

**Monitoring Report for Seafood Harvested in 2019
from the New Bedford Harbor Superfund Site**

by

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and

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1. Introduction

This report documents the levels of PCBs (polychlorinated biphenyls) measured in edible seafood species caught in New Bedford Harbor and surrounding Buzzards Bay in southeastern Massachusetts in 2019. This seafood monitoring program is part of the ongoing PCB cleanup program for the New Bedford Harbor (NBH) Superfund Site, and was a collaborative effort involving the MA Department of Marine Fisheries (DMF), the MA Department of Environmental Protection, (MassDEP), and the U.S. Environmental Protection Agency Region I (EPA).

Due to the identification of high PCB levels in area seafood, the MA Department of Public Health in 1979 promulgated regulations restricting seafood consumption in three closure areas in and around NBH as shown on Figure 1 (MADPH, 1979). NBH was subsequently listed as a Superfund site in 1983. Per the 1998 Record of Decision (ROD) (EPA, 1998) for the Site, as modified by six Explanation of Significant Differences (ESDs), approximately 1 million cubic yards (cy) of PCB-contaminated sediments are to be removed. Based on the 2013 supplemental Consent Decree settlement, the cleanup is estimated to take another five to complete. Consistent with the 1998 ROD, this seafood monitoring program will aid in the evaluation of the overall effectiveness of the harbor cleanup, as well as assist in the implementation of institutional controls and seafood restrictions.

2. Seafood Monitoring Program Design

Based on previous investigations and risk assessments performed for the NBH Site, a variety of species were selected for this monitoring program that are considered locally caught seafood; are generally available for field collection; and which bracket potential worse case tissue levels (MassDEP, 2019). In previous sampling rounds, these species include lobster (*Homarus americanus*), blue crabs (*Carcinus maenas*), quahog (i.e., hard shelled clam, *Mercenaria mercenaria*), alewife (*Alosa pseudoharengus*), American eel (*Anguilla rostrata*), black sea bass (*Centropristes striatus*), winter flounder (*Pseudopleuronectes americanus*), and scup (*Stenotomus chrysops*). The goal of this seafood monitoring program is to acquire annual collections of these species in sufficient numbers from all three closure areas to enable statistical comparisons between them, but with the understanding that some species may not necessarily be caught in sufficient numbers every year.

To meet this goal, the monitoring design calls for five composite samples for each species from each of the three closure areas. Based on previous site sampling experience, modifications have been made to the original sampling approach. The species collected for 2019 were alewife, black sea bass, blue crab, bluefish, conch, lobster, pre-spawn quahog, scup, striped bass, and tautog.

Each composite sample consists of legally harvestable organisms. The quahog composited sample generally consists of 13 organisms per location. The conch composited sample consists of 8 to 12 organisms per location.

In addition to comparing the results of this monitoring to past and future seafood monitoring results, the results of this seafood monitoring program will be compared to the current U.S. Food and Drug Administration's (FDA's) criteria for PCBs in commercial seafood of 2 parts per million (ppm). It was exceedances of the FDA criteria in NBH seafood which prompted promulgation of the state's seafood closure areas in 1979 (the FDA criteria at that time was 5 ppm). In addition to comparisons to the current FDA level, and as explained in the 1998 ROD, EPA will compare the results of the seafood monitoring program to a risk-based site-specific threshold of 0.02 ppm PCBs. Consistent with CERCLA and the NCP, the selected remedy for the Site (EPA, 1998, Section X) uses a health-based seafood criteria of 0.02 ppm PCBs based on local patterns of seafood consumption which involve more frequent consumption of local PCB-contaminated seafood than that used by the FDA standard.

3. 2019 Field Collection

The DMF on-site field sampling program included the collection of alewife, black sea bass, conch, lobster, pre-spawn quahog, scup, striped bass, and tautog. The DMF off-site field sampling program included the collection of black sea bass, pre-spawn quahog, scup, and tautog. The Wood (MassDEP's Contractor) on-site field sampling program included the collection of blue crab, bluefish, and striped bass. The Wood off-site field sampling program included the collection of conch, lobster, and scup. The Sampling Report for species collected in 2019 by DMF is in Appendix C (MA DMF, 2020) and by Wood is in Appendix D (Wood, 2020).

The alewife were collected in April (Figure 2) using a net. The black sea bass were collected in May to August (Figures 3 and 11) using a fish pot. The blue crabs were collected in September (Figure 4) using pots. The bluefish were collected in June and September (Figures 4 and 5) using a hook and line. The conchs were collected in October to December (Figures 6 and 12) using conch pots. The lobsters were collected in July, October, and November (Figures 7 and 12) using bailed pots. The quahogs were collected pre-spawn in May (Figures 8 and 11) using a rake and diver. The scup were collected in May to October (Figures 9 and 12) using a hook and line. The striped bass were collected in June and September (Figures 4 and 5) using a hook and line. The tautog were collected in May to September (Figures 10 and 11) using fish pots.

Complete collection information including the dates collected, identification information, species, station identification, latitude and longitude, and collection method are included on the Field Collection Forms in Appendices C and D. All samples were delivered frozen to Alpha Woods Hole Labs (Alpha) in Mansfield, MA for analysis.

4. Analytical Chemistry

The seafood samples were analyzed for 148 PCB congeners by GC/MS-SIM (gas chromatography/mass spectrometry-selective ion monitoring) based on EPA Methods 680 and 8270D. In previous sampling rounds starting in 2003 to 2016, 136 PCB congeners had been analyzed. The additional twelve PCB congeners did not significantly add to the total concentrations (see Appendix E), thus allowing comparisons with previous site data. The

148 congeners measured included the eighteen NOAA (National Oceanic and Atmospheric Administration) list congeners and the twelve WHO '98 (1998 World Health Organization) list of dioxin-like congeners. Two congeners, BZ #105 and #118, appear on both lists. The NOAA congener list was used by the MA DMF in its analysis of Area III lobsters from 1988 - 1998, while Aroclors had been used previous to this. The NOAA list typically represents approximately 45% of the total PCB in marine tissue (NOAA, 1993).

The congeners quantitated in this effort are listed in the New Bedford Harbor Superfund Site Quality Assurance Project Plan Revision 14 (MassDEP, 2019a). The WHO '98 congeners were included to enable the evaluation of risks to human health due to the presence of any dioxin-like PCB congeners, if deemed necessary.

Tissue from the collected specimens was filleted, sub-sampled and/or composited as necessary for sample homogenization, extraction and analysis. The first step in the analytical process for the quahog samples was the compositing of thirteen individual samples from each location; these were combined to form one composite sample per location. For each group, the entire mass collected from each sample was homogenized using a tissuemizer and approximately five grams of wet sample tissue was sub-aliquoted for extraction. Samples were then extracted using EPA method 3570 Microscale Solvent Extraction (MSE) techniques (spin extraction with acetone/methylene chloride in a sealed vessel).

The extract was concentrated, and the lipid portion removed. The final extract was cleaned (see below) for a separate PCB analysis. Following sample cleanup, extracts were dried and concentrated using the Kuderna-Danish (K-D) method, brought up to final volume and analyzed. Extract cleanup was performed using Alumina Column Cleanup. Gel Permeation Chromatography (GPC), Sulfuric Acid Cleanup, and/or Silica Gel Cleanup are also employed as appropriate, based on the sample extracts.

Sample analysis using GC/MS-SIM allowed identification and quantitation of congeners using selected PCB congeners from BZ1 to BZ209. The identification of the specific congeners was accomplished by comparing their mass spectra with the electron impact spectra of the calibration standards. Congener concentrations were determined using mean relative response factors from a multi-level calibration curve. Response factors for congeners were determined relative to internal standard technique. A multi-point curve was used for the individual congeners to demonstrate the linear range of the instrument. Continuing calibrations assured linearity remained for the duration of the analysis. Laboratory SOPs are available in the Quality Assurance Project Plan Revision 14 (MassDEP, 2019a) should further details on chromatographic conditions, quality control criteria, and other elements of the analysis be needed. While lipid content was reported, the wet weight PCB concentrations reported herein are not lipid normalized.

The data validation summary for the laboratory analysis is presented in Appendix B (Wood, 2020a).

5. Results and Discussion

As with previous studies of sediments, water column, seafood, and air at the NBH Site, the current data set demonstrates a generally decreasing trend (north to south) of PCB levels in locally caught seafood. In other words, tissue PCB levels decrease proportionally with the distance from the primary source of PCBs to the upper harbor (the Aerovox facility). Figures 12 to 24 graphically summarize the current data, and Tables 1 to 11 tabulates the totals and averages of the congener sample results.

PCBs are a group of similar organic molecules featuring a “figure-eight” structure of two bonded benzene rings with chlorine atoms attached at up to ten different attachment sites. Theoretically, up to 209 different PCB congeners (or molecular variations) are possible, yet only about 120 of these are found in the natural environment. Furthermore, NOAA has demonstrated that 18 specific congeners are the most pervasive and generally make up almost half of the PCB mass in marine tissues. In addition, WHO considers the twelve specific dioxin-like congeners to present the greatest risk to human health. As noted above in Section 4, two congeners, BZ #105 and BZ #118, are included in both the NOAA and the WHO congener sets.

Overall, the current data set indicate continued levels of PCBs in NBH area seafood above the 1998 ROD’s site-specific target level of 0.02 ppm. There were no alewife, black sea bass, conch, lobster meat, quahog, scup, or tautog samples above the FDA level of 2 ppm PCBs. The following samples had PCB concentrations above the FDA level of 2 ppm: blue crab at 2 stations (1A and 1 B) maximum concentration 4.4 ppm PCBs; bluefish at 7 stations (1A to 1E, 2A, and 2C) maximum concentration 11 ppm PCBs; lobster tomalley at 7 stations (2A, 2B, 2D, 3B, 3C, 3D, and 3E) maximum concentration 29 ppm PCBs; and striped bass at 2 stations (1D and 1E) maximum concentration 11 ppm PCBs. The off-site samples in Marion, MA for the conch, lobster meat, quahog, and tautog were below the EPA’s site-specific target level of 0.02 ppm. Some of the off-site samples for the black sea bass, lobster tomalley, and scup were above the EPA’s site-specific target level of 0.02 ppm.

It should be noted that these PCB levels do not apply to seafood caught by the harbor’s commercial fishing fleet (except for quahog and conch collected commercially in Areas 2 and 3) as this seafood is caught significantly further offshore than the three PCB closure areas at the New Bedford Harbor Superfund Site. However, these results do indicate the need to continue the outreach program to inform and educate the local communities and recreational sport fishermen about the fishing bans.

The seafood sampling program has been on-going since 2002, the previous year’s reports can be found at the EPA’s web site at www.epa.gov/new-bedford-harbor under “Technical Documents”.

6. References

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NOAA, 1993. NOAA Technical Memorandum NOA ORCA 71. National Status and Trends Program for Marine Environmental Quality. Sampling and Analytical Methods of the National Status and Trends Program National Benthic Surveillance and Mussel Watch Projects, 1984-1992. Volume 1. Silver Springs, Maryland. July 1993.

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Wood, 2020a. Data Validation Summary, MassDEP, NBH Superfund Site, Seafood Contaminant Survey Monitoring 2019 Sampling, February 4, 2020.

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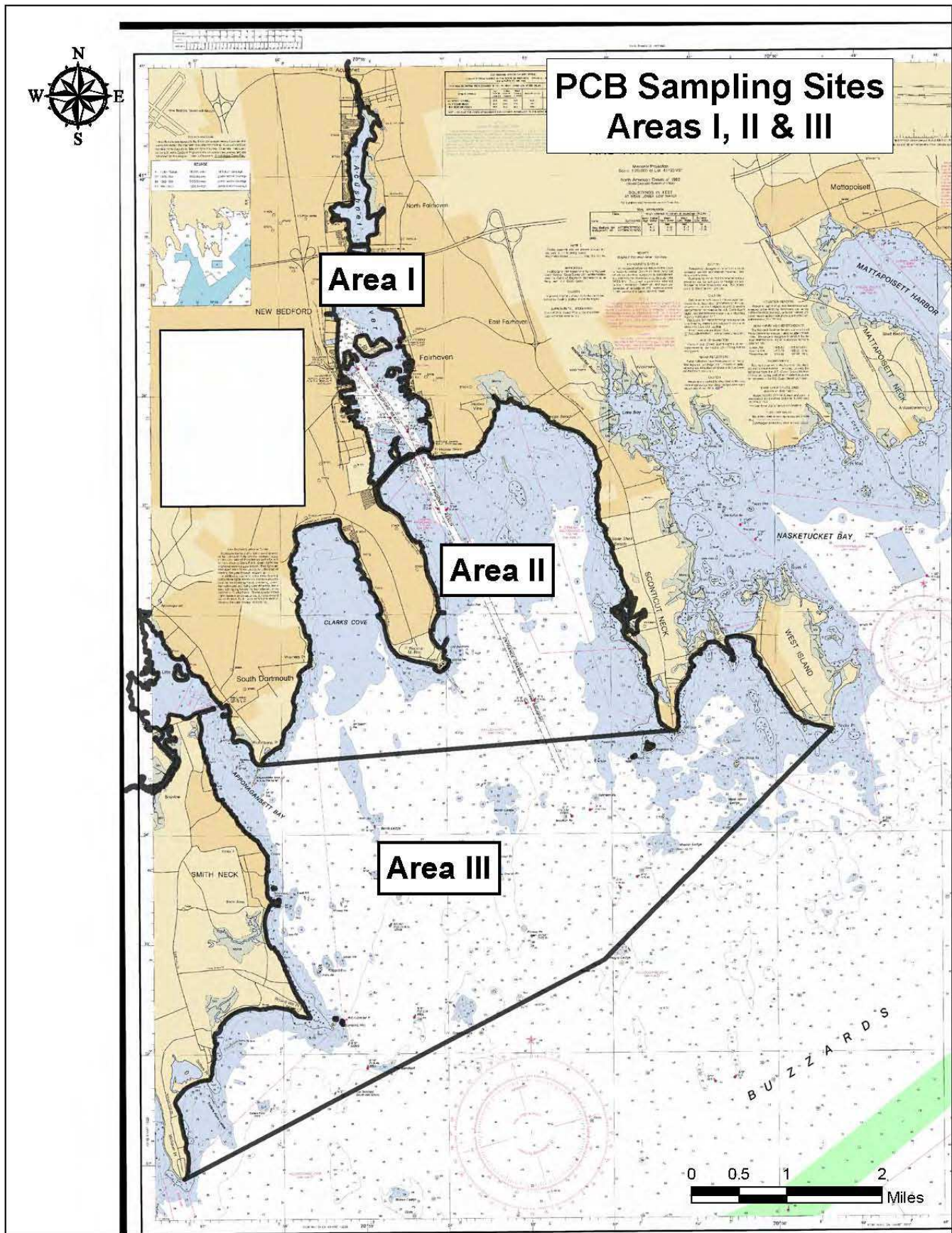


