23	42.446918	-70.589297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2084	1593	2019-09-23	42.4339	-70.5808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5148	3936	2019-09-23	42.44699	-70.588765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2019-09-23	42.4474	-70.5883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3752	2869	2019-09-23	42.447363	-70.587682	W912WJ-18-C-0010
South River	MBDS	537	410	2019-09-23	42.42032	-70.57627	NAE-2016-02585
Boston Harbor Improvement	MBDS	4063	3106	2019-09-24	42.447768	-70.587278	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3617	2765	2019-09-24	42.4471	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4743	3626	2019-09-24	42.4478	-70.58703	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3424	2618	2019-09-24	42.434	-70.5808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3900	2982	2019-09-24	42.447573	-70.587118	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4067	3109	2019-09-24	42.4475	-70.587	W912WJ-18-C-0010
South River	MBDS	429	328	2019-09-24	42.4193	-70.57838	NAE-2016-02585
Boston Harbor Improvement	MBDS	4018	3072	2019-09-25	42.44746	-70.587515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1917	1466	2019-09-25	42.4484	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3369	2576	2019-09-25	42.4477	-70.587	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4307	3293	2019-09-25	42.447937	-70.586442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4006	3062	2019-09-25	42.447982	-70.585995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4327	3308	2019-09-26	42.4481	-70.5855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3890	2974	2019-09-26	42.433853	-70.580488	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2019-09-26	42.448175	-70.585222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3355	2565	2019-09-26	42.4484	-70.5846	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3050	2019-09-26	42.448288	-70.584933	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2255	1724	2019-09-26	42.4483	-70.5848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3557	2719	2019-09-26	42.448325	-70.584762	W912WJ-18-C-0010
South River	MBDS	472	361	2019-09-26	42.42035	-70.57695	NAE-2016-02585