Figure 1 Fish Closure Areas I to III

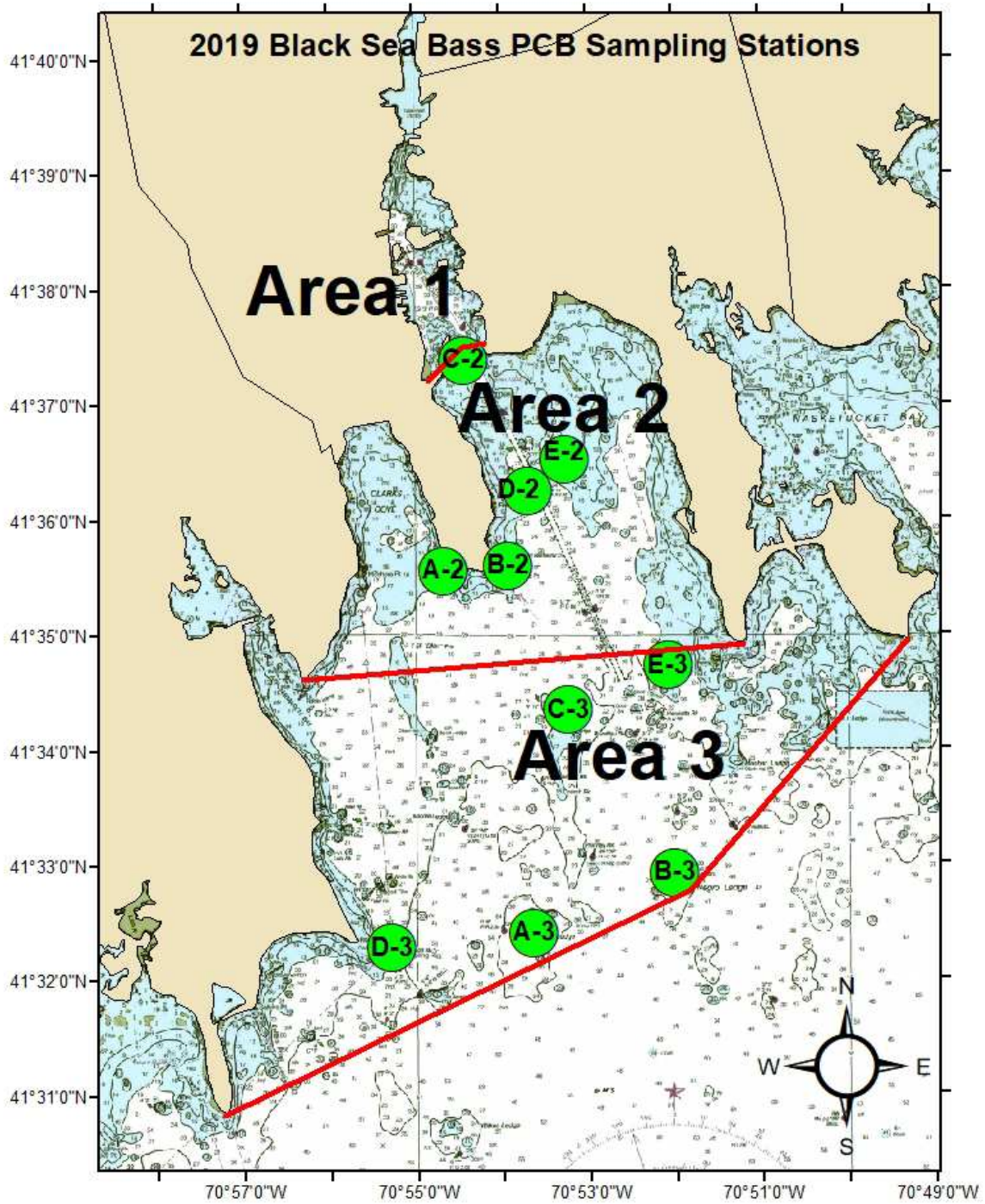


Figure 3 Black Sea Bass Sample Locations Areas II & III

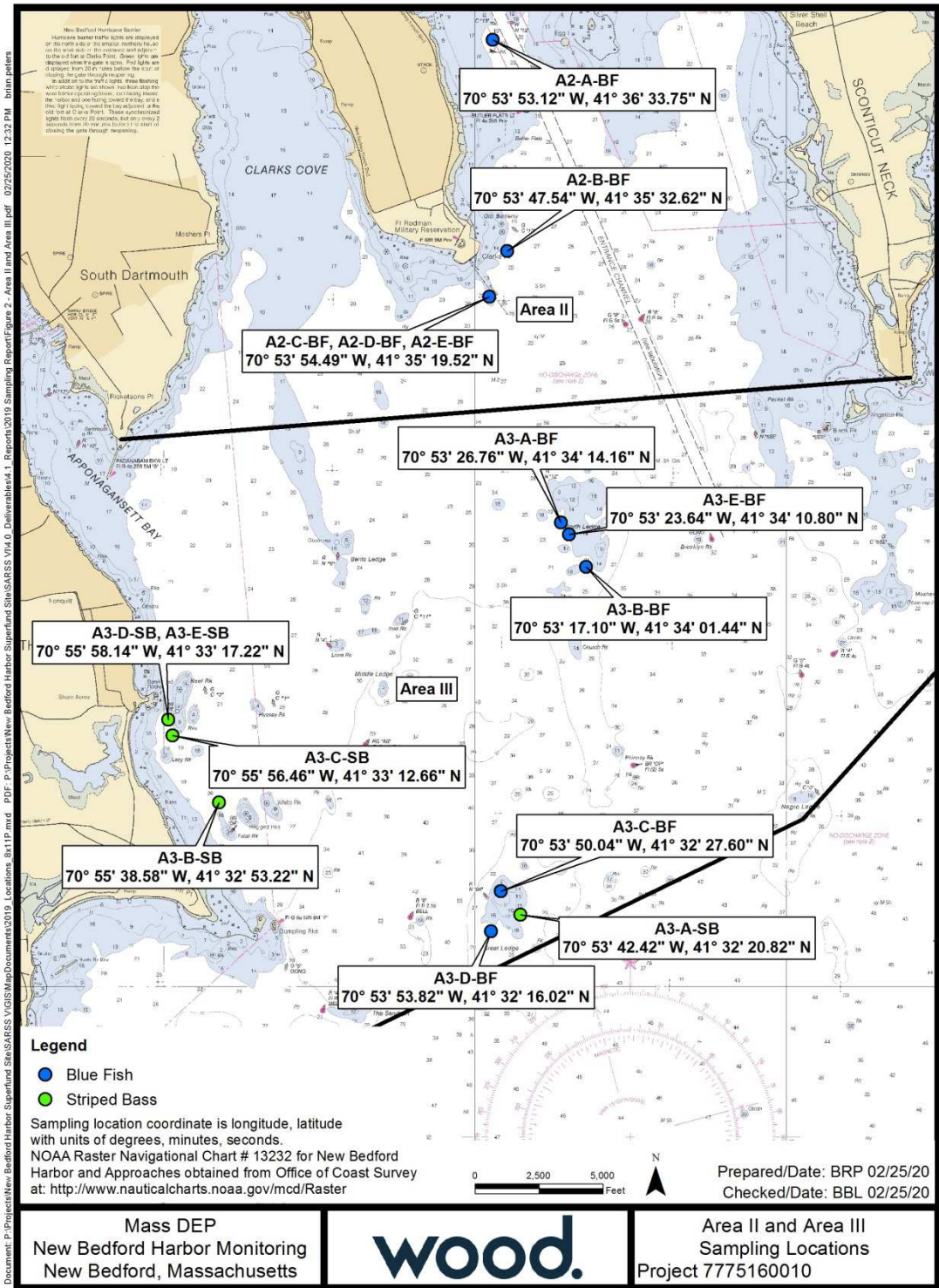


Figure 5 Bluefish and Striped Bass Sample Locations Areas II & III

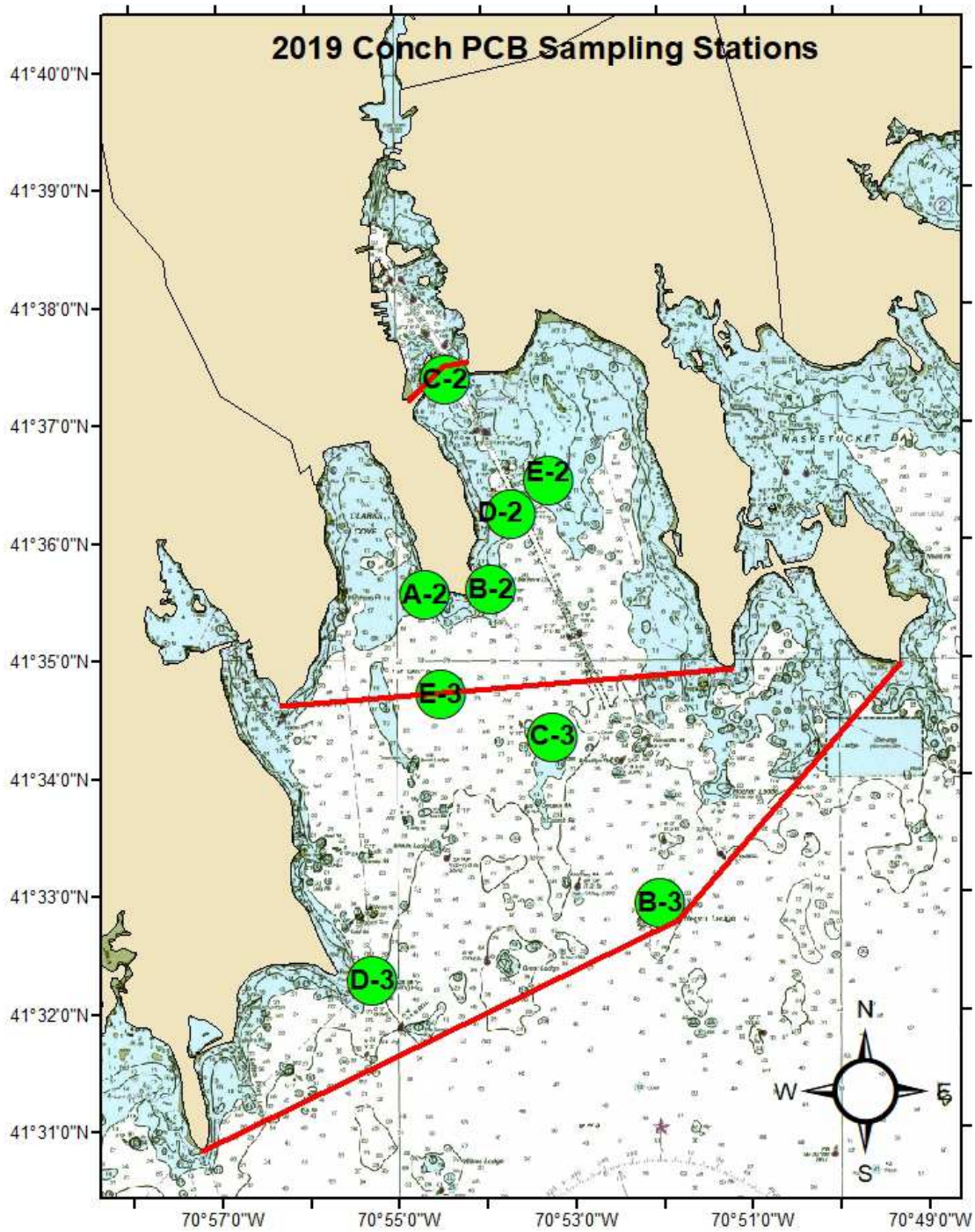


Figure 6 Whelk (Conch) Sample Locations Areas II & III

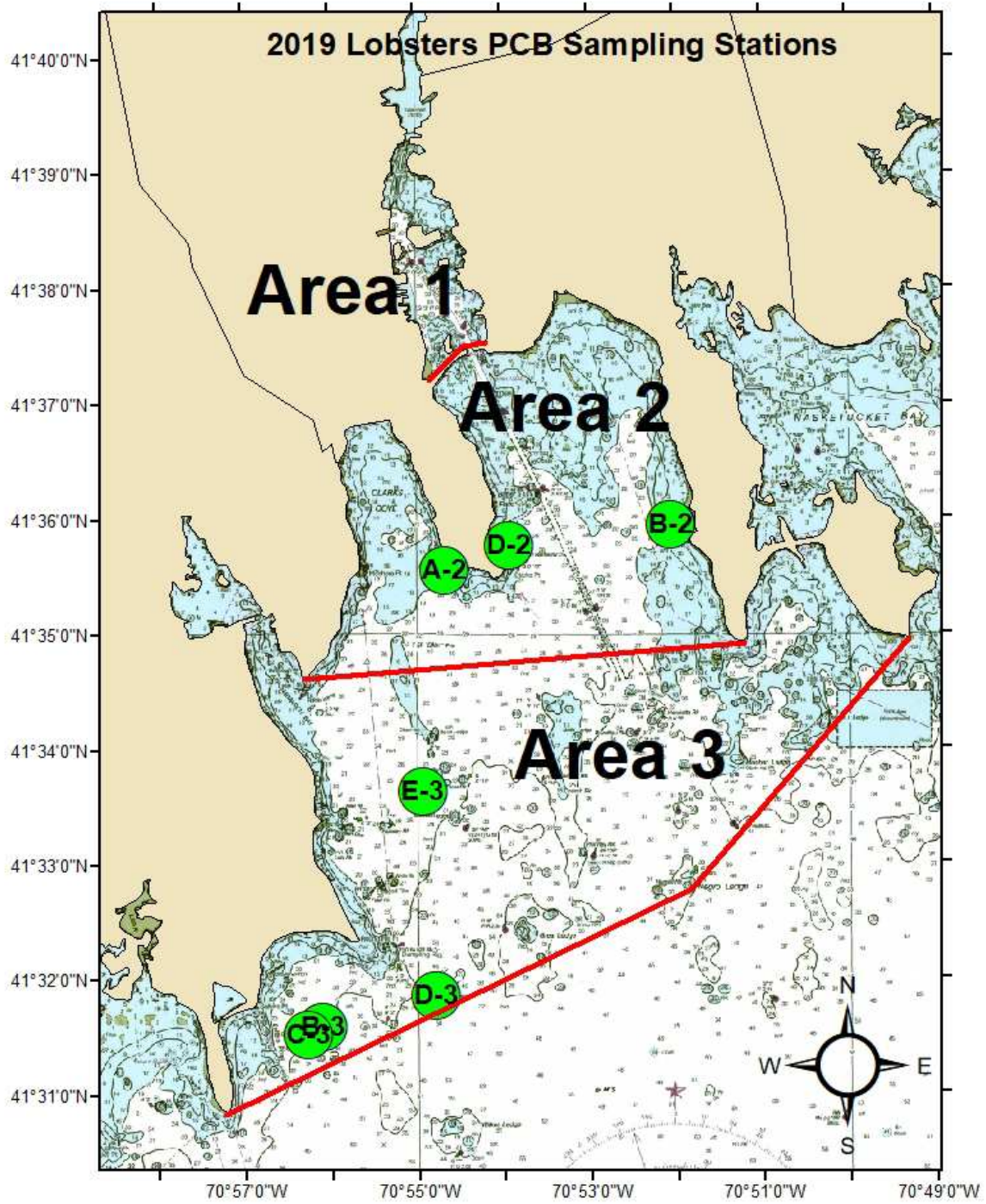


Figure 7 American Lobster Sample Locations Areas II & III

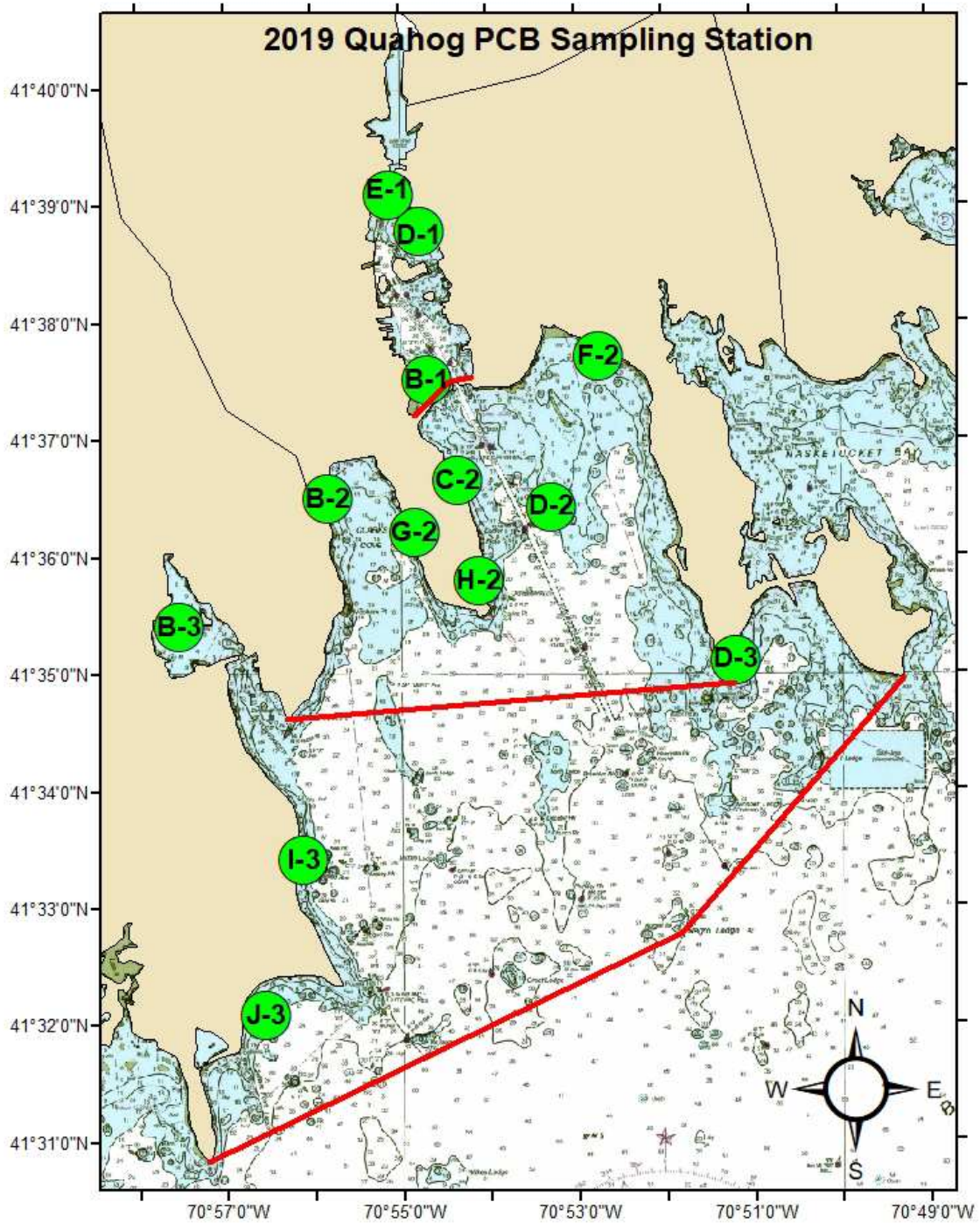


Figure 8 Quahog (Pre-spawn) Sample Locations Areas I to III

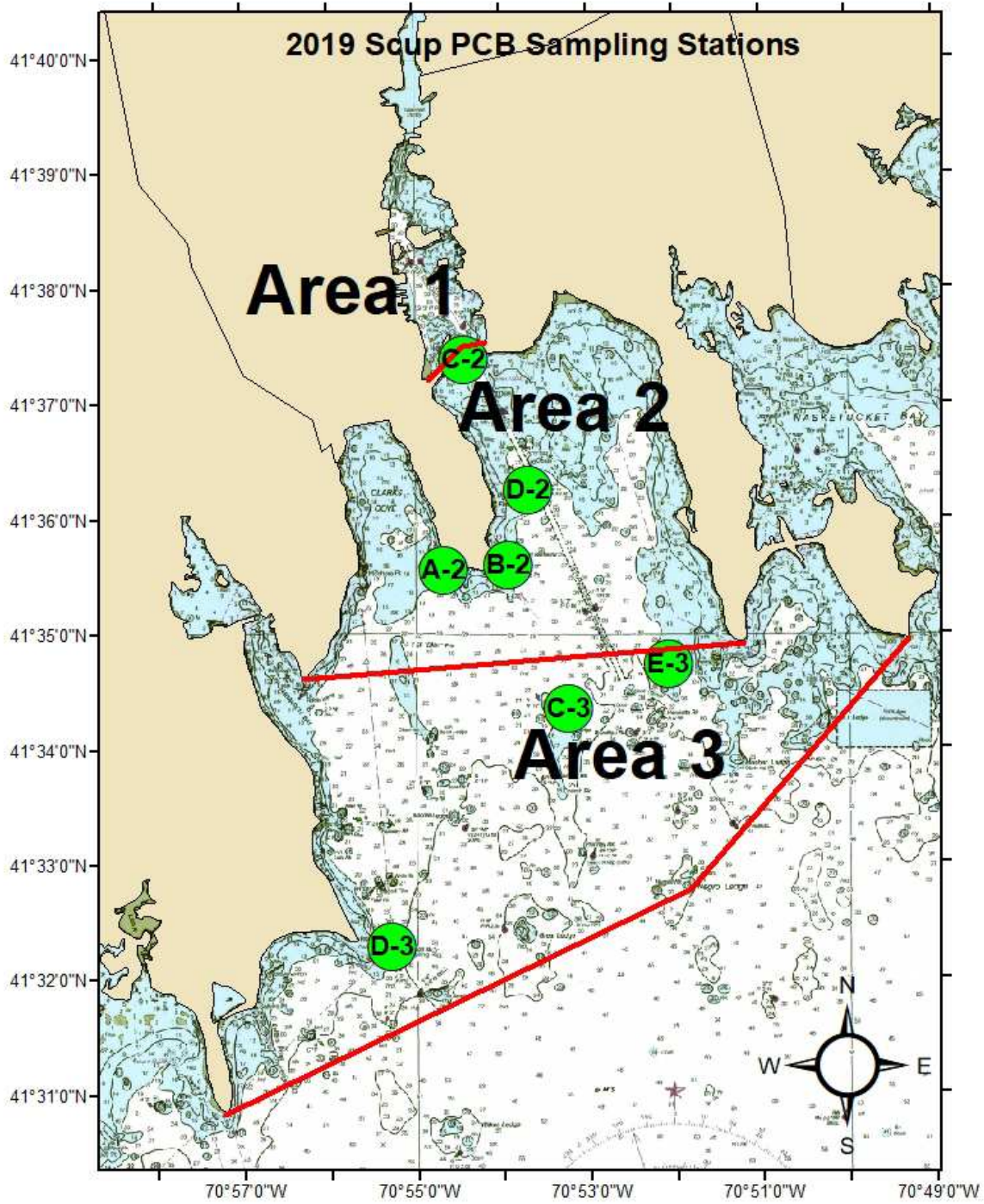


Figure 9 Scup Sample Locations Areas II and III

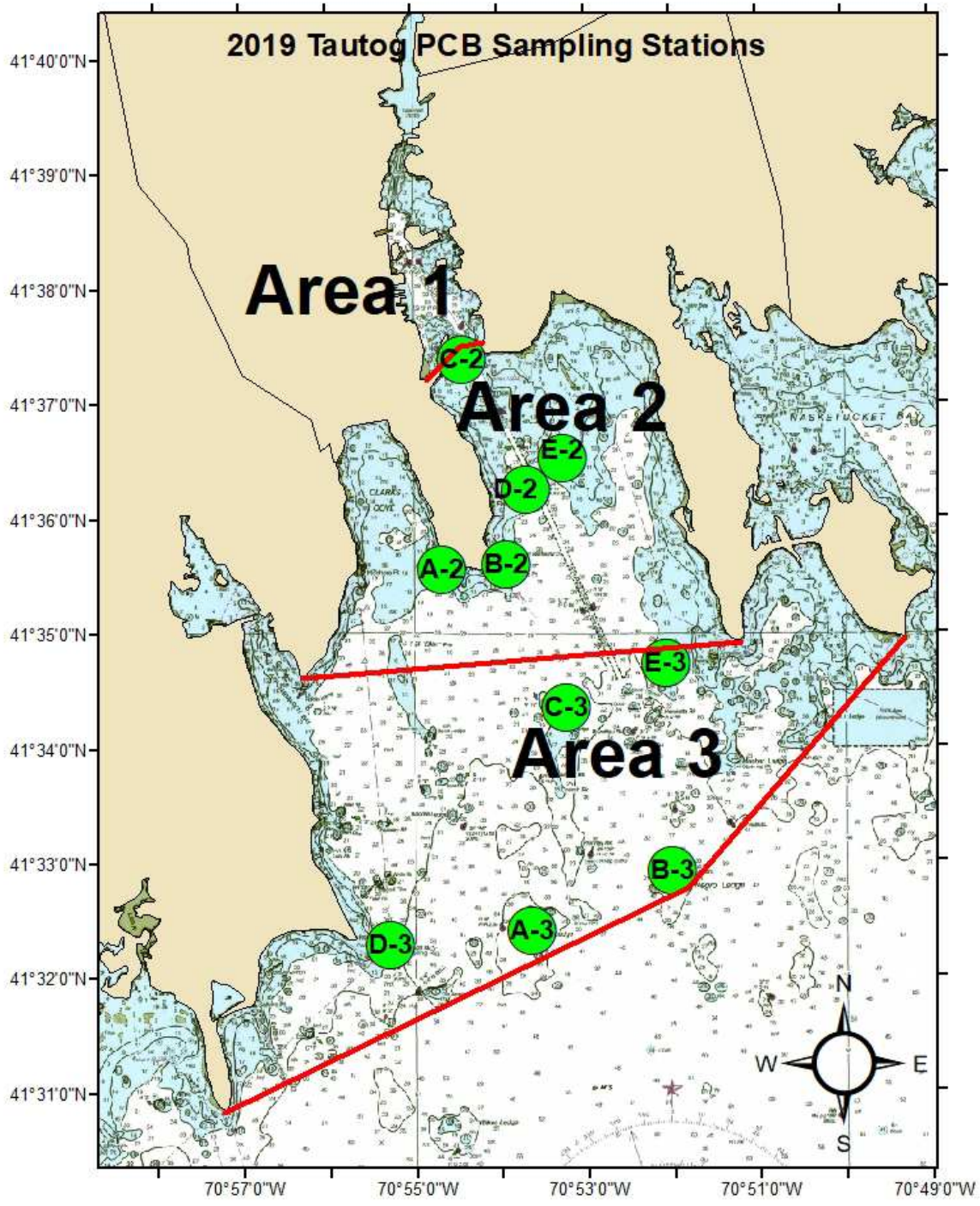


Figure 10 Tautog Sample Locations Areas II and III

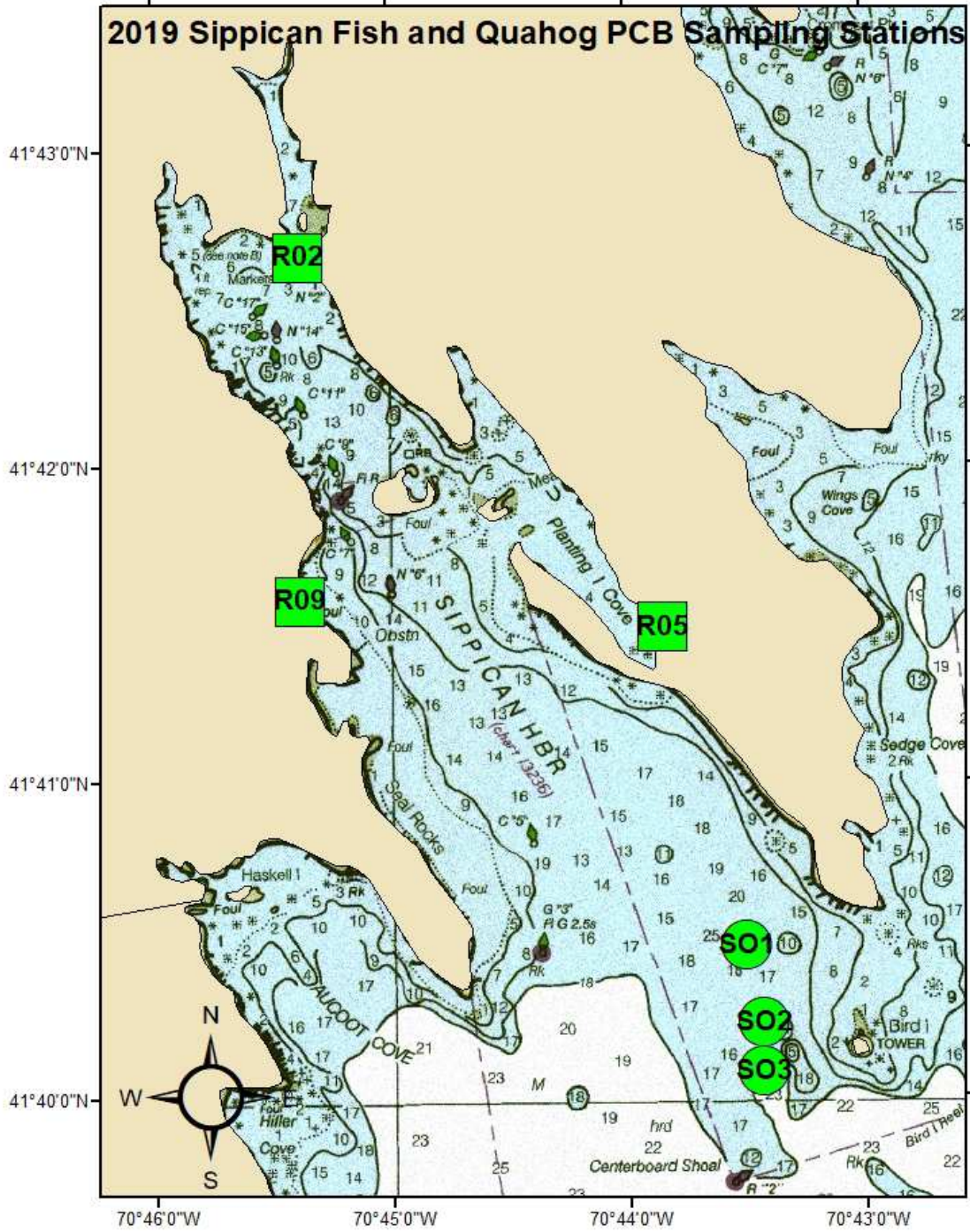


Figure 11 Fish and Quahog Sample Locations Off-Site

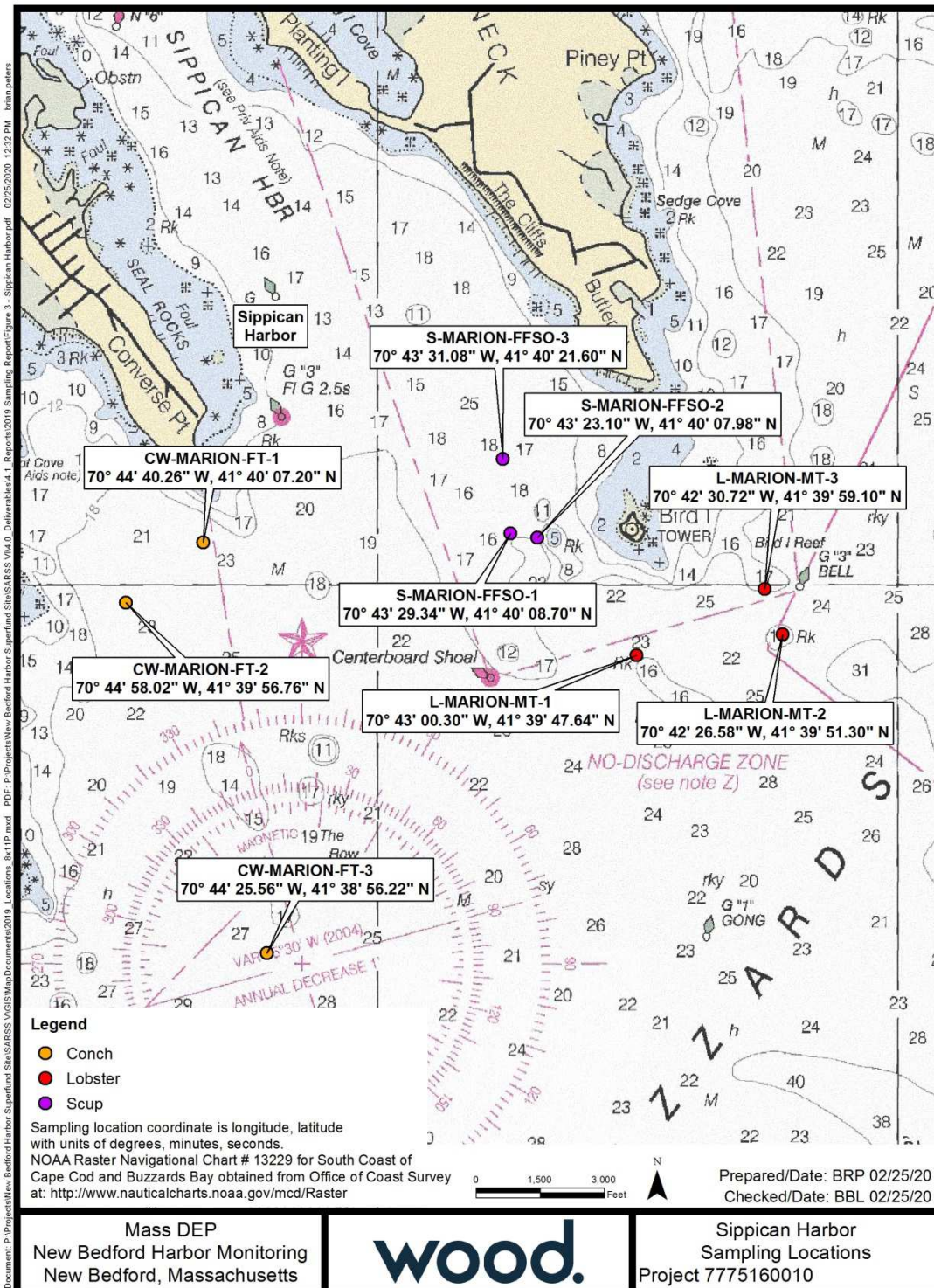


Figure 12 Conch, Lobster, and Scup Sample Locations Off-Site

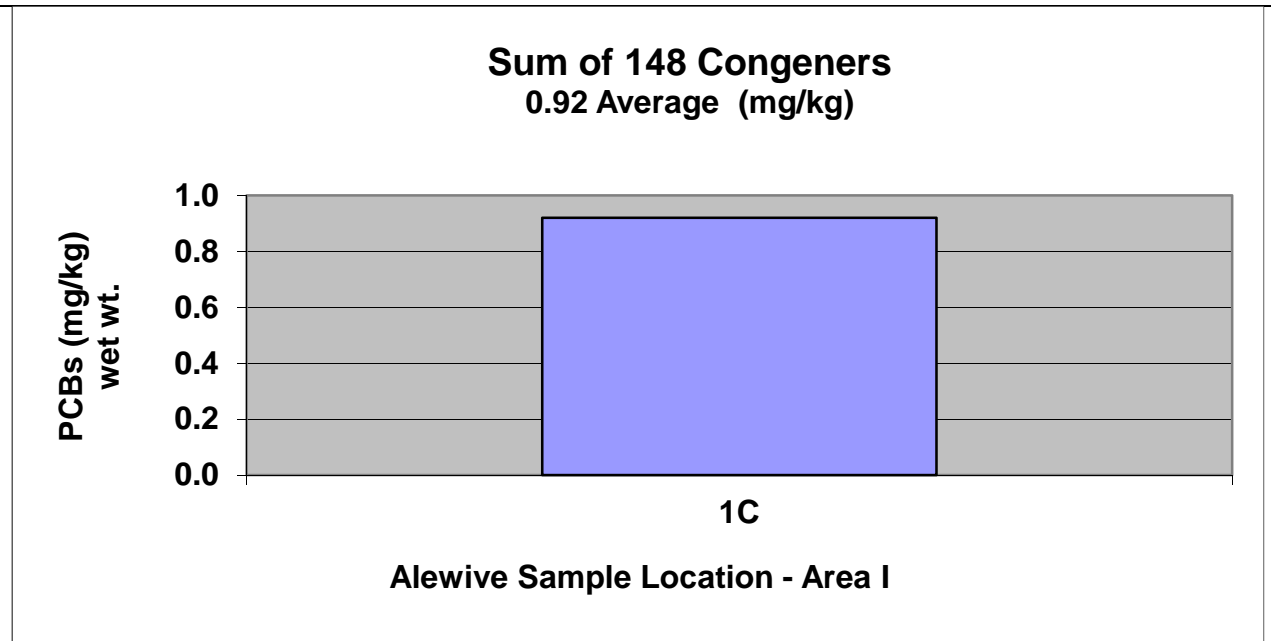