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4651	3556	2019-09-27	42.448507	-70.583433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2764	2019-09-27	42.4486	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3374	2580	2019-09-27	42.4342	-70.5807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3773	2884	2019-09-27	42.448535	-70.584182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4024	3076	2019-09-27	42.448583	-70.583773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2019-09-27	42.4486	-70.5843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4580	3502	2019-09-27	42.446892	-70.591097	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3775	2886	2019-09-28	42.446885	-70.590802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2447	1871	2019-09-28	42.4339	-70.5811	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4244	3244	2019-09-28	42.446943	-70.590602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4251	3250	2019-09-28	42.447342	-70.58916	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4442	3396	2019-09-28	42.447043	-70.590903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3343	2556	2019-09-29	42.4468	-70.5906	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4359	3333	2019-09-29	42.447093	-70.59019	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4372	3343	2019-09-29	42.447133	-70.590507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3229	2469	2019-09-29	42.447	-70.5906	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4027	3079	2019-09-29	42.447173	-70.590497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4794	3665	2019-09-29	42.4473	-70.5897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4404	3367	2019-09-29	42.434228	-70.581047	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4057	3102	2019-09-30	42.447252	-70.590015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4474	3421	2019-09-30	42.447365	-70.589887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2185	1671	2019-09-30	42.4474	-70.5893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3447	2635	2019-09-30	42.4473	-70.5892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4083	3121	2019-09-30	42.44813	-70.587118	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5702	4359	2019-09-30	42.434268	-70.581648	W912WJ-19-C-0015
Boston Harbor Improvement	MBDS	3762	2877	2019-10-01	42.447725	-70.588403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3866	2956	2019-10-01	42.448	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4321	3303	2019-10-01	42.448245	-70.588285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4316	3300	2019-10-01	42.44773	-70.588315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3279	2507	2019-10-01	42.447837	-70.586983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2883	2019-10-01	42.447943	-70.587192	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	4963	3794	2019-10-01	42.434415	-70.582897	W912WJ-19-C-0015
Boston Harbor Improvement	MBDS	4581	3502	2019-10-02	42.44812	-70.587258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4115	3146	2019-10-02	42.448213	-70.587057	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4269	3263	2019-10-02	42.448	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3824	2924	2019-10-02	42.448457	-70.586348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4527	3461	2019-10-02	42.448762	-70.585648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3437	2628	2019-10-02	42.4486	-70.5862	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	4862	3717	2019-10-02	42.434668	-70.580876	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5675	4339	2019-10-02	42.434286	-70.582395	W912WJ-19-C-0015
South River	MBDS	475	363	2019-10-02	42.42123	-70.57665	NAE-2016-02585
Boston Harbor Improvement	MBDS	4283	3275	2019-10-03	42.447647	-70.58838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3944	3015	2019-10-03	42.448577	-70.585477	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4796	3667	2019-10-03	42.44851	-70.585937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3357	2567	2019-10-03	42.448037	-70.587345	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4026	3078	2019-10-03	42.4482	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4338	3317	2019-10-03	42.448475	-70.585652	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	1816	1388	2019-10-03	42.433778	-70.581856	W912WJ-19-C-0015
Brewer Hawthorne Cove Marina	MBDS	307	235	2019-10-03	42.41944	-70.576878	NAE-2011-00750
Boston Harbor Improvement	MBDS	3775	2886	2019-10-04	42.44864	-70.585418	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2683	2019-10-04	42.447238	-70.591743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4098	3133	2019-10-04	42.447578	-70.591943	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4317	3301	2019-10-04	42.447452	-70.591193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4420	3379	2019-10-04	42.447415	-70.588533	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3841	2936	2019-10-04	42.447668	-70.590818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3429	2622	2019-10-04	42.4471	-70.592767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3440	2630	2019-10-04	42.447487	-70.5909	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2019-10-05	42.447447	-70.591007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3874	2962	2019-10-05	42.447	-70.5911	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4302	3289	2019-10-05	42.447887	-70.589675	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3053	2019-10-05	42.447753	-70.590075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2773	2019-10-05	42.447633	-70.590733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4343	3320	2019-10-05	42.447845	-70.59016	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4565	3490	2019-10-05	42.447758	-70.589362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4391	3357	2019-10-05	42.4478	-70.5896	W912WJ-18-C-0010
Hingham Harbor	MBDS	1713	1309	2019-10-05	42.41937	-70.570365	NAE-2018-02391
Boston Harbor Improvement	MBDS	3975	3039	2019-10-06	42.44791	-70.589215	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3463	2647	2019-10-06	42.4481	-70.5893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3884	2969	2019-10-06	42.448165	-70.588967	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3733	2854	2019-10-06	42.447965	-70.591738	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3753	2869	2019-10-06	42.448468	-70.587302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4192	3205	2019-10-06	42.448455	-70.587782	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5939	4540	2019-10-06	42.434851	-70.581795	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6269	4793	2019-10-06	42.43467	-70.581538	W912WJ-19-C-0015
Hingham Harbor	MBDS	1547	1182	2019-10-06	42.418865	-70.571213	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	192	147	2019-10-06	42.4195	-70.577043	NAE-2011-00750
Boston Harbor Improvement	MBDS	4261	3258	2019-10-07	42.448487	-70.587618	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3913	2992	2019-10-07	42.448477	-70.586218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3582	2739	2019-10-07	42.4487	-70.5863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2019-10-07	42.44761	-70.591657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4095	3130	2019-10-07	42.449823	-70.584925	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5465	4178	2019-10-07	42.434555	-70.582833	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6026	4607	2019-10-07	42.435358	-70.581436	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6054	4628	2019-10-07	42.43498	-70.582311	W912WJ-19-C-0015
Hingham Harbor	MBDS	1933	1478	2019-10-07	42.419045	-70.570045	NAE-2018-02391
Boston Harbor Improvement	MBDS	4219	3225	2019-10-08	42.448707	-70.587135	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3601	2753	2019-10-08	42.448712	-70.588038	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3785	2894	2019-10-08	42.447408	-70.592158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3530	2699	2019-10-08	42.4474	-70.592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3753	2870	2019-10-08	42.44883	-70.586697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4213	3221	2019-10-08	42.447705	-70.591928	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5806	4439	2019-10-08	42.433801	-70.583771	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5839	4464	2019-10-08	42.434345	-70.582663	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6261	4787	2019-10-08	42.434316	-70.582433	W912WJ-19-C-0015
Hingham Harbor	MBDS	1787	1367	2019-10-08	42.419226	-70.570881	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	529	405	2019-10-08	42.422545	-70.582615	NAE-2011-00750
Boston Harbor Improvement	MBDS	3875	2962	2019-10-09	42.43571	-70.577092	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	4822	3686	2019-10-09	42.433825	-70.583723	W912WJ-19-C-0015
Hingham Harbor	MBDS	1491	1140	2019-10-09	42.419803	-70.570518	NAE-2018-02391
Hingham Harbor	MBDS	1911	1461	2019-10-13	42.41864	-70.570565	NAE-2018-02391
Boston Harbor Improvement	MBDS	2870	2194	2019-10-14	42.44757	-70.592177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4374	3344	2019-10-14	42.447817	-70.591188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4178	3194	2019-10-14	42.44847	-70.588377	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3637	2780	2019-10-14	42.4478	-70.5904	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4308	3293	2019-10-14	42.448458	-70.588487	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4029	3080	2019-10-14	42.4336	-70.5816	W912WJ-18-C-0010
Hingham Harbor	MBDS	2197	1680	2019-10-14	42.418886	-70.570588	NAE-2018-02391
Boston Harbor Improvement	MBDS	3987	3048	2019-10-15	42.448095	-70.590745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4283	3275	2019-10-15	42.448133	-70.590195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3687	2819	2019-10-15	42.448	-70.5903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4188	3202	2019-10-15	42.448363	-70.589873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3452	2639	2019-10-15	42.448517	-70.58906	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3749	2866	2019-10-15	42.448813	-70.59041	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3225	2019-10-15	42.448475	-70.58996	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	188	144	2019-10-15	42.418833	-70.575525	NAE-2011-00750
Hingham Harbor	MBDS	2221	1698	2019-10-15	42.418888	-70.570811	NAE-2018-02391
Boston Harbor Improvement	MBDS	4130	3157	2019-10-16	42.448227	-70.588157	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4256	3254	2019-10-16	42.448033	-70.588365	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3824	2924	2019-10-16	42.4483	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2019-10-16	42.447978	-70.590852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3448	2636	2019-10-16	42.447765	-70.591202	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3411	2607	2019-10-16	42.4486	-70.5881	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5913	4521	2019-10-16	42.434088	-70.58245	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5763	4406	2019-10-16	42.434123	-70.583346	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5723	4375	2019-10-16	42.433955	-70.582575	W912WJ-19-C-0015
Brewer Hawthorne Cove Marina	MBDS	706	540	2019-10-16	42.418858	-70.577746	NAE-2011-00750
Hingham Harbor	MBDS	2006	1533	2019-10-16	42.419045	-70.570251	NAE-2018-02391
Hingham Harbor	MBDS	1886	1442	2019-10-17	42.419285	-70.572048	NAE-2018-02391
Boston Harbor Improvement	MBDS	4361	3334	2019-10-18	42.448545	-70.588022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4092	3128	2019-10-18	42.449045	-70.587027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4003	3060	2019-10-18	42.4486	-70.5885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3570	2730	2019-10-18	42.4483	-70.5894	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3636	2779	2019-10-18	42.447837	-70.592462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4131	3158	2019-10-18	42.447765	-70.593183	W912WJ-18-C-0010
Hingham Harbor	MBDS	2065	1579	2019-10-18	42.418621	-70.571711	NAE-2018-02391
Boston Harbor Improvement	MBDS	3741	2860	2019-10-19	42.447938	-70.592548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4068	3110	2019-10-19	42.448007	-70.592188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4551	3480	2019-10-19	42.4337	-70.5809	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3540	2707	2019-10-19	42.44819	-70.591743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4010	3066	2019-10-19	42.448392	-70.591	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Brewer Hawthorne Cove Marina	MBDS	362	277	2019-10-19	42.419241	-70.57814	NAE-2011-00750
Boston Harbor Improvement	MBDS	4087	3125	2019-10-20	42.448122	-70.591432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4085	3123	2019-10-20	42.448315	-70.591257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2019-10-20	42.433982	-70.581187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4183	3198	2019-10-20	42.448268	-70.591497	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	6004	4590	2019-10-20	42.434256	-70.582348	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5737	4386	2019-10-20	42.434518	-70.581575	W912WJ-19-C-0015
Hingham Harbor	MBDS	2195	1678	2019-10-20	42.419135	-70.571706	NAE-2018-02391
Boston Harbor Improvement	MBDS	4098	3133	2019-10-21	42.448552	-70.590107	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3144	2019-10-21	42.4481	-70.5911	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3350	2561	2019-10-21	42.4486	-70.5901	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4054	3099	2019-10-21	42.448652	-70.590412	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5785	4423	2019-10-21	42.434086	-70.582881	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6037	4616	2019-10-21	42.43454	-70.58186	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6063	4635	2019-10-21	42.434858	-70.581123	W912WJ-19-C-0015
Hingham Harbor	MBDS	2208	1688	2019-10-21	42.41918	-70.570813	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	501	383	2019-10-21	42.42287	-70.581516	NAE-2011-00750
Boston Harbor Improvement	MBDS	3601	2753	2019-10-22	42.448485	-70.590408	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3450	2638	2019-10-22	42.448	-70.5902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4281	3273	2019-10-22	42.448632	-70.589412	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4060	3104	2019-10-22	42.448715	-70.590103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4149	3172	2019-10-22	42.449168	-70.588972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3374	2579	2019-10-22	42.448713	-70.589422	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	6058	4631	2019-10-22	42.433958	-70.582355	W912WJ-19-C-0015
Hingham Harbor	MBDS	2070	1582	2019-10-22	42.418988	-70.57096	NAE-2018-02391
Boston Harbor Improvement	MBDS	3326	2543	2019-10-23	42.448435	-70.592885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4032	3083	2019-10-23	42.448172	-70.59305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5020	3838	2019-10-23	42.448035	-70.593208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3594	2747	2019-10-23	42.448463	-70.592922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3148	2407	2019-10-23	42.448362	-70.592808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4028	3080	2019-10-23	42.4478	-70.592367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4106	3139	2019-10-23	42.448465	-70.592197	W912WJ-18-C-0010
Hingham Harbor	MBDS	1879	1436	2019-10-23	42.419218	-70.570658	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	682	521	2019-10-23	42.418865	-70.577293	NAE-2011-00750
Boston Harbor Improvement	MBDS	4142	3167	2019-10-24	42.448998	-70.591523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3784	2893	2019-10-24	42.448762	-70.591418	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4270	3264	2019-10-24	42.448147	-70.590987	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3380	2584	2019-10-24	42.434388	-70.580047	W912WJ-18-C-0010
Hingham Harbor	MBDS	1917	1466	2019-10-24	42.41917	-70.570801	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	582	445	2019-10-24	42.424955	-70.581858	NAE-2011-00750
Boston Harbor Improvement	MBDS	4040	3088	2019-10-25	42.434485	-70.587925	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4345	3322	2019-10-25	42.433992	-70.587807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3477	2658	2019-10-25	42.434212	-70.587797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4801	3670	2019-10-25	42.434202	-70.587882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4145	3169	2019-10-25	42.434553	-70.587612	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	6254	4781	2019-10-25	42.434581	-70.582723	W912WJ-19-C-0015
Hingham Harbor	MBDS	2143	1639	2019-10-25	42.418835	-70.570735	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	594	455	2019-10-25	42.419597	-70.578495	NAE-2011-00750
Boston Harbor Improvement	MBDS	3741	2860	2019-10-26	42.432273	-70.597232	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4282	3274	2019-10-26	42.431992	-70.597375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3946	3017	2019-10-26	42.432085	-70.597218	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5871	4489	2019-10-26	42.434051	-70.583273	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5761	4404	2019-10-26	42.43436	-70.58288	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6193	4735	2019-10-26	42.434101	-70.583451	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6345	4851	2019-10-26	42.434438	-70.581206	W912WJ-19-C-0015
Hingham Harbor	MBDS	2055	1571	2019-10-26	42.419045	-70.571106	NAE-2018-02391
Boston Harbor Improvement	MBDS	3975	3039	2019-10-27	42.432178	-70.596805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4350	3326	2019-10-27	42.432292	-70.596315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5030	3846	2019-10-27	42.4323	-70.594945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3615	2764	2019-10-27	42.43283	-70.595977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4000	3058	2019-10-27	42.433245	-70.595765	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5824	4453	2019-10-27	42.434121	-70.582151	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5498	4203	2019-10-27	42.434115	-70.584108	W912WJ-19-C-0015
Hingham Harbor	MBDS	2241	1713	2019-10-27	42.419151	-70.570811	NAE-2018-02391
Boston Harbor Improvement	MBDS	4321	3304	2019-10-29	42.43241	-70.596573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2019-10-29	42.432673	-70.595673	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3645	2787	2019-10-29	42.434613	-70.587788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4175	3192	2019-10-29	42.434598	-70.589177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4948	3783	2019-10-29	42.435157	-70.586775	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3463	2648	2019-10-29	42.43504	-70.587783	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Brewer Hawthorne Cove Marina	MBDS	655	501	2019-10-29	42.42041	-70.578053	NAE-2011-00750
Boston Harbor Improvement	MBDS	4225	3230	2019-10-30	42.435022	-70.5881	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4370	3341	2019-10-30	42.436197	-70.585715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4438	3393	2019-10-30	42.432987	-70.597343	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3581	2738	2019-10-30	42.432808	-70.596958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3227	2467	2019-10-30	42.432903	-70.596975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3402	2601	2019-10-30	42.432935	-70.59599	W912WJ-18-C-0010
Hingham Harbor	MBDS	2093	1600	2019-10-30	42.418915	-70.57085	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	408	312	2019-10-30	42.419977	-70.577468	NAE-2011-00750
Hingham Harbor	MBDS	2108	1612	2019-10-30	42.419333	-70.571552	NAE-2018-02391
Boston Harbor Improvement	MBDS	3666	2803	2019-10-31	42.433067	-70.59574	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1610	1231	2019-10-31	42.433287	-70.595398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3050	2019-10-31	42.432715	-70.595938	W912WJ-18-C-0010
Hingham Harbor	MBDS	1824	1395	2019-10-31	42.419422	-70.570457	NAE-2018-02391
Boston Harbor Improvement	MBDS	4267	3263	2019-11-01	42.433265	-70.59588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3384	2587	2019-11-02	42.435243	-70.588398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4058	3102	2019-11-02	42.435427	-70.587697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4890	3739	2019-11-02	42.433475	-70.594288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3255	2019-11-02	42.435085	-70.589042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3688	2819	2019-11-02	42.435458	-70.587997	W912WJ-18-C-0010
Hingham Harbor	MBDS	2195	1678	2019-11-02	42.419328	-70.571875	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	183	140	2019-11-02	42.419653	-70.577568	NAE-2011-00750
Boston Harbor Improvement	MBDS	5203	3978	2019-11-03	42.434887	-70.58963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4263	3259	2019-11-03	42.435608	-70.586577	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5751	4397	2019-11-03	42.434258	-70.583305	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6243	4773	2019-11-03	42.433937	-70.58286	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6140	4695	2019-11-03	42.434333	-70.582075	W912WJ-19-C-0015
Hingham Harbor	MBDS	2177	1664	2019-11-03	42.419755	-70.571553	NAE-2018-02391
Boston Harbor Improvement	MBDS	3417	2613	2019-11-04	42.43549	-70.587403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4842	3702	2019-11-04	42.436258	-70.58494	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3810	2913	2019-11-04	42.435333	-70.587573	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5866	4484	2019-11-04	42.43463	-70.582113	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5719	4373	2019-11-04	42.434162	-70.582835	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6139	4694	2019-11-04	42.434677	-70.581845	W912WJ-19-C-0015
Hingham Harbor	MBDS	2236	1709	2019-11-04	42.418993	-70.571855	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	334	255	2019-11-04	42.419993	-70.578052	NAE-2011-00750
Boston Harbor Improvement	MBDS	4895	3743	2019-11-05	42.435547	-70.588403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3764	2878	2019-11-05	42.435952	-70.587793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3735	2856	2019-11-05	42.435912	-70.587648	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5642	4314	2019-11-05	42.43403	-70.583117	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6042	4620	2019-11-05	42.4343	-70.581107	W912WJ-19-C-0015
Hingham Harbor	MBDS	2202	1683	2019-11-05	42.419073	-70.571512	NAE-2018-02391
Boston Harbor Improvement	MBDS	3409	2606	2019-11-06	42.43364	-70.597892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5015	3834	2019-11-06	42.43599	-70.586052	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3990	3050	2019-11-06	42.435553	-70.588783	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5582	4268	2019-11-06	42.43453	-70.582958	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6046	4623	2019-11-06	42.43384	-70.583882	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	6178	4723	2019-11-06	42.434588	-70.580038	W912WJ-19-C-0015
Hingham Harbor	MBDS	2135	1632	2019-11-06	42.419405	-70.5716	NAE-2018-02391
Brewer Hawthorne Cove Marina	MBDS	250	191	2019-11-06	42.419863	-70.57814	NAE-2011-00750
Boston Harbor Improvement	MBDS	4372	3342	2019-11-07	42.432593	-70.600958	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5019	3837	2019-11-07	42.43209	-70.59728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3064	2019-11-07	42.433222	-70.599142	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5787	4424	2019-11-07	42.434127	-70.5839	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5335	4078	2019-11-07	42.434575	-70.582983	W912WJ-19-C-0015
Hingham Harbor	MBDS	1470	1124	2019-11-07	42.419212	-70.571605	NAE-2018-02391
Boston Harbor Improvement	MBDS	3498	2675	2019-11-08	42.433683	-70.59731	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4341	3319	2019-11-08	42.433635	-70.599205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3406	2604	2019-11-08	42.433693	-70.59966	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3884	2970	2019-11-08	42.433175	-70.601887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3479	2660	2019-11-08	42.433285	-70.60001	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5167	3950	2019-11-08	42.433588	-70.598855	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	3078	2353	2019-11-08	42.423238	-70.571448	NAE-1989-00530
Boston Harbor Improvement	MBDS	4293	3282	2019-11-09	42.433487	-70.600127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1721	1316	2019-11-09	42.433773	-70.60011	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3970	3035	2019-11-09	42.433942	-70.598817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3572	2731	2019-11-09	42.433787	-70.599007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4269	3263	2019-11-09	42.434315	-70.599853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5025	3842	2019-11-09	42.433993	-70.598608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4075	3116	2019-11-09	42.436365	-70.590025	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Brewer Hawthorne Cove Marina	MBDS	290	222	2019-11-09	42.424692	-70.582628	NAE-2011-00750
Boston Harbor Improvement	MBDS	3501	2677	2019-11-10	42.436625	-70.58921	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4246	3246	2019-11-10	42.436508	-70.590117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1631	1247	2019-11-10	42.436137	-70.59078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4011	3067	2019-11-10	42.436715	-70.590015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3570	2729	2019-11-10	42.43653	-70.588902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4446	3399	2019-11-10	42.436898	-70.589292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4868	3722	2019-11-10	42.437418	-70.587187	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	6062	4634	2019-11-10	42.43366	-70.584733	W912WJ-19-C-0015
Boston Harbor Improvement	MBDS	3925	3001	2019-11-11	42.436552	-70.589137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3515	2687	2019-11-11	42.436875	-70.589258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1496	1143	2019-11-11	42.433482	-70.60211	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4395	3360	2019-11-11	42.43362	-70.601613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3976	3039	2019-11-11	42.433705	-70.601563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3531	2699	2019-11-11	42.434182	-70.600773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4956	3789	2019-11-11	42.433842	-70.599928	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	5613	4291	2019-11-11	42.433587	-70.583015	W912WJ-19-C-0015
Boston Harbor Maintenance Dredging 2019	MBDS	5305	4056	2019-11-11	42.43394	-70.583852	W912WJ-19-C-0015
Brewer Hawthorne Cove Marina	MBDS	462	353	2019-11-11	42.422417	-70.5807	NAE-2011-00750
Boston Harbor Improvement	MBDS	3559	2721	2019-11-12	42.433748	-70.60005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4068	3110	2019-11-12	42.433763	-70.600562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3875	2962	2019-11-12	42.433923	-70.600085	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1379	1054	2019-11-12	42.43354	-70.600432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4299	3287	2019-11-12	42.434113	-70.599867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3355	2565	2019-11-12	42.43486	-70.599455	W912WJ-18-C-0010
Boston Harbor Maintenance Dredging 2019	MBDS	2451	1874	2019-11-12	42.43445	-70.582045	W912WJ-19-C-0015
Brewer Hawthorne Cove Marina	MBDS	375	286	2019-11-12	42.419453	-70.577102	NAE-2011-00750
Boston Harbor Improvement	MBDS	3929	3003	2019-11-13	42.434383	-70.598905	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1127	862	2019-11-13	42.434022	-70.599468	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4158	3179	2019-11-13	42.43491	-70.599602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3681	2814	2019-11-13	42.434865	-70.597302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5281	4038	2019-11-13	42.435192	-70.597268	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	361	276	2019-11-13	42.420043	-70.5787	NAE-2011-00750
Boston Harbor Improvement	MBDS	3874	2962	2019-11-14	42.43515	-70.59777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4158	3179	2019-11-14	42.434448	-70.598355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3472	2655	2019-11-14	42.43476	-70.597853	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3451	2638	2019-11-14	42.435065	-70.596153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4034	3084	2019-11-14	42.435095	-70.596363	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3508	2682	2019-11-14	42.434923	-70.596083	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2019-11-14	42.434755	-70.597008	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	328	251	2019-11-14	42.414485	-70.573397	NAE-2011-00750
Boston Harbor Improvement	MBDS	5141	3930	2019-11-15	42.434963	-70.596477	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3971	3036	2019-11-15	42.435772	-70.592792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3516	2688	2019-11-15	42.435907	-70.592572	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3850	2943	2019-11-15	42.43581	-70.59362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4367	3339	2019-11-15	42.436293	-70.593225	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4066	3108	2019-11-15	42.436015	-70.592585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3515	2688	2019-11-16	42.436288	-70.591063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4845	3704	2019-11-16	42.436152	-70.591573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3684	2816	2019-11-16	42.436235	-70.592375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2019-11-16	42.436527	-70.590788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3920	2997	2019-11-16	42.43699	-70.592677	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4268	3263	2019-11-16	42.436852	-70.589415	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3617	2765	2019-11-16	42.43716	-70.589522	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4036	3086	2019-11-17	42.437385	-70.59023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3949	3019	2019-11-17	42.436938	-70.59028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4203	3213	2019-11-17	42.4372	-70.589653	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3502	2678	2019-11-17	42.438103	-70.589255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3789	2897	2019-11-17	42.438272	-70.585153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2019-11-17	42.437492	-70.58896	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4241	3242	2019-11-20	42.437295	-70.588707	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4185	3199	2019-11-20	42.43729	-70.588598	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3522	2693	2019-11-20	42.439873	-70.58203	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4984	3811	2019-11-20	42.439483	-70.581385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4174	3191	2019-11-20	42.439615	-70.579795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4276	3269	2019-11-20	42.439362	-70.581988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3377	2582	2019-11-20	42.439365	-70.582048	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	3549	2714	2019-11-20	42.423058	-70.57217	NAE-1989-00530
Boston Harbor Improvement	MBDS	4134	3160	2019-11-21	42.43957	-70.581042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4787	3660	2019-11-21	42.44004	-70.579013	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	2859	2186	2019-11-21	42.4398	-70.581003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2019-11-21	42.434118	-70.601277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3657	2796	2019-11-22	42.434245	-70.600928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4036	3086	2019-11-22	42.434168	-70.601082	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4980	3808	2019-11-22	42.435347	-70.597343	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3404	2603	2019-11-22	42.434098	-70.600105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3727	2849	2019-11-22	42.43435	-70.600127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4125	3154	2019-11-22	42.434273	-70.600545	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4472	3419	2019-11-23	42.434455	-70.600277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3328	2545	2019-11-23	42.434978	-70.59979	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2019-11-23	42.434757	-70.60196	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4673	3573	2019-11-23	42.435425	-70.600432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3691	2822	2019-11-23	42.43574	-70.600915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3918	2995	2019-11-23	42.438382	-70.593415	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	3609	2759	2019-11-23	42.423503	-70.57253	NAE-1989-00530
Boston Harbor Improvement	MBDS	4082	3121	2019-11-24	42.438705	-70.592875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3561	2723	2019-11-24	42.438528	-70.593018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3733	2854	2019-11-24	42.438497	-70.593347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4903	3749	2019-11-24	42.440983	-70.58525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3307	2528	2019-11-24	42.440587	-70.586095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2348	1795	2019-11-24	42.441703	-70.585122	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3823	2923	2019-11-25	42.440793	-70.585323	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2909	2019-11-25	42.44058	-70.586257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3727	2850	2019-11-25	42.440997	-70.58462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4528	3462	2019-11-25	42.440802	-70.585082	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4107	3140	2019-11-26	42.440487	-70.585387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3459	2644	2019-11-26	42.44092	-70.584457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3638	2782	2019-11-26	42.440948	-70.584413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3918	2996	2019-11-26	42.44136	-70.583362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3943	3015	2019-11-26	42.441118	-70.584823	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2094	1601	2019-11-26	42.437545	-70.597397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4680	3578	2019-11-26	42.437903	-70.596663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3480	2660	2019-11-26	42.437133	-70.597617	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2097	1603	2019-11-27	42.4373	-70.597307	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3776	2887	2019-11-27	42.437675	-70.59658	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2301	1759	2019-11-27	42.438628	-70.593908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4319	3302	2019-11-27	42.441328	-70.589613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5021	3838	2019-11-27	42.433567	-70.580857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2321	1774	2019-11-27	42.440943	-70.58584	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4271	3265	2019-11-28	42.438725	-70.59331	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1261	964	2019-11-28	42.440545	-70.587685	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3261	2493	2019-11-28	42.439117	-70.59259	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2019-11-28	42.438963	-70.5925	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3565	2726	2019-11-30	42.44104	-70.586767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4257	3255	2019-11-30	42.440415	-70.58768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4635	3544	2019-11-30	42.440745	-70.586983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3603	2754	2019-11-30	42.441217	-70.586328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1236	945	2019-11-30	42.440927	-70.586978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4041	3090	2019-12-01	42.44097	-70.586613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3866	2956	2019-12-01	42.440855	-70.586342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4486	3429	2019-12-01	42.441488	-70.585313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4034	3084	2019-12-01	42.441562	-70.585038	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3622	2769	2019-12-01	42.441485	-70.58482	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2589	1980	2019-12-02	42.441635	-70.584678	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4274	3268	2019-12-04	42.441422	-70.584697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3616	2764	2019-12-04	42.442308	-70.583583	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3755	2871	2019-12-04	42.441863	-70.584622	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3591	2745	2019-12-04	42.441675	-70.584898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4170	3188	2019-12-05	42.44132	-70.58497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4922	3763	2019-12-05	42.437573	-70.599273	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3708	2835	2019-12-05	42.437677	-70.600143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3963	3030	2019-12-05	42.437168	-70.60061	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4354	3329	2019-12-05	42.437503	-70.601258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3572	2731	2019-12-05	42.437788	-70.599838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4011	3067	2019-12-05	42.438195	-70.597635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2019-12-06	42.438473	-70.597125	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5366	4103	2019-12-06	42.438128	-70.598217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2001	1530	2019-12-06	42.436745	-70.599182	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4002	3060	2019-12-06	42.43856	-70.597533	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4259	3256	2019-12-06	42.43851	-70.59753	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	2135	1632	2019-12-06	42.438373	-70.597387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4258	3255	2019-12-07	42.438417	-70.597312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3510	2684	2019-12-07	42.438862	-70.596695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5277	4034	2019-12-07	42.438837	-70.593542	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4491	3433	2019-12-07	42.439653	-70.59288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2019-12-07	42.43938	-70.593715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4128	3156	2019-12-08	42.439472	-70.593187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4733	3618	2019-12-08	42.43993	-70.591978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4432	3388	2019-12-08	42.440073	-70.591652	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3581	2738	2019-12-08	42.439768	-70.591818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3313	2533	2019-12-08	42.439962	-70.591818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4175	3192	2019-12-08	42.439952	-70.592305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4369	3340	2019-12-08	42.440857	-70.587847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4237	3239	2019-12-09	42.440907	-70.588923	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5484	4192	2019-12-09	42.441343	-70.587435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3360	2569	2019-12-09	42.441187	-70.588898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4323	3305	2019-12-09	42.43969	-70.589435	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4052	3098	2019-12-09	42.441925	-70.585447	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3150	2408	2019-12-09	42.44148	-70.586312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4302	3289	2019-12-10	42.441582	-70.584982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5189	3967	2019-12-10	42.441832	-70.586013	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4116	3147	2019-12-10	42.442095	-70.58534	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3543	2708	2019-12-10	42.442057	-70.585068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3738	2858	2019-12-10	42.441907	-70.585952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4281	3273	2019-12-10	42.44156	-70.584835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3365	2573	2019-12-11	42.442223	-70.585113	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2019-12-11	42.442542	-70.582875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3432	2624	2019-12-11	42.442562	-70.583075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5138	3928	2019-12-11	42.442793	-70.581797	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3931	3005	2019-12-12	42.443405	-70.581058	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3937	3010	2019-12-12	42.442743	-70.583313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2338	1787	2019-12-12	42.442723	-70.581897	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4368	3339	2019-12-12	42.43404	-70.581625	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3095	2367	2019-12-12	42.442998	-70.581623	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4454	3405	2019-12-12	42.442767	-70.582232	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3144	2019-12-12	42.442985	-70.581995	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4925	3765	2019-12-13	42.433868	-70.581215	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4925	3765	2019-12-13	42.433868	-70.581215	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3195	2443	2019-12-13	42.443112	-70.581665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4046	3094	2019-12-13	42.443335	-70.580313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4404	3367	2019-12-13	42.444097	-70.577867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4137	3162	2019-12-13	42.443857	-70.57962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4501	3441	2019-12-13	42.443805	-70.579765	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	5120	3915	2019-12-14	42.440542	-70.591553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4112	3144	2019-12-14	42.440133	-70.592928	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3536	2703	2019-12-14	42.44018	-70.593908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4098	3133	2019-12-14	42.440053	-70.59341	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4080	3119	2019-12-15	42.440502	-70.585233	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3155	2019-12-15	42.439923	-70.591525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3704	2832	2019-12-15	42.442618	-70.585022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4349	3325	2019-12-16	42.44199	-70.58632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4195	3207	2019-12-16	42.442293	-70.586407	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4576	3499	2019-12-16	42.44259	-70.584855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3529	2698	2019-12-16	42.442333	-70.585008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4331	3312	2019-12-16	42.442343	-70.584778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3757	2872	2019-12-16	42.442527	-70.585808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4104	3138	2019-12-16	42.442363	-70.584555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4762	3641	2019-12-17	42.443015	-70.58328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3414	2610	2019-12-17	42.443017	-70.583287	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4128	3156	2019-12-17	42.442727	-70.583648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4505	3444	2019-12-17	42.442862	-70.583265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4190	3204	2019-12-18	42.443397	-70.582567	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4104	3137	2019-12-18	42.443732	-70.5809	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4257	3254	2019-12-18	42.443368	-70.582535	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3467	2651	2019-12-18	42.44325	-70.582727	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3908	2988	2019-12-18	42.443227	-70.582193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4325	3307	2019-12-19	42.442777	-70.582542	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3513	2686	2019-12-19	42.43918	-70.59926	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3981	3043	2019-12-19	42.438608	-70.598868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4454	3405	2019-12-19	42.438702	-70.599737	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3587	2742	2019-12-19	42.439582	-70.599077	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4097	3132	2019-12-20	42.438232	-70.59939	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4244	3244	2019-12-20	42.439618	-70.594258	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3616	2765	2019-12-20	42.440177	-70.594577	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2019-12-20	42.440017	-70.59459	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	3127	2390	2019-12-20	42.423033	-70.571635	NAE-1989-00530
Boston Harbor Improvement	MBDS	4439	3393	2019-12-21	42.43961	-70.594532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3581	2738	2019-12-21	42.440363	-70.594212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4178	3194	2019-12-21	42.440352	-70.594043	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4357	3331	2019-12-21	42.440462	-70.594072	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3730	2852	2019-12-21	42.44041	-70.593945	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	2467	1886	2019-12-21	42.424663	-70.566777	NAE-1989-00530
Boston Harbor Improvement	MBDS	4197	3208	2019-12-22	42.440478	-70.593862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4240	3242	2019-12-22	42.440303	-70.594358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3751	2868	2019-12-22	42.443017	-70.585542	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4103	3137	2019-12-22	42.442842	-70.585747	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4211	3219	2019-12-23	42.442132	-70.58546	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4057	3102	2019-12-23	42.442847	-70.58571	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4374	3344	2019-12-23	42.442392	-70.58611	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2019-12-23	42.442863	-70.585393	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2019-12-23	42.442863	-70.585393	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	1873	1432	2019-12-23	42.42325	-70.57116	NAE-1989-00530
Boston Harbor Improvement	MBDS	4479	3424	2019-12-27	42.442627	-70.58559	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3765	2878	2019-12-27	42.443183	-70.584973	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3765	2878	2019-12-27	42.443183	-70.584973	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3132	2019-12-27	42.442845	-70.585643	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4296	3284	2019-12-28	42.442805	-70.585357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3940	3012	2019-12-28	42.441113	-70.59374	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3940	3012	2019-12-28	42.441113	-70.59374	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4173	3190	2019-12-28	42.440578	-70.595373	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4208	3217	2019-12-28	42.440673	-70.594845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3648	2789	2019-12-29	42.441167	-70.593063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3648	2789	2019-12-29	42.441167	-70.593063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4172	3190	2019-12-29	42.439878	-70.59438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4065	3108	2019-12-29	42.440077	-70.598265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4065	3108	2019-12-29	42.440077	-70.598265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4208	3217	2019-12-29	42.440288	-70.597903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4189	3202	2019-12-29	42.440423	-70.598257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2901	2019-12-30	42.440152	-70.597953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2901	2019-12-30	42.440152	-70.597953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4173	3191	2019-12-30	42.44007	-70.598883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4075	3116	2020-01-01	42.4447	-70.583357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43832	33511	2020-01-01	42.44464	-70.58295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3697	2826	2020-01-01	42.44464	-70.58295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3829	2928	2020-01-01	42.444668	-70.583008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4158	3179	2020-01-02	42.444625	-70.583912	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4165	3184	2020-01-02	42.444367	-70.5834	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43833	33511	2020-01-02	42.445197	-70.58137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2898	2020-01-02	42.445197	-70.58137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4342	3319	2020-01-02	42.445185	-70.581285	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4038	3087	2020-01-02	42.445215	-70.581537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43833	33512	2020-01-03	42.445147	-70.58138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3547	2712	2020-01-03	42.445147	-70.58138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4213	3221	2020-01-03	42.444713	-70.581602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3049	2020-01-03	42.440042	-70.600238	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43834	33512	2020-01-03	42.440005	-70.600205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2020-01-03	42.440005	-70.600205	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	297	227	2020-01-03	42.42197	-70.573275	NAE-2011-00750
Boston Harbor Improvement	MBDS	4362	3335	2020-01-04	42.440085	-70.599878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4122	3152	2020-01-04	42.440382	-70.599885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43834	33513	2020-01-04	42.439997	-70.599867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3742	2861	2020-01-04	42.439997	-70.599867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4120	3150	2020-01-04	42.44015	-70.59937	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3959	3027	2020-01-04	42.440512	-70.598818	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1237	946	2020-01-04	42.419	-70.57123	W912WJ-18-C-0020
Brewer Hawthorne Cove Marina	MBDS	399	305	2020-01-04	42.418648	-70.572557	NAE-2011-00750
Boston Harbor Improvement	MBDS	43835	33513	2020-01-05	42.440515	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2020-01-05	42.440515	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4271	3265	2020-01-05	42.440285	-70.599212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4152	3174	2020-01-05	42.439992	-70.599105	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	43836	33514	2020-01-05	42.441047	-70.596485	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3551	2715	2020-01-05	42.441047	-70.596485	W912WJ-18-C-0010
Eversource HEEC Cable	MBDS	3442	2632	2020-01-05	42.422855	-70.571787	NAE-1989-00530
Boston Harbor Improvement	MBDS	4267	3262	2020-01-06	42.44136	-70.596198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3258	2020-01-06	42.44118	-70.597095	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43837	33514	2020-01-06	42.441298	-70.596665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3670	2806	2020-01-06	42.441298	-70.596665	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2489	1903	2020-01-06	42.44168	-70.596068	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	470	359	2020-01-06	42.417072	-70.574103	NAE-2011-00750
Boston Harbor Improvement	MBDS	43837	33515	2020-01-07	42.441635	-70.594187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3699	2828	2020-01-07	42.441635	-70.594187	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4315	3299	2020-01-07	42.441833	-70.594882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2020-01-07	42.441783	-70.594337	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1230	940	2020-01-07	42.41972	-70.57043	W912WJ-18-C-0020
Eversource HEEC Cable	MBDS	3423	2617	2020-01-07	42.42381	-70.572308	NAE-1989-00530
Brewer Hawthorne Cove Marina	MBDS	287	219	2020-01-07	42.419128	-70.575983	NAE-2011-00750
Boston Harbor Improvement	MBDS	4026	3078	2020-01-08	42.441892	-70.59493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4173	3190	2020-01-08	42.441543	-70.594918	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43839	33516	2020-01-08	42.443868	-70.587655	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3719	2843	2020-01-08	42.443868	-70.587655	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3894	2977	2020-01-08	42.44366	-70.587858	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1228	939	2020-01-08	42.41917	-70.57108	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4062	3105	2020-01-09	42.443713	-70.587265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43840	33517	2020-01-09	42.443803	-70.587475	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3271	2501	2020-01-09	42.443803	-70.587475	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3801	2906	2020-01-10	42.443898	-70.587807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43840	33517	2020-01-10	42.445958	-70.580938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2882	2020-01-10	42.445958	-70.580938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4094	3130	2020-01-10	42.445927	-70.580495	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4262	3259	2020-01-10	42.445667	-70.580852	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1138	870	2020-01-10	42.41903	-70.57098	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4114	3145	2020-01-11	42.445683	-70.581528	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4222	3228	2020-01-11	42.445585	-70.579913	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43842	33518	2020-01-11	42.440672	-70.598705	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3750	2867	2020-01-11	42.440672	-70.598705	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4259	3256	2020-01-11	42.440915	-70.599095	W912WJ-18-C-0010
Plymouth Harbor	MBDS	1196	914	2020-01-11	42.41923	-70.57083	W912WJ-18-C-0020
Brewer Hawthorne Cove Marina	MBDS	212	162	2020-01-11	42.418598	-70.574305	NAE-2011-00750
Boston Harbor Improvement	MBDS	4149	3172	2020-01-12	42.441018	-70.598197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4021	3074	2020-01-12	42.441055	-70.598855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43843	33519	2020-01-12	42.441178	-70.598568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3500	2676	2020-01-12	42.441178	-70.598568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4130	3158	2020-01-12	42.441315	-70.597513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4039	3088	2020-01-13	42.441258	-70.597345	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43843	33519	2020-01-13	42.441587	-70.597615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3761	2875	2020-01-13	42.441587	-70.597615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4171	3189	2020-01-13	42.441375	-70.59771	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	365	279	2020-01-13	42.418942	-70.575107	NAE-2011-00750
Boston Harbor Improvement	MBDS	4190	3204	2020-01-14	42.441452	-70.597788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	43844	33520	2020-01-14	42.441438	-70.596922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3873	2961	2020-01-14	42.441438	-70.596922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4400	3364	2020-01-14	42.441455	-70.597023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4100	3135	2020-01-14	42.441752	-70.596467	W912WJ-18-C-0010
Plymouth Harbor	MBDS	943	721	2020-01-14	42.41933	-70.5713	W912WJ-18-C-0020
Boston Harbor Improvement	MBDS	4348	3324	2020-01-15	42.441638	-70.597058	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2901	2020-01-15	42.441377	-70.596668	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3794	2901	2020-01-15	42.441377	-70.596668	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4174	3191	2020-01-15	42.442285	-70.594078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4068	3110	2020-01-15	42.442202	-70.594372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2789	2020-01-15	42.442487	-70.59424	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3647	2789	2020-01-15	42.442487	-70.59424	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4003	3061	2020-01-16	42.442388	-70.593962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3457	2643	2020-01-16	42.433697	-70.5811	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4372	3343	2020-01-16	42.442348	-70.594875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4078	3117	2020-01-16	42.443258	-70.589068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3637	2781	2020-01-17	42.441857	-70.60536	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3637	2781	2020-01-17	42.441857	-70.60536	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4153	3175	2020-01-18	42.444078	-70.588895	W912WJ-18-C-0010
Plymouth Yacht Club	MBDS	1179	901	2020-01-18	42.4192	-70.57087	NAE-2004-01996
Boston Harbor Improvement	MBDS	1840	1407	2020-01-19	42.44469	-70.589893	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Brewer Hawthorne Cove Marina	MBDS	450	344	2020-01-20	42.418497	-70.575182	NAE-2011-00750
Plymouth Yacht Club	MBDS	1008	770	2020-01-21	42.41912	-70.57033	NAE-2004-01996
Plymouth Yacht Club	MBDS	1073	820	2020-01-22	42.41933	-70.57118	NAE-2004-01996
Brewer Hawthorne Cove Marina	MBDS	161	123	2020-01-23	42.420003	-70.578517	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	397	304	2020-01-23	42.419703	-70.577808	NAE-2011-00750
Plymouth Yacht Club	MBDS	1025	784	2020-01-23	42.41908	-70.57122	NAE-2004-01996
Boston Harbor Improvement	MBDS	4015	3069	2020-01-24	42.444107	-70.58983	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3970	3035	2020-01-24	42.445747	-70.583518	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	295	226	2020-01-24	42.419473	-70.576763	NAE-2011-00750
Plymouth Yacht Club	MBDS	914	698	2020-01-24	42.41927	-70.57127	NAE-2004-01996
Boston Harbor Improvement	MBDS	3951	3020	2020-01-25	42.445235	-70.5837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3523	2693	2020-01-25	42.445307	-70.583663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4062	3105	2020-01-26	42.445468	-70.583087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3850	2943	2020-01-27	42.445733	-70.58272	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3144	2020-01-27	42.442037	-70.597605	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3661	2799	2020-01-27	42.442405	-70.59749	W912WJ-18-C-0010
Plymouth Yacht Club	MBDS	971	742	2020-01-27	42.41943	-70.57065	NAE-2004-01996
Boston Harbor Improvement	MBDS	3932	3006	2020-01-28	42.441597	-70.597963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3713	2839	2020-01-28	42.442093	-70.597353	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3960	3027	2020-01-28	42.442005	-70.597213	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	275	210	2020-01-28	42.420328	-70.578155	NAE-2011-00750
Boston Harbor Improvement	MBDS	4298	3286	2020-01-29	42.442382	-70.59438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3738	2858	2020-01-29	42.442808	-70.594217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3567	2727	2020-01-29	42.442778	-70.594563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3567	2727	2020-01-29	42.442778	-70.594563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3964	3030	2020-01-29	42.442677	-70.594658	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4049	3096	2020-01-29	42.442883	-70.594743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4202	3213	2020-01-30	42.444308	-70.589392	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2020-01-30	42.444662	-70.588613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3868	2958	2020-01-30	42.444415	-70.588938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4215	3222	2020-01-30	42.444278	-70.589235	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3588	2743	2020-01-30	42.44449	-70.588858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3588	2743	2020-01-30	42.44449	-70.588858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4106	3139	2020-01-31	42.446075	-70.5837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4605	3521	2020-01-31	42.44571	-70.583903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3744	2862	2020-01-31	42.446238	-70.583795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-01-31	42.446042	-70.583547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3625	2771	2020-02-01	42.439272	-70.579108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4245	3245	2020-02-01	42.438908	-70.580825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4042	3090	2020-02-02	42.439068	-70.580805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3671	2806	2020-02-02	42.43881	-70.579608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4031	3081	2020-02-02	42.43914	-70.58014	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2020-02-02	42.439507	-70.580142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3541	2708	2020-02-02	42.43968	-70.57956	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4407	3369	2020-02-03	42.440025	-70.579857	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3515	2687	2020-02-03	42.440073	-70.579652	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4207	3216	2020-02-03	42.439595	-70.579828	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4463	3412	2020-02-03	42.439702	-70.57988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3194	2442	2020-02-03	42.441935	-70.572228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4104	3138	2020-02-04	42.44108	-70.57877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4409	3371	2020-02-04	42.440533	-70.579633	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3798	2904	2020-02-04	42.441355	-70.579158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-02-04	42.44112	-70.579228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4272	3266	2020-02-04	42.441325	-70.578548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4110	3142	2020-02-05	42.442063	-70.57898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3401	2600	2020-02-05	42.441657	-70.5789	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4207	3216	2020-02-05	42.441597	-70.579408	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4029	3080	2020-02-05	42.441163	-70.578893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4451	3403	2020-02-06	42.442635	-70.578733	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4220	3226	2020-02-06	42.442168	-70.578317	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3356	2566	2020-02-06	42.442545	-70.578283	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4039	3088	2020-02-06	42.442285	-70.579527	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3829	2928	2020-02-06	42.442513	-70.579177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3412	2609	2020-02-07	42.443247	-70.578825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3023	2311	2020-02-07	42.44316	-70.579198	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2020-02-07	42.443423	-70.578112	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2020-02-08	42.443578	-70.578195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3683	2816	2020-02-08	42.439518	-70.579045	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3053	2334	2020-02-08	42.44203	-70.578112	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3379	2584	2020-02-08	42.43904	-70.580197	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3780	2890	2020-02-09	42.439433	-70.57963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3698	2827	2020-02-09	42.439045	-70.57871	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3528	2697	2020-02-09	42.440068	-70.579002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2898	2020-02-10	42.439903	-70.578608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3471	2654	2020-02-10	42.433968	-70.580843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3610	2760	2020-02-10	42.440073	-70.578832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3790	2897	2020-02-10	42.439562	-70.578202	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3857	2949	2020-02-11	42.440648	-70.579108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3542	2708	2020-02-11	42.44057	-70.578432	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3465	2649	2020-02-12	42.4411	-70.578333	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4129	3157	2020-02-12	42.440383	-70.5784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3490	2668	2020-02-12	42.440833	-70.578828	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3683	2815	2020-02-13	42.441405	-70.579027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3544	2710	2020-02-13	42.441143	-70.578575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3728	2850	2020-02-13	42.441502	-70.57794	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3049	2020-02-13	42.441647	-70.577798	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4062	3106	2020-02-13	42.441268	-70.578213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3304	2526	2020-02-14	42.442442	-70.577515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3465	2649	2020-02-14	42.442328	-70.577498	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4153	3175	2020-02-14	42.442585	-70.577827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4054	3099	2020-02-15	42.438037	-70.579222	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3522	2692	2020-02-15	42.443418	-70.577433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2020-02-15	42.443318	-70.577312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3560	2722	2020-02-15	42.44328	-70.577327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3962	3029	2020-02-15	42.443127	-70.577883	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3985	3046	2020-02-16	42.4375	-70.579193	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3765	2878	2020-02-16	42.438178	-70.578725	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3435	2626	2020-02-16	42.437787	-70.579493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4026	3078	2020-02-16	42.437595	-70.579295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2020-02-17	42.43948	-70.578573	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3333	2548	2020-02-17	42.439187	-70.578608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3985	3046	2020-02-17	42.438643	-70.578648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4017	3071	2020-02-17	42.43882	-70.578282	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3160	2020-02-18	42.439052	-70.579063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3359	2568	2020-02-18	42.439402	-70.578277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3965	3031	2020-02-18	42.439988	-70.5782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4178	3195	2020-02-18	42.439773	-70.578338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3304	2526	2020-02-19	42.440098	-70.578652	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2769	2117	2020-02-19	42.440312	-70.578225	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2766	2115	2020-02-19	42.440543	-70.577872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3507	2681	2020-02-19	42.440807	-70.577223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3654	2794	2020-02-19	42.440572	-70.578375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2020-02-20	42.440595	-70.577852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3279	2507	2020-02-20	42.442577	-70.577153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3698	2827	2020-02-20	42.441228	-70.577737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3708	2835	2020-02-20	42.44114	-70.577603	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-02-21	42.440935	-70.577848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3496	2673	2020-02-21	42.441652	-70.577632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3963	3030	2020-02-21	42.44241	-70.577698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4106	3139	2020-02-21	42.442333	-70.577308	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3400	2599	2020-02-22	42.443135	-70.576795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4028	3079	2020-02-22	42.443657	-70.577117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3921	2998	2020-02-22	42.443	-70.576738	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3460	2645	2020-02-22	42.443045	-70.576835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4270	3264	2020-02-22	42.443003	-70.5771	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3162	2418	2020-02-22	42.443018	-70.576778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3508	2682	2020-02-23	42.43761	-70.578963	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3654	2793	2020-02-23	42.437418	-70.578693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3644	2786	2020-02-23	42.438288	-70.578463	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4366	3338	2020-02-23	42.437888	-70.578578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3465	2649	2020-02-24	42.43879	-70.577802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3844	2939	2020-02-24	42.438723	-70.578008	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3704	2832	2020-02-24	42.438807	-70.57851	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3981	3044	2020-02-24	42.438682	-70.578125	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3863	2953	2020-02-24	42.438158	-70.577955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4196	3208	2020-02-25	42.438632	-70.577413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2777	2123	2020-02-25	42.434057	-70.580648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3050	2020-02-25	42.43948	-70.57745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4269	3264	2020-02-26	42.435098	-70.584802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3578	2735	2020-02-26	42.43582	-70.583737	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3994	3054	2020-02-26	42.435455	-70.584257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3691	2822	2020-02-26	42.435437	-70.584378	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3273	2502	2020-02-27	42.43533	-70.584137	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3652	2792	2020-02-27	42.435873	-70.582885	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4014	3069	2020-02-28	42.435773	-70.583022	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2020-02-28	42.435877	-70.582962	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4171	3189	2020-02-28	42.436127	-70.583023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3405	2603	2020-02-29	42.435778	-70.583078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2020-02-29	42.435047	-70.584007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3965	3031	2020-02-29	42.434637	-70.584642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3600	2752	2020-02-29	42.434888	-70.58451	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4128	3156	2020-02-29	42.435122	-70.584192	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2020-03-01	42.434862	-70.584217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3514	2687	2020-03-01	42.43537	-70.58254	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4250	3250	2020-03-01	42.435455	-70.58324	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3555	2718	2020-03-01	42.435423	-70.583028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4130	3157	2020-03-01	42.435025	-70.582867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4206	3216	2020-03-02	42.431687	-70.592955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3680	2813	2020-03-02	42.431738	-70.593042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3064	2020-03-02	42.431508	-70.59212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4029	3080	2020-03-02	42.431443	-70.592343	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3308	2529	2020-03-03	42.432465	-70.591367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4010	3066	2020-03-03	42.432095	-70.592083	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4124	3153	2020-03-03	42.432087	-70.59241	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3471	2654	2020-03-03	42.432673	-70.591965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3764	2878	2020-03-04	42.432563	-70.590657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3488	2667	2020-03-04	42.432473	-70.590778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4051	3097	2020-03-04	42.432245	-70.590832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4052	3098	2020-03-04	42.432308	-70.592015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3240	2477	2020-03-05	42.432307	-70.591405	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2020-03-05	42.432615	-70.590523	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2960	2020-03-05	42.432722	-70.589608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2020-03-05	42.432795	-70.590387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3641	2784	2020-03-05	42.43293	-70.588912	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3353	2563	2020-03-06	42.43302	-70.589223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3646	2788	2020-03-06	42.432977	-70.58903	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3982	3045	2020-03-06	42.43309	-70.589147	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2737	2092	2020-03-06	42.433362	-70.588218	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2659	2033	2020-03-08	42.431882	-70.592338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4034	3084	2020-03-08	42.43324	-70.587907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3885	2970	2020-03-08	42.43322	-70.588448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3272	2501	2020-03-09	42.4334	-70.587948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4050	3097	2020-03-09	42.433565	-70.587017	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4128	3156	2020-03-09	42.433413	-70.587338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3659	2797	2020-03-09	42.433517	-70.58778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3837	2933	2020-03-10	42.433635	-70.586762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3228	2468	2020-03-10	42.433548	-70.587395	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3909	2989	2020-03-10	42.434	-70.586438	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3533	2701	2020-03-10	42.433623	-70.585413	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2020-03-11	42.437888	-70.585433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3154	2020-03-11	42.438058	-70.585302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3946	3017	2020-03-11	42.438397	-70.584783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3085	2359	2020-03-12	42.435438	-70.595762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3034	2319	2020-03-12	42.435305	-70.596372	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3871	2960	2020-03-12	42.435958	-70.595747	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3962	3029	2020-03-13	42.436057	-70.59449	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3943	3014	2020-03-13	42.43681	-70.594748	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4050	3096	2020-03-14	42.436012	-70.594107	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3569	2729	2020-03-14	42.43777	-70.593217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4006	3062	2020-03-14	42.437253	-70.593915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4070	3112	2020-03-14	42.436793	-70.594728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2020-03-14	42.439105	-70.58657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3766	2879	2020-03-15	42.439338	-70.587337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3121	2020-03-15	42.43916	-70.587042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3456	2642	2020-03-15	42.43666	-70.596647	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3230	2020-03-16	42.436625	-70.596752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2949	2020-03-16	42.440063	-70.586142	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3490	2668	2020-03-16	42.440097	-70.586615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4274	3268	2020-03-17	42.439647	-70.587015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3649	2790	2020-03-17	42.441647	-70.58061	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3516	2688	2020-03-17	42.441668	-70.579663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3131	2020-03-17	42.441843	-70.580217	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4029	3080	2020-03-18	42.442202	-70.579448	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3564	2725	2020-03-18	42.44212	-70.579165	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3823	2923	2020-03-18	42.442323	-70.578693	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4228	3232	2020-03-19	42.437242	-70.597063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3272	2501	2020-03-19	42.43686	-70.597603	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3695	2825	2020-03-19	42.4374	-70.597302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4136	3162	2020-03-20	42.442022	-70.582132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3503	2678	2020-03-20	42.441633	-70.581293	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-03-20	42.441752	-70.582005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3490	2668	2020-03-21	42.438945	-70.592952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2020-03-21	42.438472	-70.593742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3105	2374	2020-03-21	42.438955	-70.593813	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3859	2950	2020-03-22	42.437863	-70.596132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3896	2978	2020-03-22	42.43841	-70.596368	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3605	2756	2020-03-23	42.438293	-70.597297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4236	3238	2020-03-23	42.44054	-70.589843	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4195	3207	2020-03-23	42.440433	-70.589555	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3441	2630	2020-03-23	42.441782	-70.591097	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3919	2996	2020-03-25	42.443485	-70.579532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4000	3058	2020-03-25	42.443498	-70.579035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3438	2628	2020-03-25	42.442818	-70.578562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3906	2986	2020-03-25	42.44306	-70.579677	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3713	2839	2020-03-26	42.443418	-70.579863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3186	2436	2020-03-26	42.443367	-70.579592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4081	3120	2020-03-26	42.443612	-70.581028	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3831	2929	2020-03-26	42.443532	-70.58087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3612	2761	2020-03-27	42.443425	-70.58035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3946	3017	2020-03-27	42.43899	-70.597173	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2020-03-27	42.439095	-70.597303	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3682	2815	2020-03-27	42.438912	-70.597725	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3986	3047	2020-03-27	42.441782	-70.590803	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3763	2877	2020-03-28	42.44151	-70.591255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3643	2785	2020-03-28	42.441363	-70.590753	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4120	3150	2020-03-28	42.44424	-70.583965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3692	2822	2020-03-28	42.444428	-70.583328	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4302	3289	2020-03-29	42.44433	-70.583517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3219	2020-03-29	42.443695	-70.587297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3685	2817	2020-03-29	42.443837	-70.586757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3957	3025	2020-03-31	42.443707	-70.587088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4211	3220	2020-03-31	42.441902	-70.595238	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3270	2500	2020-04-01	42.442252	-70.59398	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2020-04-01	42.442873	-70.599428	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4091	3128	2020-04-01	42.442888	-70.591845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3369	2576	2020-04-01	42.442793	-70.591993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3741	2860	2020-04-05	42.444192	-70.589532	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4135	3162	2020-04-06	42.44364	-70.589777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3483	2663	2020-04-06	42.443933	-70.58907	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3817	2918	2020-04-06	42.443673	-70.587862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3717	2842	2020-04-06	42.444537	-70.586915	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4380	3349	2020-04-07	42.444082	-70.587048	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3576	2734	2020-04-07	42.444585	-70.589005	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4210	3218	2020-04-07	42.444015	-70.589178	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4272	3266	2020-04-07	42.44447	-70.588782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3571	2730	2020-04-08	42.445887	-70.583205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4221	3227	2020-04-08	42.445517	-70.584362	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4266	3261	2020-04-08	42.446058	-70.58406	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3740	2859	2020-04-08	42.447273	-70.579305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2020-04-08	42.446958	-70.579688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4336	3315	2020-04-09	42.44748	-70.579335	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3757	2872	2020-04-09	42.447615	-70.582993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4115	3146	2020-04-09	42.4478	-70.583278	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3169	2423	2020-04-09	42.447673	-70.582893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3717	2841	2020-04-10	42.445885	-70.59012	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3544	2710	2020-04-10	42.446285	-70.58872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4287	3278	2020-04-11	42.447368	-70.587135	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2020-04-11	42.446535	-70.588168	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3546	2711	2020-04-11	42.447075	-70.586383	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2020-04-11	42.44715	-70.584723	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3780	2890	2020-04-12	42.447373	-70.585607	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3833	2930	2020-04-12	42.447445	-70.585788	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3784	2893	2020-04-12	42.448753	-70.585793	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2843	2020-04-13	42.44774	-70.58524	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4025	3077	2020-04-13	42.448083	-70.585103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3594	2747	2020-04-13	42.447532	-70.588945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4234	3237	2020-04-14	42.447292	-70.58869	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3675	2810	2020-04-14	42.447368	-70.588868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3707	2834	2020-04-14	42.447368	-70.588868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4077	3117	2020-04-14	42.447842	-70.589078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3955	3024	2020-04-14	42.447908	-70.588882	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3792	2899	2020-04-15	42.448015	-70.588433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2020-04-15	42.439338	-70.578015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4382	3350	2020-04-15	42.439632	-70.57767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3686	2818	2020-04-15	42.439635	-70.578107	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4081	3120	2020-04-16	42.439568	-70.577985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3916	2994	2020-04-16	42.440507	-70.576867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3826	2925	2020-04-16	42.440405	-70.576952	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4251	3250	2020-04-16	42.440288	-70.57715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4242	3243	2020-04-17	42.440527	-70.577497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3694	2824	2020-04-17	42.44053	-70.577347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4304	3290	2020-04-17	42.436722	-70.577818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4458	3408	2020-04-17	42.43683	-70.578197	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3746	2864	2020-04-17	42.43691	-70.578243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3960	3027	2020-04-18	42.437017	-70.57879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3144	2020-04-18	42.43685	-70.577902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3660	2798	2020-04-18	42.437748	-70.577992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4332	3312	2020-04-18	42.437797	-70.578553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3412	2608	2020-04-19	42.437775	-70.577895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3520	2691	2020-04-20	42.43771	-70.577575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3464	2648	2020-04-20	42.437565	-70.577522	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3941	3013	2020-04-20	42.438663	-70.578165	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3687	2819	2020-04-20	42.438707	-70.578138	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3743	2861	2020-04-21	42.438437	-70.577297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4090	3127	2020-04-21	42.438353	-70.577562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4068	3110	2020-04-21	42.438575	-70.577403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3630	2775	2020-04-21	42.439472	-70.575792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4233	3236	2020-04-22	42.439028	-70.576902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3998	3057	2020-04-22	42.439268	-70.576898	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4216	3224	2020-04-22	42.439377	-70.576447	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3600	2752	2020-04-23	42.4402	-70.573395	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4126	3155	2020-04-23	42.440162	-70.57606	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4151	3174	2020-04-23	42.439843	-70.577025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3737	2857	2020-04-23	42.440252	-70.576633	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-04-24	42.44022	-70.5767	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4133	3160	2020-04-24	42.439902	-70.576402	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3674	2809	2020-04-24	42.436625	-70.578213	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2020-04-24	42.436558	-70.57756	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4513	3450	2020-04-24	42.436192	-70.578305	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2020-04-25	42.43682	-70.57784	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3954	3023	2020-04-25	42.436843	-70.577585	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4022	3075	2020-04-25	42.437282	-70.577228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3540	2706	2020-04-25	42.437357	-70.58018	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3858	2950	2020-04-26	42.437243	-70.577627	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2020-04-26	42.437452	-70.577607	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3705	2832	2020-04-26	42.437618	-70.576902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2020-04-29	42.438885	-70.57695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3876	2963	2020-04-29	42.438505	-70.577188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3043	2020-04-29	42.439075	-70.576828	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3554	2717	2020-04-29	42.438623	-70.576865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2020-04-30	42.440658	-70.57741	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2960	2020-04-30	42.440133	-70.581237	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3410	2607	2020-04-30	42.438348	-70.575978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4032	3083	2020-05-01	42.440018	-70.577128	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4103	3137	2020-05-01	42.439695	-70.576752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-05-01	42.438947	-70.576257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3694	2824	2020-05-01	42.442943	-70.579672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3215	2458	2020-05-01	42.440237	-70.575847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3703	2831	2020-05-02	42.440052	-70.576493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3895	2978	2020-05-02	42.440738	-70.57577	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3770	2883	2020-05-02	42.440013	-70.576437	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4140	3165	2020-05-02	42.440777	-70.57663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3563	2724	2020-05-02	42.440147	-70.576247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4281	3273	2020-05-03	42.44047	-70.575827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4121	3151	2020-05-03	42.44058	-70.575917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3579	2736	2020-05-03	42.440832	-70.575792	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3475	2657	2020-05-03	42.4417	-70.57521	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4372	3343	2020-05-04	42.441713	-70.575512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4111	3143	2020-05-04	42.440802	-70.575648	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2020-05-04	42.44124	-70.575293	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3840	2936	2020-05-04	42.442482	-70.574978	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4157	3178	2020-05-05	42.44283	-70.574763	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4300	3288	2020-05-05	42.44264	-70.574612	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2020-05-05	42.442467	-70.575737	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3835	2932	2020-05-05	42.442502	-70.574602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3757	2872	2020-05-05	42.442888	-70.57513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4332	3312	2020-05-06	42.43562	-70.57782	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4047	3094	2020-05-06	42.435828	-70.577627	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3121	2020-05-06	42.436257	-70.577927	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4105	3138	2020-05-06	42.435373	-70.578115	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3680	2814	2020-05-06	42.435475	-70.577625	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3862	2953	2020-05-06	42.436872	-70.577145	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4063	3106	2020-05-07	42.436398	-70.577057	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4261	3258	2020-05-07	42.436545	-70.577512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3905	2986	2020-05-07	42.436532	-70.577238	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3624	2771	2020-05-07	42.436397	-70.577815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4306	3292	2020-05-08	42.437058	-70.576588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4088	3125	2020-05-08	42.437408	-70.576835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3590	2745	2020-05-08	42.43759	-70.576683	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2842	2020-05-08	42.43747	-70.576578	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4118	3148	2020-05-09	42.438023	-70.576588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2020-05-09	42.438137	-70.576437	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4054	3099	2020-05-10	42.43752	-70.576715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3965	3031	2020-05-10	42.438342	-70.57566	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3438	2629	2020-05-10	42.438255	-70.5768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3627	2773	2020-05-10	42.43866	-70.576287	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4067	3110	2020-05-11	42.438597	-70.576133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4114	3146	2020-05-11	42.438285	-70.576778	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4251	3250	2020-05-11	42.439018	-70.575895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3554	2717	2020-05-11	42.438728	-70.576427	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4031	3082	2020-05-12	42.439013	-70.575888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3402	2601	2020-05-12	42.44019	-70.574697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3121	2020-05-12	42.439823	-70.575548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3669	2805	2020-05-12	42.439178	-70.57581	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3676	2811	2020-05-12	42.440463	-70.575088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4082	3121	2020-05-12	42.439823	-70.575548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4031	3082	2020-05-12	42.439013	-70.575888	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3758	2873	2020-05-13	42.440587	-70.575507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2020-05-13	42.439593	-70.575358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4047	3094	2020-05-13	42.441068	-70.574858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4011	3067	2020-05-13	42.440862	-70.575195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3758	2873	2020-05-13	42.440587	-70.575507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4011	3067	2020-05-13	42.440862	-70.575195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4123	3152	2020-05-13	42.439593	-70.575358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4047	3094	2020-05-13	42.441068	-70.574858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3676	2810	2020-05-14	42.440937	-70.575347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3710	2836	2020-05-14	42.441905	-70.574955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2020-05-14	42.441702	-70.574773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3229	2020-05-14	42.440568	-70.575235	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4013	3068	2020-05-14	42.441157	-70.574908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3676	2810	2020-05-14	42.440937	-70.575347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3710	2836	2020-05-14	42.441905	-70.574955	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3229	2020-05-14	42.440568	-70.575235	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4013	3068	2020-05-14	42.441157	-70.574908	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2020-05-14	42.441702	-70.574773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3749	2867	2020-05-15	42.442393	-70.574315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-05-15	42.440772	-70.574508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3967	3033	2020-05-15	42.442468	-70.574342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4098	3133	2020-05-15	42.441447	-70.574968	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3749	2867	2020-05-15	42.442393	-70.574315	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4098	3133	2020-05-15	42.441447	-70.574968	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-05-15	42.440772	-70.574508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3967	3033	2020-05-15	42.442468	-70.574342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3480	2660	2020-05-16	42.442228	-70.574462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2960	2020-05-16	42.442328	-70.57411	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2020-05-16	42.442448	-70.574342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4027	3079	2020-05-16	42.442472	-70.574938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3480	2660	2020-05-16	42.442228	-70.574462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3620	2768	2020-05-16	42.442448	-70.574342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4027	3079	2020-05-16	42.442472	-70.574938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2960	2020-05-16	42.442328	-70.57411	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3582	2738	2020-05-17	42.442827	-70.574068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3669	2805	2020-05-17	42.441688	-70.575852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2020-05-17	42.44254	-70.574257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2976	2020-05-17	42.441967	-70.574817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3582	2738	2020-05-17	42.442827	-70.574068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3669	2805	2020-05-17	42.441688	-70.575852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3892	2976	2020-05-17	42.441967	-70.574817	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4200	3211	2020-05-17	42.44254	-70.574257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3774	2885	2020-05-18	42.441988	-70.57507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3633	2777	2020-05-18	42.44329	-70.574023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3145	2020-05-18	42.433943	-70.577635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4190	3203	2020-05-18	42.441883	-70.574067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4093	3129	2020-05-18	42.442502	-70.574242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3774	2885	2020-05-18	42.441988	-70.57507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4190	3203	2020-05-18	42.441883	-70.574067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4093	3129	2020-05-18	42.442502	-70.574242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3633	2777	2020-05-18	42.44329	-70.574023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3145	2020-05-18	42.433943	-70.577635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3677	2811	2020-05-19	42.433777	-70.577367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3806	2910	2020-05-19	42.43734	-70.57835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3871	2959	2020-05-19	42.431368	-70.578108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3677	2811	2020-05-19	42.433777	-70.577367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3871	2959	2020-05-19	42.434978	-70.576922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3806	2910	2020-05-19	42.43734	-70.57835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3605	2756	2020-05-20	42.43349	-70.577582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2020-05-20	42.433997	-70.57698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3605	2756	2020-05-20	42.43349	-70.577582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3498	2674	2020-05-20	42.434748	-70.577575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3864	2954	2020-05-20	42.433997	-70.57698	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4147	3170	2020-05-20	42.434765	-70.577805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3736	2856	2020-05-21	42.436128	-70.57672	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4101	3135	2020-05-21	42.434713	-70.577558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2804	2020-05-21	42.43471	-70.577143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3761	2875	2020-05-22	42.43589	-70.576312	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3721	2845	2020-05-22	42.437062	-70.575975	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4169	3187	2020-05-22	42.435688	-70.576852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2020-05-22	42.4347	-70.576497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4031	3082	2020-05-22	42.434802	-70.577517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3860	2951	2020-05-23	42.43705	-70.576357	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4165	3185	2020-05-23	42.43657	-70.576502	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4086	3124	2020-05-23	42.436438	-70.577322	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2020-05-23	42.436708	-70.576105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3846	2941	2020-05-24	42.438155	-70.576282	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4085	3123	2020-05-24	42.43754	-70.575615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3835	2932	2020-05-24	42.437338	-70.575838	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3552	2716	2020-05-25	42.437418	-70.575988	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3630	2775	2020-05-25	42.438257	-70.575178	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4026	3078	2020-05-25	42.437495	-70.575868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4025	3077	2020-05-25	42.43827	-70.576172	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4111	3143	2020-05-25	42.438225	-70.5758	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4086	3124	2020-05-26	42.439252	-70.574602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4347	3324	2020-05-26	42.438048	-70.575433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4106	3139	2020-05-26	42.439068	-70.575805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4179	3195	2020-05-26	42.438948	-70.57512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3844	2939	2020-05-27	42.439005	-70.575368	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3842	2937	2020-05-27	42.437368	-70.575835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4225	3230	2020-05-27	42.439415	-70.574825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4037	3086	2020-05-27	42.438927	-70.575633	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4070	3111	2020-05-27	42.439768	-70.574863	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3943	3015	2020-05-28	42.439763	-70.574657	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4129	3157	2020-05-28	42.43982	-70.574862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4142	3167	2020-05-28	42.44159	-70.574035	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4011	3066	2020-05-28	42.4396	-70.574992	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2020-05-29	42.440972	-70.574522	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3679	2813	2020-05-29	42.44014	-70.575588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4255	3253	2020-05-29	42.440737	-70.574165	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4119	3149	2020-05-29	42.441372	-70.574515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3552	2716	2020-05-30	42.441013	-70.57402	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4154	3176	2020-05-30	42.442222	-70.573917	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3144	2020-05-30	42.44093	-70.574323	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4132	3159	2020-05-30	42.442498	-70.574662	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2020-05-31	42.43434	-70.576965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3947	3018	2020-05-31	42.433252	-70.577373	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3971	3036	2020-05-31	42.441247	-70.574183	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4226	3231	2020-05-31	42.433695	-70.577287	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3545	2710	2020-06-01	42.434248	-70.576912	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3516	2688	2020-06-01	42.434607	-70.575757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4247	3247	2020-06-01	42.433697	-70.57762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4232	3236	2020-06-01	42.434175	-70.576613	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4027	3079	2020-06-01	42.435857	-70.575872	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3164	2419	2020-06-02	42.434227	-70.576602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3863	2953	2020-06-02	42.434483	-70.576313	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4417	3377	2020-06-02	42.436763	-70.57499	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4020	3074	2020-06-02	42.435587	-70.577315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3723	2847	2020-06-03	42.435922	-70.576037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3643	2785	2020-06-03	42.437363	-70.575772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4030	3081	2020-06-03	42.435593	-70.576525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4018	3072	2020-06-03	42.436093	-70.575953	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-06-03	42.435688	-70.576272	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3639	2782	2020-06-04	42.437313	-70.575385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3857	2948	2020-06-04	42.437827	-70.575072	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3196	2020-06-04	42.43636	-70.575442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4091	3128	2020-06-04	42.435462	-70.57666	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3804	2908	2020-06-05	42.43704	-70.5753	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3747	2865	2020-06-05	42.438403	-70.574862	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4075	3115	2020-06-05	42.43724	-70.575513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4071	3112	2020-06-05	42.437005	-70.57558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4079	3118	2020-06-05	42.437892	-70.574605	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3896	2979	2020-06-05	42.439552	-70.573595	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3820	2920	2020-06-06	42.438685	-70.575288	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4116	3147	2020-06-06	42.437863	-70.575462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4114	3145	2020-06-06	42.438347	-70.57469	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4181	3197	2020-06-06	42.438378	-70.574728	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4224	3229	2020-06-06	42.43918	-70.575115	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3527	2697	2020-06-07	42.43832	-70.576333	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3715	2840	2020-06-07	42.439027	-70.57525	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4250	3249	2020-06-07	42.439087	-70.575212	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4284	3276	2020-06-07	42.43906	-70.574965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4168	3186	2020-06-07	42.43906	-70.574692	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3706	2833	2020-06-08	42.439367	-70.575292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3733	2854	2020-06-08	42.440602	-70.573902	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4088	3125	2020-06-08	42.440955	-70.57473	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4153	3175	2020-06-08	42.439907	-70.574355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4163	3182	2020-06-08	42.439178	-70.575628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3880	2966	2020-06-09	42.440458	-70.574102	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3145	2020-06-09	42.441243	-70.574115	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3988	3049	2020-06-09	42.443873	-70.601678	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4352	3327	2020-06-09	42.439587	-70.57456	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4320	3303	2020-06-10	42.434155	-70.576382	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4091	3128	2020-06-10	42.433113	-70.57615	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4095	3131	2020-06-11	42.433737	-70.576832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3676	2810	2020-06-12	42.434587	-70.575837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4079	3119	2020-06-12	42.433362	-70.576355	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4121	3151	2020-06-13	42.434342	-70.576515	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3919	2996	2020-06-13	42.434767	-70.57603	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2020-06-14	42.434203	-70.576508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3577	2735	2020-06-14	42.434275	-70.5766	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4105	3138	2020-06-15	42.435208	-70.575577	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4008	3064	2020-06-15	42.435642	-70.577953	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	625	478	2020-06-16	42.436747	-70.575695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-06-16	42.4361	-70.5755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4092	3128	2020-06-16	42.436165	-70.57553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3797	2903	2020-06-17	42.4358	-70.5756	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3823	2923	2020-06-17	42.4363	-70.5745	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3689	2820	2020-06-18	42.4365	-70.5751	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3934	3008	2020-06-18	42.4371	-70.575	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3782	2891	2020-06-19	42.4334	-70.5764	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2020-06-19	42.4334	-70.5762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3932	3006	2020-06-19	42.4337	-70.5759	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3733	2854	2020-06-20	42.4343	-70.5755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3834	2931	2020-06-20	42.4331	-70.5761	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3812	2914	2020-06-21	42.433	-70.576	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3728	2850	2020-06-21	42.4343	-70.5754	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4230	3234	2020-06-21	42.4344	-70.5755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3766	2879	2020-06-22	42.4338	-70.5756	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3948	3018	2020-06-22	42.4344	-70.5754	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3820	2921	2020-06-22	42.4353	-70.5749	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3475	2657	2020-06-23	42.435	-70.5748	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3662	2800	2020-06-23	42.435017	-70.575242	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3899	2981	2020-06-24	42.435182	-70.575112	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4059	3104	2020-06-24	42.434942	-70.57519	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4036	3086	2020-06-24	42.436655	-70.57465	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3743	2862	2020-06-25	42.435922	-70.57482	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4045	3092	2020-06-25	42.435972	-70.574993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4102	3136	2020-06-26	42.43581	-70.574795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4110	3142	2020-06-26	42.43684	-70.603058	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4069	3111	2020-06-26	42.435653	-70.574863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3834	2931	2020-06-27	42.436595	-70.603117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4002	3060	2020-06-27	42.436483	-70.602893	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3663	2800	2020-06-27	42.436558	-70.60293	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3981	3044	2020-06-28	42.43634	-70.60338	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3999	3058	2020-06-28	42.437435	-70.602632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3683	2816	2020-06-29	42.43732	-70.602593	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3608	2759	2020-06-29	42.437055	-70.603037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3717	2842	2020-06-29	42.437043	-70.603387	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4070	3112	2020-06-30	42.438008	-70.602347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4047	3094	2020-06-30	42.43726	-70.604105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4086	3124	2020-07-01	42.438323	-70.602512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3999	3058	2020-07-01	42.437917	-70.602385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2020-07-02	42.439033	-70.601777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4184	3199	2020-07-02	42.439213	-70.601547	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3994	3054	2020-07-02	42.438422	-70.601948	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3998	3056	2020-07-02	42.438947	-70.602392	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4064	3107	2020-07-03	42.439007	-70.601772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3599	2751	2020-07-03	42.438043	-70.602388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4010	3065	2020-07-04	42.43945	-70.601	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3683	2816	2020-07-04	42.439505	-70.601403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3716	2841	2020-07-04	42.439007	-70.601385	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3942	3014	2020-07-04	42.439702	-70.601295	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4075	3115	2020-07-05	42.439648	-70.601635	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4054	3099	2020-07-05	42.443487	-70.598537	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3925	3000	2020-07-05	42.440588	-70.600827	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3751	2868	2020-07-06	42.440478	-70.600483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4040	3089	2020-07-06	42.440628	-70.60063	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3964	3031	2020-07-06	42.440632	-70.600452	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3257	2490	2020-07-07	42.441202	-70.59977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3933	3007	2020-07-07	42.440535	-70.600397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4057	3102	2020-07-07	42.441465	-70.600762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4084	3122	2020-07-08	42.441505	-70.599762	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3665	2802	2020-07-08	42.441267	-70.599298	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3673	2808	2020-07-08	42.440863	-70.60127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2020-07-09	42.442392	-70.599553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3811	2913	2020-07-09	42.441905	-70.599582	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4204	3214	2020-07-09	42.441972	-70.599802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3842	2937	2020-07-10	42.442143	-70.599588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3863	2953	2020-07-10	42.443502	-70.598808	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3704	2832	2020-07-10	42.441757	-70.599645	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3812	2915	2020-07-10	42.443128	-70.598642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3923	2999	2020-07-11	42.443098	-70.600053	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	4076	3117	2020-07-11	42.44289	-70.59879	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3989	3049	2020-07-12	42.443075	-70.598453	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3882	2968	2020-07-12	42.437017	-70.604443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-07-12	42.437377	-70.603632	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3618	2766	2020-07-13	42.437238	-70.602878	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2881	2020-07-13	42.436805	-70.603443	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3995	3055	2020-07-14	42.437578	-70.602815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4172	3190	2020-07-14	42.43586	-70.60363	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3823	2923	2020-07-14	42.437672	-70.603205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3866	2956	2020-07-15	42.437473	-70.60333	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2774	2020-07-15	42.438565	-70.603358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2882	2020-07-15	42.437338	-70.602895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3903	2984	2020-07-16	42.438677	-70.602855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3934	3007	2020-07-16	42.438522	-70.603103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4023	3076	2020-07-16	42.438157	-70.603078	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4125	3153	2020-07-16	42.438062	-70.602965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3893	2976	2020-07-17	42.43926	-70.602223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3940	3012	2020-07-17	42.439142	-70.602628	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4212	3220	2020-07-17	42.43786	-70.602715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4202	3212	2020-07-17	42.43976	-70.60243	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3634	2778	2020-07-18	42.439267	-70.602845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3512	2685	2020-07-18	42.439383	-70.602148	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3992	3052	2020-07-18	42.44016	-70.601818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3953	3022	2020-07-19	42.440452	-70.601887	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3987	3048	2020-07-19	42.44052	-70.601795	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3930	3005	2020-07-20	42.440255	-70.601122	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3879	2966	2020-07-20	42.441023	-70.60123	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4020	3073	2020-07-20	42.439747	-70.601823	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3870	2959	2020-07-20	42.440668	-70.601488	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4337	3316	2020-07-21	42.441177	-70.600982	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3967	3033	2020-07-21	42.440495	-70.601945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4131	3158	2020-07-22	42.441325	-70.601292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4264	3260	2020-07-22	42.44157	-70.600507	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4422	3381	2020-07-22	42.44206	-70.600402	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3718	2843	2020-07-22	42.441667	-70.59972	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3805	2909	2020-07-23	42.441603	-70.600965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4035	3085	2020-07-23	42.44162	-70.60091	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4075	3116	2020-07-24	42.442225	-70.600508	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4177	3194	2020-07-24	42.442423	-70.600155	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3799	2905	2020-07-24	42.442577	-70.600263	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4175	3192	2020-07-25	42.44235	-70.600045	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4096	3131	2020-07-25	42.442562	-70.600037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3952	3021	2020-07-25	42.443275	-70.5993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4028	3080	2020-07-26	42.443575	-70.599855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4032	3083	2020-07-26	42.443432	-70.599297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3982	3045	2020-07-27	42.443063	-70.60032	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3705	2832	2020-07-27	42.437853	-70.604292	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4279	3271	2020-07-27	42.443382	-70.599158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3990	3050	2020-07-28	42.437198	-70.604152	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4042	3090	2020-07-28	42.437092	-70.604563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3918	2995	2020-07-28	42.436785	-70.605278	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4252	3251	2020-07-29	42.437205	-70.604442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3808	2911	2020-07-29	42.437742	-70.60302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4362	3335	2020-07-30	42.43781	-70.604195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4063	3106	2020-07-30	42.438355	-70.603873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4223	3229	2020-07-31	42.437713	-70.604245	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3904	2984	2020-07-31	42.439098	-70.602513	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4043	3091	2020-07-31	42.439308	-70.603223	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3891	2975	2020-08-01	42.438645	-70.603388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3953	3022	2020-08-01	42.438587	-70.603403	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3984	3046	2020-08-01	42.438255	-70.60337	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3928	3003	2020-08-02	42.438882	-70.603143	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4002	3060	2020-08-02	42.439637	-70.602877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3762	2876	2020-08-02	42.439928	-70.6027	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3904	2985	2020-08-03	42.439297	-70.60302	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3863	2953	2020-08-03	42.439092	-70.603297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3722	2846	2020-08-03	42.439407	-70.603038	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3885	2970	2020-08-04	42.440425	-70.601895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2692	2058	2020-08-04	42.440503	-70.602147	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2020-08-06	42.440322	-70.60273	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3676	2810	2020-08-06	42.439785	-70.602742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3904	2985	2020-08-07	42.44038	-70.602068	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4141	3166	2020-08-07	42.44103	-70.601848	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4023	3076	2020-08-07	42.44095	-70.60195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3894	2977	2020-08-08	42.441213	-70.601755	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3944	3015	2020-08-08	42.441055	-70.601922	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3713	2838	2020-08-08	42.441575	-70.601818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2020-08-09	42.442318	-70.6003	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4030	3081	2020-08-09	42.433915	-70.580777	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4066	3109	2020-08-09	42.442418	-70.60082	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4039	3088	2020-08-10	42.43392	-70.581032	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3918	2995	2020-08-10	42.43377	-70.581625	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4023	3076	2020-08-11	42.433717	-70.581108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3908	2988	2020-08-11	42.442293	-70.60114	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4095	3131	2020-08-12	42.44139	-70.602855	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4067	3109	2020-08-13	42.442667	-70.601058	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4037	3086	2020-08-13	42.442992	-70.599722	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3866	2956	2020-08-14	42.442905	-70.600297	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3826	2925	2020-08-14	42.442262	-70.601388	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3872	2960	2020-08-15	42.442978	-70.599565	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4113	3144	2020-08-15	42.443615	-70.600177	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4072	3113	2020-08-15	42.444385	-70.599965	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3970	3036	2020-08-16	42.443535	-70.600752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4056	3101	2020-08-16	42.443372	-70.600697	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3767	2880	2020-08-16	42.443338	-70.601097	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4029	3080	2020-08-17	42.438018	-70.604905	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4276	3269	2020-08-18	42.43819	-70.604645	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4130	3157	2020-08-18	42.43815	-70.604768	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3640	2783	2020-08-19	42.438072	-70.60478	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3319	2537	2020-08-19	42.438135	-70.603742	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4039	3088	2020-08-20	42.439313	-70.60361	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3778	2889	2020-08-20	42.43972	-70.60156	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3674	2809	2020-08-20	42.438905	-70.604562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3944	3015	2020-08-21	42.438737	-70.604042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3679	2813	2020-08-21	42.438598	-70.604752	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3897	2979	2020-08-22	42.439798	-70.603088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3840	2936	2020-08-22	42.440117	-70.602858	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3788	2896	2020-08-23	42.439735	-70.603708	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3993	3053	2020-08-23	42.439688	-70.602993	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2020-08-23	42.439993	-70.603695	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3948	3018	2020-08-24	42.440345	-70.60251	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3552	2716	2020-08-24	42.44014	-70.603252	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3835	2932	2020-08-25	42.44003	-70.60321	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3414	2610	2020-08-25	42.440665	-70.602548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3628	2774	2020-08-25	42.440115	-70.602783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4032	3083	2020-08-26	42.441358	-70.602668	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3941	3013	2020-08-26	42.44129	-70.602538	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3373	2579	2020-08-26	42.441603	-70.601528	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3831	2929	2020-08-27	42.441018	-70.602073	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4249	3249	2020-08-28	42.442355	-70.602088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3663	2801	2020-08-28	42.441515	-70.602688	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-08-29	42.442202	-70.602442	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3600	2753	2020-08-29	42.4414	-70.602248	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4073	3114	2020-08-30	42.442273	-70.60208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3344	2556	2020-08-30	42.441933	-70.600892	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4006	3063	2020-08-31	42.442935	-70.601845	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3365	2573	2020-08-31	42.443092	-70.600495	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3936	3009	2020-09-01	42.442893	-70.601402	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3572	2731	2020-09-01	42.442967	-70.599655	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3504	2679	2020-09-01	42.443173	-70.601267	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3419	2614	2020-09-02	42.444068	-70.601268	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3351	2562	2020-09-02	42.444037	-70.600275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3847	2941	2020-09-03	42.443815	-70.60082	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3612	2761	2020-09-03	42.444105	-70.601133	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3428	2621	2020-09-03	42.443908	-70.600015	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3240	2477	2020-09-04	42.439183	-70.603977	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4158	3179	2020-09-05	42.439017	-70.604485	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3043	2020-09-05	42.439435	-70.603568	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3441	2630	2020-09-05	42.439095	-70.60368	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3839	2935	2020-09-06	42.43977	-70.603948	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3634	2778	2020-09-07	42.440217	-70.604147	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3565	2725	2020-09-07	42.434073	-70.580433	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3756	2872	2020-09-08	42.440675	-70.603108	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3604	2756	2020-09-08	42.440037	-70.60341	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2236	1709	2020-09-09	42.442735	-70.602367	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4151	3173	2020-09-09	42.441648	-70.60244	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3394	2595	2020-09-09	42.440733	-70.603497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2562	1959	2020-09-10	42.441012	-70.603275	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3262	2494	2020-09-10	42.441655	-70.602815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3100	2370	2020-09-11	42.434052	-70.580968	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3303	2526	2020-09-11	42.44143	-70.602805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3498	2674	2020-09-11	42.441512	-70.603037	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3542	2708	2020-09-11	42.442393	-70.60247	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2511	1920	2020-09-12	42.442512	-70.602445	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3511	2685	2020-09-12	42.442022	-70.602025	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4030	3081	2020-09-12	42.442035	-70.602702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3226	2467	2020-09-12	42.443487	-70.601342	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2546	1946	2020-09-13	42.443873	-70.601678	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2098	1604	2020-09-13	42.444858	-70.600743	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2918	2231	2020-09-13	42.443783	-70.60147	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3480	2660	2020-09-13	42.443623	-70.602047	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3801	2906	2020-09-13	42.443933	-70.601483	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3490	2668	2020-09-13	42.443095	-70.6023	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2541	1943	2020-09-14	42.443873	-70.600783	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3509	2682	2020-09-14	42.443825	-70.601807	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3852	2945	2020-09-14	42.442957	-70.602757	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2748	2101	2020-09-14	42.442152	-70.602493	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2698	2062	2020-09-15	42.433958	-70.585753	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3775	2886	2020-09-15	42.433742	-70.58638	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4219	3226	2020-09-15	42.433487	-70.586655	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4166	3185	2020-09-15	42.434768	-70.58487	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3709	2835	2020-09-15	42.4342	-70.585375	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2706	2069	2020-09-16	42.434065	-70.584455	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2648	2024	2020-09-16	42.434668	-70.583453	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3599	2752	2020-09-16	42.434382	-70.584563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4244	3244	2020-09-16	42.434425	-70.584602	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3605	2756	2020-09-16	42.434005	-70.585347	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2538	1940	2020-09-17	42.434877	-70.583132	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3699	2828	2020-09-17	42.434643	-70.583128	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3866	2956	2020-09-17	42.434562	-70.584118	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3992	3052	2020-09-17	42.435073	-70.582558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3559	2721	2020-09-17	42.434577	-70.583642	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2030	1552	2020-09-18	42.436637	-70.579205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3802	2907	2020-09-18	42.43462	-70.583147	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3729	2851	2020-09-18	42.434848	-70.58228	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3704	2831	2020-09-18	42.434768	-70.582708	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2185	1671	2020-09-19	42.435132	-70.580947	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3623	2770	2020-09-19	42.435252	-70.581503	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3522	2693	2020-09-19	42.431557	-70.592195	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3976	3039	2020-09-19	42.434892	-70.581517	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3293	2518	2020-09-19	42.435187	-70.582153	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3357	2567	2020-09-19	42.431457	-70.592348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2483	1898	2020-09-20	42.431163	-70.592935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3166	2421	2020-09-20	42.431745	-70.591608	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3990	3050	2020-09-20	42.431317	-70.59277	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3385	2588	2020-09-20	42.431728	-70.592255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2021	1545	2020-09-21	42.431703	-70.59145	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3436	2627	2020-09-21	42.431928	-70.591487	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3945	3016	2020-09-21	42.431875	-70.592318	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3754	2870	2020-09-21	42.432032	-70.591283	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3337	2551	2020-09-21	42.431737	-70.591512	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3296	2520	2020-09-23	42.432058	-70.59088	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2488	1902	2020-09-24	42.443798	-70.578663	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2636	2015	2020-09-24	42.43251	-70.588563	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3675	2809	2020-09-24	42.433055	-70.583457	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4199	3210	2020-09-24	42.431778	-70.590055	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4000	3058	2020-09-24	42.432417	-70.588985	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3546	2711	2020-09-24	42.432472	-70.58899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2784	2128	2020-09-25	42.433117	-70.586705	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2020-09-25	42.43236	-70.589035	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3827	2926	2020-09-25	42.432405	-70.589562	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2651	2027	2020-09-26	42.432815	-70.587317	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3828	2926	2020-09-26	42.432797	-70.588007	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3641	2784	2020-09-26	42.433433	-70.584957	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3768	2880	2020-09-26	42.432507	-70.588315	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2534	1937	2020-09-27	42.433168	-70.586468	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3658	2797	2020-09-27	42.433912	-70.580835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3651	2791	2020-09-27	42.432802	-70.58699	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3412	2608	2020-09-27	42.432888	-70.587205	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3635	2779	2020-09-27	42.432987	-70.586832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3838	2934	2020-09-28	42.434425	-70.585802	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3904	2985	2020-09-28	42.433143	-70.585553	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4187	3201	2020-09-28	42.432985	-70.587158	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2383	1822	2020-09-29	42.433878	-70.58169	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2988	2285	2020-09-29	42.433442	-70.585358	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3980	3042	2020-09-29	42.433295	-70.586203	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3925	3001	2020-09-30	42.433912	-70.584042	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3457	2643	2020-09-30	42.43377	-70.584207	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3766	2879	2020-10-01	42.43457	-70.584622	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3408	2605	2020-10-01	42.433943	-70.584805	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4027	3079	2020-10-01	42.43338	-70.585265	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3840	2936	2020-10-02	42.43415	-70.584087	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1807	1382	2020-10-02	42.434638	-70.582558	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3770	2882	2020-10-03	42.434153	-70.584002	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3817	2918	2020-10-04	42.43427	-70.582527	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3802	2907	2020-10-04	42.43454	-70.581938	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3838	2934	2020-10-04	42.434655	-70.582773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3981	3043	2020-10-04	42.434282	-70.583257	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3281	2508	2020-10-05	42.433878	-70.580417	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1755	1342	2020-10-05	42.434722	-70.581462	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3943	3014	2020-10-06	42.434478	-70.581945	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3776	2887	2020-10-07	42.434412	-70.581067	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2804	2020-10-07	42.434973	-70.5816	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4089	3126	2020-10-08	42.43473	-70.58041	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4124	3153	2020-10-08	42.431552	-70.591117	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3397	2597	2020-10-08	42.43448	-70.581105	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3882	2968	2020-10-08	42.434803	-70.581625	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4033	3083	2020-10-08	42.431302	-70.591188	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3585	2741	2020-10-09	42.431243	-70.59227	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3880	2966	2020-10-10	42.431303	-70.589815	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3668	2804	2020-10-10	42.431323	-70.59208	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3950	3020	2020-10-11	42.431873	-70.590075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3282	2509	2020-10-11	42.43175	-70.590167	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3814	2916	2020-10-11	42.434137	-70.58071	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3983	3045	2020-10-12	42.431897	-70.590127	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3685	2817	2020-10-12	42.43186	-70.590773	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3614	2763	2020-10-12	42.431407	-70.589675	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3289	2515	2020-10-13	42.431388	-70.589588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3525	2695	2020-10-14	42.4322	-70.589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3143	2403	2020-10-14	42.4319	-70.589	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3614	2763	2020-10-15	42.432	-70.5895	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3288	2513	2020-10-15	42.4321	-70.5899	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3574	2733	2020-10-15	42.4326	-70.5868	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3696	2826	2020-10-16	42.4325	-70.5876	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3297	2521	2020-10-16	42.4324	-70.588	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2991	2286	2020-10-16	42.4329	-70.5874	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3901	2982	2020-10-17	42.433	-70.5875	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3455	2641	2020-10-17	42.4326	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3686	2818	2020-10-18	42.4324	-70.5873	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4214	3222	2020-10-18	42.4329	-70.5861	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3923	2999	2020-10-19	42.4326	-70.5859	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3339	2553	2020-10-19	42.4327	-70.5867	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3719	2843	2020-10-19	42.4328	-70.5865	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3074	2350	2020-10-20	42.4328	-70.5849	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3924	3000	2020-10-21	42.4331	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3512	2685	2020-10-21	42.433	-70.5856	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3829	2928	2020-10-22	42.4331	-70.5854	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	1709	1306	2020-10-23	42.4336	-70.5841	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4295	3284	2020-10-27	42.4331	-70.5852	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4226	3231	2020-10-28	42.4335	-70.5852	W912WJ-18-C-0010