Figure 13 PCBs Concentrations in Alewife Area I - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 1, and do not included the ½ detection limits.

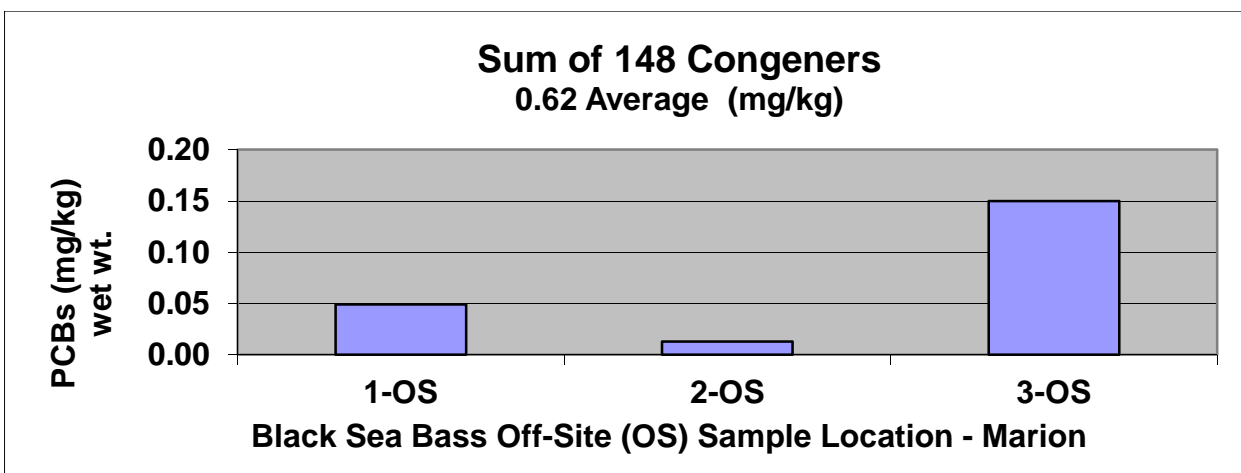
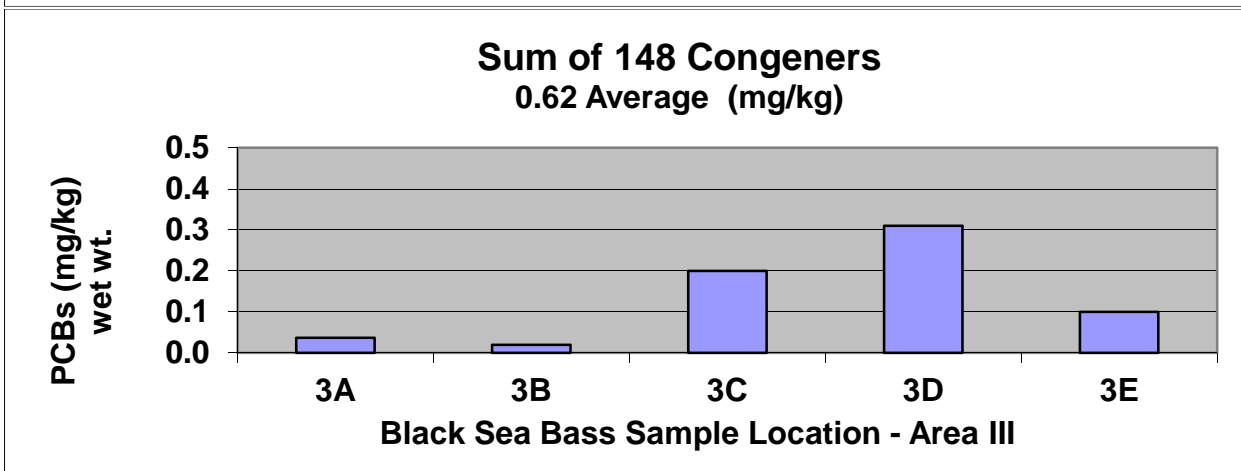
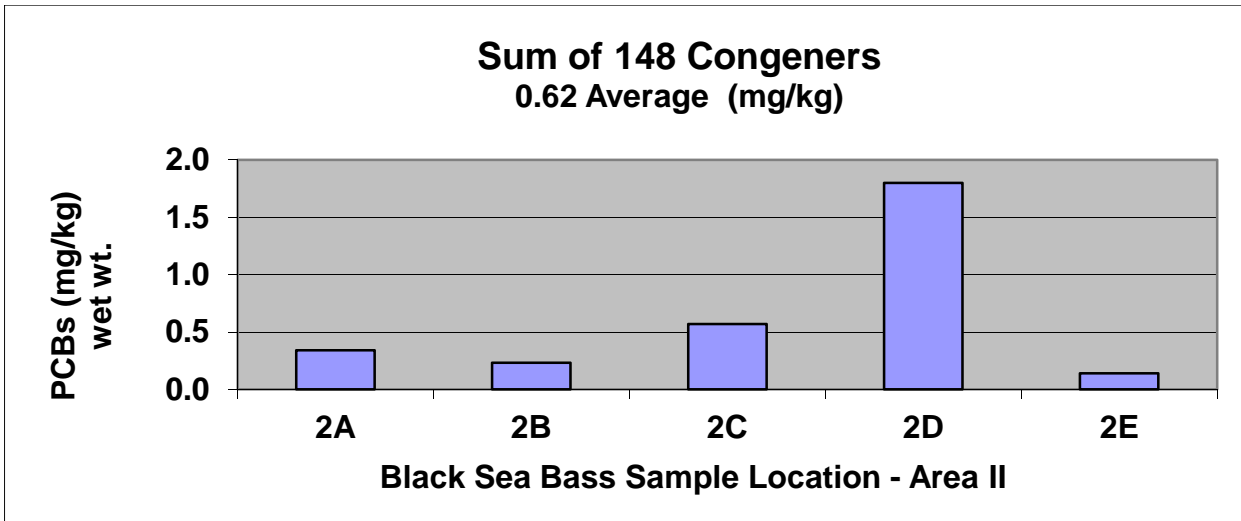


Figure 14 PCBs Concentrations in Black Sea Bass Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 2, and do not include the ½ detection limits

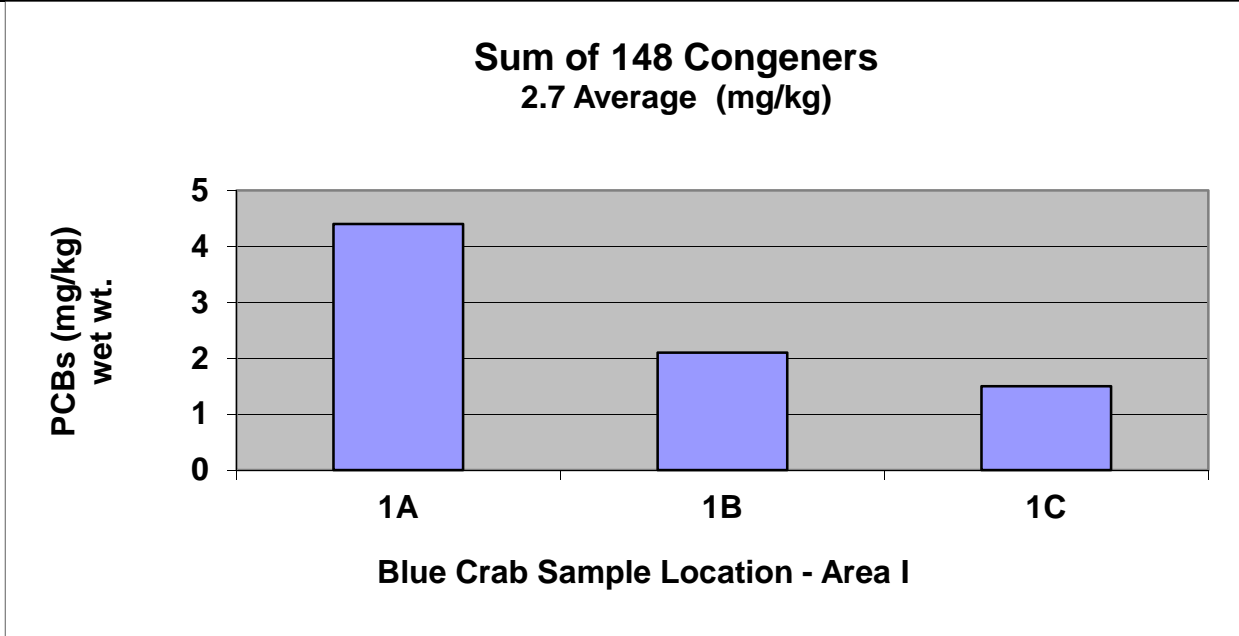


Figure 15 PCBs Concentrations in Blue Crab Area I - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 3, and do not included the ½ detection limits.

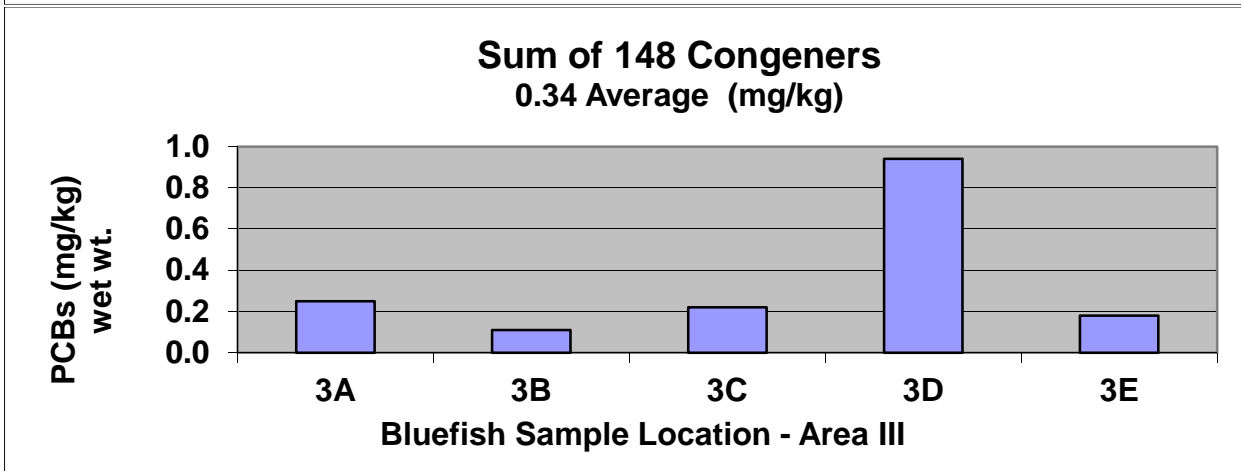
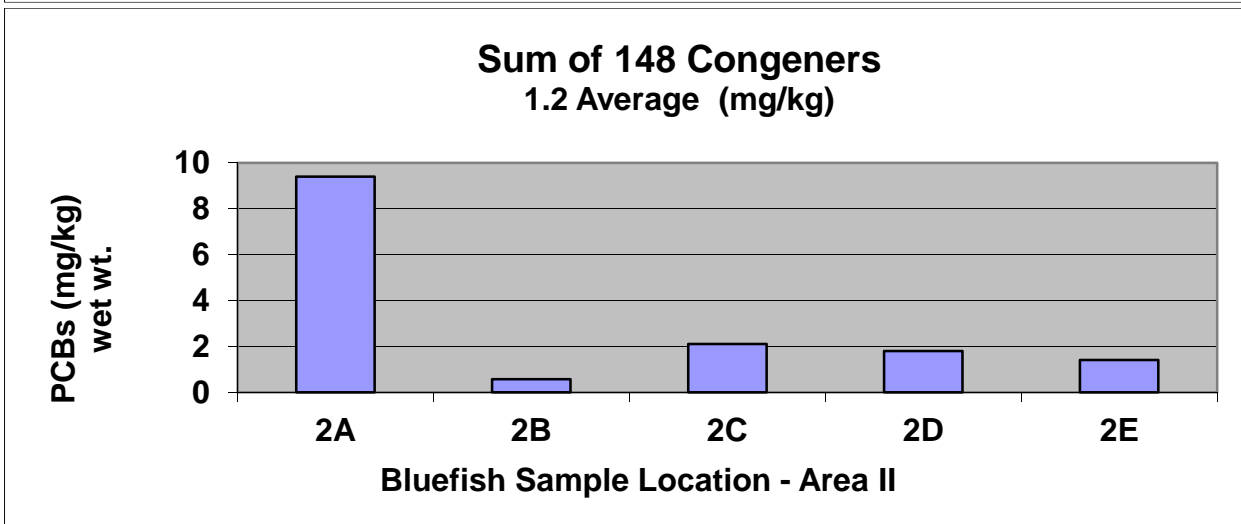
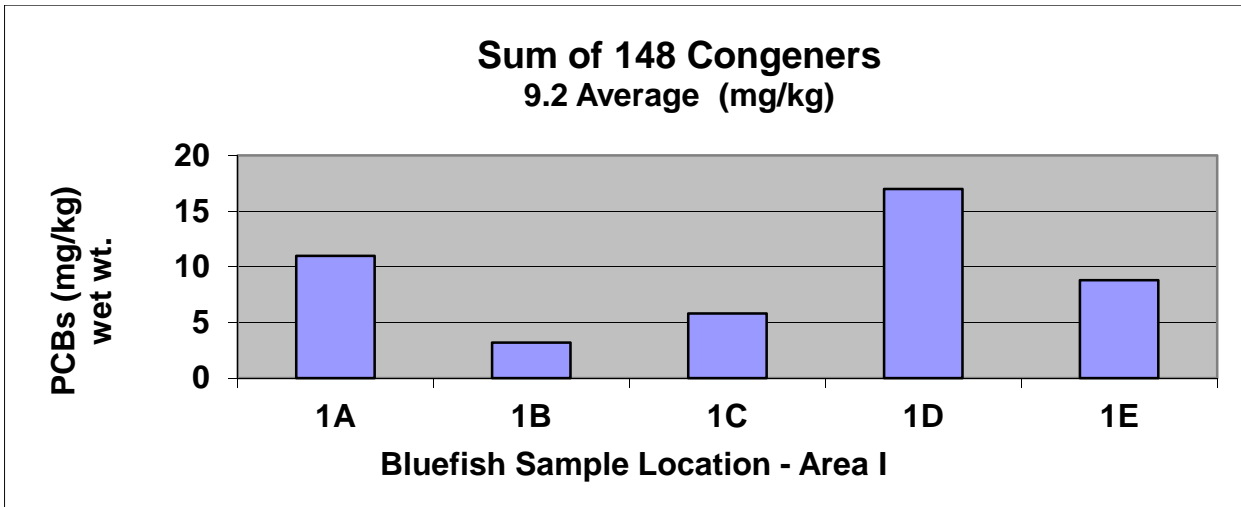


Figure 16 PCBs Concentrations in Bluefish Areas I to III - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 4, and do not include the ½ detection limits

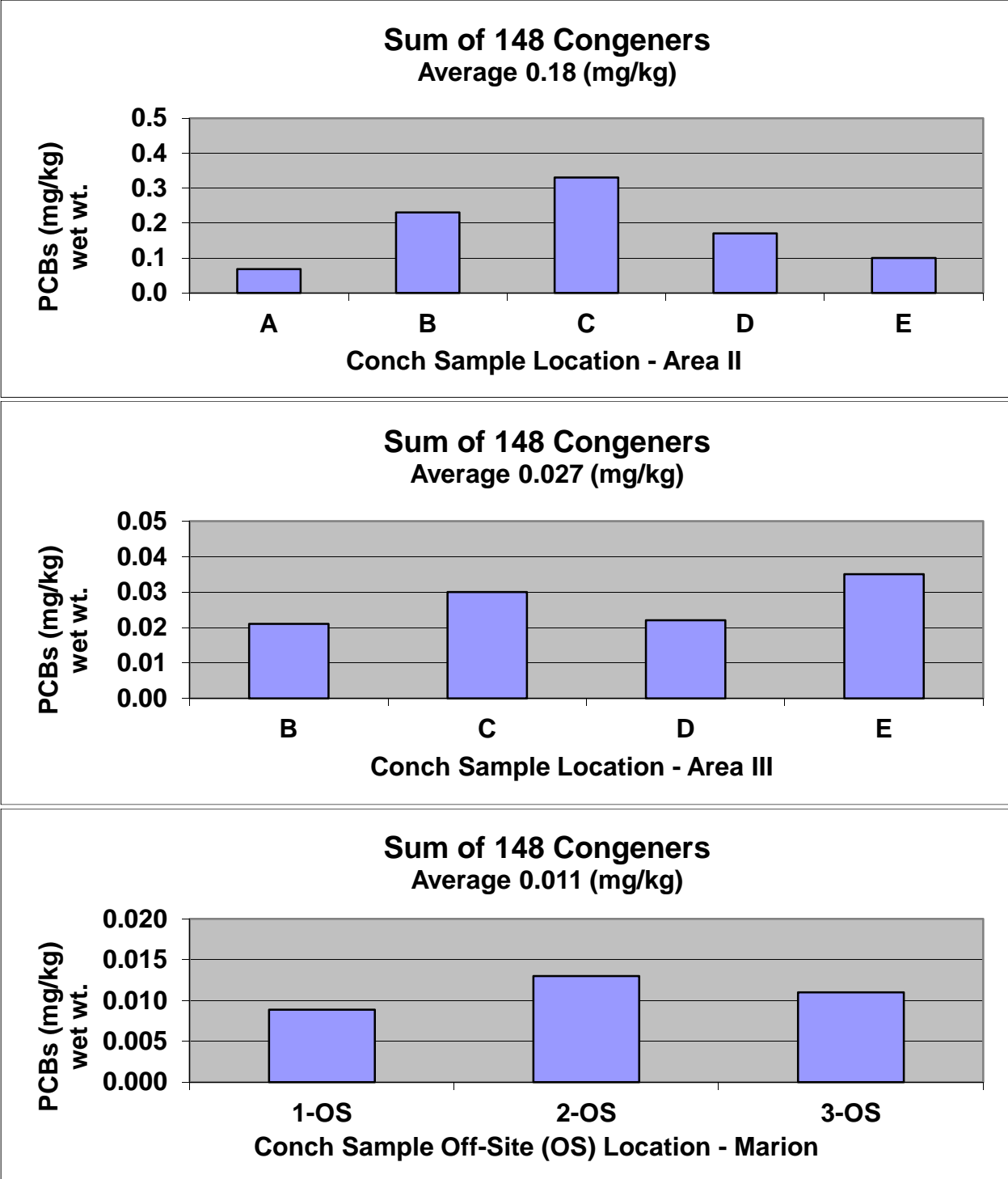


Figure 17 PCBs Concentrations in Conch Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 5, and do not include the ½ detection limits

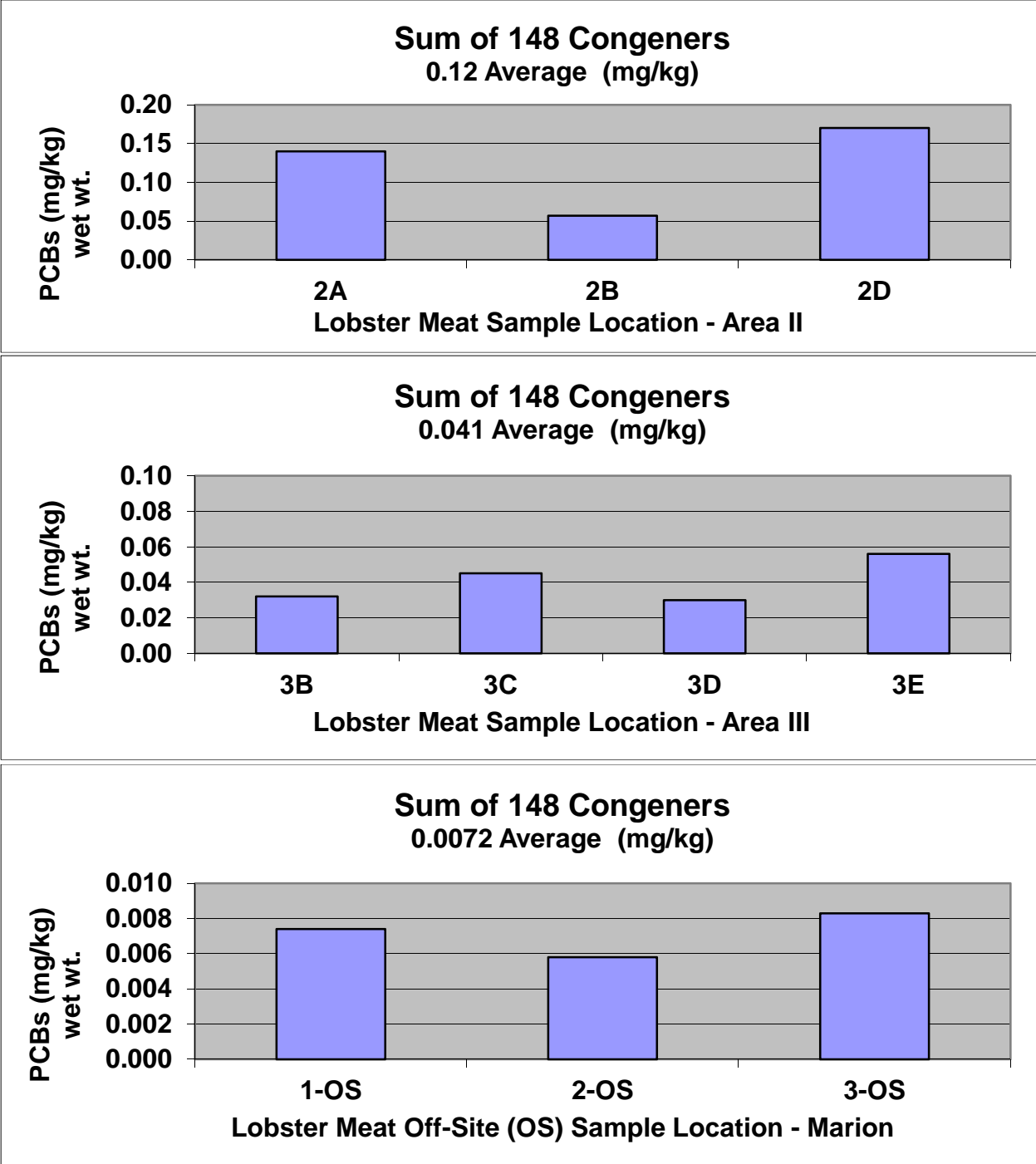


Figure 18 PCBs Concentrations in Lobster Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 5 of Table 6 , and do not included the ½ detection limits

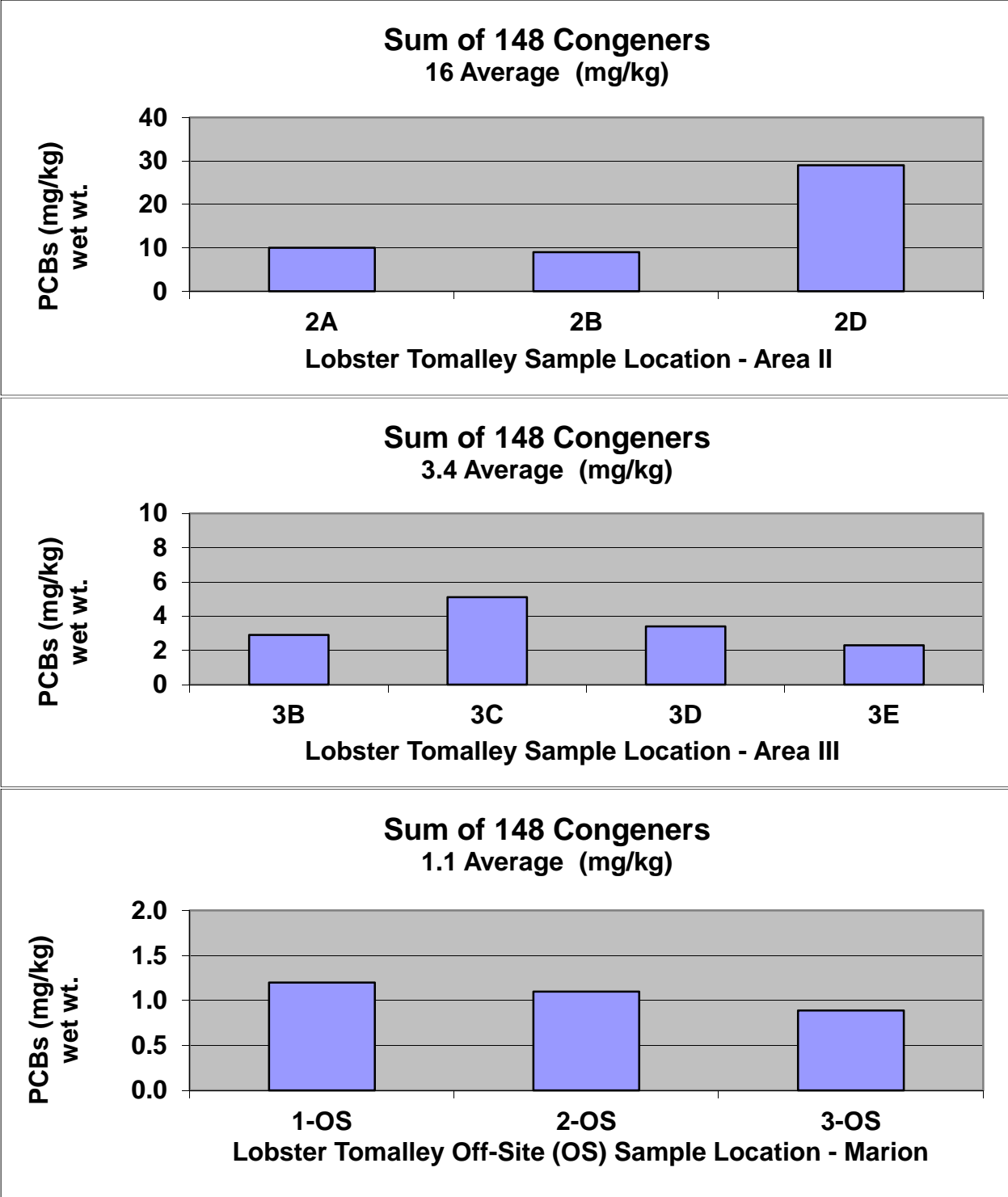


Figure 19 PCBs Concentrations in Lobster Tomalley Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 5 of Table 6, and do not included the ½ detection limits

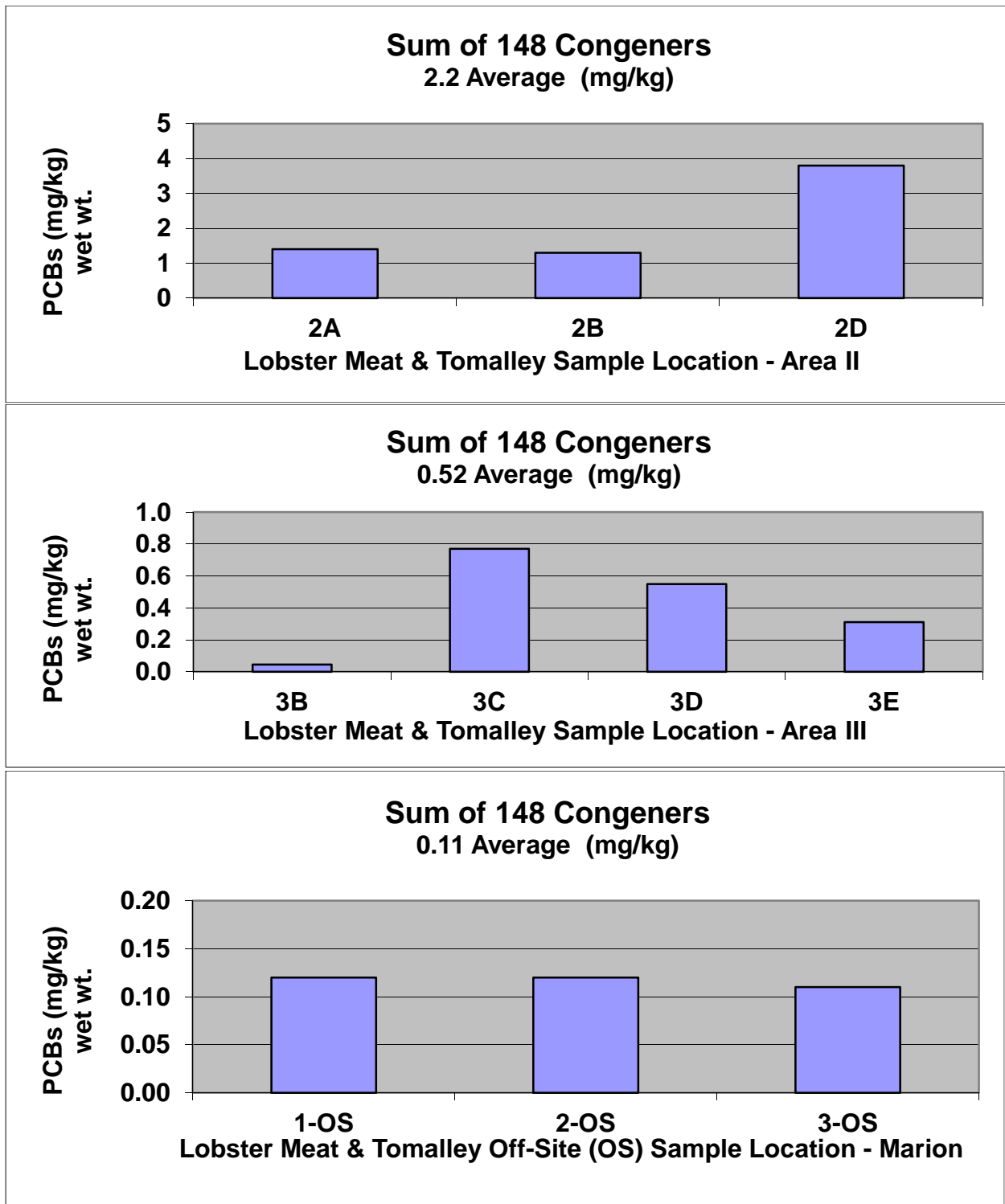


Figure 20 PCBs Concentrations in Lobster Meat & Tomalley Areas II, III & Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Table 7, and do not included the ½ detection limits

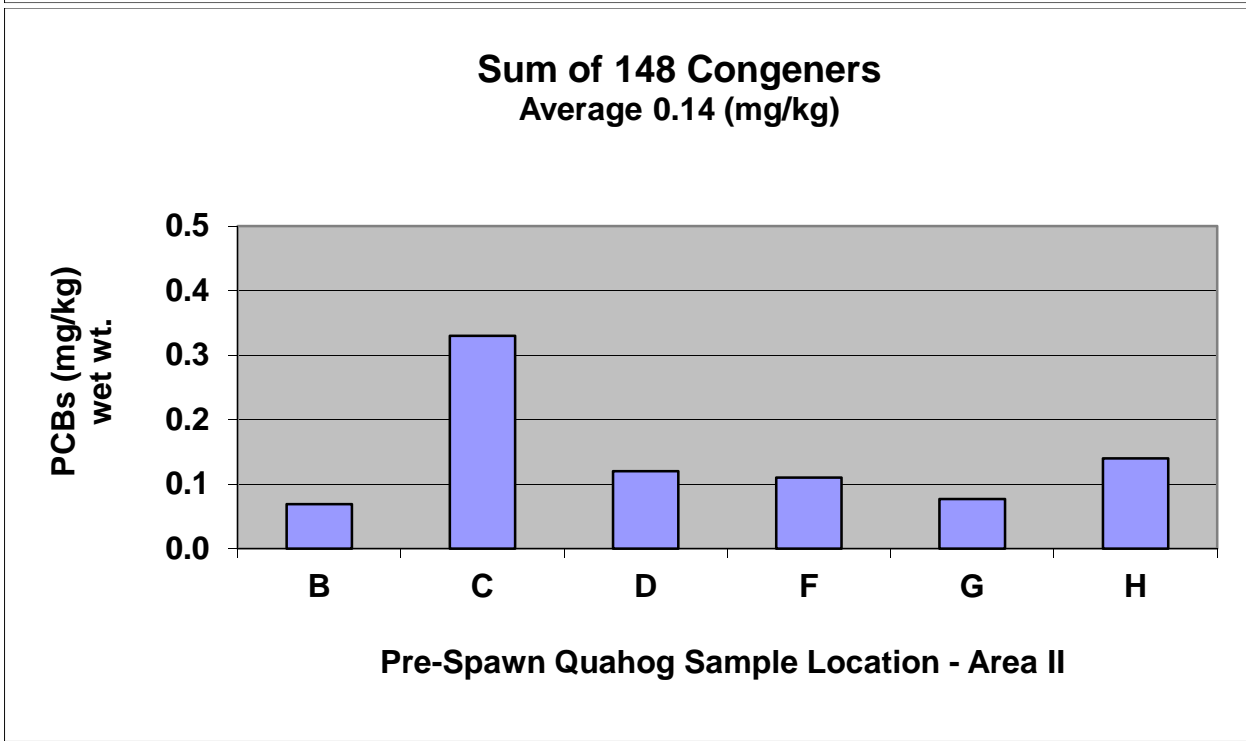
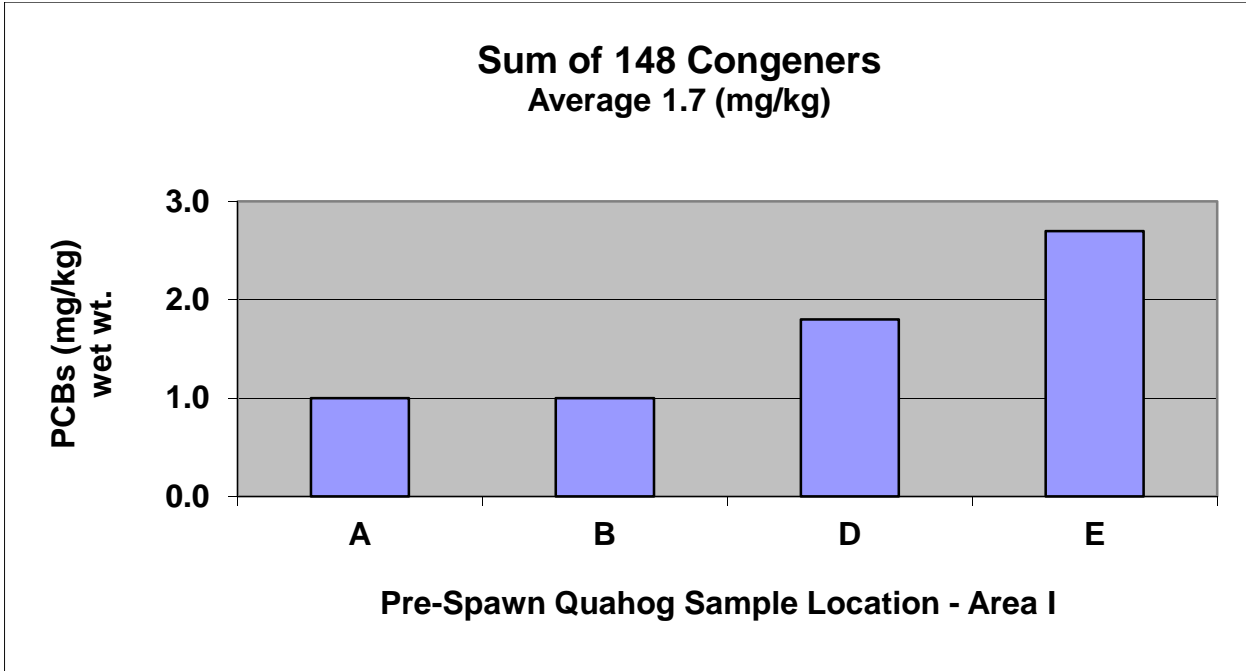


Figure 21 PCBs Concentrations in Pre-Spawn Quahog Areas I and II - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 8, and do not included the ½ detection limits.

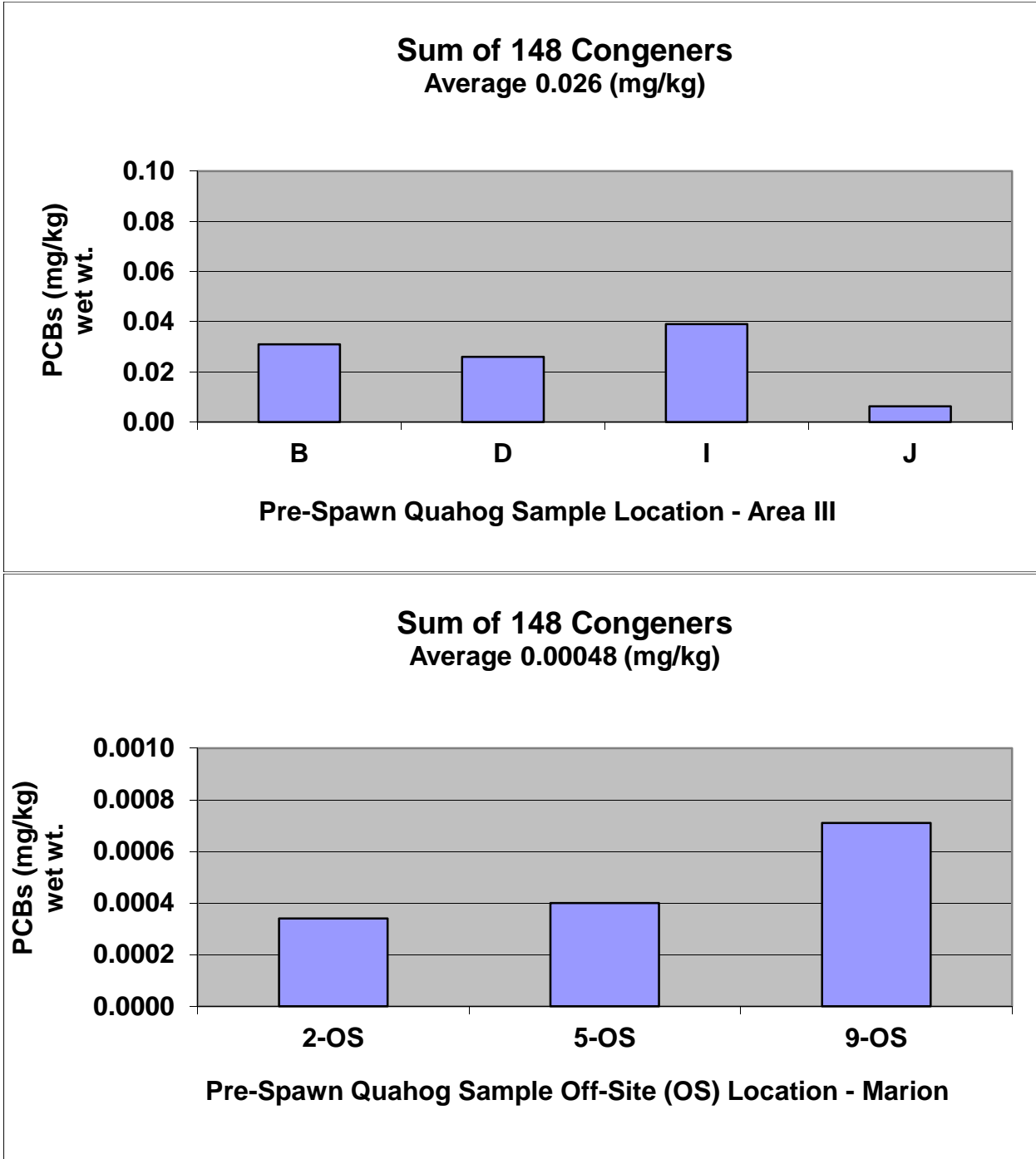


Figure 22 PCBs Concentrations in Pre-Spawn Quahog Areas III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 8, and do not included the ½ detection limits.