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement	MBDS	3916	2994	2020-10-29	42.4335	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3696	2825	2020-10-29	42.4335	-70.5847	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3835	2932	2020-11-01	42.4342	-70.5837	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3940	3012	2020-11-04	42.4337	-70.5832	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3551	2714	2020-11-04	42.4338	-70.5836	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3737	2857	2020-11-05	42.434	-70.5833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4055	3100	2020-11-05	42.4337	-70.584	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3844	2939	2020-11-06	42.4341	-70.5818	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3859	2950	2020-11-06	42.4344	-70.5819	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3978	3041	2020-11-07	42.4338	-70.5825	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3729	2851	2020-11-07	42.4339	-70.5824	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	2879	2201	2020-11-09	42.434	-70.5806	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3941	3013	2020-11-10	42.4341	-70.5822	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4182	3197	2020-11-10	42.4322	-70.5866	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4055	3101	2020-11-11	42.43225	-70.586075	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3869	2958	2020-11-11	42.431648	-70.586497	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3997	3056	2020-11-11	42.432285	-70.586935	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4145	3169	2020-11-12	42.432447	-70.584812	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3885	2970	2020-11-12	42.432043	-70.585833	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3887	2972	2020-11-12	42.432507	-70.585397	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4012	3067	2020-11-13	42.432373	-70.585835	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3930	3005	2020-11-15	42.431847	-70.585772	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3987	3048	2020-11-15	42.432768	-70.584702	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4155	3177	2020-11-16	42.433237	-70.583103	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3933	3007	2020-11-17	42.432907	-70.583715	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4010	3066	2020-11-18	42.433138	-70.585327	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4001	3059	2020-11-18	42.432505	-70.584647	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3001	2294	2020-11-18	42.43335	-70.582592	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4094	3130	2020-11-19	42.433133	-70.583488	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3935	3009	2020-11-19	42.43312	-70.583725	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4108	3140	2020-11-20	42.433287	-70.583098	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4246	3246	2020-11-20	42.432912	-70.583348	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4188	3202	2020-11-20	42.431788	-70.586548	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3756	2871	2020-11-21	42.431915	-70.586877	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3992	3052	2020-11-21	42.431655	-70.586255	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3807	2911	2020-11-22	42.432045	-70.585863	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	4009	3065	2020-11-25	42.431857	-70.586655	W912WJ-18-C-0010
Boston Harbor Improvement	MBDS	3239	2476	2020-11-26	42.434122	-70.58178	W912WJ-18-C-0010
Brewer Hawthorne Cove Marina	MBDS	478	365	2021-01-26	42.421482	-70.588852	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	540	413	2021-01-26	42.418138	-70.577828	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	606	464	2021-01-27	42.419222	-70.57802	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	604	462	2021-01-28	42.419277	-70.57788	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	410	313	2021-01-31	42.420087	-70.57855	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	226	173	2021-02-05	42.418818	-70.576553	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	287	220	2021-02-05	42.42064	-70.577968	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	307	235	2021-02-06	42.419242	-70.577197	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	155	119	2021-02-06	42.419465	-70.575503	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	118	90	2021-02-07	42.41924	-70.576278	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	273	209	2021-02-07	42.418707	-70.573535	NAE-2011-00750
Brewer Hawthorne Cove Marina	MBDS	281	215	2021-02-09	42.420102	-70.578533	NAE-2011-00750
Boston Harbor Improvement Rock Removal	MBDS	2718	2078	2021-05-31	42.433387	-70.584072	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3033	2319	2021-06-01	42.4335	-70.5839	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	2430	1858	2021-06-02	42.4334	-70.5832	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3149	2407	2021-06-04	42.4335	-70.5834	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	4505	3444	2021-06-06	42.4334	-70.5837	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3265	2496	2021-06-07	42.4333	-70.5834	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	4154	3176	2021-06-09	42.4332	-70.5832	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	4248	3248	2021-06-11	42.4334	-70.5836	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	4227	3231	2021-06-13	42.4337	-70.5832	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	4772	3648	2021-06-14	42.4336	-70.5835	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	5215	3987	2021-06-15	42.4335	-70.5838	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3527	2696	2021-06-17	42.4334	-70.5833	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3373	2579	2021-06-21	42.4335	-70.5837	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	5250	4014	2021-06-21	42.4338	-70.5834	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3226	2466	2021-06-22	42.4334	-70.5836	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3349	2561	2021-06-24	42.4337	-70.583	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	1362	1041	2021-06-26	42.4333	-70.583	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	2064	1578	2021-06-27	42.433285	-70.584218	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	1622	1240	2021-06-28	42.433173	-70.583697	W912WJ-21-C-0006
Boston Harbor Improvement Rock Removal	MBDS	3996	3055	2021-06-29	42.4333	-70.5836	W912WJ-21-C-0006

INSPIRE ENVIRONMENTAL

Monitoring Survey at the Massachusetts Bay Disposal Site September 2023

Project Name	Target Site	Load Volume (yd^3)	Load Volume (m^3)	Placement Date	Placement Latitude	Placement Longitude	Permit Number
Boston Harbor Improvement Rock Removal	MBDS	2790	2133	2021-06-30	42.433173	-70.583697	W912WJ-21-C-0006

APPENDIX C - ACTUAL SPI/PV REPLICATE LOCATIONS

Area	Sample Type	Station ID	Replicate	Date	Time	X_MA_Mainland_SP_m	Y_MA_Mainland_SP_m	Latitude_NAD83_N	Longitude_NAD83_W	Depth (m)
Reference	SPI/PV	SE-REF_112	E	9/7/2023	15:28:08	285289.9	898412.98	42.3315511	-70.4651113	90.5
Reference	SPI/PV	SE-REF_112	F	9/7/2023	15:29:32	285291.68	898415.58	42.3315743	-70.4650893	90.5
Reference	SPI/PV	SE-REF_112	H	9/7/2023	15:31:52	285287.71	898424.1	42.3316514	-70.4651362	90.5
Reference	SPI/PV	SE-REF_111	A	9/7/2023	15:52:53	285134.17	898597.85	42.3332323	-70.4669735	91.1
Reference	SPI/PV	SE-REF_111	B	9/7/2023	15:54:06	285136.61	898604.64	42.3332931	-70.4669429	91.1
Reference	SPI/PV	SE-REF_111	D	9/7/2023	15:56:19	285141.5	898596.35	42.3332180	-70.4668848	91.1
Reference	SPI/PV	SE-REF_109	A	9/7/2023	16:08:40	285135.81	898804.88	42.3350958	-70.4669232	91.7
Reference	SPI/PV	SE-REF_109	B	9/7/2023	16:10:06	285134.42	898811.3	42.3351538	-70.4669391	91.7
Reference	SPI/PV	SE-REF_109	C	9/7/2023	16:11:23	285139.15	898810.87	42.3351494	-70.4668818	91.7
Reference	SPI/PV	SE-REF_109	D	9/7/2023	16:12:34	285144.47	898808.23	42.3351250	-70.4668176	91.7
Reference	SPI/PV	SE-REF_110	A	9/7/2023	16:19:27	285300.71	898790.49	42.3349483	-70.4649245	93.0
Reference	SPI/PV	SE-REF_110	B	9/7/2023	16:20:38	285303.24	898791.87	42.3349604	-70.4648936	93.0
Reference	SPI/PV	SE-REF_110	C	9/7/2023	16:21:44	285305.44	898793.93	42.3349787	-70.4648667	93.0
Reference	SPI/PV	MBD-REF_108	A	9/7/2023	17:03:06	282115.17	903377.22	42.3765804	-70.5029251	90.8
Reference	SPI/PV	MBD-REF_108	B	9/7/2023	17:04:26	282116.19	903379.87	42.3766041	-70.5029123	90.8
Reference	SPI/PV	MBD-REF_108	C	9/7/2023	17:05:55	282117.16	903382.21	42.3766251	-70.5029002	90.8
Reference	SPI/PV	MBD-REF_108	D	9/7/2023	17:07:09	282119.45	903385.42	42.3766537	-70.5028720	90.8
Reference	SPI/PV	MBD-REF_105	A	9/7/2023	17:15:16	281763.49	903462.46	42.3773846	-70.5071829	90.8
Reference	SPI/PV	MBD-REF_105	B	9/7/2023	17:16:32	281760.85	903464.37	42.3774021	-70.5072147	90.8
Reference	SPI/PV	MBD-REF_105	C	9/7/2023	17:17:55	281755.81	903466.6	42.3774227	-70.5072756	90.8
Reference	SPI/PV	MBD-REF_107	A	9/7/2023	17:27:49	281879.63	903701.7	42.3795261	-70.5057389	90.8
Reference	SPI/PV	MBD-REF_107	B	9/7/2023	17:29:05	281874.94	903694.35	42.3794604	-70.5057969	90.8
Reference	SPI/PV	MBD-REF_107	C	9/7/2023	17:30:32	281875.41	903698.19	42.3794950	-70.5057907	90.8
Reference	SPI/PV	MBD-REF_106	A	9/7/2023	17:39:04	282079.68	903751.17	42.3799504	-70.5033029	90.5
Reference	SPI/PV	MBD-REF_106	B	9/7/2023	17:40:26	282079.64	903756.02	42.3799941	-70.5033027	90.5
Reference	SPI/PV	MBD-REF_106	D	9/7/2023	17:43:04	282072.93	903753.37	42.3799709	-70.5033846	90.5
Reference	SPI/PV	FG-23_104	A	9/7/2023	18:36:17	276161.49	903375.36	42.3771674	-70.5752114	89.3
Reference	SPI/PV	FG-23_104	C	9/7/2023	18:39:24	276154.52	903379.24	42.3772030	-70.5752955	89.3
Reference	SPI/PV	FG-23_104	D	9/7/2023	18:41:07	276160.54	903383	42.3772363	-70.5752219	89.3
Reference	SPI/PV	FG-23_102	B	9/7/2023	18:50:55	276190.23	903598.78	42.3791759	-70.5748330	89.6
Reference	SPI/PV	FG-23_102	D	9/7/2023	18:53:36	276187.13	903602.52	42.3792099	-70.5748702	89.6
Reference	SPI/PV	FG-23_102	E	9/7/2023	18:55:12	276183.23	903602.44	42.3792095	-70.5749175	89.6
Reference	SPI/PV	FG-23_103	A	9/7/2023	19:03:54	276034.86	903500.81	42.3783091	-70.5767324	89.0
Reference	SPI/PV	FG-23_103	C	9/7/2023	19:06:42	276033.87	903503.86	42.3783367	-70.5767440	89.0
Reference	SPI/PV	FG-23_103	D	9/7/2023	19:08:08	276031.7	903508.65	42.3783800	-70.5767697	89.0
Reference	SPI/PV	FG-23_101	A	9/7/2023	19:15:08	276049.24	903703.41	42.3801316	-70.5765312	89.6
Reference	SPI/PV	FG-23_101	C	9/7/2023	19:17:56	276048.13	903694.78	42.3800540	-70.5765458	89.6
Reference	SPI/PV	FG-23_101	D	9/7/2023	19:19:17	276044.13	903698.61	42.3800888	-70.5765938	89.6
Mound I	SPI/PV	I_007	A	9/7/2023	19:58:07	275984.77	908064.35	42.4193958	-70.5767408	88.4

Area	Sample Type	Station ID	Replicate	Date	Time	X_MA_Mainland_SP_m	Y_MA_Mainland_SP_m	Latitude_NAD83_N	Longitude_NAD83_W	Depth (m)
Mound I	SPI/PV	I_007	B	9/7/2023	19:59:36	275982.8	908065.28	42.4194043	-70.5767646	88.4
Mound I	SPI/PV	I_007	D	9/7/2023	20:03:22	275975.48	908065.6	42.4194079	-70.5768535	88.4
Mound I	SPI/PV	I_008	A	9/7/2023	20:10:06	275895.47	908083.67	42.4195784	-70.5778232	83.5
Mound I	SPI/PV	I_008	B	9/7/2023	20:12:18	275895.56	908080.83	42.4195528	-70.5778225	83.5
Mound I	SPI/PV	I_008	C	9/7/2023	20:14:36	275897.89	908078.93	42.4195355	-70.5777944	83.5
Mound I	SPI/PV	I_008	D	9/7/2023	20:16:51	275900.37	908085.74	42.4195966	-70.5777634	83.5
Mound I	SPI/PV	I_009	A	9/7/2023	20:22:01	275832.37	908048.25	42.4192657	-70.5785945	88.1
Mound I	SPI/PV	I_009	B	9/7/2023	20:24:25	275840.34	908047.21	42.4192555	-70.5784978	88.1
Mound I	SPI/PV	I_009	C	9/7/2023	20:26:12	275836.35	908045.12	42.4192371	-70.5785466	88.1
Mound I	SPI/PV	I_009	D	9/7/2023	20:28:48	275838.29	908051.49	42.4192943	-70.5785221	88.1
Mound I	SPI/PV	I_010	A	9/7/2023	20:35:27	275884.76	908142	42.4201045	-70.5779457	84.7
Mound I	SPI/PV	I_010	B	9/7/2023	20:37:11	275883.63	908133.42	42.4200274	-70.5779605	84.7
Mound I	SPI/PV	I_010	C	9/7/2023	20:38:52	275887.4	908135.1	42.4200422	-70.5779145	84.7
Mound I	SPI/PV	I_010	D	9/7/2023	20:40:21	275878.75	908136.34	42.4200542	-70.5780194	84.7
Mound I	SPI/PV	I_006	A	9/7/2023	20:43:39	275940.51	908142.58	42.4201043	-70.5772682	86.9
Mound I	SPI/PV	I_006	B	9/7/2023	20:45:35	275939.16	908145.03	42.4201265	-70.5772843	86.9
Mound I	SPI/PV	I_006	C	9/7/2023	20:47:02	275946.49	908148.72	42.4201590	-70.5771948	86.9
Mound I	SPI/PV	I_006	D	9/7/2023	20:48:54	275947.45	908139.08	42.4200721	-70.5771844	86.9
Mound H	SPI/PV	H_005	A	9/7/2023	21:26:39	276028.16	909015.85	42.4279571	-70.5760884	89.0
Mound H	SPI/PV	H_005	B	9/7/2023	21:28:39	276026.49	909008.2	42.4278884	-70.5761097	89.0
Mound H	SPI/PV	H_005	C	9/7/2023	21:30:31	276028.93	909012.72	42.4279288	-70.5760794	89.0
Mound H	SPI/PV	H_005	D	9/7/2023	21:33:24	276020.91	909012.16	42.4279246	-70.5761770	89.0
Mound H	SPI/PV	H_004	A	9/7/2023	21:37:14	276094.1	909048.75	42.4282468	-70.5752828	89.6
Mound H	SPI/PV	H_004	B	9/7/2023	21:39:36	276095.08	909054.92	42.4283023	-70.5752701	89.6
Mound H	SPI/PV	H_004	C	9/7/2023	21:41:21	276091	909049.97	42.4282581	-70.5753203	89.6
Mound H	SPI/PV	H_004	D	9/7/2023	21:43:04	276098.54	909051.84	42.4282742	-70.5752284	89.6
Mound H	SPI/PV	H_003	A	9/7/2023	21:47:16	276098.55	909121.39	42.4289003	-70.5752191	88.7
Mound H	SPI/PV	H_003	B	9/7/2023	21:48:54	276098.69	909114.83	42.4288412	-70.5752183	88.7
Mound H	SPI/PV	H_003	C	9/7/2023	21:50:41	276102.87	909118.6	42.4288747	-70.5751670	88.7
Mound H	SPI/PV	H_002	A	9/7/2023	21:56:52	276044.82	909160.59	42.4292584	-70.5758669	88.1
Mound H	SPI/PV	H_002	B	9/7/2023	21:58:25	276050.33	909161.11	42.4292626	-70.5757999	88.1
Mound H	SPI/PV	H_002	C	9/7/2023	22:00:07	276047.31	909154.42	42.4292026	-70.5758374	88.1
Mound H	SPI/PV	H_002	D	9/7/2023	22:02:17	276049.26	909157.86	42.4292334	-70.5758133	88.1
Mound H	SPI/PV	H_001	A	9/7/2023	22:09:33	276012.26	909098.35	42.4287013	-70.5762707	86.0
Mound H	SPI/PV	H_001	C	9/7/2023	22:13:13	276018.49	909105.07	42.4287612	-70.5761941	86.0
Mound H	SPI/PV	H_001	D	9/7/2023	22:14:47	276021.59	909100.44	42.4287192	-70.5761571	86.0

APPENDIX D - SEDIMENT PROFILE IMAGE ANALYSIS RESULTS

Notes:

IND=Indeterminate

N/A=Not Applicable

SWI=Sediment–water interface

1Successional Stage: “on” indicates one Stage is found on top of another Stage (i.e., 1 on 3); “->” indicates one Stage is progressing to another Stage (i.e., 2 -> 3).