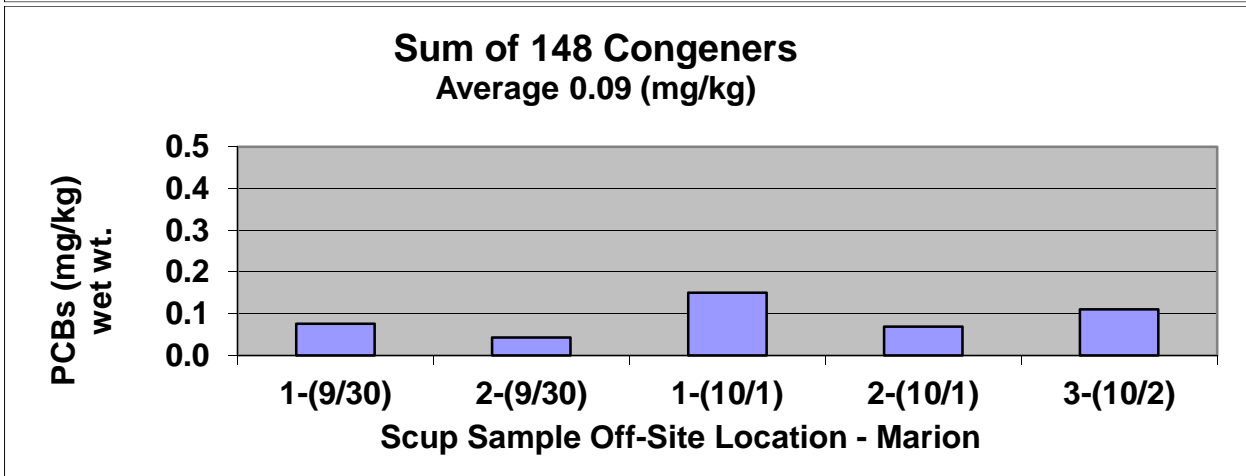
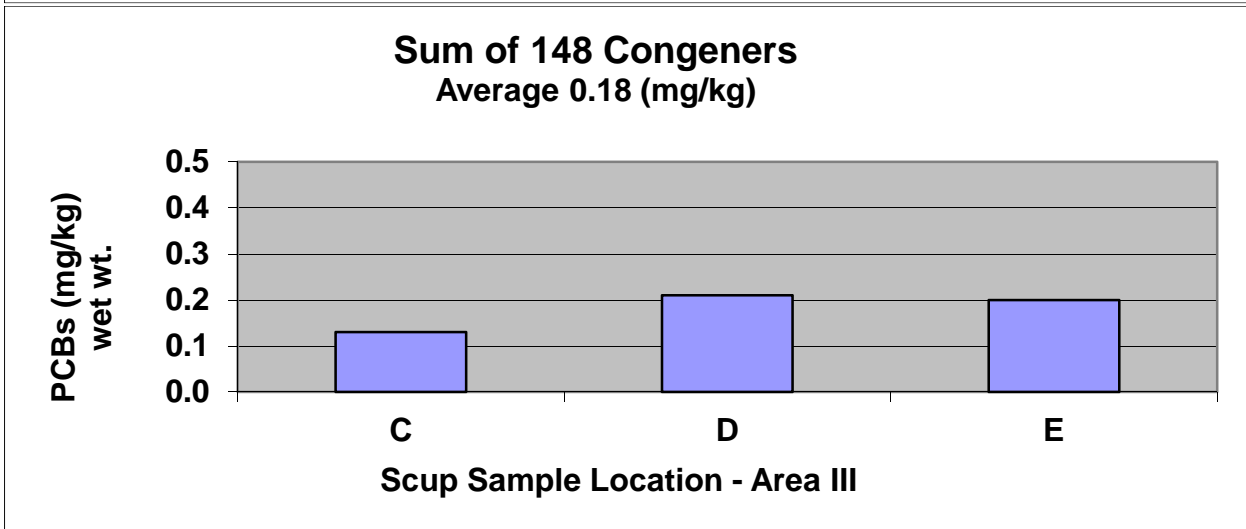
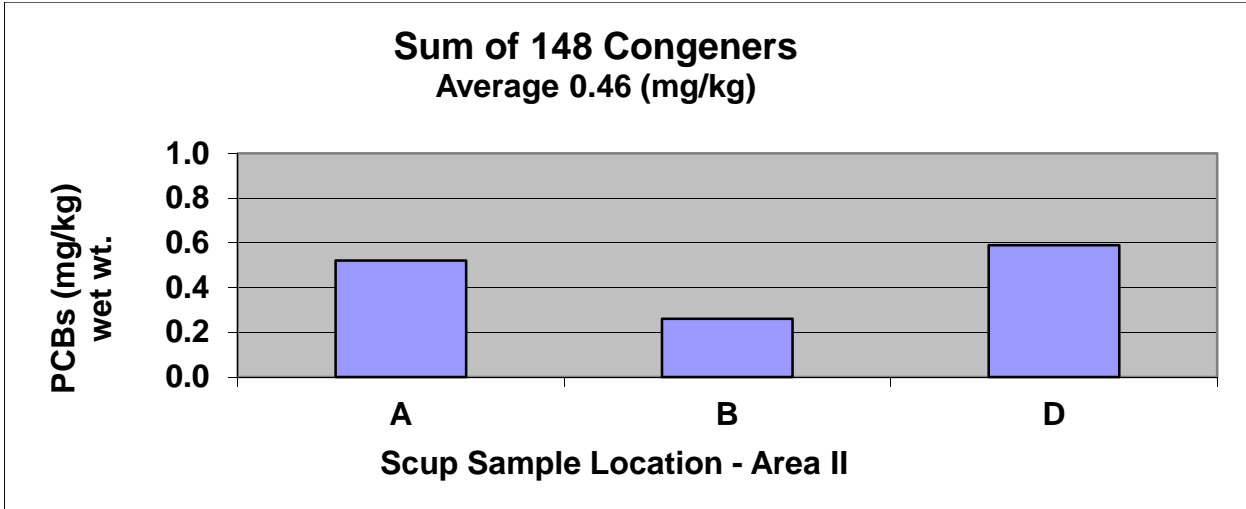


Figure 23 PCBs Concentrations in Scup Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 9, and do not included the ½ detection limits.

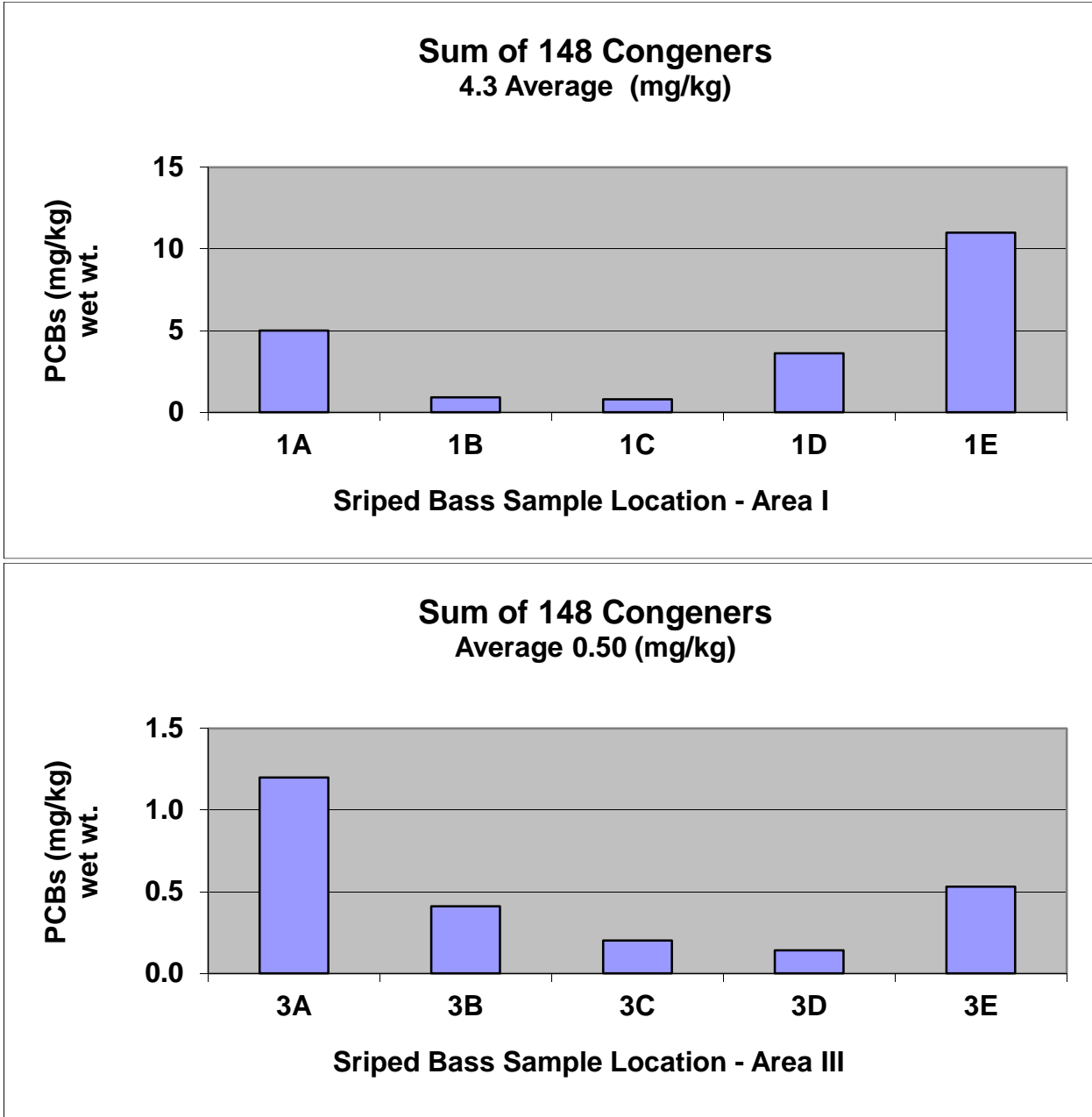


Figure 24 PCBs Concentrations in Striped Bass Areas I and III - 2019

Note: The PCBs concentrations are the detected values as reported on Column 5 of Table 10, and do not included the ½ detection limits.

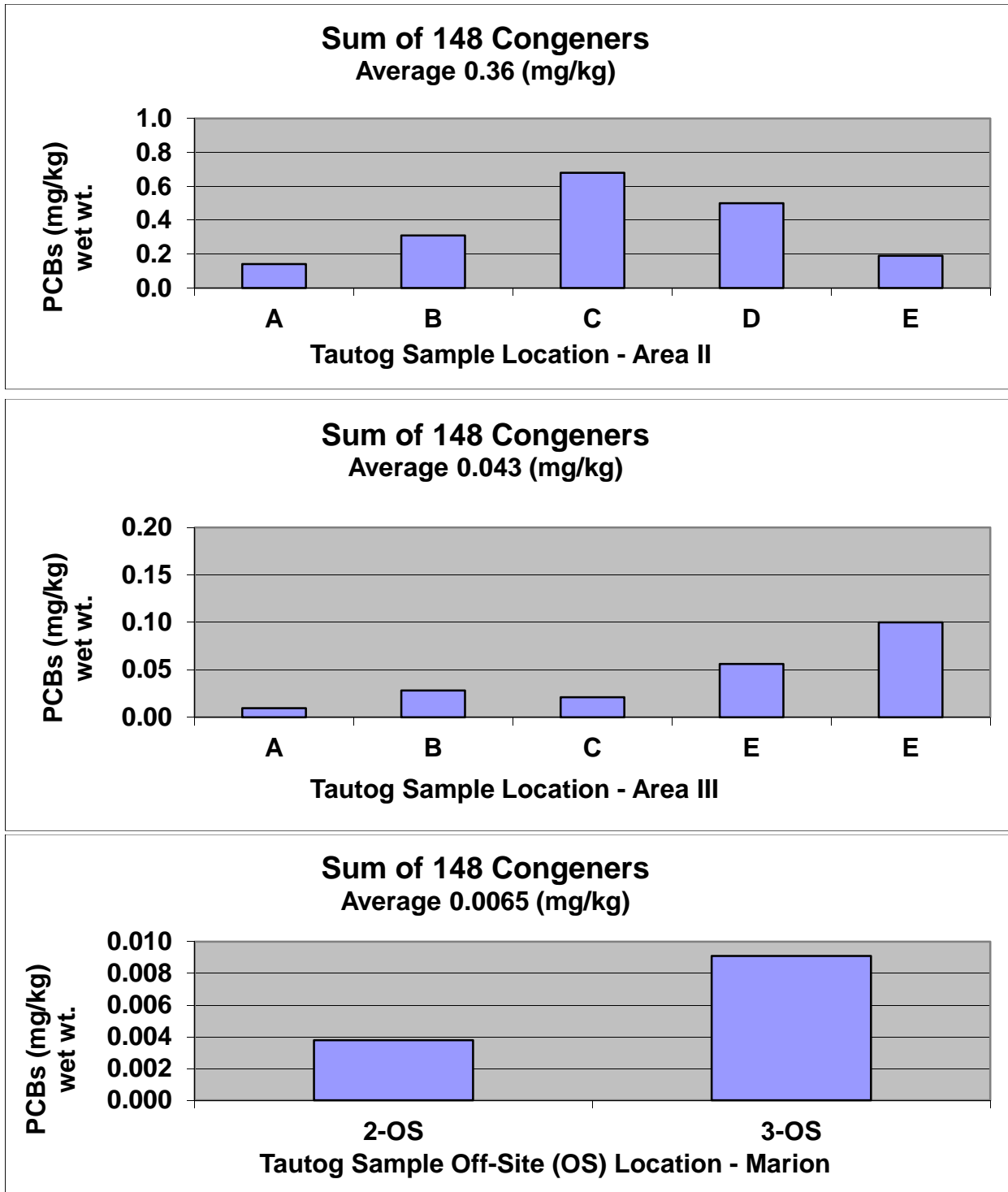


Figure 25 PCBs Concentrations in Tautog Areas II & III and Off-Site - 2019

Note: The PCBs concentrations are the detected values as reported on Column 4 of Table 11, and do not include the ½ detection limits.

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Table 1 Summary of Sample Data for Alewives Area 1 - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
1C	2.8	0.93 J4	0.92	0.33 J4	0.016 J3	0.33 J4
Average	2.8	0.93 J4	0.92	0.33 J4	0.016 J3	0.33 J4

Table 2 Summary of Sample Data for Black Sea Bass Areas 2, 3 and Sippican Harbor - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
2A	0.37	0.35 J3	0.34	0.19 J4	0.050 J3	0.20 J4
2B	1.2	0.24 J3	0.23	0.12 J4	0.030 J3	0.13 J4
2C	0.44	0.58 J3	0.57	0.29 J4	0.074 J3	0.31 J4
2D	0.43	1.8 J4	1.8	0.95 J4	0.25 J4	1.0 J4
2E	0.50	0.15 J3	0.14	0.077 J4	0.021 J3	0.082 J3
Average	0.58	0.62	0.62	0.33	0.085	0.34
3A	0.53	0.056 J2	0.037	0.024 J3	0.0071 J2	0.027 J3
3B	0.58	0.042 J1	0.020	0.015 J3	0.0049 J2	0.017 J2
3C	0.48	0.21 J3	0.20	0.11 J4	0.031 J3	0.12 J3
3D	0.43	0.32 J3	0.31	0.19 J4	0.049 J3	0.20 J4
3E	0.46	0.12 J2	0.10	0.060 J3	0.017 J3	0.064 J3
Average	0.50	0.15	0.13	0.080	0.022	0.086
MARION-1	0.55	0.067 J2	0.049	0.030 J3	0.0096 J3	0.033 J3
MARION-2	0.47	0.036 J1	0.013	0.010 J2	0.0039 J1	0.013 J2
MARION-3	0.41	0.17 J2	0.15	0.094 J3	0.025 J3	0.10 J3
Average	0.48	0.091	0.071	0.045	0.013	0.049

Table 3 Summary of Sample Data for Blue Crab Area 1 - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
1A	0.74	4.4 J4	4.4	1.9 J4	0.35 J4	1.9 J4
1B	0.73	2.1 J4	2.1	0.97 J4	0.20 J4	1.0 J4
1C	0.47	1.5 J4	1.5	0.69 J4	0.15 J4	0.71 J4
Average	0.65	2.7	2.7	1.2	0.23	1.2

Table 4 Summary of Sample Data for Bluefish Areas 1, 2, and 3 - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
1A	5.8	11 J4	11	4.1 J4	0.61 J4	4.2 J4
1B	1.7	3.2 J4	3.2	1.2 J4	0.18 J4	1.3 J4
1C	3.7	5.9 J4	5.8	2.2 J4	0.30 J4	2.2 J4
1D	7.1	17 J4	17	6.2 J4	0.92 J4	6.4 J4
1E	4.9	8.8 J4	8.8	3.4 J4	0.50 J4	3.5 J4
Average	4.7	9.2	9.2	3.4	0.50	3.5
2A	5.0	9.4 J4	9.4	3.5 J4	0.50 J4	3.6 J4
2B	1.0	0.58 J3	0.57	0.21 J4	0.032 J3	0.22 J4
2C	2.0	2.1 J4	2.1	0.81 J4	0.13 J4	0.84 J4
2D	2.3	1.8 J4	1.8	0.71 J4	0.11 J4	0.74 J4
2E	1.7	1.4 J4	1.4	0.53 J4	0.084 J4	0.55 J4
Average	2.4	3.1	3.1	1.2	0.17	1.2
3A	3.0	0.26 J3	0.25	0.12 J4	0.025 J3	0.12 J4
3B	1.5	0.13 J3	0.11	0.054 J4	0.0095 J3	0.058 J3
3C	1.6	0.23 J3	0.22	0.11 J4	0.017 J3	0.11 J3
3D	2.8	0.94 J4	0.94	0.53 J4	0.13 J4	0.56 J4
3E	1.1	0.19 J3	0.18	0.082 J4	0.015 J3	0.086 J3
Average	2.0	0.35	0.34	0.18	0.039	0.19

Table 5 Summary of Sample Data for Conch Areas 2, 3 and Sippican Harbor - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
2A	0.53	0.085 J2	0.068	0.032 J3	0.0076 J2	0.036 J3
2B	0.54	0.24 J3	0.23	0.10 J4	0.022 J3	0.11 J3
2C	0.44	0.34 J3	0.33	0.13 J4	0.024 J3	0.14 J3
2D	0.39	0.18 J3	0.17	0.078 J4	0.015 J3	0.084 J3
2E	0.49	0.12 J2	0.10	0.047 J3	0.0091 J2	0.051 J3
Average	0.48	0.19	0.18	0.077	0.016	0.084
3B	0.51	0.042 J2	0.021	0.013 J3	0.0035 J2	0.016 J2
3C	0.52	0.051 J2	0.030	0.017 J3	0.0041 J2	0.020 J2
3D	0.44	0.043 J2	0.022	0.015 J3	0.0034 J2	0.017 J2
3E	0.44	0.055 J2	0.035	0.019 J3	0.0057 J2	0.022 J3
Average	0.48	0.048	0.027	0.016	0.0042	0.019
Marion-1	0.37	0.032 J1	0.0089	0.0074 J2	0.0024 J1	0.0093 J2
Marion-2	0.43	0.037 J1	0.013	0.010 J2	0.0033 J1	0.012 J2
Marion-3	0.37	0.037 J1	0.011	0.010 J2	0.0030 J1	0.013 J2
Average	0.39	0.035	0.011	0.0091	0.0029	0.011

Table 6 Summary of Sample Data for Lobster Areas 2, 3 and Sippican Harbor - 2019

Parameter		Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total WHO+NOAA Congeners ⁵
		PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station	Sample Type						
2A	Meat	0.80	0.15 J2	0.14	0.089 J4	0.035 J3	0.096 J3
2B	Meat	1.4	0.076 J2	0.057	0.037 J3	0.017 J3	0.041 J3
2D	Meat	0.74	0.19 J3	0.17	0.10 J4	0.038 J3	0.11 J3
Average		0.98	0.14	0.12	0.075	0.030	0.082
3B	Meat	1.2	0.055 J2	0.032	0.025 J3	0.010 J3	0.028 J3
3C	Meat	0.64	0.065 J2	0.045	0.029 J3	0.011 J3	0.032 J3
3D	Meat	0.70	0.051 J2	0.030	0.022 J3	0.0097 J3	0.025 J3
3E	Meat	0.67	0.078 J2	0.056	0.040 J3	0.016 J3	0.045 J3
Average		0.80	0.062	0.041	0.029	0.012	0.033
MARION-1	Meat	0.88	0.031 J1	0.0074	0.0076 J2	0.0037 J2	0.0095 J2
MARION-2	Meat	0.69	0.031 J1	0.0058	0.0070 J2	0.0034 J1	0.0090 J2
MARION-3	Meat	0.93	0.032 J1	0.0083	0.0082 J2	0.0040 J2	0.010 J2
Average		0.83	0.031	0.0072	0.0076	0.0037	0.010
2A	Tomalley	7.4	10 J4	10	6.3 J4	2.1 J4	6.8 J4
2B	Tomalley	21	9.1 J3	9.0	5.7 J4	2.0 J4	6.1 J4
2D	Tomalley	26	29 J3	29	17 J4	5.8 J4	18 J4
Average		18	16	16	9.7	3.3	10
3B	Tomalley	16	3.0 J3	2.9	2.0 J4	0.70 J4	2.1 J4
3C	Tomalley	17	5.2 J3	5.1	3.2 J4	1.0 J4	3.5 J4
3D	Tomalley	20	3.6 J3	3.4	2.3 J4	0.81 J4	2.5 J4
3E	Tomalley	14	2.3 J3	2.3	1.5 J4	0.48 J4	1.6 J4
Average		17	3.5	3.4	2.3	0.75	2.4
MARION-1	Tomalley	25	1.2 J3	1.2	0.79 J4	0.25 J4	0.85 J4
MARION-2	Tomalley	13	1.1 J3	1.1	0.74 J4	0.24 J4	0.79 J4
MARION-3	Tomalley	20	0.90 J3	0.89	0.59 J4	0.18 J4	0.63 J4
Average		19	1.1	1.1	0.71	0.22	0.76

Table 7 Data Calculations for Lobster Areas 2, 3 and Sippican Harbor - 2019

Area II - PCB Congeners									
Station	meat ¹ (mg/kg)	meat wt (kg)	meat product	tomalley ¹ (mg/kg)	tomalley wt (kg)	tomalley product	total weight (kg)	sum of products (mg)	total concentration (mg/kg)
2A	0.15	0.46	0.068	10	0.067	0.67	0.52	0.74	1.4
2B	0.076	0.13	0.0096	9.1	0.019	0.18	0.15	0.19	1.3
2D	0.19	0.69	0.13	29	0.10	2.9	0.79	3.0	3.8
								Average	2.2

Area III - PCB Congeners									
Station	meat ¹ (mg/kg)	meat wt (kg)	meat product	tomalley ¹ (mg/kg)	tomalley wt (kg)	tomalley product	total weight (kg)	sum of products (mg)	total concentration (mg/kg)
3B	0.055	0.28	0.015	3.0	0.043	0.13	0.32	0.15	0.45
3C	0.065	0.55	0.036	5.2	0.087	0.45	0.64	0.49	0.77
3D	0.051	0.19	0.0095	3.6	0.030	0.11	0.22	0.12	0.55
3E	0.078	0.33	0.025	2.3	0.038	0.087	0.36	0.11	0.31
								Average	0.52

MARION - PCB Congeners									
Station	meat ¹ (mg/kg)	meat wt (kg)	meat product	tomalley ¹ (mg/kg)	tomalley wt (kg)	tomalley product	total weight (kg)	sum of products (mg)	total concentration (mg/kg)
MARION -1	0.031	0.12	0.0038	1.2	0.010	0.011	0.13	0.015	0.12
MARION-2	0.031	0.21	0.0066	1.1	0.019	0.021	0.23	0.028	0.12
MARION-3	0.032	0.19	0.0061	0.90	0.018	0.016	0.21	0.023	0.11
								Average	0.11

Notes: ¹ = summation of PCB congener results (1/2 SQL used for non-detected results)

mg/kg = milligrams per kilogram

Table 8 Summary of Sample Data for Quahog Areas 1, 2, 3 and Sippican Harbor - 2019

Parameter	Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total WHO+NOAA Congeners ⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
1B	0.37	0.40 J3	0.39	0.14 J4	0.023 J3	0.15 J4
1D	0.41	0.81 J4	0.80	0.28 J4	0.047 J3	0.30 J4
1E	0.36	0.92 J4	0.92	0.32 J4	0.048 J3	0.33 J4
Average	0.38	0.71	0.70	0.25	0.039	0.26
2B	0.23	0.050 J2	0.033	0.015 J3	0.0045 J2	0.017 J2
2C	0.28	0.23 J3	0.22	0.082 J4	0.016 J3	0.087 J3
2D	0.33	0.087 J2	0.073	0.028 J3	0.0062 J2	0.031 J3
2F	0.25	0.071 J2	0.052	0.022 J3	0.0048 J2	0.024 J2
2G	0.17	0.048 J2	0.028	0.013 J3	0.0037 J1	0.015 J2
2H	0.23	0.086 J2	0.071	0.028 J3	0.0061 J2	0.031 J3
Average	0.25	0.10	0.080	0.031	0.0069	0.034
3B	0.34	0.051 J2	0.031	0.014 J3	0.0042 J2	0.017 J2
3D	0.37	0.047 J2	0.026	0.012 J2	0.0036 J1	0.015 J2
3I	0.38	0.057 J2	0.039	0.017 J3	0.0047 J2	0.019 J2
3J	0.19	0.033 J1	0.0062	0.0054 J2	0.0029 J1	0.0076 J1
Average	0.32	0.047	0.026	0.012	0.0039	0.015
Q-R02	0.40	0.027 J1	0.00034	0.0036 J1	0.0023 J1	0.0056 J1
Q-R05	0.54	0.028 J1	0.00040	0.0038 J1	0.0024 J1	0.0058 J1
Q-R09	0.42	0.028 J1	0.00071	0.0038 J1	0.0024 J1	0.0058 J1
Average	0.45	0.028	0.00048	0.0037	0.0024	0.0057

Table 9 Summary of Sample Data for Scup Areas 2, 3 and Sippican Harbor - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
2A	1.7	0.53 J3	0.52	0.30 J4	0.075 J4	0.32 J4
2B	1.3	0.27 J3	0.26	0.15 J4	0.034 J3	0.16 J4
2D	1.2	0.60 J3	0.59	0.34 J4	0.085 J4	0.35 J4
Average	1.4	0.47	0.46	0.26	0.065	0.28
3C	0.78	0.14 J3	0.13	0.072 J4	0.018 J3	0.077 J3
3D	0.92	0.22 J3	0.21	0.14 J4	0.035 J3	0.15 J4
3E	1.5	0.21 J3	0.20	0.11 J4	0.028 J3	0.11 J4
Average	1.1	0.19	0.18	0.11	0.027	0.11
MARION-1	1.5	0.095 J2	0.076	0.049 J3	0.013 J3	0.053 J3
MARION-2	2.4	0.063 J2	0.043	0.028 J3	0.0082 J2	0.031 J3
Average	1.9	0.079	0.060	0.039	0.011	0.042
S-MARION-1	3.1	0.16 J3	0.15	0.099 J4	0.028 J3	0.11 J3
S-MARION-2	2.7	0.088 J2	0.069	0.046 J3	0.014 J3	0.050 J3
S-MARION-3	3.0	0.13 J2	0.11	0.073 J3	0.021 J3	0.079 J3
Average	2.9	0.13	0.11	0.073	0.021	0.080

Table 10 Summary of Sample Data for Striped Bass Areas 1 and 3 - 2019

Parameter		Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total WHO+NOAA Congeners ⁵
		PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station	Sample Type						
1A	Fillet	4.8	5.0 J4	5.0	1.8 J4	0.22 J3	1.9 J4
1B	Fillet	2.1	0.91 J4	0.90	0.36 J4	0.046 J3	0.37 J4
1C	Fillet	3.0	0.79 J4	0.79	0.29 J4	0.020 J3	0.30 J4
1D	Fillet	2.1	3.6 J4	3.6	1.3 J4	0.15 J4	1.3 J4
1E	Fillet	1.3	11 J4	11	3.8 J4	0.34 J4	3.8 J4
Average		2.7	4.3	4.3	1.5	0.16	1.5
3A	Fillet	1.1	1.2 J4	1.2	0.48 J4	0.047 J3	0.49 J4
3B	Fillet	3.1	0.42 J3	0.41	0.19 J4	0.045 J3	0.20 J4
3C	Fillet	1.9	0.21 J3	0.20	0.096 J4	0.017 J3	0.10 J4
3D	Fillet	1.7	0.15 J3	0.14	0.061 J4	0.011 J3	0.065 J3
3E	Fillet	3.0	0.54 J3	0.53	0.25 J4	0.055 J3	0.27 J4
Average		2.2	0.50	0.50	0.22	0.035	0.23
1A	Stomach Contents	1.7	1.5 J4	1.5	0.54 J4	0.068 J3	0.55 J4
1B	Stomach Contents	1.6	0.21 J3	0.21	0.079 J4	0.0095 J2	0.082 J3
1C	Stomach Contents	1.5	0.60 J4	0.60	0.22 J4	0.030 J3	0.23 J4
1D	Stomach Contents	1.3	0.72 J4	0.72	0.25 J4	0.025 J3	0.26 J4
1E	Stomach Contents	1.4	4.6 J4	4.6	1.6 J4	0.13 J3	1.6 J4
Average		1.5	1.5	1.5	0.54	0.053	0.54
3A	Stomach Contents	1.4	0.26 J2	0.14	0.070 J3	0.017 J1	0.081 J2
3B	Stomach Contents	4.2	0.87 J4	0.86	0.39 J4	0.091 J4	0.41 J4
3C	Stomach Contents	1.2	0.13 J3	0.12	0.055 J4	0.013 J3	0.060 J3
3D	Stomach Contents	1.5	0.17 J3	0.16	0.067 J4	0.014 J3	0.072 J3
3E	Stomach Contents	1.5	0.17 J3	0.16	0.073 J4	0.016 J3	0.077 J3
Average		2.0	0.32	0.29	0.13	0.030	0.14

Table 11 Summary of Sample Data for Tautog Areas 2, 3 and Sippican Harbor - 2019

Parameter	Lipids	Total PCB Congeners¹	Total PCB Congeners Hits²	Total NOAA Congeners³	Total WHO Congeners⁴	Total WHO+NOAA Congeners⁵
	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Station						
2A	0.70	0.16 J3	0.14	0.094 J4	0.028 J3	0.10 J3
2B	0.66	0.32 J3	0.31	0.20 J4	0.054 J4	0.22 J4
2C	0.89	0.68 J4	0.68	0.38 J4	0.097 J4	0.41 J4
2D	0.80	0.51 J3	0.50	0.29 J4	0.075 J4	0.32 J4
2E	0.83	0.20 J3	0.19	0.11 J4	0.027 J3	0.12 J4
Average	0.78	0.37	0.36	0.21	0.056	0.23
3A	0.71	0.033 J1	0.0096	0.0084 J2	0.0033 J1	0.011 J2
3B	0.74	0.045 J2	0.028	0.015 J3	0.0055 J2	0.018 J3
3C	0.67	0.044 J1	0.021	0.016 J3	0.0054 J2	0.018 J2
3D	0.86	0.074 J2	0.056	0.032 J3	0.0078 J2	0.036 J3
3E	0.74	0.12 J2	0.10	0.066 J3	0.019 J3	0.073 J3
Average	0.74	0.063	0.043	0.027	0.0082	0.031
S-MARION-2	0.74	0.031 J1	0.0038	0.0057 J2	0.0027 J1	0.0078 J1
S-MARION-3	1.3	0.033 J1	0.0091	0.0083 J2	0.0031 J1	0.010 J2
Average	1.0	0.032	0.0065	0.0070	0.0029	0.0089

Appendices

- Appendix A Laboratory Data
- Appendix B Data Validation Summary, MassDEP, NBH Superfund Site, Seafood Contaminant Survey Monitoring 2019 Sampling, February 14, 2020
- Appendix C Seafood Monitoring - Field Sampling Activities for the NBH Superfund Site 2019 Annual Report, Mass DMF, February 2020
- Appendix D 2019 Field Sampling Report, Wood, February 2020
- Appendix E PCB Congener Calculations 136 vs 148 for 2017 Memo, May 30, 2018

Appendix A

Laboratory Data

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TABLE 1a - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA 1 - 2019

	Sample#	NBH19-FF-C-1
	Species	Alewife
	Species Type	Tissue
	Area	1
	Station	Station C
	Sample Date	4/9/2019
Parameter	Units	
Lipids	PERCENT	2.8
Total PCB Congeners ¹	MG/KG	0.93 J4
Total PCB Congeners Hits ²	MG/KG	0.92
Total NOAA Congeners ³	MG/KG	0.33 J4
Total WHO Congeners ⁴	MG/KG	0.016 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.33 J4
C11-BZ#1	MG/KG	0.00098
C11-BZ#3	MG/KG	0.00021 J
C12-BZ#4/#10	MG/KG	0.011
C12-BZ#5	MG/KG	0.00036 U
C12-BZ#6	MG/KG	0.022
C12-BZ#7	MG/KG	0.00051
C12-BZ#8	MG/KG	0.018
C12-BZ#12	MG/KG	0.00036 U
C12-BZ#13	MG/KG	0.0037
C12-BZ#15	MG/KG	0.0036
C13-BZ#16	MG/KG	0.0019
C13-BZ#17	MG/KG	0.023
C13-BZ#18	MG/KG	0.052
C13-BZ#19	MG/KG	0.0055
C13-BZ#21/#20	MG/KG	0.0019
C13-BZ#22	MG/KG	0.0036
C13-BZ#24	MG/KG	0.00036 U
C13-BZ#25	MG/KG	0.035
C13-BZ#26	MG/KG	0.062
C13-BZ#27	MG/KG	0.012
C13-BZ#28	MG/KG	0.055
C13-BZ#29	MG/KG	0.00036 U
C13-BZ#31	MG/KG	0.058
C13-BZ#32	MG/KG	0.018
C13-BZ#33	MG/KG	0.00036 U
C13-BZ#37	MG/KG	0.00097
C14-BZ#40	MG/KG	0.0015
C14-BZ#41	MG/KG	0.00036 U
C14-BZ#42	MG/KG	0.0069
C14-BZ#43	MG/KG	0.00036 J
C14-BZ#44	MG/KG	0.021
C14-BZ#45	MG/KG	0.0020
C14-BZ#47	MG/KG	0.024
C14-BZ#48	MG/KG	0.00097
C14-BZ#49	MG/KG	0.095
C14-BZ#50	MG/KG	0.00024 J
C14-BZ#51	MG/KG	0.0066
C14-BZ#52	MG/KG	0.11
C14-BZ#53	MG/KG	0.017
C14-BZ#54	MG/KG	0.00038
C14-BZ#56	MG/KG	0.0015

TABLE 1a - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA 1 - 2019

	Sample#	NBH19-FF-C-1
	Species	Alewife
	Species Type	Tissue
	Area	1
	Station	Station C
	Sample Date	4/9/2019
Parameter	Units	
C14-BZ#60	MG/KG	0.00043
C14-BZ#63	MG/KG	0.00063
C14-BZ#66	MG/KG	0.0052
C14-BZ#68/#64	MG/KG	0.012
C14-BZ#70	MG/KG	0.0031
C14-BZ#71	MG/KG	0.014
C14-BZ#73/#46	MG/KG	0.0026
C14-BZ#74	MG/KG	0.0039
C14-BZ#76	MG/KG	0.00036 U
C14-BZ#77	MG/KG	0.00036 U
C14-BZ#81	MG/KG	0.00036 U
C15-BZ#82	MG/KG	0.00036 U
C15-BZ#83/#125/#112	MG/KG	0.00090 J
C15-BZ#85	MG/KG	0.0013
C15-BZ#87/#111	MG/KG	0.0018
C15-BZ#89/#84	MG/KG	0.0052
C15-BZ#91	MG/KG	0.011
C15-BZ#92	MG/KG	0.0059
C15-BZ#97	MG/KG	0.0050
C15-BZ#99	MG/KG	0.017
C15-BZ#100	MG/KG	0.0015
C15-BZ#101/#90	MG/KG	0.020
C15-BZ#104	MG/KG	0.00036 U
C15-BZ#105	MG/KG	0.0013 J
C15-BZ#107/#123	MG/KG	0.0012
C15-BZ#110	MG/KG	0.021
C15-BZ#114	MG/KG	0.00056 J
C15-BZ#118	MG/KG	0.010
C15-BZ#119	MG/KG	0.0037
C15-BZ#121/#95/#88	MG/KG	0.017
C15-BZ#124	MG/KG	0.00036 U
C15-BZ#126	MG/KG	0.00036 U
C16-BZ#128	MG/KG	0.0015
C16-BZ#129/#158	MG/KG	0.0015
C16-BZ#130/#164	MG/KG	0.0014
C16-BZ#131	MG/KG	0.00036 U
C16-BZ#132	MG/KG	0.0011
C16-BZ#134	MG/KG	0.00067
C16-BZ#135	MG/KG	0.0016
C16-BZ#136	MG/KG	0.0017
C16-BZ#137	MG/KG	0.00061
C16-BZ#138	MG/KG	0.0062 J
C16-BZ#141	MG/KG	0.00085
C16-BZ#144	MG/KG	0.00025 J
C16-BZ#146	MG/KG	0.0037
C16-BZ#147/#149	MG/KG	0.014
C16-BZ#151	MG/KG	0.0024
C16-BZ#153	MG/KG	0.021
C16-BZ#154	MG/KG	0.0017
C16-BZ#155	MG/KG	0.00036 U

TABLE 1a - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample#	Species	Species Type	Area	Station	Sample Date	Units
						NBH19-FF-C-1	
						Alewife	
						Tissue	
						1	
						Station C	
						4/9/2019	
CI6-BZ#156							MG/KG 0.0013
CI6-BZ#157							MG/KG 0.00025 J
CI6-BZ#163/#160							MG/KG 0.0050
CI6-BZ#167							MG/KG 0.00064 J
CI6-BZ#168							MG/KG 0.00036 U
CI6-BZ#169							MG/KG 0.00036 U
CI7-BZ#170							MG/KG 0.0010 J
CI7-BZ#171							MG/KG 0.00022 J
CI7-BZ#172							MG/KG 0.00036 U
CI7-BZ#173							MG/KG 0.00036 U
CI7-BZ#174							MG/KG 0.00061
CI7-BZ#176							MG/KG 0.00036 U
CI7-BZ#177							MG/KG 0.00083
CI7-BZ#178							MG/KG 0.00056 J
CI7-BZ#180							MG/KG 0.0022
CI7-BZ#182/#175							MG/KG 0.00073 U
CI7-BZ#183							MG/KG 0.00096
CI7-BZ#184							MG/KG 0.00036 U
CI7-BZ#185							MG/KG 0.00036 U
CI7-BZ#187							MG/KG 0.0034
CI7-BZ#188							MG/KG 0.00036 U
CI7-BZ#189							MG/KG 0.00036 U
CI7-BZ#190							MG/KG 0.00036 U
CI7-BZ#191							MG/KG 0.00036 U
CI7-BZ#193							MG/KG 0.00036 U
CI8-BZ#194							MG/KG 0.00036 U
CI8-BZ#195							MG/KG 0.00036 U
CI8-BZ#196							MG/KG 0.00036 U
CI8-BZ#197							MG/KG 0.00036 U
CI8-BZ#199							MG/KG 0.00036 U
CI8-BZ#201							MG/KG 0.00063 J
CI8-BZ#202							MG/KG 0.00039
CI8-BZ#203							MG/KG 0.00036 U
CI8-BZ#204/#200							MG/KG 0.00073 U
CI8-BZ#205							MG/KG 0.00036 U
CI9-BZ#206							MG/KG 0.00036 U
CI9-BZ#207							MG/KG 0.00036 U
CI9-BZ#208							MG/KG 0.00036 U
CI10-BZ#209							MG/KG 0.00036 U

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB
	Species	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass
	Species Type	Tissue	Tissue	Tissue	Tissue
	Area	2	2	2	2
	Station	Station A	Station B	Station C	Station D
	Sample Date	7/18/2019	6/14/2019	7/9/2019	5/13/2019
	Units				
Lipids	PERCENT	0.37	1.2	0.44	0.43
Total PCB Congeners ¹	MG/KG	0.35 J3	0.24 J3	0.58 J3	1.8 J4
Total PCB Congeners Hits ²	MG/KG	0.34	0.23	0.57	1.8
Total NOAA Congeners ³	MG/KG	0.19 J4	0.12 J4	0.29 J4	0.95 J4
Total WHO Congeners ⁴	MG/KG	0.050 J3	0.030 J3	0.074 J3	0.25 J4
Total NOAA / WHO Combined ⁵	MG/KG	0.20 J4	0.13 J4	0.31 J4	1.0 J4
C11-BZ#1	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C11-BZ#3	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00077 U
C12-BZ#5	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C12-BZ#6	MG/KG	0.00036 U	0.0002 J	0.00039 U	0.00039 U
C12-BZ#7	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C12-BZ#8	MG/KG	0.00036 U	0.00024 J	0.00039 U	0.00039 U
C12-BZ#12	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C12-BZ#13	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00077 U
C12-BZ#15	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#16	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#17	MG/KG	0.00036 U	0.00035	0.00041	0.00038 J
C13-BZ#18	MG/KG	0.00036 U	0.00041	0.00045	0.00056
C13-BZ#19	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00077 U
C13-BZ#22	MG/KG	0.00036 U	0.00034 U	0.00033 J	0.00029 J
C13-BZ#24	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#25	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00053
C13-BZ#26	MG/KG	0.00031 J	0.0017	0.0013	0.0027
C13-BZ#27	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#28	MG/KG	0.00077	0.0031	0.0040	0.0085
C13-BZ#29	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#31	MG/KG	0.00036 U	0.0013	0.00050	0.00051
C13-BZ#32	MG/KG	0.00036 U	0.00041	0.00032 J	0.00039
C13-BZ#33	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C13-BZ#37	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#40	MG/KG	0.00018 J	0.00032 J	0.00043	0.00075
C14-BZ#41	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#42	MG/KG	0.00062	0.00095	0.0022	0.0044
C14-BZ#43	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#44	MG/KG	0.0026	0.0025	0.0061	0.014
C14-BZ#45	MG/KG	0.00036 U	0.00034 U	0.00037 J	0.00036 J
C14-BZ#47	MG/KG	0.0023	0.0026	0.0074	0.022
C14-BZ#48	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#49	MG/KG	0.0033	0.0061	0.013	0.043
C14-BZ#50	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#51	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#52	MG/KG	0.010	0.0099	0.022	0.074
C14-BZ#53	MG/KG	0.00036 U	0.00020 J	0.00021 J	0.00039 U
C14-BZ#54	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#56	MG/KG	0.00064	0.00055	0.0010	0.0032

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB
	Species	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass
	Species Type	Tissue	Tissue	Tissue	Tissue
	Area	2	2	2	2
	Station	Station A	Station B	Station C	Station D
	Sample Date	7/18/2019	6/14/2019	7/9/2019	5/13/2019
	Units				
C14-BZ#60	MG/KG	0.00060	0.00049	0.0012	0.0037
C14-BZ#63	MG/KG	0.00037	0.00044	0.00090	0.0028
C14-BZ#66	MG/KG	0.0033	0.0038	0.0097	0.026
C14-BZ#68/#64	MG/KG	0.0010	0.0015	0.0037	0.0081
C14-BZ#70	MG/KG	0.00036 U	0.00086	0.00030 J	0.00039
C14-BZ#71	MG/KG	0.00036 U	0.00035	0.00040	0.00043
C14-BZ#73/#46	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00077 U
C14-BZ#74	MG/KG	0.0026	0.0028	0.0063	0.021
C14-BZ#76	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#77	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C14-BZ#81	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C15-BZ#82	MG/KG	0.00040	0.00035	0.0010	0.0023
C15-BZ#83/#125/#112	MG/KG	0.00098 J	0.00060 J	0.0020	0.004
C15-BZ#85	MG/KG	0.0023	0.0016	0.0057	0.014
C15-BZ#87/#111	MG/KG	0.0012	0.0017	0.0043	0.011
C15-BZ#89/#84	MG/KG	0.0012	0.0011	0.0027	0.0062
C15-BZ#91	MG/KG	0.0027	0.0019	0.0053	0.016
C15-BZ#92	MG/KG	0.0070	0.0040	0.012	0.034
C15-BZ#97	MG/KG	0.0030	0.0023	0.0067	0.020
C15-BZ#99	MG/KG	0.0031	0.0074	0.015	0.048
C15-BZ#100	MG/KG	0.00036 U	0.00034 U	0.00022 J	0.00064
C15-BZ#101/#90	MG/KG	0.023	0.016	0.039	0.14
C15-BZ#104	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C15-BZ#105	MG/KG	0.0052	0.0033	0.0084	0.028
C15-BZ#107/#123	MG/KG	0.0024	0.0022	0.0047	0.013
C15-BZ#110	MG/KG	0.012	0.0084	0.034	0.075
C15-BZ#114	MG/KG	0.0019	0.00087	0.0020	0.0070
C15-BZ#118	MG/KG	0.033 J+	0.019	0.049	0.17
C15-BZ#119	MG/KG	0.0018	0.00083	0.0035	0.010
C15-BZ#121/#95/#88	MG/KG	0.0055	0.0046	0.011	0.034
C15-BZ#124	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00034 J
C15-BZ#126	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00049
C16-BZ#128	MG/KG	0.0072	0.0036	0.011	0.031
C16-BZ#129/#158	MG/KG	0.0042	0.0022	0.0069	0.021
C16-BZ#130/#164	MG/KG	0.0029	0.0020	0.0059	0.015
C16-BZ#131	MG/KG	0.00036 U	0.00034 U	0.00023 J	0.00038 J
C16-BZ#132	MG/KG	0.0035	0.0021	0.0072	0.016
C16-BZ#134	MG/KG	0.0013	0.00062	0.0021	0.0053
C16-BZ#135	MG/KG	0.0031	0.0015	0.0050	0.013
C16-BZ#136	MG/KG	0.00076	0.00063	0.0015	0.0047
C16-BZ#137	MG/KG	0.0013	0.00094	0.0026	0.0081
C16-BZ#138	MG/KG	0.022	0.015	0.040	0.12
C16-BZ#141	MG/KG	0.0016	0.0010	0.0028	0.0087
C16-BZ#144	MG/KG	0.00018 J	0.00023 J	0.00042	0.0013
C16-BZ#146	MG/KG	0.011	0.0059	0.013	0.044
C16-BZ#147/#149	MG/KG	0.021 J+	0.010 J+	0.033 J+	0.096 J+
C16-BZ#151	MG/KG	0.0032	0.0022	0.0053	0.016
C16-BZ#153	MG/KG	0.063 J+	0.031	0.075	0.27
C16-BZ#154	MG/KG	0.00036 U	0.00034 J	0.00055	0.0020
C16-BZ#155	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB
		Black Sea Bass Tissue 2 Station A 7/18/2019	Black Sea Bass Tissue 2 Station B 6/14/2019	Black Sea Bass Tissue 2 Station C 7/9/2019	Black Sea Bass Tissue 2 Station D 5/13/2019
C16-BZ#156	MG/KG	0.0034	0.0018	0.0046	0.016
C16-BZ#157	MG/KG	0.0013	0.00066	0.0016	0.0049
C16-BZ#163/#160	MG/KG	0.014	0.0065	0.017	0.056
C16-BZ#167	MG/KG	0.0017	0.0011	0.0025	0.0086
C16-BZ#168	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C16-BZ#169	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C17-BZ#170	MG/KG	0.0037	0.0023	0.0052	0.016
C17-BZ#171	MG/KG	0.00082	0.00060	0.0012	0.0033
C17-BZ#172	MG/KG	0.00079	0.00050	0.0010	0.0029
C17-BZ#173	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00022 J
C17-BZ#174	MG/KG	0.0015	0.00082	0.0024	0.0053
C17-BZ#176	MG/KG	0.00036 U	0.00034 U	0.0003 J	0.00071
C17-BZ#177	MG/KG	0.0022	0.0014	0.0028	0.0072
C17-BZ#178	MG/KG	0.0014	0.00099	0.0017	0.0047
C17-BZ#180	MG/KG	0.0067	0.0042	0.0078	0.027
C17-BZ#182/#175	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00089
C17-BZ#183	MG/KG	0.0029	0.0018	0.0036	0.011
C17-BZ#184	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C17-BZ#185	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00053
C17-BZ#187	MG/KG	0.0086	0.0054	0.0096	0.030
C17-BZ#188	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00025 J
C17-BZ#189	MG/KG	0.00034 J	0.00018 J	0.00033 J	0.0010
C17-BZ#190	MG/KG	0.00059	0.00036	0.00075	0.0027
C17-BZ#191	MG/KG	0.00023 J	0.00034 U	0.00028 J	0.00079
C17-BZ#193	MG/KG	0.00058	0.00033 J	0.00059	0.0018
C18-BZ#194	MG/KG	0.0011	0.00086	0.0011	0.0036
C18-BZ#195	MG/KG	0.00032 J	0.00025 J	0.00042	0.0011
C18-BZ#196	MG/KG	0.00061	0.00054	0.00078	0.0021
C18-BZ#197	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00022 J
C18-BZ#199	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C18-BZ#201	MG/KG	0.0017	0.0012	0.0019	0.0043
C18-BZ#202	MG/KG	0.00079	0.00055	0.0010	0.0019
C18-BZ#203	MG/KG	0.00063	0.00052	0.00081	0.0019
C18-BZ#204/#200	MG/KG	0.00072 U	0.00069 U	0.00079 U	0.00084
C18-BZ#205	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00039 U
C19-BZ#206	MG/KG	0.00086	0.00065	0.0011	0.0016
C19-BZ#207	MG/KG	0.00036 U	0.00034 U	0.00039 U	0.00029 J
C19-BZ#208	MG/KG	0.00050	0.00030 J	0.00062	0.00081
C110-BZ#209	MG/KG	0.00047	0.00027 J	0.00061	0.00054