Area	Station ID	Replicate	Water Depth (m)	Date	Time	Stop Collar Setting (in)	Weights per Side (#)	Image Width (cm)	Grain Size Major Mode (phi)	Grain Size Minimum (phi)	Grain Size Maximum (phi)	Grain Size Range (phi)	Penetration Mean (cm)	Penetration Minimum (cm)	Penetration Maximum (cm)	Over-penetration?
Reference	FG-23_101	A	89.6	9/7/2023	19:15:29	12	0	14.57	>4	>4	4	>4 to 4	13.19	12.83	13.70	No
Reference	FG-23_101	C	89.6	9/7/2023	19:18:15	12	0	14.57	>4	>4	4	>4 to 4	9.97	9.57	10.42	No
Reference	FG-23_101	D	89.6	9/7/2023	19:19:36	12	0	14.57	>4	>4	3	>4 to 3	11.11	10.58	11.52	No
Reference	FG-23_102	B	89.6	9/7/2023	18:51:15	12	0	14.57	>4	>4	4	>4 to 4	12.58	11.76	13.53	No
Reference	FG-23_102	D	89.6	9/7/2023	18:53:56	12	0	14.57	>4	>4	4	>4 to 4	12.59	12.03	13.09	No
Reference	FG-23_102	E	89.6	9/7/2023	18:55:31	12	0	14.57	>4	>4	3	>4 to 3	11.07	10.51	11.54	No
Reference	FG-23_103	A	89.0	9/7/2023	19:04:14	12	0	14.57	>4	>4	4	>4 to 4	12.09	11.22	12.49	No
Reference	FG-23_103	C	89.0	9/7/2023	19:07:02	12	0	14.57	>4	>4	4	>4 to 4	10.60	10.18	10.94	No
Reference	FG-23_103	D	89.0	9/7/2023	19:08:28	12	0	14.57	>4	>4	4	>4 to 4	12.03	11.49	12.73	No
Reference	FG-23_104	A	89.3	9/7/2023	18:36:32	12	0	14.57	>4	>4	4	>4 to 4	12.00	11.68	12.37	No
Reference	FG-23_104	C	89.3	9/7/2023	18:39:43	12	0	14.57	>4	>4	4	>4 to 4	13.35	12.75	13.80	No
Reference	FG-23_104	D	89.3	9/7/2023	18:41:27	12	0	14.57	>4	>4	2	>4 to 2	11.38	10.50	11.83	No
Mound H	H_001	A	86.0	9/7/2023	22:09:51	14	0	14.57	>4	>4	3	>4 to 3	7.29	6.90	7.73	No
Mound H	H_001	C	86.0	9/7/2023	22:13:27	14	0	14.57	>4	>4	2	>4 to 2	15.50	13.64	16.25	No
Mound H	H_001	D	86.0	9/7/2023	22:15:06	14	0	14.57	>4	>4	2	>4 to 2	11.65	10.26	13.61	No
Mound H	H_002	B	88.1	9/7/2023	21:58:45	14	0	14.57	>4	>4	2	>4 to 2	11.48	11.15	12.10	No
Mound H	H_002	C	88.1	9/7/2023	22:00:26	14	0	14.57	>4	>4	-2	>4 to -2	9.65	9.19	10.13	No
Mound H	H_002	D	88.1	9/7/2023	22:02:36	14	0	14.57	>4	>4	1	>4 to 1	11.22	10.19	11.56	No
Mound H	H_003	A	88.7	9/7/2023	21:47:34	14	0	14.57	>4	>4	2	>4 to 2	12.29	11.73	13.26	No
Mound H	H_003	B	88.7	9/7/2023	21:49:14	14	0	14.57	>4	>4	2	>4 to 2	7.51	7.07	8.00	No
Mound H	H_003	C	88.7	9/7/2023	21:50:59	14	0	14.57	>4	>4	2	>4 to 2	11.44	10.69	12.22	No
Mound H	H_004	A	89.6	9/7/2023	21:37:33	14	0	14.57	>4	>4	3	>4 to 3	9.49	8.99	10.06	No
Mound H	H_004	B	89.6	9/7/2023	21:39:56	14	0	14.57	>4	>4	1	>4 to 1	13.36	12.82	13.83	No
Mound H	H_004	C	89.6	9/7/2023	21:41:41	14	0	14.57	>4	>4	2	>4 to 2	15.53	14.85	16.18	No
Mound H	H_005	A	89.0	9/7/2023	21:26:57	14	0	14.57	>4	>4	2	>4 to 2	3.75	3.43	4.26	No
Mound H	H_005	B	89.0	9/7/2023	21:28:59	14	0	14.57	>4	>4	3	>4 to 3	14.18	13.86	14.60	No

Area	Station ID	Replicate	Water Depth (m)	Date	Time	Stop Collar Setting (in)	Weights per Side (#)	Image Width (cm)	Grain Size Major Mode (phi)	Grain Size Minimum (phi)	Grain Size Maximum (phi)	Grain Size Range (phi)	Penetration Mean (cm)	Penetration Minimum (cm)	Penetration Maximum (cm)	Over-penetration?
Mound H	H_005	C	89.0	9/7/2023	21:30:50	14	0	14.57	>4	>4	0	>4 to 0	9.72	9.45	9.94	No
Mound I	I_006	A	86.9	9/7/2023	20:43:56	12	0	14.57	>4	>4	2	>4 to 2	6.35	5.54	7.12	No
Mound I	I_006	C	86.9	9/7/2023	20:47:23	12	0	14.57	>4	>4	1	>4 to 1	7.77	7.22	8.55	No
Mound I	I_006	D	86.9	9/7/2023	20:49:14	12	0	14.57	>4	>4	0	>4 to 0	5.28	4.52	6.11	No
Mound I	I_007	A	88.4	9/7/2023	19:58:25	12	0	14.57	>4	>4	0	>4 to 0	8.99	7.91	9.84	No
Mound I	I_007	B	88.4	9/7/2023	19:59:56	12	0	14.57	>4	>4	-2	>4 to -2	8.67	8.38	8.97	No
Mound I	I_007	D	88.4	9/7/2023	20:03:42	12	0	14.57	>4	>4	0	>4 to 0	10.04	9.35	10.84	No
Mound I	I_008	B	83.5	9/7/2023	20:12:38	12	0	14.57	>4	>4	1	>4 to 1	7.77	7.36	8.21	No
Mound I	I_008	C	83.5	9/7/2023	20:14:57	12	0	14.57	>4	>4	2	>4 to 2	8.74	8.34	9.14	No
Mound I	I_008	D	83.5	9/7/2023	20:17:08	12	0	14.57	>4	>4	2	>4 to 2	9.88	9.49	10.35	No
Mound I	I_009	A	88.1	9/7/2023	20:22:20	12	0	14.57	>4	>4	0	>4 to 0	8.49	7.38	10.04	No
Mound I	I_009	B	88.1	9/7/2023	20:24:45	12	0	14.57	>4	>4	0	>4 to 0	7.85	6.86	9.14	No
Mound I	I_009	C	88.1	9/7/2023	20:26:32	12	0	14.57	>4	>4	0	>4 to 0	9.47	8.39	10.33	No
Mound I	I_010	B	84.7	9/7/2023	20:37:31	12	0	14.57	>4	>4	0	>4 to 0	7.37	6.10	8.46	No
Mound I	I_010	C	84.7	9/7/2023	20:39:13	12	0	14.57	>4	>4	0	>4 to 0	7.40	6.83	8.53	No
Mound I	I_010	D	84.7	9/7/2023	20:40:39	12	0	14.57	>4	>4	2	>4 to 2	8.51	4.78	10.35	No
Reference	MBD-REF_105	A	90.8	9/7/2023	17:15:33	12	0	14.57	>4	>4	2	>4 to 2	13.32	11.82	13.92	No
Reference	MBD-REF_105	B	90.8	9/7/2023	17:16:51	12	0	14.57	>4	>4	3	>4 to 3	11.60	11.42	11.86	No
Reference	MBD-REF_105	C	90.8	9/7/2023	17:18:14	12	0	14.57	>4	>4	3	>4 to 3	10.45	9.77	10.89	No
Reference	MBD-REF_106	A	90.5	9/7/2023	17:39:20	12	0	14.57	>4	>4	1	>4 to 1	12.52	10.44	13.73	No
Reference	MBD-REF_106	B	90.5	9/7/2023	17:40:46	12	0	14.57	>4	>4	2	>4 to 2	12.37	12.21	12.87	No
Reference	MBD-REF_106	D	90.5	9/7/2023	17:43:24	12	0	14.57	>4	>4	2	>4 to 2	11.44	11.17	11.78	No
Reference	MBD-REF_107	A	90.8	9/7/2023	17:28:05	12	0	14.57	>4	>4	1	>4 to 1	17.76	17.54	18.07	No
Reference	MBD-REF_107	B	90.8	9/7/2023	17:29:24	12	0	14.57	>4	>4	3	>4 to 3	12.84	11.92	13.34	No
Reference	MBD-REF_107	C	90.8	9/7/2023	17:30:48	12	0	14.57	>4	>4	1	>4 to 1	12.33	12.05	12.59	No
Reference	MBD-REF_108	A	90.8	9/7/2023	17:03:19	12	0	14.57	>4	>4	1	>4 to 1	12.64	12.36	13.12	No
Reference	MBD-REF_108	B	90.8	9/7/2023	17:04:44	12	0	14.57	>4	>4	1	>4 to 1	13.19	12.69	13.83	No
Reference	MBD-REF_108	C	90.8	9/7/2023	17:06:15	12	0	14.57	>4	>4	2	>4 to 2	11.93	11.49	12.95	No
Reference	SE-REF_109	A	91.7	9/7/2023	16:08:58	12	0	14.57	>4	>4	1	>4 to 1	10.96	10.48	11.49	No
Reference	SE-REF_109	B	91.7	9/7/2023	16:10:24	12	0	14.57	>4	>4	2	>4 to 2	15.16	14.80	15.55	No
Reference	SE-REF_109	D	91.7	9/7/2023	16:12:52	12	0	14.57	>4	>4	2	>4 to 2	13.80	13.54	14.16	No

Area	Station ID	Replicate	Water Depth (m)	Date	Time	Stop Collar Setting (in)	Weights per Side (#)	Image Width (cm)	Grain Size Major Mode (phi)	Grain Size Minimum (phi)	Grain Size Maximum (phi)	Grain Size Range (phi)	Penetration Mean (cm)	Penetration Minimum (cm)	Penetration Maximum (cm)	Over-penetration?
Reference	SE-REF_110	A	93.0	9/7/2023	16:19:46	12	0	14.57	>4	>4	2	>4 to 2	11.16	10.83	11.59	No
Reference	SE-REF_110	B	93.0	9/7/2023	16:20:55	12	0	14.57	>4	>4	1	>4 to 1	10.84	10.62	11.10	No
Reference	SE-REF_110	C	93.0	9/7/2023	16:22:02	12	0	14.57	>4	>4	1	>4 to 1	12.20	11.91	12.54	No
Reference	SE-REF_111	A	91.1	9/7/2023	15:53:06	12	0	14.57	>4	>4	0	>4 to 0	14.99	14.64	15.48	No
Reference	SE-REF_111	B	91.1	9/7/2023	15:54:19	12	0	14.57	>4	>4	2	>4 to 2	13.06	12.51	13.80	No
Reference	SE-REF_111	D	91.1	9/7/2023	15:56:34	12	0	14.57	>4	>4	1	>4 to 1	13.57	12.99	14.38	No
Reference	SE-REF_112	E	90.5	9/7/2023	15:28:21	14	0	14.57	>4	>4	3	>4 to 3	17.50	16.78	18.07	No
Reference	SE-REF_112	F	90.5	9/7/2023	15:29:48	14	0	14.57	>4	>4	1	>4 to 1	16.92	16.59	17.61	No
Reference	SE-REF_112	H	90.5	9/7/2023	15:32:11	14	0	14.57	>4	>4	1	>4 to 1	17.90	17.66	18.32	No

Area	Station ID	Replicate	Boundary Roughness (cm)	Boundary Roughness Type	aRPD Mean (cm)	aRPD > Pen	Beggiatoa Present?	Beggiatoa Type/ Extent	Dredged Material Present?	Dredged Material Layer Mean Thickness (cm)	Dredged Material Layer Minimum Thickness (cm)	Dredged Material Layer Maximum Thickness (cm)	Buried Dredged Material?	Mean Dredged Material Depth (cm)	Dredged Material > Pen
Reference	FG-23_101	A	0.87	Biological	1.34	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_101	C	0.85	Biological	0.60	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_101	D	0.94	Biological	1.44	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_102	B	1.77	Biological	1.78	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_102	D	1.06	Biological	1.82	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_102	E	1.03	Biological	1.41	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_103	A	1.27	Biological	1.96	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_103	C	0.76	Biological	2.05	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_103	D	1.24	Physical/ Biological	1.82	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_104	A	0.69	Biological	1.56	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_104	C	1.05	Biological	3.01	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	FG-23_104	D	1.33	Biological	2.59	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Mound H	H_001	A	0.83	Biological	1.22	No	No	None	Yes	4.29	3.17	5.36	Yes	3.00	Yes
Mound H	H_001	C	2.61	Physical/ Biological	IND	No	No	None	Yes	14.31	11.85	15.46	Yes	1.19	Yes
Mound H	H_001	D	3.35	Physical	IND	No	No	None	Yes	10.26	7.91	12.35	Yes	1.39	Yes
Mound H	H_002	B	0.95	Biological	1.89	No	No	None	Yes	7.94	6.78	9.64	Yes	3.54	Yes
Mound H	H_002	C	0.94	Biological	0.94	No	No	None	Yes	7.61	6.80	8.62	Yes	2.04	Yes
Mound H	H_002	D	1.37	Biological	2.49	No	No	None	Yes	7.86	7.11	8.62	Yes	3.36	Yes
Mound H	H_003	A	1.53	Biological	1.81	No	No	None	Yes	9.79	9.14	10.77	Yes	2.50	Yes
Mound H	H_003	B	0.92	Biological	0.93	No	No	None	Yes	6.21	5.25	6.81	Yes	1.32	Yes
Mound H	H_003	C	1.53	Biological	1.42	No	No	None	Yes	8.35	6.73	9.38	Yes	3.09	Yes
Mound H	H_004	A	1.07	Biological	1.34	No	No	None	Yes	6.98	5.57	7.58	Yes	2.51	Yes
Mound H	H_004	B	1.01	Biological	1.02	No	No	None	Yes	10.63	9.97	11.93	Yes	2.73	Yes
Mound H	H_004	C	1.33	Biological	0.42	No	No	None	Yes	14.10	13.11	14.95	Yes	1.43	Yes
Mound H	H_005	A	0.83	Biological	0.60	No	No	None	Yes	1.87	0.17	2.99	Yes	1.88	Yes
Mound H	H_005	B	0.74	Biological	1.71	No	No	None	Yes	11.51	10.21	12.02	Yes	2.67	Yes

Area	Station ID	Replicate	Boundary Roughness (cm)	Boundary Roughness Type	aRPD Mean (cm)	aRPD > Pen	Beggiatoa Present?	Beggiatoa Type/ Extent	Dredged Material Present?	Dredged Material Layer Mean Thickness (cm)	Dredged Material Layer Minimum Thickness (cm)	Dredged Material Layer Maximum Thickness (cm)	Buried Dredged Material?	Mean Dredged Material Depth (cm)	Dredged Material > Pen
Mound H	H_005	C	0.49	Biological	1.51	No	No	None	Yes	6.83	5.66	8.16	Yes	2.89	Yes
Mound I	I_006	A	1.58	Physical/ Biological	1.28	No	No	None	Yes	4.50	0.81	5.73	Yes	1.85	Yes
Mound I	I_006	C	1.34	Physical/ Biological	2.04	No	No	None	Yes	5.13	4.77	6.55	Yes	2.64	Yes
Mound I	I_006	D	1.58	Physical/ Biological	1.08	No	No	None	Yes	3.55	2.30	5.12	Yes	1.74	Yes
Mound I	I_007	A	1.94	Physical/ Biological	1.49	No	No	None	Yes	6.65	5.42	7.26	Yes	2.35	Yes
Mound I	I_007	B	0.59	Biological	1.15	No	No	None	Yes	6.84	6.11	7.58	Yes	1.85	Yes
Mound I	I_007	D	1.49	Physical/ Biological	1.73	No	No	None	Yes	6.08	4.37	7.63	Yes	3.96	Yes
Mound I	I_008	B	0.85	Physical/ Biological	2.72	No	No	None	Yes	3.35	2.01	4.42	Yes	4.42	Yes
Mound I	I_008	C	0.80	Physical/ Biological	1.02	No	No	None	Yes	6.41	5.64	7.50	Yes	2.32	Yes
Mound I	I_008	D	0.86	Biological	2.55	No	No	None	Yes	4.68	3.26	6.60	Yes	4.68	Yes
Mound I	I_009	A	2.65	Physical/ Biological	2.54	No	No	None	Trace	0.00	0.00	0.00	Yes	IND	No
Mound I	I_009	B	2.28	Physical/ Biological	3.03	No	No	None	Yes	2.87	0.00	4.94	Yes	4.98	Yes
Mound I	I_009	C	1.93	Biological	1.75	No	No	None	Yes	3.59	2.51	4.96	Yes	5.88	Yes
Mound I	I_010	B	2.36	Physical/ Biological	0.27	No	No	None	Yes	7.37	6.10	8.46	No	0.00	Yes
Mound I	I_010	C	1.70	Biological	2.78	No	No	None	Yes	2.70	0.64	3.50	Yes	4.71	Yes
Mound I	I_010	D	5.57	Physical	1.46	No	No	None	Yes	5.08	3.00	7.78	Yes	3.44	Yes
Reference	MBD-REF_105	A	2.10	Biological	2.74	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_105	B	0.44	Biological	2.33	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_105	C	1.11	Biological	0.81	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_106	A	3.28	Biological	IND	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_106	B	0.66	Biological	1.11	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_106	D	0.61	Biological	2.24	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_107	A	0.54	Physical/ Biological	2.03	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_107	B	1.42	Physical/ Biological	2.60	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_107	C	0.54	Physical/ Biological	2.61	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_108	A	0.76	Biological	2.91	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_108	B	1.13	Biological	2.44	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	MBD-REF_108	C	1.46	Biological	2.70	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_109	A	1.01	Biological	1.31	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_109	B	0.75	Biological	2.62	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_109	D	0.62	Physical/ Biological	1.08	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A

Area	Station ID	Replicate	Boundary Roughness (cm)	Boundary Roughness Type	aRPD Mean (cm)	aRPD > Pen	Beggiatoa Present?	Beggiatoa Type/ Extent	Dredged Material Present?	Dredged Material Layer Mean Thickness (cm)	Dredged Material Layer Minimum Thickness (cm)	Dredged Material Layer Maximum Thickness (cm)	Buried Dredged Material?	Mean Dredged Material Depth (cm)	Dredged Material > Pen
Reference	SE-REF_110	A	0.76	Biological	2.04	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_110	B	0.49	Biological	2.69	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_110	C	0.63	Biological	2.29	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_111	A	0.84	Biological	1.39	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_111	B	1.29	Physical/ Biological	0.91	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_111	D	1.40	Physical/ Biological	0.88	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_112	E	1.29	Biological	3.03	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_112	F	1.03	Biological	1.90	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A
Reference	SE-REF_112	H	0.66	Biological	3.50	No	No	None	No	N/A	N/A	N/A	N/A	N/A	N/A

Area	Station ID	Replicate	Dredged Material Notes	Methane Present?	Low DO Present?	Sediment Oxygen Demand	Voids Present?	Maximum Bioturbation Depth (cm)	Successional Stage[1]	Comment
Reference	FG-23_101	A		No	No	Medium	Yes	13.29	2 on 3	
Reference	FG-23_101	C		No	No	Low	Yes	9.40	2 on 3	
Reference	FG-23_101	D		No	No	Medium	Yes	8.81	2 on 3	
Reference	FG-23_102	B		No	No	Medium	Yes	4.32	2 on 3	
Reference	FG-23_102	D		No	No	Medium	Yes	10.68	2 on 3	
Reference	FG-23_102	E		No	No	Medium	No	9.60	2	
Reference	FG-23_103	A		No	No	Medium	No	7.48	2	
Reference	FG-23_103	C		No	No	Medium	No	8.22	2 -> 3	
Reference	FG-23_103	D		No	No	Medium	Yes	9.57	2 on 3	
Reference	FG-23_104	A		No	No	Medium	Yes	5.04	2 on 3	
Reference	FG-23_104	C		No	No	Medium	Yes	10.07	2 on 3	
Reference	FG-23_104	D		No	No	Medium	Yes	11.09	2 on 3	
Mound H	H_001	A	White clay in both small clasts within sediment column and a distinct layer extending beyond penetration with intermixed dark mud.	No	No	Medium	Yes	6.25	2 on 3	
Mound H	H_001	C	White clay intermixed with sand near to sediment surface extending all the way to penetration, with some more distinct clasts near maximum penetration depth.	No	No	Medium	Yes	13.69	2 on 3	
Mound H	H_001	D	White clay and dark mud intermixed with sand near to sediment surface extending all the way to penetration, with some more distinct clasts near maximum penetration depth.	No	No	Medium	Yes	12.33	2 on 3	
Mound H	H_002	B	White clay clasts and dark mud extending beyond prism penetration.	No	No	Medium	Yes	11.06	2 on 3	
Mound H	H_002	C	White clay clasts and intermixed dark mud extending beyond prism penetration.	No	No	Medium	Yes	8.57	2 on 3	
Mound H	H_002	D	White clay clasts and intermixed dark mud extending beyond prism penetration.	No	No	Medium	Yes	7.52	2 on 3	
Mound H	H_003	A	Small patches of white clay intermixed with dark mud.	No	No	Medium	No	10.75	2	
Mound H	H_003	B	Some dark mud overlaying a thick layer of white clay extending beyond prism penetration.	No	No	Medium	No	3.66	2	
Mound H	H_003	C	White clay clasts with intermixed dark mud extending beyond prism penetration.	No	No	Medium	Yes	11.80	2 on 3	
Mound H	H_004	A	Small patches of white clay intermixed with dark mud.	No	No	Medium	Yes	9.15	2 on 3	
Mound H	H_004	B	White clay in both small clasts intermixed with white clay and a distinct layer of white clay extending beyond penetration.	No	No	Medium	Yes	13.23	2 on 3	
Mound H	H_004	C	White clay in both small clasts intermixed with white clay and a distinct layer of white clay extending beyond penetration.	No	No	Medium	Yes	12.79	2 on 3	
Mound H	H_005	A	Dark mud with a clast of white clay visible just at bottom of image. Low prism penetration obscures further visibility.	No	No	Medium	Yes	3.93	2 on 3	
Mound H	H_005	B	Thin layer of dark mud overlaying a layer of white clay extending beyond prism penetration.	No	No	Medium	Yes	13.58	2 on 3	

Area	Station ID	Replicate	Dredged Material Notes	Methane Present?	Low DO Present?	Sediment Oxygen Demand	Voids Present?	Maximum Bioturbation Depth (cm)	Successional Stage[1]	Comment
Mound H	H_005	C	Small patches of white clay intermixed with layer of dark mud.	No	No	Medium	Yes	9.22	2 on 3	
Mound I	I_006	A	Layer of white clay with intermixed dark mud extending beyond prism penetration.	No	No	Medium	Yes	5.98	2 on 3	
Mound I	I_006	C	Dark mud with intermixed white clay.	No	No	Medium	No	7.18	2 on 3	
Mound I	I_006	D	Dark mud with intermixed white clay.	No	No	Medium	No	2.75	2	
Mound I	I_007	A	Dark mud overlaying white clay that appears to be in layer near prism penetration maximum.	No	No	Medium	No	6.38	2	
Mound I	I_007	B	White clay clasts and dark mud intermixed with white clay extending beyond prism penetration.	No	No	Medium	No	6.35	2 -> 3	
Mound I	I_007	D	White clay clasts and dark mud intermixed with white clay extending beyond prism penetration.	No	No	Medium	Yes	9.50	2 on 3	
Mound I	I_008	B	Dark mud and trace white clay.	No	No	Medium	Yes	5.62	2 on 3	
Mound I	I_008	C	Dark mud underlaying silt/sand.	No	No	Medium	No	8.45	2 -> 3	
Mound I	I_008	D	Layer of dark mud overlaying a clast of white clay visible just at bottom of image.	No	No	Medium	Yes	9.80	2 on 3	
Mound I	I_009	A	Trace white clay and dark mud heavily reworked in to sediment.	No	No	Medium	No	8.07	2 on 3	
Mound I	I_009	B	Dark mud and white clay heavily reworked into sediment.	No	No	Medium	Yes	6.95	2 on 3	
Mound I	I_009	C	Dark mud and trace white clay heavily reworked into sediment.	No	No	Medium	No	6.43	2 -> 3	
Mound I	I_010	B	Dark mud to SWI.	No	No	Medium	Yes	5.79	2 on 3	
Mound I	I_010	C	Patches of dark mud at bottom edge of prism penetration.	No	No	Medium	No	6.73	2 on 3	
Mound I	I_010	D	Dark mud underlying silt/sand.	No	No	Medium	Yes	7.50	2 on 3	
Reference	MBD-REF_105	A		No	No	Medium	Yes	9.52	2 on 3	
Reference	MBD-REF_105	B		No	No	Medium	Yes	10.11	2 on 3	
Reference	MBD-REF_105	C		No	No	Medium	Yes	10.01	2 on 3	
Reference	MBD-REF_106	A		No	No	Medium	Yes	11.17	2 on 3	
Reference	MBD-REF_106	B		No	No	Low	Yes	8.13	2 on 3	
Reference	MBD-REF_106	D		No	No	Medium	Yes	10.65	2 on 3	
Reference	MBD-REF_107	A		No	No	Low	Yes	14.71	2 on 3	
Reference	MBD-REF_107	B		No	No	Medium	Yes	11.85	2 on 3	
Reference	MBD-REF_107	C		No	No	Low	Yes	11.70	2 on 3	
Reference	MBD-REF_108	A		No	No	Medium	Yes	8.87	2 on 3	
Reference	MBD-REF_108	B		No	No	Medium	Yes	12.55	2 on 3	
Reference	MBD-REF_108	C		No	No	Medium	Yes	10.35	2 on 3	
Reference	SE-REF_109	A		No	No	Medium	Yes	9.13	2 on 3	
Reference	SE-REF_109	B		No	No	Medium	Yes	10.19	2 on 3	
Reference	SE-REF_109	D		No	No	Medium	No	8.25	2	