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

	Sample#	NBH19-FF-E-2-BSB
	Species	Black Sea Bass
	Species Type	Tissue
	Area	2
	Station	Station E
	Sample Date	8/16/2019
Parameter	Units	
Lipids	PERCENT	0.50
Total PCB Congeners ¹	MG/KG	0.15 J3
Total PCB Congeners Hits ²	MG/KG	0.14
Total NOAA Congeners ³	MG/KG	0.077 J4
Total WHO Congeners ⁴	MG/KG	0.021 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.082 J3
C11-BZ#1	MG/KG	0.00034 U
C11-BZ#3	MG/KG	0.00034 U
C12-BZ#4/#10	MG/KG	0.00069 U
C12-BZ#5	MG/KG	0.00034 U
C12-BZ#6	MG/KG	0.00034 U
C12-BZ#7	MG/KG	0.00034 U
C12-BZ#8	MG/KG	0.00034 U
C12-BZ#12	MG/KG	0.00034 U
C12-BZ#13	MG/KG	0.00069 U
C12-BZ#15	MG/KG	0.00034 U
C13-BZ#16	MG/KG	0.00034 U
C13-BZ#17	MG/KG	0.00034 U
C13-BZ#18	MG/KG	0.00022 J
C13-BZ#19	MG/KG	0.00034 U
C13-BZ#21/#20	MG/KG	0.00069 U
C13-BZ#22	MG/KG	0.00034 U
C13-BZ#24	MG/KG	0.00034 U
C13-BZ#25	MG/KG	0.00034 U
C13-BZ#26	MG/KG	0.00087
C13-BZ#27	MG/KG	0.00034 U
C13-BZ#28	MG/KG	0.0023
C13-BZ#29	MG/KG	0.00034 U
C13-BZ#31	MG/KG	0.00049
C13-BZ#32	MG/KG	0.00034 U
C13-BZ#33	MG/KG	0.00034 U
C13-BZ#37	MG/KG	0.00034 U
C14-BZ#40	MG/KG	0.00019 J
C14-BZ#41	MG/KG	0.00034 U
C14-BZ#42	MG/KG	0.00056
C14-BZ#43	MG/KG	0.00034 U
C14-BZ#44	MG/KG	0.0018
C14-BZ#45	MG/KG	0.00034 U
C14-BZ#47	MG/KG	0.0020
C14-BZ#48	MG/KG	0.00034 U
C14-BZ#49	MG/KG	0.0035
C14-BZ#50	MG/KG	0.00034 U
C14-BZ#51	MG/KG	0.00034 U
C14-BZ#52	MG/KG	0.0077
C14-BZ#53	MG/KG	0.00034 U
C14-BZ#54	MG/KG	0.00034 U
C14-BZ#56	MG/KG	0.00036

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

	Sample#	NBH19-FF-E-2-BSB
	Species	Black Sea Bass
	Species Type	Tissue
	Area	2
	Station	Station E
	Sample Date	8/16/2019
Parameter	Units	
C14-BZ#60	MG/KG	0.00040
C14-BZ#63	MG/KG	0.00033 J
C14-BZ#66	MG/KG	0.0030
C14-BZ#68/#64	MG/KG	0.00094
C14-BZ#70	MG/KG	0.00018 J
C14-BZ#71	MG/KG	0.00034 U
C14-BZ#73/#46	MG/KG	0.00069 U
C14-BZ#74	MG/KG	0.0021
C14-BZ#76	MG/KG	0.00034 U
C14-BZ#77	MG/KG	0.00034 U
C14-BZ#81	MG/KG	0.00034 U
C15-BZ#82	MG/KG	0.00034 U
C15-BZ#83/#125/#112	MG/KG	0.0010 U
C15-BZ#85	MG/KG	0.0011
C15-BZ#87/#111	MG/KG	0.00071
C15-BZ#89/#84	MG/KG	0.00054 J
C15-BZ#91	MG/KG	0.0011
C15-BZ#92	MG/KG	0.0028
C15-BZ#97	MG/KG	0.0013
C15-BZ#99	MG/KG	0.0034
C15-BZ#100	MG/KG	0.00034 U
C15-BZ#101/#90	MG/KG	0.0098
C15-BZ#104	MG/KG	0.00034 U
C15-BZ#105	MG/KG	0.0022
C15-BZ#107/#123	MG/KG	0.0014
C15-BZ#110	MG/KG	0.0045
C15-BZ#114	MG/KG	0.00062
C15-BZ#118	MG/KG	0.014
C15-BZ#119	MG/KG	0.00075
C15-BZ#121/#95/#88	MG/KG	0.0027
C15-BZ#124	MG/KG	0.00034 U
C15-BZ#126	MG/KG	0.00034 U
C16-BZ#128	MG/KG	0.0022
C16-BZ#129/#158	MG/KG	0.0013
C16-BZ#130/#164	MG/KG	0.00092
C16-BZ#131	MG/KG	0.00034 U
C16-BZ#132	MG/KG	0.00088
C16-BZ#134	MG/KG	0.00031 J
C16-BZ#135	MG/KG	0.00090
C16-BZ#136	MG/KG	0.00030 J
C16-BZ#137	MG/KG	0.00058
C16-BZ#138	MG/KG	0.0071
C16-BZ#141	MG/KG	0.00048
C16-BZ#144	MG/KG	0.00034 U
C16-BZ#146	MG/KG	0.0036
C16-BZ#147/#149	MG/KG	0.0057 J+
C16-BZ#151	MG/KG	0.0012
C16-BZ#153	MG/KG	0.020
C16-BZ#154	MG/KG	0.00034 U
C16-BZ#155	MG/KG	0.00034 U

TABLE 2a - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 2 - 2019

	Sample#	NBH19-FF-E-2-BSB
	Species	Black Sea Bass
	Species Type	Tissue
	Area	2
	Station	Station E
	Sample Date	8/16/2019
Parameter	Units	
C16-BZ#156	MG/KG	0.0012
C16-BZ#157	MG/KG	0.00047
C16-BZ#163/#160	MG/KG	0.0044
C16-BZ#167	MG/KG	0.00077
C16-BZ#168	MG/KG	0.00034 U
C16-BZ#169	MG/KG	0.00034 U
C17-BZ#170	MG/KG	0.0011
C17-BZ#171	MG/KG	0.00026 J
C17-BZ#172	MG/KG	0.00019 J
C17-BZ#173	MG/KG	0.00034 U
C17-BZ#174	MG/KG	0.00039
C17-BZ#176	MG/KG	0.00034 U
C17-BZ#177	MG/KG	0.00060
C17-BZ#178	MG/KG	0.00049
C17-BZ#180	MG/KG	0.0020
C17-BZ#182/#175	MG/KG	0.00069 U
C17-BZ#183	MG/KG	0.00086
C17-BZ#184	MG/KG	0.00034 U
C17-BZ#185	MG/KG	0.00034 U
C17-BZ#187	MG/KG	0.0026
C17-BZ#188	MG/KG	0.00034 U
C17-BZ#189	MG/KG	0.00034 U
C17-BZ#190	MG/KG	0.00034 U
C17-BZ#191	MG/KG	0.00034 U
C17-BZ#193	MG/KG	0.00018 J
C18-BZ#194	MG/KG	0.00039
C18-BZ#195	MG/KG	0.00034 U
C18-BZ#196	MG/KG	0.00020 J
C18-BZ#197	MG/KG	0.00034 U
C18-BZ#199	MG/KG	0.00034 U
C18-BZ#201	MG/KG	0.00040
C18-BZ#202	MG/KG	0.00024 J
C18-BZ#203	MG/KG	0.00019 J
C18-BZ#204/#200	MG/KG	0.00069 U
C18-BZ#205	MG/KG	0.00034 U
C19-BZ#206	MG/KG	0.00018 J
C19-BZ#207	MG/KG	0.00034 U
C19-BZ#208	MG/KG	0.00034 U
C110-BZ#209	MG/KG	0.00034 U

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB
		Black Sea Bass Tissue 3 Station A 8/6/2019	Black Sea Bass Tissue 3 Station B 8/12/2019	Black Sea Bass Tissue 3 Station C 7/23/2019	Black Sea Bass Tissue 3 Station D 7/26/2019
Lipids	PERCENT	0.53	0.58	0.48	0.43
Total PCB Congeners ¹	MG/KG	0.056 J2	0.042 J1	0.21 J3	0.32 J3
Total PCB Congeners Hits ²	MG/KG	0.037	0.020	0.20	0.31
Total NOAA Congeners ³	MG/KG	0.024 J3	0.015 J3	0.11 J4	0.19 J4
Total WHO Congeners ⁴	MG/KG	0.0071 J2	0.0049 J2	0.031 J3	0.049 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.027 J3	0.017 J2	0.12 J3	0.20 J4
Cl1-BZ#1	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl1-BZ#3	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#4/#10	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
Cl2-BZ#5	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#6	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#7	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#8	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#12	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl2-BZ#13	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
Cl2-BZ#15	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#16	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#17	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#18	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#19	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#21/#20	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
Cl3-BZ#22	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#24	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#25	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#26	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#27	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#28	MG/KG	0.00030 J	0.00036 U	0.00057	0.00027 J
Cl3-BZ#29	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#31	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#32	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#33	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl3-BZ#37	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#40	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#41	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#42	MG/KG	0.00037 U	0.00036 U	0.00023 J	0.00021 J
Cl4-BZ#43	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#44	MG/KG	0.00022 J	0.00036 U	0.0011	0.00095
Cl4-BZ#45	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#47	MG/KG	0.00031 J	0.00036 U	0.0016	0.0012
Cl4-BZ#48	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#49	MG/KG	0.00042	0.00029 J	0.0022	0.0015
Cl4-BZ#50	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#51	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#52	MG/KG	0.00093	0.00050	0.0051	0.0052
Cl4-BZ#53	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#54	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
Cl4-BZ#56	MG/KG	0.00037 U	0.00036 U	0.00033 J	0.00043

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB
		Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass
Species Type	Area	Tissue	Tissue	Tissue	Tissue
Station	Station	3	3	3	3
Sample Date	Sample Date	Station A	Station B	Station C	Station D
Units	Units	8/6/2019	8/12/2019	7/23/2019	7/26/2019
Parameter					
C14-BZ#60	MG/KG	0.00037 U	0.00036 U	0.00029 J	0.00030 J
C14-BZ#63	MG/KG	0.00037 U	0.00036 U	0.00023 J	0.00030 J
C14-BZ#66	MG/KG	0.00063	0.00034 J	0.0022	0.0022
C14-BZ#68/#64	MG/KG	0.00073 U	0.00073 U	0.00064 J	0.00050 J
C14-BZ#70	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C14-BZ#71	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C14-BZ#73/#46	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
C14-BZ#74	MG/KG	0.00037	0.00024 J	0.0015	0.0017
C14-BZ#76	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C14-BZ#77	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C14-BZ#81	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C15-BZ#82	MG/KG	0.00037 U	0.00036 U	0.00025 J	0.00022 J
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.00056 J
C15-BZ#85	MG/KG	0.00026 J	0.00036 U	0.0014	0.0018
C15-BZ#87/#111	MG/KG	0.00073 U	0.00073 U	0.00099	0.00081
C15-BZ#89/#84	MG/KG	0.00073 U	0.00073 U	0.00054 J	0.00042 J
C15-BZ#91	MG/KG	0.00027 J	0.00036 U	0.0014	0.0016
C15-BZ#92	MG/KG	0.00064	0.00036 J	0.0035	0.0057
C15-BZ#97	MG/KG	0.00034 J	0.00019 J	0.0016	0.0016
C15-BZ#99	MG/KG	0.00071	0.00050	0.0034	0.0020
C15-BZ#100	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C15-BZ#101/#90	MG/KG	0.0025	0.0014	0.014	0.019
C15-BZ#104	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C15-BZ#105	MG/KG	0.00063	0.00039	0.0031	0.0048
C15-BZ#107/#123	MG/KG	0.00050 J	0.00073 U	0.0017	0.0026
C15-BZ#110	MG/KG	0.00088	0.00040	0.0065	0.0086
C15-BZ#114	MG/KG	0.00024 J	0.00019 J	0.0010	0.0018
C15-BZ#118	MG/KG	0.0039	0.0024	0.021	0.033
C15-BZ#119	MG/KG	0.00037 U	0.00036 U	0.0010	0.0017
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0030	0.0029
C15-BZ#124	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C15-BZ#126	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C16-BZ#128	MG/KG	0.00076	0.00047	0.0041	0.0076
C16-BZ#129/#158	MG/KG	0.00073 U	0.00073 U	0.0025	0.0041
C16-BZ#130/#164	MG/KG	0.00073 U	0.00073 U	0.0017	0.0027
C16-BZ#131	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C16-BZ#132	MG/KG	0.0003 J	0.00036 U	0.0018	0.0022
C16-BZ#134	MG/KG	0.00037 U	0.00036 U	0.00055	0.0010
C16-BZ#135	MG/KG	0.00030 J	0.00036 U	0.0015	0.0027
C16-BZ#136	MG/KG	0.00037 U	0.00036 U	0.00038	0.00045
C16-BZ#137	MG/KG	0.00037 U	0.00036 U	0.00089	0.0011
C16-BZ#138	MG/KG	0.0028	0.0018	0.014	0.021
C16-BZ#141	MG/KG	0.00037 U	0.00036 U	0.00093	0.0015
C16-BZ#144	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C16-BZ#146	MG/KG	0.0015	0.00096	0.0068	0.013
C16-BZ#147/#149	MG/KG	0.0018 J+	0.00086 J+	0.011 J+	0.017 J+
C16-BZ#151	MG/KG	0.00033 J	0.00018 J	0.0019	0.0029
C16-BZ#153	MG/KG	0.0079	0.0047	0.037	0.071
C16-BZ#154	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C16-BZ#155	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB
		Black Sea Bass Tissue 3 Station A 8/6/2019	Black Sea Bass Tissue 3 Station B 8/12/2019	Black Sea Bass Tissue 3 Station C 7/23/2019	Black Sea Bass Tissue 3 Station D 7/26/2019
Species Type	Area				
Station	Sample Date				
Units					
C16-BZ#156	MG/KG	0.00041	0.00029 J	0.0021	0.0034
C16-BZ#157	MG/KG	0.00037 U	0.00036 U	0.00071	0.0013
C16-BZ#163/#160	MG/KG	0.0016	0.00093	0.0080	0.014
C16-BZ#167	MG/KG	0.00030 J	0.00036 U	0.0011	0.0017
C16-BZ#168	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C16-BZ#169	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#170	MG/KG	0.00054	0.00042	0.0022	0.0043
C17-BZ#171	MG/KG	0.00037 U	0.00036 U	0.00055	0.00090
C17-BZ#172	MG/KG	0.00037 U	0.00036 U	0.00048	0.00085
C17-BZ#173	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#174	MG/KG	0.00037 U	0.00036 U	0.00068	0.0013
C17-BZ#176	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#177	MG/KG	0.00040	0.00024 J	0.0012	0.0021
C17-BZ#178	MG/KG	0.00028 J	0.00036 U	0.00092	0.0016
C17-BZ#180	MG/KG	0.00086	0.00052	0.0037	0.0070
C17-BZ#182/#175	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
C17-BZ#183	MG/KG	0.00036 J	0.00025 J	0.0017	0.0028
C17-BZ#184	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#185	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#187	MG/KG	0.0014	0.00084	0.0051	0.0094
C17-BZ#188	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C17-BZ#189	MG/KG	0.00037 U	0.00036 U	0.00022 J	0.00034
C17-BZ#190	MG/KG	0.00037 U	0.00036 U	0.00040	0.00061
C17-BZ#191	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00019 J
C17-BZ#193	MG/KG	0.00037 U	0.00036 U	0.00036 J	0.00051
C18-BZ#194	MG/KG	0.00029 J	0.00036 U	0.00071	0.0013
C18-BZ#195	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00033 J
C18-BZ#196	MG/KG	0.00037 U	0.00036 U	0.00036 J	0.00066
C18-BZ#197	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C18-BZ#199	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C18-BZ#201	MG/KG	0.00031 J	0.00019 J	0.00087	0.0015
C18-BZ#202	MG/KG	0.00021 J	0.00036 U	0.00047	0.00068
C18-BZ#203	MG/KG	0.00037 U	0.00036 U	0.00039	0.00064
C18-BZ#204/#200	MG/KG	0.00073 U	0.00073 U	0.00074 U	0.00067 U
C18-BZ#205	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C19-BZ#206	MG/KG	0.00022 J	0.00036 U	0.00041	0.00059
C19-BZ#207	MG/KG	0.00037 U	0.00036 U	0.00037 U	0.00034 U
C19-BZ#208	MG/KG	0.00037 U	0.00036 U	0.00028 J	0.00036
C110-BZ#209	MG/KG	0.00037 U	0.00036 U	0.00022 J	0.00025 J

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

	Sample#	NBH19-FF-E-3-BSB
	Species	Black Sea Bass
	Species Type	Tissue
	Area	3
	Station	Station E
	Sample Date	8/6/2019
Parameter	Units	
Lipids	PERCENT	0.46
Total PCB Congeners ¹	MG/KG	0.12 J2
Total PCB Congeners Hits ²	MG/KG	0.10
Total NOAA Congeners ³	MG/KG	0.060 J3
Total WHO Congeners ⁴	MG/KG	0.017 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.064 J3
C11-BZ#1	MG/KG	0.00038 U
C11-BZ#3	MG/KG	0.00038 U
C12-BZ#4/#10	MG/KG	0.00076 U
C12-BZ#5	MG/KG	0.00038 U
C12-BZ#6	MG/KG	0.00038 U
C12-BZ#7	MG/KG	0.00038 U
C12-BZ#8	MG/KG	0.00038 U
C12-BZ#12	MG/KG	0.00038 U
C12-BZ#13	MG/KG	0.00076 U
C12-BZ#15	MG/KG	0.00038 U
C13-BZ#16	MG/KG	0.00038 U
C13-BZ#17	MG/KG	0.00038 U
C13-BZ#18	MG/KG	0.00038 U
C13-BZ#19	MG/KG	0.00038 U
C13-BZ#21/#20	MG/KG	0.00076 U
C13-BZ#22	MG/KG	0.00038 U
C13-BZ#24	MG/KG	0.00038 U
C13-BZ#25	MG/KG	0.00038 U
C13-BZ#26	MG/KG	0.00038 U
C13-BZ#27	MG/KG	0.00038 U
C13-BZ#28	MG/KG	0.00057
C13-BZ#29	MG/KG	0.00038 U
C13-BZ#31	MG/KG	0.00038 U
C13-BZ#32	MG/KG	0.00038 U
C13-BZ#33	MG/KG	0.00038 U
C13-BZ#37	MG/KG	0.00038 U
C14-BZ#40	MG/KG	0.00038 U
C14-BZ#41	MG/KG	0.00038 U
C14-BZ#42	MG/KG	0.00029 J
C14-BZ#43	MG/KG	0.00038 U
C14-BZ#44	MG/KG	0.00072
C14-BZ#45	MG/KG	0.00038 U
C14-BZ#47	MG/KG	0.0010
C14-BZ#48	MG/KG	0.00038 U
C14-BZ#49	MG/KG	0.0012
C14-BZ#50	MG/KG	0.00038 U
C14-BZ#51	MG/KG	0.00038 U
C14-BZ#52	MG/KG	0.0024
C14-BZ#53	MG/KG	0.00038 U
C14-BZ#54	MG/KG	0.00038 U
C14-BZ#56	MG/KG	0.00038 U

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

	Sample#	NBH19-FF-E-3-BSB
	Species	Black Sea Bass
	Species Type	Tissue
	Area	3
	Station	Station E
	Sample Date	8/6/2019
Parameter	Units	
C14-BZ#60	MG/KG	0.00038 U
C14-BZ#63	MG/KG	0.00038 U
C14-BZ#66	MG/KG	0.0015
C14-BZ#68/#64	MG/KG	0.0004 J
C14-BZ#70	MG/KG	0.00038 U
C14-BZ#71	MG/KG	0.00038 U
C14-BZ#73/#46	MG/KG	0.00076 U
C14-BZ#74	MG/KG	0.00090
C14-BZ#76	MG/KG	0.00038 U
C14-BZ#77	MG/KG	0.00038 U
C14-BZ#81	MG/KG	0.00038 U
C15-BZ#82	MG/KG	0.00038 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U
C15-BZ#85	MG/KG	0.00084
C15-BZ#87/#111	MG/KG	0.00039 J
C15-BZ#89/#84	MG/KG	0.00048 J
C15-BZ#91	MG/KG	0.00068
C15-BZ#92	MG/KG	0.0018
C15-BZ#97	MG/KG	0.00099
C15-BZ#99	MG/KG	0.0025
C15-BZ#100	MG/KG	0.00038 U
C15-BZ#101/#90	MG/KG	0.0056
C15-BZ#104	MG/KG	0.00038 U
C15-BZ#105	MG/KG	0.0016
C15-BZ#107/#123	MG/KG	0.0011
C15-BZ#110	MG/KG	0.0032
C15-BZ#114	MG/KG	0.00054
C15-BZ#118	MG/KG	0.010
C15-BZ#119	MG/KG	0.00058
C15-BZ#121/#95/#88	MG/KG	0.0013
C15-BZ#124	MG/KG	0.00038 U
C15-BZ#126	MG/KG	0.00038 U
C16-BZ#128	MG/KG	0.0025
C16-BZ#129/#158	MG/KG	0.0014
C16-BZ#130/#164	MG/KG	0.0010
C16-BZ#131	MG/KG	0.00038 U
C16-BZ#132	MG/KG	0.00081
C16-BZ#134	MG/KG	0.00035 J
C16-BZ#135	MG/KG	0.00089
C16-BZ#136	MG/KG	0.00020 J
C16-BZ#137	MG/KG	0.00039
C16-BZ#138	MG/KG	0.0080
C16-BZ#141	MG/KG	0.00046
C16-BZ#144	MG/KG	0.00038 U
C16-BZ#146	MG/KG	0.0036
C16-BZ#147/#149	MG/KG	0.0053 J+
C16-BZ#151	MG/KG	0.00084
C16-BZ#153	MG/KG	0.019
C16-BZ#154	MG/KG	0.00038 U
C16-BZ#155	MG/KG	0.00038 U