Area	Station ID	Replicate	Dredged Material Notes	Methane Present?	Low DO Present?	Sediment Oxygen Demand	Voids Present?	Maximum Bioturbation Depth (cm)	Successional Stage[1]	Comment
Reference	SE-REF_110	A		No	No	Medium	No	9.44	2 -> 3	
Reference	SE-REF_110	B		No	No	Low	No	1.43	2	
Reference	SE-REF_110	C		No	No	Medium	No	8.13	2	
Reference	SE-REF_111	A		No	No	Medium	Yes	14.37	2 on 3	
Reference	SE-REF_111	B		No	No	Low	Yes	9.66	2 on 3	
Reference	SE-REF_111	D		No	No	Medium	Yes	9.56	2 on 3	
Reference	SE-REF_112	E		No	No	Medium	Yes	15.65	2 on 3	
Reference	SE-REF_112	F		No	No	Low	Yes	5.90	2 on 3	
Reference	SE-REF_112	H		No	No	Low	Yes	17.88	2 on 3	

APPENDIX E - PLAN VIEW IMAGE ANALYSIS RESULTS

Notes:

IND=Indeterminate

Area	Station ID	Replicate	Water Depth (m)	Date	Time	Image Width (cm)	Image Height (cm)	Field of View (m2)	Sediment Type	Surface Oxidation	Bedforms	Beggiatoa Present?	Beggiatoa Type/Extent	Dredged Material Present?	Dredged Material Notes	Debris
Reference	FG-23_101	A	89.6	9/7/2023	19:15:06	70.11	46.74	0.33	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_101	D	89.6	9/7/2023	19:19:14	74.46	49.64	0.37	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_102	B	89.6	9/7/2023	18:50:51	75.99	50.66	0.38	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_103	A	89.0	9/7/2023	19:03:50	79.27	52.85	0.42	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_103	D	89.0	9/7/2023	19:08:05	72.66	48.44	0.35	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_104	A	89.3	9/7/2023	18:36:10	72.29	48.19	0.35	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_104	C	89.3	9/7/2023	18:39:21	71.46	47.64	0.34	Sand or finer	Oxidized	None	No	None	No		None
Reference	FG-23_104	D	89.3	9/7/2023	18:41:05	78.75	52.50	0.41	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_001	A	86.0	9/7/2023	22:09:29	81.63	54.42	0.44	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_002	A	88.1	9/7/2023	21:56:49	77.11	51.41	0.40	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_002	C	88.1	9/7/2023	22:00:05	72.22	48.15	0.35	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_003	A	88.7	9/7/2023	21:47:13	69.77	46.51	0.32	Sand or finer	Oxidized	None	No	None	Yes	Clasts of white clay on sediment surface.	None
Mound H	H_003	B	88.7	9/7/2023	21:48:52	72.46	48.30	0.35	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_004	A	89.6	9/7/2023	21:37:11	95.53	63.69	0.61	Sand or finer	Oxidized	None	No	None	Yes	Clasts of white clay on sediment surface.	None
Mound H	H_004	C	89.6	9/7/2023	21:41:19	87.30	58.20	0.51	Sand or finer	Oxidized	None	No	None	Yes	Some white clay intermixed with surficial sediment near opening of burrow, likely excavated from depth.	None
Mound H	H_004	D	89.6	9/7/2023	21:43:03	IND	IND	IND	Sand or finer	Oxidized	None	No	None	Yes	Some white clay intermixed with surficial sediment near opening of burrow, likely excavated from depth.	None
Mound H	H_005	A	89.0	9/7/2023	21:26:37	73.76	49.17	0.36	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_005	B	89.0	9/7/2023	21:28:38	68.94	45.96	0.32	Sand or finer	Oxidized	None	No	None	No		None
Mound H	H_005	D	89.0	9/7/2023	21:33:24	73.03	48.69	0.36	Sand or finer	Oxidized	None	No	None	No		None
Mound I	I_006	A	86.9	9/7/2023	20:43:35	80.45	53.64	0.43	Sand or finer	Oxidized	None	No	None	Yes	Trace signature of white clay near bottom-left corner of image.	None
Mound I	I_006	B	86.9	9/7/2023	20:45:33	82.85	55.23	0.46	Sand or finer	Oxidized	None	No	None	Yes	Clasts of white clay on sediment surface.	None
Mound I	I_006	D	86.9	9/7/2023	20:48:52	75.22	50.14	0.38	Sand or finer	Oxidized	None	No	None	Yes	Mussel shell fragments at sediment surface.	Shell fragments
Mound I	I_007	A	88.4	9/7/2023	19:58:05	71.14	47.42	0.34	Sand or finer	Oxidized	None	No	None	No		None
Mound I	I_007	D	88.4	9/7/2023	20:03:20	72.22	48.15	0.35	Sand or finer	Oxidized	None	No	None	No		None
Mound I	I_008	A	83.5	9/7/2023	20:10:03	77.57	51.72	0.40	Sand or finer	Oxidized	None	No	None	No		Shell fragments
Mound I	I_008	B	83.5	9/7/2023	20:12:16	82.76	55.17	0.46	Sand or finer	Oxidized	None	No	None	Yes	Mussel shell fragments at sediment surface.	Shell fragments
Mound I	I_008	D	83.5	9/7/2023	20:16:46	72.09	48.06	0.35	Sand or finer	Oxidized	None	No	None	Yes	Mussel shell fragments at sediment surface.	Shell fragments
Mound I	I_009	A	88.1	9/7/2023	20:21:58	78.99	52.66	0.42	Sand or finer	Oxidized	None	No	None	No		None
Mound I	I_009	D	88.1	9/7/2023	20:28:47	74.36	49.57	0.37	Sand or finer	Oxidized	None	No	None	No		None
Mound I	I_010	A	84.7	9/7/2023	20:35:24	82.11	54.74	0.45	Sand or finer	Oxidized	None	No	None	Yes	Mussel shell fragments at sediment surface.	Shell fragments
Mound I	I_010	B	84.7	9/7/2023	20:37:09	84.19	56.13	0.47	Sand or finer	Oxidized	None	No	None	Yes	Mussel shell fragments at sediment surface.	Shell fragments
Reference	MBD-REF_105	A	90.8	9/7/2023	17:15:15	75.40	50.27	0.38	Sand or finer	Oxidized	None	No	None	No		None
Reference	MBD-REF_106	A	90.5	9/7/2023	17:39:02	67.71	45.14	0.31	Sand or finer	Oxidized	None	No	None	No		None
Reference	MBD-REF_106	D	90.5	9/7/2023	17:43:04	69.12	46.08	0.32	Sand or finer	Oxidized	None	No	None	No		None
Reference	MBD-REF_107	A	90.8	9/7/2023	17:27:45	64.81	43.21	0.28	Sand or finer	Oxidized	None	No	None	No		None

Area	Station ID	Replicate	Water Depth (m)	Date	Time	Image Width (cm)	Image Height (cm)	Field of View (m2)	Sediment Type	Surface Oxidation	Bedforms	Beggiatoa Present?	Beggiatoa Type/Extent	Dredged Material Present?	Dredged Material Notes	Debris
Reference	MBD-REF_107	B	90.8	9/7/2023	17:29:03	69.99	46.66	0.33	Sand or finer	Oxidized	None	No	None	No		None
Reference	MBD-REF_108	A	90.8	9/7/2023	17:03:01	63.80	42.54	0.27	Sand or finer	Oxidized	None	No	None	No		None
Reference	MBD-REF_108	D	90.8	9/7/2023	17:07:07	70.88	47.25	0.33	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_109	A	91.7	9/7/2023	16:08:38	73.55	49.03	0.36	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_109	B	91.7	9/7/2023	16:10:03	68.63	45.75	0.31	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_109	C	91.7	9/7/2023	16:11:21	71.69	47.79	0.34	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_110	A	93.0	9/7/2023	16:19:25	72.36	48.24	0.35	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_110	B	93.0	9/7/2023	16:20:36	59.66	39.77	0.24	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_110	C	93.0	9/7/2023	16:21:43	71.01	47.34	0.34	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_111	A	91.1	9/7/2023	15:52:49	65.33	43.55	0.28	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_111	B	91.1	9/7/2023	15:54:00	62.88	41.92	0.26	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_111	D	91.1	9/7/2023	15:56:14	77.57	51.72	0.40	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_112	E	90.5	9/7/2023	15:28:01	66.87	44.58	0.30	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_112	F	90.5	9/7/2023	15:29:27	69.27	46.18	0.32	Sand or finer	Oxidized	None	No	None	No		None
Reference	SE-REF_112	H	90.5	9/7/2023	15:31:50	72.19	48.13	0.35	Sand or finer	Oxidized	None	No	None	No		None

Area	Station ID	Replicate	Burrow Abundance	Track Abundance	Tube Abundance	Epifauna	Macroalgae	Number of Fish	Comment
Reference	FG-23_101	A	Present (10-25%)	Present (10-25%)	Present (10-25%)	Brittle Star	None	0	
Reference	FG-23_101	D	IND	IND	Present (10-25%)	IND	None	0	Turbidity in water column obscures most of seafloor.
Reference	FG-23_102	B	Present (10-25%)	Sparse (<10%)	None	None	None	0	
Reference	FG-23_103	A	Present (10-25%)	Abundant (25-75%)	Sparse (<10%)	None	None	0	
Reference	FG-23_103	D	Present (10-25%)	Abundant (25-75%)	Sparse (<10%)	None	None	0	Clam in image.
Reference	FG-23_104	A	IND	Abundant (25-75%)	None	None	None	0	
Reference	FG-23_104	C	Present (10-25%)	Present (10-25%)	Sparse (<10%)	None	None	0	
Reference	FG-23_104	D	Sparse (<10%)	None	Sparse (<10%)	None	None	0	Clay clasts at sediment surface throughout image.
Mound H	H_001	A	Sparse (<10%)	None	Sparse (<10%)	Brittle Star	None	0	
Mound H	H_002	A	Sparse (<10%)	Sparse (<10%)	Abundant (25-75%)	None	None	0	
Mound H	H_002	C	Sparse (<10%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Mound H	H_003	A	Sparse (<10%)	Present (10-25%)	Present (10-25%)	Brittle Stars	None	0	
Mound H	H_003	B	Present (10-25%)	Present (10-25%)	Present (10-25%)	None	None	0	
Mound H	H_004	A	Present (10-25%)	None	Present (10-25%)	Shrimp	None	0	Shrimp right over top of right laser.
Mound H	H_004	C	Present (10-25%)	Present (10-25%)	Sparse (<10%)	None	None	0	
Mound H	H_004	D	None	None	Present (10-25%)	None	None	0	Turbidity in water column obscures a portion of the seafloor.
Mound H	H_005	A	None	Abundant (25-75%)	Abundant (25-75%)	None	None	0	
Mound H	H_005	B	Sparse (<10%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Mound H	H_005	D	Sparse (<10%)	Sparse (<10%)	Abundant (25-75%)	None	None	0	
Mound I	I_006	A	Sparse (<10%)	Present (10-25%)	Present (10-25%)	None	None	0	
Mound I	I_006	B	Sparse (<10%)	None	Present (10-25%)	None	None	0	
Mound I	I_006	D	Sparse (<10%)	None	Abundant (25-75%)	None	None	0	Some large shell fragments scattered about sediment surface.
Mound I	I_007	A	Dense (>75%)	None	Abundant (25-75%)	None	None	0	Octopus in image.
Mound I	I_007	D	Dense (>75%)	None	Present (10-25%)	None	None	0	
Mound I	I_008	A	Dense (>75%)	None	Abundant (25-75%)	Brittle Stars	None	0	Some large shell fragments scattered about sediment surface. Likely cerianthid in center of image.
Mound I	I_008	B	Dense (>75%)	Sparse (<10%)	Present (10-25%)	Brittle Stars	None	0	Some large shell fragments scattered about sediment surface.
Mound I	I_008	D	Sparse (<10%)	None	Abundant (25-75%)	Brittle Stars	None	0	Some large shell fragments scattered about sediment surface.
Mound I	I_009	A	Dense (>75%)	Sparse (<10%)	Abundant (25-75%)	Bryozoan/Hydroids, Sea Stars, Shrimp, Mussels	None	0	Few shrimp in image.
Mound I	I_009	D	Dense (>75%)	Sparse (<10%)	Abundant (25-75%)	Shrimp	None	0	Few shrimp in image.
Mound I	I_010	A	Present (10-25%)	Sparse (<10%)	Present (10-25%)	None	None	0	Some large shell fragments scattered about sediment surface.
Mound I	I_010	B	Present (10-25%)	Sparse (<10%)	Present (10-25%)	None	None	0	Some large shell fragments scattered about sediment surface.
Reference	MBD-REF_105	A	Sparse (<10%)	Present (10-25%)	Present (10-25%)	None	None	0	
Reference	MBD-REF_106	A	Sparse (<10%)	Sparse (<10%)	Abundant (25-75%)	Shrimp	None	0	Shrimp just above and to the left of left laser.
Reference	MBD-REF_106	D	Sparse (<10%)	Abundant (25-75%)	Present (10-25%)	None	None	0	
Reference	MBD-REF_107	A	Sparse (<10%)	Abundant (25-75%)	Sparse (<10%)	None	None	0	

Area	Station ID	Replicate	Burrow Abundance	Track Abundance	Tube Abundance	Epifauna	Macroalgae	Number of Fish	Comment
Reference	MBD-REF_107	B	Present (10-25%)	Sparse (<10%)	Sparse (<10%)	None	None	0	
Reference	MBD-REF_108	A	Sparse (<10%)	Present (10-25%)	Present (10-25%)	None	None	0	
Reference	MBD-REF_108	D	Present (10-25%)	None	IND	None	None	0	Slightly turbid image.
Reference	SE-REF_109	A	Present (10-25%)	Abundant (25-75%)	Present (10-25%)	None	None	0	
Reference	SE-REF_109	B	Sparse (<10%)	None	Abundant (25-75%)	None	None	0	Large scallop shell partially buried in the top right corner of the image.
Reference	SE-REF_109	C	Sparse (<10%)	Present (10-25%)	Present (10-25%)	Shrimp	None	0	Two shrimp in right of the image.
Reference	SE-REF_110	A	Present (10-25%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_110	B	Present (10-25%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_110	C	Present (10-25%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_111	A	Present (10-25%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_111	B	Sparse (<10%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_111	D	Sparse (<10%)	Present (10-25%)	Abundant (25-75%)	None	None	0	
Reference	SE-REF_112	E	Sparse (<10%)	None	Abundant (25-75%)	None	None	0	
Reference	SE-REF_112	F	Present (10-25%)	Sparse (<10%)	Present (10-25%)	Snail	None	0	
Reference	SE-REF_112	H	Sparse (<10%)	Sparse (<10%)	Abundant (25-75%)	Shrimp	None	0	Shrimp in upper left of image.

APPENDIX F - GRAIN SIZE SCALE FOR SEDIMENTS

APPENDIX F

GRAIN SIZE SCALE FOR SEDIMENTS

Phi (Φ) Size	Size Range (mm)	Size Class (Wentworth Class)
<-1	>2	Gravel
0 to –1	1 to 2	Very coarse sand
1 to 0	0.5 to 1	Coarse sand
2 to 1	0.25 to 0.5	Medium sand
3 to 2	0.125 to 0.25	Fine sand
4 to 3	0.0625 to 0.125	Very fine sand
>4	<0.0625	Silt/clay

APPENDIX G – ACTUAL SEDIMENT GRAB REPLICATE LOCATIONS

Notes:

N/A=Not Applicable

Area	Sample Type	Station ID	Replicate	Date	Time	X_MA_Mainland_SP_m	Y_MA_Mainland_SP_m	Latitude_NAD83_N	Longitude_NAD83_W	Depth (m)	Sample ID	Comments
Mound H	Grab (Chem)	H_001	A	9/7/2023	23:25:14	276015.57	909103.85	42.4287505	-70.5762298	86.0	N/A	Rejected, over-penetration.
Mound H	Grab (Chem)	H_001	B	9/7/2023	23:39:08	276015.93	909104	42.4287518	-70.5762254	86.0	MOUNDH-01-SED-ARCHIVE	Accepted.
Mound H	Grab (Chem)	H_003	A	9/8/2023	0:16:58	276096.37	909114.6	42.4288394	-70.5752465	87.5	N/A	No sample.
Mound H	Grab (Chem)	H_003	B	9/8/2023	0:37:34	276100.51	909118.64	42.4288753	-70.5751957	87.5	N/A	No trigger.
Mound H	Grab (Chem)	H_003	C	9/8/2023	0:45:55	276098.83	909123.16	42.4289162	-70.5752155	87.5	N/A	No trigger.
Mound H	Grab (Chem)	H_003	D	9/8/2023	0:54:37	276098.67	909119.05	42.4288792	-70.5752180	87.5	N/A	No trigger.
Mound H	Grab (Chem)	H_003	E	9/8/2023	1:10:42	276100.84	909120.88	42.4288955	-70.5751914	87.5	MOUNDH-03-SED-ARCHIVE	Accepted.
Mound H	Grab (Chem)	H_004	A	9/8/2023	2:04:09	276094.69	909057.04	42.4283214	-70.5752745	87.5	N/A	No sample.
Mound H	Grab (Chem)	H_004	B	9/8/2023	2:15:23	276095.78	909051.74	42.4282736	-70.5752620	87.5	N/A	No sample.
Mound H	Grab (Chem)	H_004	C	9/8/2023	2:29:10	276099.36	909050.23	42.4282596	-70.5752187	87.5	N/A	Debris interference.
Mound H	Grab (Chem)	H_004	D	9/8/2023	2:43:28	276091.16	909054.37	42.4282977	-70.5753178	87.5	N/A	Debris interference.
Mound H	Grab (Chem)	H_004	E	9/8/2023	2:58:19	276095.5	909054.11	42.4282949	-70.5752651	87.5	MOUNDH-04-SED-ARCHIVE	Accepted.
Mound I	Grab (Chem)	I_006	A	9/8/2023	3:26:09	275946.68	908143.69	42.4201137	-70.5771931	83.2	N/A	Under-penetration.
Mound I	Grab (Chem)	I_006	B	9/8/2023	3:41:13	275945.95	908144.75	42.4201233	-70.5772019	86.0	N/A	Debris interference.
Mound I	Grab (Chem)	I_006	C	9/8/2023	3:52:55	275939.8	908141.54	42.4200950	-70.5772770	86.0	N/A	Over-penetration.
Mound I	Grab (Chem)	I_006	D	9/8/2023	4:12:01	275947.19	908147.69	42.4201497	-70.5771864	86.0	N/A	No sample.
Mound I	Grab (Chem)	I_006	E	9/8/2023	4:24:31	275949.83	908141.32	42.4200921	-70.5771552	86.0	N/A	No sample.
Mound I	Grab (Chem)	I_006	F	9/8/2023	4:41:03	275949.02	908147.33	42.4201463	-70.5771642	86.0	N/A	No sample.
Mound I	Grab (Chem)	I_006	G	9/8/2023	4:51:34	275945.26	908141.42	42.4200934	-70.5772107	86.0	MOUNDI-06-SED-ARCHIVE	Accepted.
Mound I	Grab (Chem)	I_010	A	9/8/2023	5:12:22	275880.62	908133.91	42.4200321	-70.5779970	83.5	N/A	No sample.
Mound I	Grab (Chem)	I_010	B	9/8/2023	5:25:04	275879.95	908139.32	42.4200809	-70.5780045	83.5	MOUNDI-010-SED-ARCHIVE	Accepted.
Mound I	Grab (Chem)	I_008	A	9/8/2023	5:43:29	275891.35	908081.4	42.4195584	-70.5778736	84.7	N/A	Debris interference.
Mound I	Grab (Chem)	I_008	B	9/8/2023	6:14:50	275895.84	908078.97	42.4195361	-70.5778193	83.2	N/A	No trigger.
Mound I	Grab (Chem)	I_008	C	9/8/2023	6:23:42	275899.61	908082.39	42.4195665	-70.5777731	84.1	N/A	No sample.
Mound I	Grab (Chem)	I_008	D	9/8/2023	6:35:33	275894.68	908086.74	42.4196061	-70.5778324	82.9	MOUNDI-008-SED-ARCHIVE	Accepted.
Reference	Grab (Chem)	MBD-REF_106	A	9/8/2023	7:33:48	282079.01	903757.96	42.3800116	-70.5033101	90.8	N/A	No sample.
Reference	Grab (Chem)	MBD-REF_106	B	9/8/2023	7:45:04	282076.74	903760.11	42.3800312	-70.5033374	90.8	N/A	No trigger.
Reference	Grab (Chem)	MBD-REF_106	C	9/8/2023	7:56:56	282079.21	903755.25	42.3799872	-70.5033081	90.8	N/A	No sample.
Reference	Grab (Chem)	MBD-REF_106	D	9/8/2023	8:07:10	282075.96	903755.08	42.3799860	-70.5033475	90.8	N/A	No sample.
Reference	Grab (Chem)	MBD-REF_106	E	9/8/2023	8:15:54	282082.47	903756.73	42.3800002	-70.5032683	90.8	N/A	Over-penetration.
Reference	Grab (Chem)	MBD-REF_106	F	9/8/2023	8:26:03	282074.08	903754.72	42.3799830	-70.5033704	90.8	N/A	Over-penetration.
Reference	Grab (Chem)	MBD-REF_106	G	9/8/2023	8:35:22	282077.13	903754.46	42.3799803	-70.5033334	90.8	MBD-REF-106-SED-ARCHIVE	Accepted.
Reference	Grab (Chem)	MBD-REF_105	A	9/8/2023	9:05:58	281751.43	903463.14	42.3773920	-70.5073292	89.9	N/A	No trigger.
Reference	Grab (Chem)	MBD-REF_105	B	9/8/2023	9:14:35	281755.99	903461.65	42.3773781	-70.5072741	89.9	N/A	No sample.
Reference	Grab (Chem)	MBD-REF_105	C	9/8/2023	9:30:24	281759.25	903464.12	42.3774000	-70.5072341	89.9	MBD-REF-105-SED-ARCHIVE	Accepted.
Reference	Grab (Chem)	MBD-REF_108	A	9/8/2023	9:52:27	282117.33	903382.59	42.3766285	-70.5028981	89.6	MBD-REF-108-SED-ARCHIVE	Accepted.

APPENDIX H – ACTUAL TISSUE GRAB REPLICATE LOCATIONS

Notes:

N/A=Not Applicable

Area	Sample Type	Station ID	Replicate	Date	Time	X_MA_Mainland_SP_m	Y_MA_Mainland_SP_m	Latitude_NAD83_N	Longitude_NAD83_W	Depth (m)	Sample ID	Comments
Reference	Grab (Tissue)	MBD-REF_106	A	9/8/2023	10:35:35	282072.62	903770.4	42.3801243	-70.5033859	89.6	MBD-REF-106-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_106	B	9/8/2023	11:16:21	282082.96	903761.39	42.3800421	-70.5032617	89.6	MBD-REF-106-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_106	C	9/8/2023	11:47:43	282071.7	903750.6	42.3799461	-70.5033999	89.6	N/A	Rejected.
Reference	Grab (Tissue)	MBD-REF_106	D	9/8/2023	11:57:19	282074.43	903745.71	42.3799018	-70.5033674	89.6	N/A	Rejected.
Reference	Grab (Tissue)	MBD-REF_106	E	9/8/2023	12:10:03	282069.86	903742.5	42.3798734	-70.5034234	89.6	MBD-REF-106-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_106	F	9/8/2023	12:21:48	282083.27	903751.74	42.3799552	-70.5032593	89.6	MBD-REF-106-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_106	G	9/8/2023	12:35:57	282082.57	903749.81	42.3799379	-70.5032680	89.6	MBD-REF-106-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	A	9/8/2023	13:33:48	281770.55	903475.14	42.3774980	-70.5070954	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	B	9/8/2023	13:46:39	281770.71	903449.76	42.3772695	-70.5070970	88.7	N/A	Rejected.
Reference	Grab (Tissue)	MBD-REF_105	C	9/8/2023	14:00:34	281762.63	903474.22	42.3774906	-70.5071917	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	D	9/8/2023	14:15:03	281762.51	903453.76	42.3773064	-70.5071960	88.7	N/A	Rejected.
Reference	Grab (Tissue)	MBD-REF_105	E	9/8/2023	14:28:25	281754.11	903473.32	42.3774834	-70.5072952	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	F	9/8/2023	14:42:49	281760.41	903452.25	42.3772930	-70.5072217	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	G	9/8/2023	14:56:08	281747.69	903450.84	42.3772817	-70.5073764	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	H	9/8/2023	15:07:22	281764.32	903451.08	42.3772821	-70.5071744	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	I	9/8/2023	15:54:18	281750.08	903451.84	42.3772904	-70.5073472	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_105	J	9/8/2023	16:06:28	281748.17	903452.25	42.3772943	-70.5073703	88.7	MBD-REF-105-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	A	9/8/2023	16:49:13	282116	903366.31	42.3764820	-70.5029166	89.6	MBD-REF-108-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	B	9/8/2023	17:00:29	282113.67	903368.38	42.3765009	-70.5029446	89.6	MBD-REF-108-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	C	9/8/2023	17:11:45	282136.69	903371.19	42.3765238	-70.5026647	89.6	MBD-REF-108-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	D	9/8/2023	17:23:11	282121.53	903373.75	42.3765484	-70.5028484	89.6	MBD-REF-108-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	E	9/8/2023	17:34:34	282130.23	903391.29	42.3767054	-70.5027402	89.6	MBD-REF-108-TIS	Accepted.
Reference	Grab (Tissue)	MBD-REF_108	F	9/8/2023	17:49:47	282128.57	903395.65	42.3767448	-70.5027598	89.6	MBD-REF-108-TIS	Accepted.

APPENDIX I – NON-PARAMETRIC BOOTSTRAPPED CONFIDENCE LIMITS

APPENDIX I

Non-parametric Bootstrapped Confidence Limits

Bootstrapping is a statistical resampling procedure that uses the sample data to represent the entire population in order to construct confidence limits around population parameters. Bootstrapping assumes only that the sample data are representative of the underlying population, so random sampling is a prerequisite for appropriate application of this method.

Bootstrapping procedures entail resampling, with replacement, from the observed sample of size n. Each time the sample is resampled, a summary statistic (e.g., mean or standard deviation) of the bootstrapped sample is computed and stored. After repeating this procedure many times, a summary of the bootstrapped statistics is used to construct the confidence limit. For the bootstrap-*t* method (e.g., Manly 1997, pp. 56-59; or Lunneborg 2000, pp. 129-131), the bootstrapped statistic (T) is a pivotal statistic, which means that the distribution of T is the same for all values of the true mean (θ). The bootstrap-*t* is essentially the "Studentized" version (i.e., subtract the mean and divide by the standard error, as is done to obtain the Student *t*-distribution for the sample mean) of the statistic of interest. This approach is quite versatile, and can be applied to construct a confidence interval around any linear combination of means (Lunneborg 2000, p. 364).

For the purpose of constructing a confidence interval around the true value for the linear combination of means ($\Theta = \mu_{Ref} - \mu_{Mound}$) the pivotal statistic T for the true difference is defined as

$$T = \frac{d - \theta}{SE(d)} \qquad \text{(Eq. A-1)}$$

We assume that this is adequately approximated by the bootstrap sampling distribution of T, denoted T*:

$$T^* = \frac{d^* - \hat{\theta}}{SE(d^*)} \qquad \text{(Eq. A-2)}$$

This distribution is comprised of the studentized statistic (T^*_B) computed from a large number (B) of randomly chosen bootstrapped samples $y_1^*, y_2^*, \ldots y_B^*$ from each of the four groups or populations. Here, d^* is the linear combination of group means for the bootstrapped sample; $\hat{\theta}$ is the observed difference in sample means from the original samples; $SE(d^*)$ is the estimated standard error of the linear contrast.

The 5th and the 95th quantiles of the T^* distribution ($T^*_{0.05}$ and $T^*_{0.95}$, respectively) satisfy the equations:

$$\Pr\left[\frac{\theta - d}{SE(d)} > T^*_{0.05}\right] = 0.95 \qquad \text{(Eq. A-3a)}$$

$$\Pr[\frac{\theta - d}{SE(d)} < T^*_{0.95}] = 0.95 \qquad \text{(Eq. A-3b)}$$

Rearranging these equations yields 95% confidence in each of the following two inequalities:

$$\Pr[d + T^*_{0.05}\, SE(d) < \theta] = 0.95 \qquad \text{(Eq. A-4a)}$$

$$\Pr[d + T^*_{0.95}\, SE(d) > \theta] = 0.95 \qquad \text{(Eq. A-4b)}$$

Bootstrapping is used to estimate the values $T^*_{0.05}$, $T^*_{0.95}$ and *SE(d)*. The left side of equation A-4a represents the 95% lower confidence limit on the difference equation ($\mu_y - \mu_x$); the left side of equation A-4b is the 95% upper confidence limit on the difference equation. Based on the two one-sided testing (TOST) approach presented in McBride (1999), if the bounds computed by Equations A-4a and A-4b are fully contained within the interval [–δ , +δ], then we conclude equivalence within δ units.

The specific steps used to compute the 95% upper and 95% lower confidence limits on the difference between two means using the bootstrap-*t* method are described below.

1. Bootstrap (sample with replacement from the original sample of size n) B = 10,000 samples from each of the four populations (1 pooled reference group and 3 mounds) separately.
2. Compute the T^*_B statistic for each bootstrapped set of independent samples. T^*_i is the bootstrapped-*t* statistic computed from the i^{th} bootstrap sample, defined by the following equation

$$T^*_i = \frac{\sum_{j=1}^4 c_j \bar{y}^*_{ji} - \sum_{j=1}^4 c_j \bar{y}_j}{SE\left(\sum_{j=1}^4 c_j \bar{y}^*_{ji}\right)} = \frac{\sum_{j=1}^4 c_j \bar{y}^*_{ji} - \sum_{j=1}^4 c_j \bar{y}_j}{\sqrt{\sum_{j=1}^4 s^2_{y^*_{ji}} c_j^2 / n_j}} \qquad \text{(Eq. A-5)}$$

   where $\bar{y}^*_{ji}$, and $s^2_{y^*_{ji}}$ are the means and variances for the i^{th} bootstrapped sample from the j^{th} group (j=1 to 4); and $\bar{y}_j$ is the observed mean for the j^{th} group.

   Multiplying these group means by their respective coefficients c_j ($^1/_3$, -1, -1, -1) and summing the products yields the difference equation we wish to test (Equation 1). This step produces 10,000 values of the bootstrapped-*t* statistic which comprise the "bootstrap-*t* distribution".
3. Compute the standard deviation of the 10,000 bootstrapped linear combinations, $\sum_{j=1}^4 c_j\, \bar{y}^*_{ji}$ and save it as *SE(d)*. This is the bootstrap estimate of the true standard error.
4. Find $T^*_{0.05}$ and $T^*_{0.95,}$ the 5th and 95th quantiles of the bootstrap-*t* distribution generated in Step 2. These values satisfy Equations A- 3a and A-3b.
5. Applying Equations A-4a and A-4b using the values $T^*_{0.05}$ and $T^*_{0.95}$ found in Step 4 gives the bootstrap-*t* estimate of the 95% lower and upper confidence limits on the difference equation, i.e.,

$$95\%\ \text{LCL} = \sum_{j=1}^{4} c_j\, \bar{y}_j + T *_{0.05}\, SE(d) \qquad \text{(Eq. A-6a)}$$

$$95\%\ \text{UCL} = \sum_{j=1}^{4} c_j \bar{y}_j + T *_{0.95}\, SE(d) \qquad \text{(Eq. A-6b)}$$

where $(\sum_{j=1}^{4} c_j \bar{y}_j)$ is the linear combination expressing the difference between the mean of the reference group and the mean of the three disposal mounds based on the original sample observations, and *SE(d)* is the standard deviation of the bootstrapped differences computed in Step 3.

References

Lunneborg, Clifford E. 2000. Data Analysis by Resampling: Concepts and Applications. Duxbury. 556 pp. + Appendices.

Manly, Bryan F.J. 1997. Randomization, Bootstrap and Monte Carlo Methods in Biology. Second edition. Chapman & Hall, London. 340 pp. + Appendices

APPENDIX J – SEDIMENT CHEMSTRY RESULTS

Notes:

U=Analyte was non-detect. 1/2 MDL used for summarization of chemistry analytes.

MDL= Method Detection Limit

J=Estimated value was less than RL.

P=The RPD (relative percent difference) between the results for the two columns exceeds the method-specified criteria.

RL=Reporting Limit

Grain Size: Wentworth classification was used in laboratory analysis for scale of grain size results.

Method Detection and Reporting Limits (%)		0.1	0.1	0.1	0.1	0.1	0.1	0.01
Sample ID	Station ID	Total Gravel (%)	Coarse Sand (%)	Medium Sand (%)	Fine Sand (%)	Total Sand (%)	Total Fines (%)	Average Total Organic Carbon (%)
MOUNDH-01-SED-ARCHIVE	H_001	U	U	9	11	20	80	0.973
MOUNDH-03-SED-ARCHIVE	H_003	U	9	28	24	61	39	1.33
MOUNDH-04-SED-ARCHIVE	H_004	U	10	28	26	64	36	1.45
MOUNDI-008-SED-ARCHIVE	I_008	5	14	28	21	63	32	2.44
MOUNDI-010-SED-ARCHIVE	I_010	11	17	28	17	62	27	2.33
MOUNDI-06-SED-ARCHIVE	I_006	6	23	29	16	68	26	2.54
MBD-REF-105-SED-ARCHIVE	MBD-REF_105	4	24	29	11	64	32	2.16
MBD-REF-106-SED-ARCHIVE	MBD-REF_106	5	24	25	8	57	38	2.13
MBD-REF-108-SED-ARCHIVE	MBD-REF_108	2	19	29	14	62	36	2.14

	Station ID	H_001					H_003					H_004					I_006				
	Sample ID	MOUNDH-01-SED-ARCHIVE					MOUNDH-03-SED-ARCHIVE					MOUNDH-04-SED-ARCHIVE					MOUNDI-06-SED-ARCHIVE				
Analyte	Units	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL
Total LMW PAHs																					
Acenaphthene	ug/kg	4.11	J	4.11	5.28	1.01	9.31		9.31	5.24	1.01	7.04		7.04	5.51	1.06	14.2		14.2	6.54	1.26
Acenaphthylene	ug/kg	7.62		7.62	5.28	0.623	22.9		22.9	5.24	0.618	21.1		21.1	5.51	0.65	14.5		14.5	6.54	0.772
Anthracene	ug/kg	17.2		17.2	5.28	0.676	51.4		51.4	5.24	0.671	35.4		35.4	5.51	0.705	44.5		44.5	6.54	0.838
Fluorene	ug/kg	10.1		10.1	5.28	0.565	15		15	5.24	0.561	11.6		11.6	5.51	0.59	18.4		18.4	6.54	0.7
Naphthalene	ug/kg	23.1		23.1	5.28	0.871	45.3		45.3	5.24	0.865	44.1		44.1	5.51	0.909	39.9		39.9	6.54	1.08
Phenanthrene	ug/kg	57.2		57.2	5.28	1.11	138		138	5.24	1.1	90.8		90.8	5.51	1.16	166		166	6.54	1.37
Total HMW PAHs																					
Benz(a)anthracene	ug/kg	68.7		68.7	5.28	1.27	133		133	5.24	1.26	106		106	5.51	1.32	154		154	6.54	1.57
Benzo(a)pyrene	ug/kg	60.2		60.2	5.28	2.36	150		150	5.24	2.34	127		127	5.51	2.46	150		150	6.54	2.92
Benzo(b)fluoranthene	ug/kg	75		75	5.28	1.76	148		148	5.24	1.74	112		112	5.51	1.83	161		161	6.54	2.18
Benzo(ghi)perylene	ug/kg	49.7		49.7	5.28	0.565	111		111	5.24	0.561	99.8		99.8	5.51	0.59	119		119	6.54	0.7
Benzo(k)fluoranthene	ug/kg	27		27	5.28	0.808	91.8		91.8	5.24	0.802	84.3		84.3	5.51	0.843	110		110	6.54	1
Chrysene	ug/kg	50.6		50.6	5.28	1.23	135		135	5.24	1.22	107		107	5.51	1.28	154		154	6.54	1.52
Dibenz(a,h)anthracene	ug/kg	8.3		8.3	5.28	0.655	24.6		24.6	5.24	0.65	19.3		19.3	5.51	0.683	24.7		24.7	6.54	0.812
Fluoranthene	ug/kg	97.9		97.9	5.28	0.998	219		219	5.24	0.991	167		167	5.51	1.04	288		288	6.54	1.24
Indeno(1,2,3-cd)Pyrene	ug/kg	50.9		50.9	5.28	1.32	105		105	5.24	1.32	86.8		86.8	5.51	1.38	114		114	6.54	1.64
Pyrene	ug/kg	104		104	5.28	1.47	244		244	5.24	1.46	205		205	5.51	1.53	288		288	6.54	1.82
Total PCBs																					
Cl10-BZ#209	ug/kg	0.528	U	0.076	0.528	0.152	0.295	J	0.295	0.524	0.151	0.234	J	0.234	0.551	0.159	0.654	U	0.094	0.654	0.188
Cl2-BZ#8	ug/kg	0.528	U	0.052	0.528	0.104	0.115	J	0.115	0.524	0.104	0.551	U	0.0545	0.551	0.109	0.654	U	0.065	0.654	0.13
Cl3-BZ#18	ug/kg	0.528	U	0.038	0.528	0.076	0.524	U	0.038	0.524	0.076	0.551	U	0.0395	0.551	0.079	0.654	U	0.047	0.654	0.094
Cl3-BZ#28	ug/kg	0.528	U	0.0645	0.528	0.129	0.524	U	0.064	0.524	0.128	0.428	J	0.428	0.551	0.135	0.255	J	0.255	0.654	0.16
Cl4-BZ#44	ug/kg	0.528	U	0.072	0.528	0.144	0.333	J	0.333	0.524	0.143	0.294	J	0.294	0.551	0.15	0.213	J	0.213	0.654	0.179
Cl4-BZ#52	ug/kg	0.528	U	0.04	0.528	0.08	0.524	U	0.04	0.524	0.08	0.551	U	0.042	0.551	0.084	0.654	U	0.05	0.654	0.1
Cl4-BZ#66	ug/kg	0.23	J	0.23	0.528	0.076	0.524	U	0.0375	0.524	0.075	0.372	J	0.372	0.551	0.079	0.286	J	0.286	0.654	0.094
Cl5-BZ#101	ug/kg	0.328	J	0.328	0.528	0.123	1.65		1.65	0.524	0.122	0.593		0.593	0.551	0.128	0.474	J	0.474	0.654	0.152
Cl5-BZ#105	ug/kg	0.203	J	0.203	0.528	0.11	0.603		0.603	0.524	0.11	0.299	J	0.299	0.551	0.115	0.278	J	0.278	0.654	0.137
Cl5-BZ#118	ug/kg	0.337	J	0.337	0.528	0.117	0.977		0.977	0.524	0.116	0.676		0.676	0.551	0.122	0.51	J	0.51	0.654	0.145
Cl6-BZ#128	ug/kg	0.149	J	0.149	0.528	0.138	0.507	J	0.507	0.524	0.137	0.339	J	0.339	0.551	0.144	0.213	J	0.213	0.654	0.171
Cl6-BZ#138	ug/kg	0.61		0.61	0.528	0.088	1.76		1.76	0.524	0.088	1.04		1.04	0.551	0.092	0.9		0.9	0.654	0.109
Cl6-BZ#153	ug/kg	0.442	J	0.442	0.528	0.184	1.25		1.25	0.524	0.182	0.712		0.712	0.551	0.192	0.62	J	0.62	0.654	0.228
Cl7-BZ#170	ug/kg	0.528	U	0.034	0.528	0.068	0.777		0.777	0.524	0.067	0.194	J	0.194	0.551	0.071	0.654	U	0.042	0.654	0.084
Cl7-BZ#180	ug/kg	0.258	J	0.258	0.528	0.069	0.782		0.782	0.524	0.069	0.423	J	0.423	0.551	0.072	0.279	J	0.279	0.654	0.086
Cl7-BZ#187	ug/kg	0.149	J	0.149	0.528	0.099	0.458	J	0.458	0.524	0.099	0.373	J	0.373	0.551	0.104	0.224	J	0.224	0.654	0.123
Cl8-BZ#195	ug/kg	0.528	U	0.065	0.528	0.13	0.524	U	0.0645	0.524	0.129	0.551	U	0.068	0.551	0.136	0.654	U	0.0805	0.654	0.161
Cl9-BZ#206	ug/kg	0.528	U	0.066	0.528	0.132	0.344	J	0.344	0.524	0.132	0.551	U	0.069	0.551	0.138	0.654	U	0.082	0.654	0.164
Other PCBs																					
Cl4-BZ#49	ug/kg	0.528	U	0.0705	0.528	0.141	0.524	U	0.07	0.524	0.14	0.551	U	0.0735	0.551	0.147	0.654	U	0.0875	0.654	0.175
Cl5-BZ#87	ug/kg	0.189	J	0.189	0.528	0.061	0.421	J	0.421	0.524	0.061	0.229	J	0.229	0.551	0.064	0.162	J	0.162	0.654	0.076
Cl7-BZ#183	ug/kg	0.054	J	0.054	0.528	0.037	0.221	J	0.221	0.524	0.037	0.145	J	0.145	0.551	0.039	0.09	J	0.09	0.654	0.046
Cl7-BZ#184	ug/kg	0.528	U	0.038	0.528	0.076	0.524	U	0.038	0.524	0.076	0.551	U	0.0395	0.551	0.079	0.654	U	0.047	0.654	0.094

	Station ID	H_001					H_003					H_004					I_006				
	Sample ID	MOUNDH-01-SED-ARCHIVE					MOUNDH-03-SED-ARCHIVE					MOUNDH-04-SED-ARCHIVE					MOUNDI-06-SED-ARCHIVE				
Analyte	Units	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL
Total DDx																					
4,4'-DDD	ug/kg	1.64	P	1.64	0.264	0.02	0.268	U	0.01	0.268	0.02	0.276	U	0.0105	0.276	0.021	1.52		1.52	0.327	0.025
4,4'-DDE	ug/kg	0.264	U	0.006	0.264	0.012	0.268	U	0.006	0.268	0.012	0.276	U	0.0065	0.276	0.013	0.327	U	0.0075	0.327	0.015
4,4'-DDT	ug/kg	0.264	U	0.013	0.264	0.026	0.268	U	0.013	0.268	0.026	0.276	U	0.0135	0.276	0.027	0.327	U	0.016	0.327	0.032
Total Chlordane																					
cis-Chlordane	ug/kg	0.264	U	0.071	0.264	0.142	0.268	U	0.0725	0.268	0.145	0.276	U	0.0745	0.276	0.149	0.327	U	0.0885	0.327	0.177
cis-Nonachlor	ug/kg	0.264	U	0.0095	0.264	0.019	0.268	U	0.01	0.268	0.02	0.276	U	0.01	0.276	0.02	0.327	U	0.012	0.327	0.024
Heptachlor	ug/kg	0.264	U	0.0205	0.264	0.041	0.268	U	0.021	0.268	0.042	0.276	U	0.0215	0.276	0.043	0.327	U	0.0255	0.327	0.051
trans-Chlordane	ug/kg	0.264	U	0.02	0.264	0.04	0.268	U	0.0205	0.268	0.041	0.276	U	0.021	0.276	0.042	0.327	U	0.025	0.327	0.05
trans-Nonachlor	ug/kg	0.264	U	0.009	0.264	0.018	0.268	U	0.009	0.268	0.018	0.276	U	0.009	0.276	0.018	0.327	U	0.011	0.327	0.022
Organic Pesticides																					
Aldrin	ug/kg	0.264	U	0.033	0.264	0.066	0.268	U	0.0335	0.268	0.067	0.276	U	0.0345	0.276	0.069	0.327	U	0.041	0.327	0.082
Alpha-BHC	ug/kg	0.264	U	0.02	0.264	0.04	0.268	U	0.0205	0.268	0.041	0.276	U	0.021	0.276	0.042	0.327	U	0.025	0.327	0.05
Beta-BHC	ug/kg	0.264	U	0.0135	0.264	0.027	0.268	U	0.014	0.268	0.028	0.276	U	0.0145	0.276	0.029	0.327	U	0.017	0.327	0.034
Delta-BHC	ug/kg	0.264	U	0.0155	0.264	0.031	0.268	U	0.016	0.268	0.032	0.276	U	0.0165	0.276	0.033	0.327	U	0.0195	0.327	0.039
Dieldrin	ug/kg	0.264	U	0.02	0.264	0.04	0.268	U	0.02	0.268	0.04	0.276	U	0.021	0.276	0.042	0.327	U	0.0245	0.327	0.049
Endosulfan I	ug/kg	0.264	U	0.018	0.264	0.036	0.268	U	0.0185	0.268	0.037	0.276	U	0.019	0.276	0.038	0.327	U	0.0225	0.327	0.045
Endosulfan II	ug/kg	0.264	U	0.0095	0.264	0.019	0.268	U	0.0095	0.268	0.019	0.276	U	0.01	0.276	0.02	0.327	U	0.0115	0.327	0.023
Endosulfan sulfate	ug/kg	0.264	U	0.0055	0.264	0.011	0.268	U	0.0055	0.268	0.011	0.276	U	0.0055	0.276	0.011	0.327	U	0.0065	0.327	0.013
Endrin	ug/kg	0.264	U	0.011	0.264	0.022	0.268	U	0.011	0.268	0.022	0.276	U	0.0115	0.276	0.023	0.327	U	0.0135	0.327	0.027
gamma-BHC	ug/kg	0.264	U	0.03	0.264	0.06	0.268	U	0.0305	0.268	0.061	0.276	U	0.031	0.276	0.062	0.327	U	0.037	0.327	0.074
Heptachlor epoxide	ug/kg	0.528	U	0.0425	0.528	0.085	0.537	U	0.043	0.537	0.086	0.551	U	0.0445	0.551	0.089	0.654	U	0.0525	0.654	0.105
Hexachlorobenzene	ug/kg	0.528	U	0.1775	0.528	0.355	0.537	U	0.1805	0.537	0.361	0.551	U	0.1855	0.551	0.371	0.654	U	0.22	0.654	0.44
Methoxychlor	ug/kg	0.264	U	0.047	0.264	0.094	0.268	U	0.048	0.268	0.096	0.276	U	0.049	0.276	0.098	0.327	U	0.058	0.327	0.116
Oxychlordane	ug/kg	0.528	U	0.041	0.528	0.082	0.537	U	0.0415	0.537	0.083	0.551	U	0.0425	0.551	0.085	0.654	U	0.0505	0.654	0.101
Toxaphene	ug/kg	13.2	U	0.86	13.2	1.72	13.5	U	0.87	13.5	1.74	13.8	U	0.895	13.8	1.79	16.4	U	1.065	16.4	2.13
Metals																					
Arsenic, Total	mg/kg	11.7		11.7	0.203	0.027	8.39		8.39	0.208	0.028	9.73		9.73	0.206	0.027	10.3		10.3	0.242	0.032
Cadmium, Total	mg/kg	0.086		0.086	0.081	0.011	0.13		0.13	0.083	0.011	0.124		0.124	0.083	0.011	0.321		0.321	0.097	0.013
Chromium, Total	mg/kg	42.4		42.4	0.811	0.19	39.5		39.5	0.832	0.195	41.9		41.9	0.826	0.193	108		108	0.967	0.226
Copper, Total	mg/kg	23.7		23.7	0.811	0.079	18.1		18.1	0.832	0.081	18.6		18.6	0.826	0.08	27.5		27.5	0.967	0.094
Lead, Total	mg/kg	20.7		20.7	0.243	0.059	21.5		21.5	0.25	0.061	24.9		24.9	0.248	0.06	45.5		45.5	0.29	0.071
Mercury, Total	mg/kg	0.061		0.061	0.029	0.004	0.195		0.195	0.028	0.004	0.093		0.093	0.028	0.004	0.179		0.179	0.036	0.005
Nickel, Total	mg/kg	24.9		24.9	0.406	0.108	18		18	0.416	0.111	18.2		18.2	0.413	0.11	20.6		20.6	0.484	0.129
Zinc, Total	mg/kg	59.2		59.2	4.06	1.05	48		48	4.16	1.08	52.2		52.2	4.13	1.07	62.8		62.8	4.84	1.26
Physical																					
Moisture	%	52.3		52.3	0.1	0.1	52.1		52.1	0.1	0.1	52.8		52.8	0.1	0.1	59.9		59.9	0.1	0.1
Solids, Total	%	47.7		47.7	0.1	0.1	47.9		47.9	0.1	0.1	47.2		47.2	0.1	0.1	40.1		40.1	0.1	0.1

	Station ID	I_008					I_010					MBD-REF_105					MBD-REF_106				
	Sample ID	MOUNDI-008-SED-ARCHIVE					MOUNDI-010-SED-ARCHIVE					MBD-REF-105-SED-ARCHIVE					MBD-REF-106-SED-ARCHIVE				
		Result					Result					Result					Result				
Analyte	Units	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL
Total LMW PAHs																					
Acenaphthene	ug/kg	16.9		16.9	6.45	1.24	14.7		14.7	6.63	1.27	3.37	J	3.37	7.1	1.36	3.79	J	3.79	6.93	1.33
Acenaphthylene	ug/kg	22.6		22.6	6.45	0.761	24.6		24.6	6.63	0.783	14.1		14.1	7.1	0.838	17.7		17.7	6.93	0.818
Anthracene	ug/kg	70.7		70.7	6.45	0.825	69.2		69.2	6.63	0.849	19.4		19.4	7.1	0.909	20.8		20.8	6.93	0.887
Fluorene	ug/kg	28.6		28.6	6.45	0.69	30.4		30.4	6.63	0.71	5.94	J	5.94	7.1	0.76	6.83	J	6.83	6.93	0.742
Naphthalene	ug/kg	45.8		45.8	6.45	1.06	56.5		56.5	6.63	1.09	16.4		16.4	7.1	1.17	19		19	6.93	1.14
Phenanthrene	ug/kg	206		206	6.45	1.35	171		171	6.63	1.39	68.7		68.7	7.1	1.49	78.1		78.1	6.93	1.46
Total HMW PAHs																					
Benz(a)anthracene	ug/kg	224		224	6.45	1.55	217		217	6.63	1.59	70.7		70.7	7.1	1.7	76.4		76.4	6.93	1.66
Benzo(a)pyrene	ug/kg	215		215	6.45	2.88	216		216	6.63	2.96	82.7		82.7	7.1	3.17	91.1		91.1	6.93	3.09
Benzo(b)fluoranthene	ug/kg	246		246	6.45	2.15	278		278	6.63	2.21	94.5		94.5	7.1	2.36	107		107	6.93	2.31
Benzo(ghi)perylene	ug/kg	172		172	6.45	0.69	179		179	6.63	0.71	73.7		73.7	7.1	0.76	82.6		82.6	6.93	0.742
Benzo(k)fluoranthene	ug/kg	152		152	6.45	0.987	167		167	6.63	1.01	57.2		57.2	7.1	1.09	63.6		63.6	6.93	1.06
Chrysene	ug/kg	262		262	6.45	1.5	232		232	6.63	1.54	73.7		73.7	7.1	1.65	83		83	6.93	1.62
Dibenz(a,h)anthracene	ug/kg	36.7		36.7	6.45	0.8	34.6		34.6	6.63	0.822	13.8		13.8	7.1	0.88	16.1		16.1	6.93	0.86
Fluoranthene	ug/kg	448		448	6.45	1.22	408		408	6.63	1.25	132		132	7.1	1.34	146		146	6.93	1.31
Indeno(1,2,3-cd)Pyrene	ug/kg	169		169	6.45	1.62	173		173	6.63	1.66	70.8		70.8	7.1	1.78	80		80	6.93	1.74
Pyrene	ug/kg	437		437	6.45	1.79	396		396	6.63	1.84	136		136	7.1	1.97	149		149	6.93	1.93
Total PCBs																					
Cl10-BZ#209	ug/kg	0.645	U	0.093	0.645	0.186	0.253	J	0.253	0.663	0.191	0.71	U	0.102	0.71	0.204	0.222	J	0.222	0.693	0.2
Cl2-BZ#8	ug/kg	0.645	U	0.064	0.645	0.128	0.663	U	0.0655	0.663	0.131	0.71	U	0.07	0.71	0.14	0.693	U	0.0685	0.693	0.137
Cl3-BZ#18	ug/kg	0.645	U	0.0465	0.645	0.093	0.663	U	0.048	0.663	0.096	0.71	U	0.051	0.71	0.102	0.693	U	0.05	0.693	0.1
Cl3-BZ#28	ug/kg	0.293	J	0.293	0.645	0.158	0.479	J	0.479	0.663	0.162	0.314	J	0.314	0.71	0.174	0.333	J	0.333	0.693	0.17
Cl4-BZ#44	ug/kg	0.645	U	0.088	0.645	0.176	0.663	U	0.0905	0.663	0.181	0.71	U	0.097	0.71	0.194	0.693	U	0.0945	0.693	0.189
Cl4-BZ#52	ug/kg	0.645	U	0.049	0.645	0.098	0.663	U	0.0505	0.663	0.101	0.71	U	0.054	0.71	0.108	0.693	U	0.0525	0.693	0.105
Cl4-BZ#66	ug/kg	0.616	J	0.616	0.645	0.092	0.817		0.817	0.663	0.095	0.158	J	0.158	0.71	0.102	0.17	J	0.17	0.693	0.099
Cl5-BZ#101	ug/kg	1.12		1.12	0.645	0.15	1.14		1.14	0.663	0.154	0.25	J	0.25	0.71	0.165	0.358	J	0.358	0.693	0.162
Cl5-BZ#105	ug/kg	0.494	J	0.494	0.645	0.135	0.653	J	0.653	0.663	0.139	0.71	U	0.074	0.71	0.148	0.202	J	0.202	0.693	0.145
Cl5-BZ#118	ug/kg	1.35		1.35	0.645	0.142	1.57		1.57	0.663	0.147	0.4	J	0.4	0.71	0.157	0.409	J	0.409	0.693	0.153
Cl6-BZ#128	ug/kg	0.602	J	0.602	0.645	0.168	0.739		0.739	0.663	0.173	0.215	J	0.215	0.71	0.185	0.693	U	0.0905	0.693	0.181
Cl6-BZ#138	ug/kg	2.32		2.32	0.645	0.108	2.28		2.28	0.663	0.111	0.57	J	0.57	0.71	0.118	0.718		0.718	0.693	0.116
Cl6-BZ#153	ug/kg	1.43		1.43	0.645	0.224	1.88		1.88	0.663	0.231	0.383	J	0.383	0.71	0.247	0.494	J	0.494	0.693	0.241
Cl7-BZ#170	ug/kg	0.349	J	0.349	0.645	0.083	0.696		0.696	0.663	0.085	0.71	U	0.0455	0.71	0.091	0.693	U	0.0445	0.693	0.089
Cl7-BZ#180	ug/kg	0.742		0.742	0.645	0.085	0.924		0.924	0.663	0.087	0.238	J	0.238	0.71	0.093	0.226	J	0.226	0.693	0.091
Cl7-BZ#187	ug/kg	0.555	J	0.555	0.645	0.121	0.731		0.731	0.663	0.125	0.216	J	0.216	0.71	0.133	0.252	J	0.252	0.693	0.13
Cl8-BZ#195	ug/kg	0.645	U	0.0795	0.645	0.159	0.663	U	0.0815	0.663	0.163	0.71	U	0.0875	0.71	0.175	0.693	U	0.085	0.693	0.17
Cl9-BZ#206	ug/kg	0.645	U	0.081	0.645	0.162	0.279	J	0.279	0.663	0.166	0.273	J	0.273	0.71	0.178	0.693	U	0.087	0.693	0.174
Other PCBs																					
Cl4-BZ#49	ug/kg	0.645	U	0.086	0.645	0.172	0.663	U	0.0885	0.663	0.177	0.71	U	0.095	0.71	0.19	0.693	U	0.0925	0.693	0.185
Cl5-BZ#87	ug/kg	0.474	J	0.474	0.645	0.075	0.614	J	0.614	0.663	0.077	0.71	U	0.041	0.71	0.082	0.693	U	0.04	0.693	0.08
Cl7-BZ#183	ug/kg	0.274	J	0.274	0.645	0.046	0.299	J	0.299	0.663	0.047	0.094	J	0.094	0.71	0.05	0.693	U	0.0245	0.693	0.049
Cl7-BZ#184	ug/kg	0.645	U	0.0465	0.645	0.093	0.663	U	0.048	0.663	0.096	0.71	U	0.051	0.71	0.102	0.693	U	0.05	0.693	0.1

	Station ID	I_008					I_010					MBD-REF_105					MBD-REF_106				
	Sample ID	MOUNDI-008-SED-ARCHIVE					MOUNDI-010-SED-ARCHIVE					MBD-REF-105-SED-ARCHIVE					MBD-REF-106-SED-ARCHIVE				
		Result					Result					Result					Result				
Analyte	Units	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL
Total DDx																					
4,4'-DDD	ug/kg	4.65		4.65	0.322	0.024	6.41		6.41	0.332	0.025	0.355	U	0.0135	0.355	0.027	0.347	U	0.013	0.347	0.026
4,4'-DDE	ug/kg	0.322	U	0.0075	0.322	0.015	0.332	U	0.0075	0.332	0.015	0.355	U	0.008	0.355	0.016	0.347	U	0.008	0.347	0.016
4,4'-DDT	ug/kg	0.322	U	0.016	0.322	0.032	0.332	U	0.0165	0.332	0.033	0.355	U	0.0175	0.355	0.035	0.347	U	0.017	0.347	0.034
Total Chlordane																					
cis-Chlordane	ug/kg	0.322	U	0.087	0.322	0.174	0.332	U	0.0895	0.332	0.179	0.355	U	0.096	0.355	0.192	0.347	U	0.0935	0.347	0.187
cis-Nonachlor	ug/kg	0.322	U	0.0115	0.322	0.023	0.332	U	0.012	0.332	0.024	0.355	U	0.013	0.355	0.026	0.347	U	0.0125	0.347	0.025
Heptachlor	ug/kg	0.322	U	0.0255	0.322	0.051	0.332	U	0.026	0.332	0.052	0.355	U	0.028	0.355	0.056	0.347	U	0.027	0.347	0.054
trans-Chlordane	ug/kg	0.322	U	0.0245	0.322	0.049	0.332	U	0.025	0.332	0.05	0.355	U	0.027	0.355	0.054	0.347	U	0.0265	0.347	0.053
trans-Nonachlor	ug/kg	0.322	U	0.011	0.322	0.022	0.332	U	0.011	0.332	0.022	0.355	U	0.012	0.355	0.024	0.347	U	0.0115	0.347	0.023
Organic Pesticides																					
Aldrin	ug/kg	0.322	U	0.0405	0.322	0.081	0.332	U	0.0415	0.332	0.083	0.355	U	0.0445	0.355	0.089	0.347	U	0.0435	0.347	0.087
Alpha-BHC	ug/kg	0.322	U	0.0245	0.322	0.049	0.332	U	0.025	0.332	0.05	0.355	U	0.027	0.355	0.054	0.347	U	0.0265	0.347	0.053
Beta-BHC	ug/kg	0.322	U	0.017	0.322	0.034	0.332	U	0.0175	0.332	0.035	0.355	U	0.0185	0.355	0.037	0.347	U	0.018	0.347	0.036
Delta-BHC	ug/kg	0.322	U	0.019	0.322	0.038	0.332	U	0.02	0.332	0.04	0.355	U	0.021	0.355	0.042	0.347	U	0.0205	0.347	0.041
Dieldrin	ug/kg	0.322	U	0.0245	0.322	0.049	0.332	U	0.025	0.332	0.05	0.355	U	0.0265	0.355	0.053	0.347	U	0.026	0.347	0.052
Endosulfan I	ug/kg	0.322	U	0.022	0.322	0.044	0.332	U	0.023	0.332	0.046	0.355	U	0.0245	0.355	0.049	0.347	U	0.024	0.347	0.048
Endosulfan II	ug/kg	0.322	U	0.0115	0.322	0.023	0.332	U	0.012	0.332	0.024	0.355	U	0.0125	0.355	0.025	0.347	U	0.0125	0.347	0.025
Endosulfan sulfate	ug/kg	0.322	U	0.0065	0.322	0.013	0.332	U	0.007	0.332	0.014	0.355	U	0.0075	0.355	0.015	0.347	U	0.007	0.347	0.014
Endrin	ug/kg	0.322	U	0.013	0.322	0.026	0.332	U	0.0135	0.332	0.027	0.355	U	0.0145	0.355	0.029	0.347	U	0.014	0.347	0.028
gamma-BHC	ug/kg	0.322	U	0.0365	0.322	0.073	0.332	U	0.0375	0.332	0.075	0.355	U	0.04	0.355	0.08	0.347	U	0.039	0.347	0.078
Heptachlor epoxide	ug/kg	0.645	U	0.052	0.645	0.104	0.663	U	0.0535	0.663	0.107	0.71	U	0.057	0.71	0.114	0.693	U	0.056	0.693	0.112
Hexachlorobenzene	ug/kg	0.645	U	0.217	0.645	0.434	0.663	U	0.223	0.663	0.446	0.71	U	0.239	0.71	0.478	0.693	U	0.233	0.693	0.466
Methoxychlor	ug/kg	0.322	U	0.0575	0.322	0.115	0.332	U	0.059	0.332	0.118	0.355	U	0.063	0.355	0.126	0.347	U	0.0615	0.347	0.123
Oxychlordane	ug/kg	0.645	U	0.05	0.645	0.1	0.663	U	0.0515	0.663	0.103	0.71	U	0.055	0.71	0.11	0.693	U	0.0535	0.693	0.107
Toxaphene	ug/kg	16.2	U	1.05	16.2	2.1	16.6	U	1.08	16.6	2.16	17.8	U	1.155	17.8	2.31	17.4	U	1.125	17.4	2.25
Metals																					
Arsenic, Total	mg/kg	8.67		8.67	0.242	0.032	10.3		10.3	0.245	0.032	12.3		12.3	0.264	0.035	3.94		3.94	0.271	0.036
Cadmium, Total	mg/kg	0.565		0.565	0.097	0.013	0.703		0.703	0.098	0.013	0.125		0.125	0.105	0.014	0.039	J	0.039	0.108	0.014
Chromium, Total	mg/kg	222		222	0.967	0.226	267		267	0.981	0.229	57.6		57.6	1.05	0.247	20.7		20.7	1.08	0.254
Copper, Total	mg/kg	38.8		38.8	0.967	0.094	39.3		39.3	0.981	0.095	17.4		17.4	1.05	0.102	5.93		5.93	1.08	0.105
Lead, Total	mg/kg	69		69	0.29	0.071	69.7		69.7	0.294	0.072	38.4		38.4	0.316	0.077	11.9		11.9	0.326	0.079
Mercury, Total	mg/kg	0.296		0.296	0.032	0.004	0.296		0.296	0.036	0.005	0.137		0.137	0.039	0.005	0.052		0.052	0.037	0.005
Nickel, Total	mg/kg	19.7		19.7	0.484	0.129	23.1		23.1	0.49	0.131	24.5		24.5	0.527	0.141	8.44		8.44	0.543	0.145
Zinc, Total	mg/kg	69.1		69.1	4.84	1.26	76.6		76.6	4.9	1.27	69.6		69.6	5.27	1.37	24		24	5.43	1.41
Physical																					
Moisture	%	59.8		59.8	0.1	0.1	60.2		60.2	0.1	0.1	63.1		63.1	0.1	0.1	63.6		63.6	0.1	0.1
Solids, Total	%	40.2		40.2	0.1	0.1	39.8		39.8	0.1	0.1	36.9		36.9	0.1	0.1	36.4		36.4	0.1	0.1

	Station ID	MBD-REF_108				
	Sample ID	MBD-REF-108-SED-ARCHIVE				
				Result		
Analyte	Units	Result	Q	1/2 MDL	RL	MDL
Total LMW PAHs						
Acenaphthene	ug/kg	3.88	J	3.88	6.98	1.34
Acenaphthylene	ug/kg	14.3		14.3	6.98	0.824
Anthracene	ug/kg	15.5		15.5	6.98	0.894
Fluorene	ug/kg	5.85	J	5.85	6.98	0.747
Naphthalene	ug/kg	11.5		11.5	6.98	1.15
Phenanthrene	ug/kg	57.6		57.6	6.98	1.47
Total HMW PAHs						
Benz(a)anthracene	ug/kg	57.6		57.6	6.98	1.68
Benzo(a)pyrene	ug/kg	70.8		70.8	6.98	3.11
Benzo(b)fluoranthene	ug/kg	72.7		72.7	6.98	2.32
Benzo(ghi)perylene	ug/kg	59.1		59.1	6.98	0.747
Benzo(k)fluoranthene	ug/kg	51.7		51.7	6.98	1.07
Chrysene	ug/kg	67.1		67.1	6.98	1.63
Dibenz(a,h)anthracene	ug/kg	12.1		12.1	6.98	0.866
Fluoranthene	ug/kg	102		102	6.98	1.32
Indeno(1,2,3-cd)Pyrene	ug/kg	58.4		58.4	6.98	1.75
Pyrene	ug/kg	110		110	6.98	1.94
Total PCBs						
Cl10-BZ#209	ug/kg	0.698	U	0.1005	0.698	0.201
Cl2-BZ#8	ug/kg	0.254	J	0.254	0.698	0.138
Cl3-BZ#18	ug/kg	0.698	U	0.05	0.698	0.1
Cl3-BZ#28	ug/kg	0.698	U	0.0855	0.698	0.171
Cl4-BZ#44	ug/kg	0.698	U	0.0955	0.698	0.191
Cl4-BZ#52	ug/kg	0.533	J	0.533	0.698	0.106
Cl4-BZ#66	ug/kg	0.698	U	0.05	0.698	0.1
Cl5-BZ#101	ug/kg	0.698	U	0.0815	0.698	0.163
Cl5-BZ#105	ug/kg	0.698	U	0.073	0.698	0.146
Cl5-BZ#118	ug/kg	0.698	U	0.077	0.698	0.154
Cl6-BZ#128	ug/kg	0.698	U	0.091	0.698	0.182
Cl6-BZ#138	ug/kg	0.531	J	0.531	0.698	0.117
Cl6-BZ#153	ug/kg	0.327	J	0.327	0.698	0.243
Cl7-BZ#170	ug/kg	0.698	U	0.0445	0.698	0.089
Cl7-BZ#180	ug/kg	0.698	U	0.046	0.698	0.092
Cl7-BZ#187	ug/kg	0.2	J	0.2	0.698	0.131
Cl8-BZ#195	ug/kg	0.698	U	0.086	0.698	0.172
Cl9-BZ#206	ug/kg	0.698	U	0.0875	0.698	0.175
Other PCBs						
Cl4-BZ#49	ug/kg	0.698	U	0.093	0.698	0.186
Cl5-BZ#87	ug/kg	0.698	U	0.0405	0.698	0.081
Cl7-BZ#183	ug/kg	0.698	U	0.0245	0.698	0.049
Cl7-BZ#184	ug/kg	0.698	U	0.05	0.698	0.1

	Station ID	MBD-REF_108				
	Sample ID	MBD-REF-108-SED-ARCHIVE				
Analyte	Units	Result	Q	Result 1/2 MDL	RL	MDL
Total DDx						
4,4'-DDD	ug/kg	0.349	U	0.013	0.349	0.026
4,4'-DDE	ug/kg	0.349	U	0.008	0.349	0.016
4,4'-DDT	ug/kg	0.349	U	0.017	0.349	0.034
Total Chlordane						
cis-Chlordane	ug/kg	0.349	U	0.094	0.349	0.188
cis-Nonachlor	ug/kg	0.349	U	0.0125	0.349	0.025
Heptachlor	ug/kg	0.349	U	0.0275	0.349	0.055
trans-Chlordane	ug/kg	0.349	U	0.0265	0.349	0.053
trans-Nonachlor	ug/kg	0.349	U	0.0115	0.349	0.023
Organic Pesticides						
Aldrin	ug/kg	0.349	U	0.0435	0.349	0.087
Alpha-BHC	ug/kg	0.349	U	0.0265	0.349	0.053
Beta-BHC	ug/kg	0.349	U	0.018	0.349	0.036
Delta-BHC	ug/kg	0.349	U	0.021	0.349	0.042
Dieldrin	ug/kg	0.349	U	0.0265	0.349	0.053
Endosulfan I	ug/kg	0.349	U	0.024	0.349	0.048
Endosulfan II	ug/kg	0.349	U	0.0125	0.349	0.025
Endosulfan sulfate	ug/kg	0.349	U	0.007	0.349	0.014
Endrin	ug/kg	0.349	U	0.0145	0.349	0.029
gamma-BHC	ug/kg	0.349	U	0.0395	0.349	0.079
Heptachlor epoxide	ug/kg	0.698	U	0.056	0.698	0.112
Hexachlorobenzene	ug/kg	0.698	U	0.235	0.698	0.47
Methoxychlor	ug/kg	0.349	U	0.062	0.349	0.124
Oxychlordane	ug/kg	0.698	U	0.054	0.698	0.108
Toxaphene	ug/kg	17.5	U	1.135	17.5	2.27
Metals						
Arsenic, Total	mg/kg	5.72		5.72	0.268	0.035
Cadmium, Total	mg/kg	0.054	J	0.054	0.107	0.014
Chromium, Total	mg/kg	30.5		30.5	1.07	0.251
Copper, Total	mg/kg	8.65		8.65	1.07	0.104
Lead, Total	mg/kg	18.3		18.3	0.321	0.078
Mercury, Total	mg/kg	0.084		0.084	0.037	0.005
Nickel, Total	mg/kg	12.6		12.6	0.536	0.143
Zinc, Total	mg/kg	34.6		34.6	5.36	1.39
Physical						
Moisture	%	62.9		62.9	0.1	0.1
Solids, Total	%	37.1		37.1	0.1	0.1

APPENDIX K – TISSUE CHEMISTRY RESULTS

Notes:

"-" indicates analyte was not calculated for that sample.

J=Estimated value was less than RL.

MDL= Method Detection Limit

RL=Reporting Limit

U=Analyte was non-detect. 1/2 MDL used for summarization.

	Station ID	MBD-REF_105					MBD-REF_106					MBD-REF_108				
	Sample ID	MBD-REF-105-TIS					MBD-REF-106-TIS					MBD-REF-108-TIS				
Analyte	Units	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL	Result	Q	Result 1/2 MDL	RL	MDL
Total LMW PAHs																
Acenaphthene	ug/kg	9.98	U	0.96	9.98	1.92	-	-	-	-	-	9.83	U	0.945	9.83	1.89
Acenaphthylene	ug/kg	9.98	U	0.59	9.98	1.18	-	-	-	-	-	9.83	U	0.58	9.83	1.16
Anthracene	ug/kg	9.98	U	0.64	9.98	1.28	-	-	-	-	-	9.83	U	0.63	9.83	1.26
Fluorene	ug/kg	9.98	U	0.535	9.98	1.07	-	-	-	-	-	9.83	U	0.525	9.83	1.05
Naphthalene	ug/kg	1.95	J	1.95	9.98	1.65	-	-	-	-	-	2.27	J	2.27	9.83	1.62
Phenanthrene	ug/kg	2.39	J	2.39	9.98	2.1	-	-	-	-	-	2.89	J	2.89	9.83	2.06
Total HMW PAHs																
Benz(a)anthracene	ug/kg	9.98	U	1.2	9.98	2.4	-	-	-	-	-	2.77	J	2.77	9.83	2.36
Benzo(a)pyrene	ug/kg	9.98	U	1.255	9.98	2.51	-	-	-	-	-	9.83	U	1.24	9.83	2.48
Benzo(b)fluoranthene	ug/kg	9.98	U	1.66	9.98	3.32	-	-	-	-	-	9.83	U	1.635	9.83	3.27
Benzo(ghi)perylene	ug/kg	9.98	U	0.535	9.98	1.07	-	-	-	-	-	9.83	U	0.525	9.83	1.05
Benzo(k)fluoranthene	ug/kg	9.98	U	0.765	9.98	1.53	-	-	-	-	-	9.83	U	0.75	9.83	1.5
Chrysene	ug/kg	9.98	U	1.16	9.98	2.32	-	-	-	-	-	9.83	U	1.145	9.83	2.29
Dibenz(a,h)anthracene	ug/kg	9.98	U	0.62	9.98	1.24	-	-	-	-	-	9.83	U	0.61	9.83	1.22
Fluoranthene	ug/kg	3.06	J	3.06	9.98	1.89	-	-	-	-	-	3.66	J	3.66	9.83	1.86
Indeno(1,2,3-cd)Pyrene	ug/kg	9.98	U	1.25	9.98	2.5	-	-	-	-	-	9.83	U	1.235	9.83	2.47
Pyrene	ug/kg	4.54	J	4.54	9.98	2.77	-	-	-	-	-	4.68	J	4.68	9.83	2.73
Total PCBs																
Cl10-BZ#209	ug/kg	0.998	U	0.1435	0.998	0.287	-	-	-	-	-	0.983	U	0.1415	0.983	0.283
Cl2-BZ#8	ug/kg	0.998	U	0.099	0.998	0.198	-	-	-	-	-	0.983	U	0.0975	0.983	0.195
Cl3-BZ#18	ug/kg	0.998	U	0.072	0.998	0.144	-	-	-	-	-	0.983	U	0.071	0.983	0.142
Cl3-BZ#28	ug/kg	0.998	U	0.122	0.998	0.244	-	-	-	-	-	0.983	U	0.1205	0.983	0.241
Cl4-BZ#44	ug/kg	0.998	U	0.136	0.998	0.272	-	-	-	-	-	0.983	U	0.134	0.983	0.268
Cl4-BZ#52	ug/kg	0.998	U	0.076	0.998	0.152	-	-	-	-	-	0.983	U	0.0745	0.983	0.149
Cl4-BZ#66	ug/kg	0.998	U	0.0715	0.998	0.143	-	-	-	-	-	0.983	U	0.0705	0.983	0.141
Cl5-BZ#101	ug/kg	0.998	U	0.116	0.998	0.232	-	-	-	-	-	0.983	U	0.1145	0.983	0.229
Cl5-BZ#105	ug/kg	0.998	U	0.104	0.998	0.208	-	-	-	-	-	0.983	U	0.103	0.983	0.206
Cl5-BZ#118	ug/kg	0.998	U	0.11	0.998	0.22	-	-	-	-	-	0.556	J	0.556	0.983	0.217
Cl6-BZ#128	ug/kg	0.998	U	0.13	0.998	0.26	-	-	-	-	-	0.983	U	0.1285	0.983	0.257
Cl6-BZ#138	ug/kg	0.998	U	0.0835	0.998	0.167	-	-	-	-	-	0.781	J	0.781	0.983	0.164
Cl6-BZ#153	ug/kg	0.796	J	0.796	0.998	0.347	-	-	-	-	-	0.788	J	0.788	0.983	0.342
Cl7-BZ#170	ug/kg	0.998	U	0.064	0.998	0.128	-	-	-	-	-	0.983	U	0.063	0.983	0.126
Cl7-BZ#180	ug/kg	0.998	U	0.0655	0.998	0.131	-	-	-	-	-	0.983	U	0.0645	0.983	0.129
Cl7-BZ#187	ug/kg	0.998	U	0.094	0.998	0.188	-	-	-	-	-	0.983	U	0.0925	0.983	0.185
Cl8-BZ#195	ug/kg	0.998	U	0.123	0.998	0.246	-	-	-	-	-	0.983	U	0.121	0.983	0.242
Cl9-BZ#206	ug/kg	0.998	U	0.125	0.998	0.25	-	-	-	-	-	0.983	U	0.1235	0.983	0.247
Other PCBs																
Cl4-BZ#49	ug/kg	0.998	U	0.133	0.998	0.266	-	-	-	-	-	0.983	U	0.131	0.983	0.262
Cl5-BZ#87	ug/kg	0.998	U	0.058	0.998	0.116	-	-	-	-	-	0.983	U	0.057	0.983	0.114
Cl7-BZ#183	ug/kg	0.998	U	0.0352	0.998	0.0704	-	-	-	-	-	0.983	U	0.03465	0.983	0.0693
Cl7-BZ#184	ug/kg	0.998	U	0.072	0.998	0.144	-	-	-	-	-	0.983	U	0.071	0.983	0.142
Total DDx																
4,4'-DDD	ug/kg	0.25	U	0.00935	0.25	0.0187	-	-	-	-	-	0.246	U	0.0092	0.246	0.0184

	Station ID	MBD-REF_105					MBD-REF_106					MBD-REF_108				
	Sample ID	MBD-REF-105-TIS					MBD-REF-106-TIS					MBD-REF-108-TIS				
		Result					Result					Result				
Analyte	Units	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL	Result	Q	1/2 MDL	RL	MDL
4,4'-DDE	ug/kg	0.25	U	0.0057	0.25	0.0114	-	-	-	-	-	0.246	U	0.0056	0.246	0.0112
4,4'-DDT	ug/kg	0.25	U	0.0123	0.25	0.0246	-	-	-	-	-	0.246	U	0.0121	0.246	0.0242
Total Chlordane																
cis-Chlordane	ug/kg	0.25	U	0.0675	0.25	0.135	-	-	-	-	-	0.246	U	0.0665	0.246	0.133
cis-Nonachlor	ug/kg	0.25	U	0.00905	0.25	0.0181	-	-	-	-	-	0.246	U	0.0089	0.246	0.0178
Heptachlor	ug/kg	0.25	U	0.01955	0.25	0.0391	-	-	-	-	-	0.246	U	0.01925	0.246	0.0385
trans-Chlordane	ug/kg	0.25	U	0.01895	0.25	0.0379	-	-	-	-	-	0.246	U	0.0187	0.246	0.0374
trans-Nonachlor	ug/kg	0.25	U	0.0083	0.25	0.0166	-	-	-	-	-	0.246	U	0.0082	0.246	0.0164
Organic Pesticides																
Aldrin	ug/kg	0.25	U	0.0312	0.25	0.0624	-	-	-	-	-	0.246	U	0.0307	0.246	0.0614
Alpha-BHC	ug/kg	0.25	U	0.01895	0.25	0.0379	-	-	-	-	-	0.246	U	0.0187	0.246	0.0374
Beta-BHC	ug/kg	0.25	U	0.01295	0.25	0.0259	-	-	-	-	-	0.246	U	0.0128	0.246	0.0256
Delta-BHC	ug/kg	0.25	U	0.01485	0.25	0.0297	-	-	-	-	-	0.246	U	0.0146	0.246	0.0292
Dieldrin	ug/kg	0.25	U	0.0188	0.25	0.0376	-	-	-	-	-	0.246	U	0.0185	0.246	0.037
Endosulfan I	ug/kg	0.25	U	0.01715	0.25	0.0343	-	-	-	-	-	0.246	U	0.0169	0.246	0.0338
Endosulfan II	ug/kg	0.25	U	0.00885	0.25	0.0177	-	-	-	-	-	0.246	U	0.0087	0.246	0.0174
Endosulfan sulfate	ug/kg	0.25	U	0.0051	0.25	0.0102	-	-	-	-	-	0.246	U	0.00505	0.246	0.0101
Endrin	ug/kg	0.25	U	0.0102	0.25	0.0204	-	-	-	-	-	0.246	U	0.0101	0.246	0.0202
gamma-BHC	ug/kg	0.25	U	0.0282	0.25	0.0564	-	-	-	-	-	0.246	U	0.0278	0.246	0.0556
Heptachlor epoxide	ug/kg	0.499	U	0.04015	0.499	0.0803	-	-	-	-	-	0.492	U	0.0396	0.492	0.0792
Hexachlorobenzene	ug/kg	0.499	U	0.168	0.499	0.336	-	-	-	-	-	0.492	U	0.1655	0.492	0.331
Methoxychlor	ug/kg	0.25	U	0.0444	0.25	0.0888	-	-	-	-	-	0.246	U	0.04375	0.246	0.0875
Oxychlordane	ug/kg	0.499	U	0.03865	0.499	0.0773	-	-	-	-	-	0.492	U	0.0381	0.492	0.0762
Toxaphene	ug/kg	12.5	U	0.81	12.5	1.62	-	-	-	-	-	12.3	U	0.8	12.3	1.6
Metals																
Arsenic, Total	mg/kg	6.26		6.26	0.216	0.0743	4.24		4.24	0.202	0.0695	4.62		4.62	0.235	0.0808
Cadmium, Total	mg/kg	0.081	J	0.081	0.086	0.0227	0.06	J	0.06	0.081	0.0212	0.062	J	0.062	0.094	0.0246
Chromium, Total	mg/kg	1.94		1.94	0.864	0.0778	0.826		0.826	0.808	0.0727	1.02		1.02	0.939	0.0845
Copper, Total	mg/kg	1.97		1.97	0.216	0.0721	1.12		1.12	0.202	0.0675	2.56		2.56	0.235	0.0784
Lead, Total	mg/kg	22.9		22.9	0.086	0.0126	3.15		3.15	0.081	0.0118	19.9		19.9	0.094	0.0137
Mercury, Total	mg/kg	0.027	U	0.003885	0.027	0.00777	0.009	J	0.009	0.025	0.0073	0.01	J	0.01	0.029	0.00848
Nickel, Total	mg/kg	1.43		1.43	0.432	0.0803	1.57		1.57	0.404	0.0752	0.936		0.936	0.469	0.0873
Zinc, Total	mg/kg	21.3		21.3	4.32	0.322	16.4		16.4	4.04	0.301	14.3		14.3	4.69	0.35
Physical																
Lipids	%	1.16		1.16	0.1	0.1	-	-	-	-	-	1.32		1.32	0.1	0.1
Moisture	%	81.3		81.3	0.1	0.1	83.9		83.9	0.1	0.1	84.9		84.9	0.1	0.1