TABLE 2b - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date	Units	NBH19-FF-E-3-BSB Black Sea Bass Tissue 3 Station E 8/6/2019
C16-BZ#156		MG/KG	0.0012
C16-BZ#157		MG/KG	0.00043
C16-BZ#163/#160		MG/KG	0.0041
C16-BZ#167		MG/KG	0.00056
C16-BZ#168		MG/KG	0.00038 U
C16-BZ#169		MG/KG	0.00038 U
C17-BZ#170		MG/KG	0.0015
C17-BZ#171		MG/KG	0.00035 J
C17-BZ#172		MG/KG	0.00029 J
C17-BZ#173		MG/KG	0.00038 U
C17-BZ#174		MG/KG	0.00049
C17-BZ#176		MG/KG	0.00038 U
C17-BZ#177		MG/KG	0.00072
C17-BZ#178		MG/KG	0.00051
C17-BZ#180		MG/KG	0.0022
C17-BZ#182/#175		MG/KG	0.00076 U
C17-BZ#183		MG/KG	0.00093
C17-BZ#184		MG/KG	0.00038 U
C17-BZ#185		MG/KG	0.00038 U
C17-BZ#187		MG/KG	0.0028
C17-BZ#188		MG/KG	0.00038 U
C17-BZ#189		MG/KG	0.00038 U
C17-BZ#190		MG/KG	0.00022 J
C17-BZ#191		MG/KG	0.00038 U
C17-BZ#193		MG/KG	0.00038 U
C18-BZ#194		MG/KG	0.00046
C18-BZ#195		MG/KG	0.00038 U
C18-BZ#196		MG/KG	0.00028 J
C18-BZ#197		MG/KG	0.00038 U
C18-BZ#199		MG/KG	0.00038 U
C18-BZ#201		MG/KG	0.00059
C18-BZ#202		MG/KG	0.00028 J
C18-BZ#203		MG/KG	0.00022 J
C18-BZ#204/#200		MG/KG	0.00076 U
C18-BZ#205		MG/KG	0.00038 U
C19-BZ#206		MG/KG	0.00031 J
C19-BZ#207		MG/KG	0.00038 U
C19-BZ#208		MG/KG	0.00020 J
C110-BZ#209		MG/KG	0.00038 U

TABLE 2c - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB
	Species Species Type Area Station Sample Date Units	Black Sea Bass Tissue Marion MARION-1 9/30/2019	Black Sea Bass Tissue Marion MARION-2 9/30/2019	Black Sea Bass Tissue Marion MARION-3 9/30/2019
Lipids	PERCENT	0.55	0.47	0.41
Total PCB Congeners ¹	MG/KG	0.067 J2	0.036 J1	0.17 J2
Total PCB Congeners Hits ²	MG/KG	0.049	0.013	0.15
Total NOAA Congeners ³	MG/KG	0.030 J3	0.010 J2	0.094 J3
Total WHO Congeners ⁴	MG/KG	0.010 J3	0.0039 J1	0.025 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.033 J3	0.013 J2	0.10 J3
C11-BZ#1	MG/KG	0.00036 U	0.00037 U	0.00037 U
C11-BZ#3	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#4/#10	MG/KG	0.00072 U	0.00074 U	0.00074 U
C12-BZ#5	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#6	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#7	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#8	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#12	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#13	MG/KG	0.00072 U	0.00074 U	0.00074 U
C12-BZ#15	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#16	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#17	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#18	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#19	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#21/#20	MG/KG	0.00072 U	0.00074 U	0.00074 U
C13-BZ#22	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#24	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#25	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#26	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#27	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#28	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#29	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#31	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#32	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#33	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#37	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#40	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#41	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#42	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#43	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#44	MG/KG	0.00029 J	0.00037 U	0.00037 U
C14-BZ#45	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#47	MG/KG	0.00041	0.00019 J	0.00022 J
C14-BZ#48	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#49	MG/KG	0.00028 J	0.00037 U	0.00037 U
C14-BZ#50	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#51	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#52	MG/KG	0.0012	0.00025 J	0.00053
C14-BZ#53	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#54	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#56	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 2c - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB
		Black Sea Bass Tissue Marion MARION-1 9/30/2019	Black Sea Bass Tissue Marion MARION-2 9/30/2019	Black Sea Bass Tissue Marion MARION-3 9/30/2019
C14-BZ#60	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#63	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#66	MG/KG	0.00080	0.00030 J	0.00047
C14-BZ#68/#64	MG/KG	0.00072 U	0.00074 U	0.00074 U
C14-BZ#70	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#71	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#73/#46	MG/KG	0.00072 U	0.00074 U	0.00074 U
C14-BZ#74	MG/KG	0.00057	0.00025 J	0.00043
C14-BZ#76	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#77	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#81	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#82	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.00042	0.00019 J	0.00052
C15-BZ#87/#111	MG/KG	0.00072 U	0.00074 U	0.00074 U
C15-BZ#89/#84	MG/KG	0.00072 U	0.00074 U	0.00074 U
C15-BZ#91	MG/KG	0.00036 J	0.00037 U	0.00034 J
C15-BZ#92	MG/KG	0.0011	0.00024 J	0.0022
C15-BZ#97	MG/KG	0.00027 J	0.00037 U	0.0010
C15-BZ#99	MG/KG	0.00039	0.00031 J	0.00095
C15-BZ#100	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#101/#90	MG/KG	0.0030	0.00073 J	0.0060
C15-BZ#104	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#105	MG/KG	0.00095	0.00028 J	0.0024
C15-BZ#107/#123	MG/KG	0.00053 J	0.00074 U	0.00090
C15-BZ#110	MG/KG	0.0019	0.00032 J	0.0029
C15-BZ#114	MG/KG	0.00031 J	0.00037 U	0.00096
C15-BZ#118	MG/KG	0.0057	0.0016	0.016
C15-BZ#119	MG/KG	0.00035 J	0.00037 U	0.00055
C15-BZ#121/#95/#88	MG/KG	0.00063 J	0.0011 U	0.0011 U
C15-BZ#124	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#126	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#128	MG/KG	0.0013	0.00039	0.0040
C16-BZ#129/#158	MG/KG	0.00063 J	0.00074 U	0.0024
C16-BZ#130/#164	MG/KG	0.00045 J	0.00074 U	0.0013
C16-BZ#131	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#132	MG/KG	0.00040	0.00037 U	0.00075
C16-BZ#134	MG/KG	0.00036 U	0.00037 U	0.00052
C16-BZ#135	MG/KG	0.00050	0.00037 U	0.0014
C16-BZ#136	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#137	MG/KG	0.00026 J	0.00037 U	0.00056
C16-BZ#138	MG/KG	0.0031	0.0011	0.012
C16-BZ#141	MG/KG	0.00026 J	0.00037 U	0.00076
C16-BZ#144	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#146	MG/KG	0.0018	0.00059	0.0065
C16-BZ#147/#149	MG/KG	0.0026 J+	0.00066 J+	0.0083 J+
C16-BZ#151	MG/KG	0.00051	0.00037 U	0.0013
C16-BZ#153	MG/KG	0.0099	0.0032	0.039
C16-BZ#154	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#155	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 2c - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB
	Species	Black Sea Bass	Black Sea Bass	Black Sea Bass
Species Type		Tissue	Tissue	Tissue
Area		Marion	Marion	Marion
Station		MARION-1	MARION-2	MARION-3
Sample Date		9/30/2019	9/30/2019	9/30/2019
Units				
C16-BZ#156	MG/KG	0.00061	0.00037 U	0.0020
C16-BZ#157	MG/KG	0.00022 J	0.00037 U	0.00073
C16-BZ#163/#160	MG/KG	0.0021	0.00059 J	0.0073
C16-BZ#167	MG/KG	0.00034 J	0.00037 U	0.0010
C16-BZ#168	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#169	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#170	MG/KG	0.00074	0.00025 J	0.0025
C17-BZ#171	MG/KG	0.00036 U	0.00037 U	0.00052
C17-BZ#172	MG/KG	0.00019 J	0.00037 U	0.00042
C17-BZ#173	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#174	MG/KG	0.00020 J	0.00037 U	0.00078
C17-BZ#176	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#177	MG/KG	0.00034 J	0.00037 U	0.0011
C17-BZ#178	MG/KG	0.00025 J	0.00037 U	0.00097
C17-BZ#180	MG/KG	0.0010	0.00042	0.0041
C17-BZ#182/#175	MG/KG	0.00072 U	0.00074 U	0.00074 U
C17-BZ#183	MG/KG	0.00048	0.00024 J	0.0017
C17-BZ#184	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#185	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#187	MG/KG	0.0014	0.00065	0.0052
C17-BZ#188	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#189	MG/KG	0.00036 U	0.00037 U	0.00027 J
C17-BZ#190	MG/KG	0.00036 U	0.00037 U	0.00038
C17-BZ#191	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#193	MG/KG	0.00036 U	0.00037 U	0.00029 J
C18-BZ#194	MG/KG	0.00019 J	0.00037 U	0.00076
C18-BZ#195	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#196	MG/KG	0.00036 U	0.00037 U	0.00044
C18-BZ#197	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#199	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#201	MG/KG	0.00031 J	0.00037 U	0.00083
C18-BZ#202	MG/KG	0.00036 U	0.00037 U	0.00038
C18-BZ#203	MG/KG	0.00036 U	0.00037 U	0.00034 J
C18-BZ#204/#200	MG/KG	0.00072 U	0.00074 U	0.00074 U
C18-BZ#205	MG/KG	0.00036 U	0.00037 U	0.00037 U
C19-BZ#206	MG/KG	0.00036 U	0.00037 U	0.00031 J
C19-BZ#207	MG/KG	0.00036 U	0.00037 U	0.00037 U
C19-BZ#208	MG/KG	0.00036 U	0.00037 U	0.00019 J
C110-BZ#209	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 3a - SUMMARY OF SAMPLE DATA FOR BLUE CRAB (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	A1-A-BC	A1-B-BC	A1-C-BC	
Species	Blue Crab	Blue Crab	Blue Crab	
Species Type	Tissue	Tissue	Tissue	
Area	1	1	1	
Station	Station A	Station B	Station C	
Sample Date	9/5/2019	9/5/2019	9/5/2019	
Parameter	Units			
Lipids	PERCENT	0.74	0.73	0.47
Total PCB Congeners ¹	MG/KG	4.4 J4	2.1 J4	1.5 J4
Total PCB Congeners Hits ²	MG/KG	4.4	2.1	1.5
Total NOAA Congeners ³	MG/KG	1.9 J4	0.97 J4	0.69 J4
Total WHO Congeners ⁴	MG/KG	0.35 J4	0.20 J4	0.15 J4
Total NOAA / WHO Combined ⁵	MG/KG	1.9 J4	1.0 J4	0.71 J4
C11-BZ#1	MG/KG	0.00071 U	0.00040 U	0.00036 U
C11-BZ#3	MG/KG	0.00071 U	0.00040 U	0.00036 U
C12-BZ#4/#10	MG/KG	0.0048	0.0019	0.0025
C12-BZ#5	MG/KG	0.00071 U	0.0004 U	0.00036 U
C12-BZ#6	MG/KG	0.020	0.0065	0.0054
C12-BZ#7	MG/KG	0.00071 U	0.00040 U	0.00036 U
C12-BZ#8	MG/KG	0.027	0.011	0.0097
C12-BZ#12	MG/KG	0.00071 U	0.0004 U	0.00036 U
C12-BZ#13	MG/KG	0.0073	0.0030	0.0019
C12-BZ#15	MG/KG	0.012	0.0067	0.0088
C13-BZ#16	MG/KG	0.0020	0.00049	0.00038
C13-BZ#17	MG/KG	0.031	0.0098	0.012
C13-BZ#18	MG/KG	0.056	0.015	0.015
C13-BZ#19	MG/KG	0.0026	0.00078	0.00052
C13-BZ#21/#20	MG/KG	0.0048	0.0018	0.0016
C13-BZ#22	MG/KG	0.023	0.011	0.0073
C13-BZ#24	MG/KG	0.00071 U	0.00040 U	0.00036 U
C13-BZ#25	MG/KG	0.086	0.035	0.028
C13-BZ#26	MG/KG	0.13	0.044	0.046
C13-BZ#27	MG/KG	0.014	0.0045	0.0043
C13-BZ#28	MG/KG	0.60	0.36	0.25
C13-BZ#29	MG/KG	0.00071 U	0.00040 U	0.00036 U
C13-BZ#31	MG/KG	0.18	0.072	0.057
C13-BZ#32	MG/KG	0.035	0.015	0.013
C13-BZ#33	MG/KG	0.00071 U	0.00040 U	0.00036 U
C13-BZ#37	MG/KG	0.012	0.0073	0.0038
C14-BZ#40	MG/KG	0.0024	0.00046	0.00036 J
C14-BZ#41	MG/KG	0.00071 U	0.00040 U	0.00036 U
C14-BZ#42	MG/KG	0.025	0.0093	0.0070
C14-BZ#43	MG/KG	0.0016	0.00058	0.00051
C14-BZ#44	MG/KG	0.025	0.0058	0.0058
C14-BZ#45	MG/KG	0.0014	0.00037 J	0.00025 J
C14-BZ#47	MG/KG	0.31	0.17	0.087
C14-BZ#48	MG/KG	0.0035	0.00072	0.00065
C14-BZ#49	MG/KG	0.23	0.082	0.064
C14-BZ#50	MG/KG	0.0005 J	0.00040 U	0.00036 U
C14-BZ#51	MG/KG	0.010	0.0043	0.0040
C14-BZ#52	MG/KG	0.22	0.064	0.050
C14-BZ#53	MG/KG	0.015	0.0039	0.0032
C14-BZ#54	MG/KG	0.00071 U	0.00040 U	0.00036 U
C14-BZ#56	MG/KG	0.011	0.0038	0.0024

TABLE 3a - SUMMARY OF SAMPLE DATA FOR BLUE CRAB (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	Species	A1-A-BC	A1-B-BC	A1-C-BC
Species Type	Area	Blue Crab	Blue Crab	Blue Crab
Station	Station	Tissue	Tissue	Tissue
Sample Date	Sample Date	1	1	1
Parameter	Units	Station A	Station B	Station C
		9/5/2019	9/5/2019	9/5/2019
C14-BZ#60	MG/KG	0.026	0.021	0.016
C14-BZ#63	MG/KG	0.010	0.0053	0.0031
C14-BZ#66	MG/KG	0.13	0.077	0.049
C14-BZ#68/#64	MG/KG	0.064	0.028	0.017
C14-BZ#70	MG/KG	0.026	0.0086	0.0060
C14-BZ#71	MG/KG	0.048	0.019	0.015
C14-BZ#73/#46	MG/KG	0.0043	0.0019	0.0015
C14-BZ#74	MG/KG	0.11	0.064	0.041
C14-BZ#76	MG/KG	0.00071 U	0.00040 U	0.00036 U
C14-BZ#77	MG/KG	0.0059	0.0040	0.0027
C14-BZ#81	MG/KG	0.00071 U	0.00040 U	0.00036 U
C15-BZ#82	MG/KG	0.0010	0.00040	0.00037
C15-BZ#83/#125/#112	MG/KG	0.0042 J	0.0019	0.0013
C15-BZ#85	MG/KG	0.018	0.012	0.010
C15-BZ#87/#111	MG/KG	0.0048	0.0020	0.0014
C15-BZ#89/#84	MG/KG	0.0075	0.0032	0.0021
C15-BZ#91	MG/KG	0.043	0.018	0.012
C15-BZ#92	MG/KG	0.028	0.010	0.0065
C15-BZ#97	MG/KG	0.022	0.0093	0.0064
C15-BZ#99	MG/KG	0.30	0.17	0.097
C15-BZ#100	MG/KG	0.018	0.0099	0.0043
C15-BZ#101/#90	MG/KG	0.13	0.053	0.031
C15-BZ#104	MG/KG	0.00071 U	0.00040 U	0.00036 U
C15-BZ#105	MG/KG	0.030	0.019	0.017
C15-BZ#107/#123	MG/KG	0.021	0.011	0.0079
C15-BZ#110	MG/KG	0.12	0.047	0.034
C15-BZ#114	MG/KG	0.0092	0.0049	0.0032
C15-BZ#118	MG/KG	0.25	0.14	0.10
C15-BZ#119	MG/KG	0.044	0.025	0.012
C15-BZ#121/#95/#88	MG/KG	0.033	0.012	0.0075
C15-BZ#124	MG/KG	0.0026	0.0011	0.00080
C15-BZ#126	MG/KG	0.00075	0.00042	0.00039
C16-BZ#128	MG/KG	0.019	0.011	0.0092
C16-BZ#129/#158	MG/KG	0.022	0.013	0.0093
C16-BZ#130/#164	MG/KG	0.0096	0.0056	0.0039
C16-BZ#131	MG/KG	0.00057 J	0.00024 J	0.00021 J
C16-BZ#132	MG/KG	0.0029	0.00090	0.00092
C16-BZ#134	MG/KG	0.0030	0.00083	0.00076
C16-BZ#135	MG/KG	0.0084	0.0036	0.0026
C16-BZ#136	MG/KG	0.0030	0.0011	0.00077
C16-BZ#137	MG/KG	0.0081	0.0047	0.0040
C16-BZ#138	MG/KG	0.071	0.044	0.037
C16-BZ#141	MG/KG	0.0026	0.0015	0.00097
C16-BZ#144	MG/KG	0.0010	0.00052	0.00026 J
C16-BZ#146	MG/KG	0.041	0.022	0.015
C16-BZ#147/#149	MG/KG	0.091	0.043	0.026
C16-BZ#151	MG/KG	0.0077	0.0025	0.0018
C16-BZ#153	MG/KG	0.25	0.14	0.091
C16-BZ#154	MG/KG	0.018	0.010	0.0050
C16-BZ#155	MG/KG	0.00071 U	0.00040 U	0.00036 U

TABLE 3a - SUMMARY OF SAMPLE DATA FOR BLUE CRAB (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	Species	A1-A-BC	A1-B-BC	A1-C-BC
Species Type	Area	Blue Crab	Blue Crab	Blue Crab
Station	Station	Tissue	Tissue	Tissue
Sample Date	Sample Date	1	1	1
Parameter	Units	Station A	Station B	Station C
		9/5/2019	9/5/2019	9/5/2019
C16-BZ#156	MG/KG	0.017	0.0094	0.0079
C16-BZ#157	MG/KG	0.0033	0.0020	0.0019
C16-BZ#163/#160	MG/KG	0.067	0.034	0.021
C16-BZ#167	MG/KG	0.010	0.0055	0.0040
C16-BZ#168	MG/KG	0.00071 U	0.00040 U	0.00036 U
C16-BZ#169	MG/KG	0.00071 U	0.00040 U	0.00036 U
C17-BZ#170	MG/KG	0.0072	0.0048	0.0033
C17-BZ#171	MG/KG	0.0035	0.0020	0.0016
C17-BZ#172	MG/KG	0.0015	0.0010	0.00089
C17-BZ#173	MG/KG	0.00071 U	0.00040 U	0.00036 U
C17-BZ#174	MG/KG	0.0015	0.00076	0.00059
C17-BZ#176	MG/KG	0.00071 U	0.00040 U	0.00022 J
C17-BZ#177	MG/KG	0.0042	0.0024	0.0019
C17-BZ#178	MG/KG	0.0050	0.0027	0.0019
C17-BZ#180	MG/KG	0.017	0.0098	0.0077
C17-BZ#182/#175	MG/KG	0.0014 U	0.00080 U	0.00038 J
C17-BZ#183	MG/KG	0.0084	0.0044	0.0035
C17-BZ#184	MG/KG	0.00071 U	0.00040 U	0.00036 U
C17-BZ#185	MG/KG	0.00071 U	0.00040 U	0.00036 U
C17-BZ#187	MG/KG	0.026	0.014	0.010
C17-BZ#188	MG/KG	0.00057 J	0.00030 J	0.00036 U
C17-BZ#189	MG/KG	0.00079	0.00047	0.00044
C17-BZ#190	MG/KG	0.0024	0.0014	0.00087
C17-BZ#191	MG/KG	0.00059 J	0.00050	0.00034 J
C17-BZ#193	MG/KG	0.0012 J	0.00075	0.00065
C18-BZ#194	MG/KG	0.0020	0.0010	0.00081
C18-BZ#195	MG/KG	0.00054 J	0.00053	0.00036 U
C18-BZ#196	MG/KG	0.0013	0.00088	0.00063
C18-BZ#197	MG/KG	0.00071 U	0.00040 U	0.00036 U
C18-BZ#199	MG/KG	0.00071 U	0.00040 U	0.00036 U
C18-BZ#201	MG/KG	0.0028	0.0015	0.0014
C18-BZ#202	MG/KG	0.0018	0.00087	0.00063
C18-BZ#203	MG/KG	0.0014	0.00077	0.00060
C18-BZ#204/#200	MG/KG	0.00081 J	0.00080 U	0.00073 U
C18-BZ#205	MG/KG	0.00071 U	0.00040 U	0.00036 U
C19-BZ#206	MG/KG	0.00080	0.00048	0.00036 U
C19-BZ#207	MG/KG	0.00071 U	0.00023 J	0.00036 U
C19-BZ#208	MG/KG	0.00069 J	0.00030 J	0.00036 J
C110-BZ#209	MG/KG	0.00065 J	0.00040 U	0.00036 U

TABLE 4a - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample#	A1-A-BF	A1-B-BF	A1-C-BF	A1-D-BF	A1-E-BF
	Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish
	Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
	Area	1	1	1	1	1
	Station	Station A	Station B	Station C	Station D	Station E
	Sample Date	9/4/2019	9/5/2019	9/5/2019	9/6/2019	9/6/2019
	Units					
Lipids	PERCENT	5.8	1.7	3.7	7.1	4.9
Total PCB Congeners ¹	MG/KG	11 J4	3.2 J4	5.9 J4	17 J4	8.8 J4
Total PCB Congeners Hits ²	MG/KG	11	3.2	5.8	17	8.8
Total NOAA Congeners ³	MG/KG	4.1 J4	1.2 J4	2.2 J4	6.2 J4	3.4 J4
Total WHO Congeners ⁴	MG/KG	0.61 J4	0.18 J4	0.30 J4	0.92 J4	0.50 J4
Total NOAA / WHO Combined ⁵	MG/KG	4.2 J4	1.3 J4	2.2 J4	6.4 J4	3.5 J4
C11-BZ#1	MG/KG	0.0017	0.00060	0.0014	0.0021	0.00099 J
C11-BZ#3	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C12-BZ#4/#10	MG/KG	0.023	0.0074	0.020	0.035	0.016
C12-BZ#5	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C12-BZ#6	MG/KG	0.059	0.018	0.047	0.094	0.040
C12-BZ#7	MG/KG	0.0017	0.00049	0.0012	0.0028	0.0015
C12-BZ#8	MG/KG	0.059	0.017	0.043	0.094	0.040
C12-BZ#12	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C12-BZ#13	MG/KG	0.0030 U	0.00054 J	0.0020	0.0020 J	0.0028 U
C12-BZ#15	MG/KG	0.0011 J	0.00049	0.0019	0.0020	0.00090 J
C13-BZ#16	MG/KG	0.015	0.0043	0.0093	0.023	0.011
C13-BZ#17	MG/KG	0.12	0.034 J+	0.073	0.18	0.087
C13-BZ#18	MG/KG	0.25	0.071 J+	0.16	0.39	0.19
C13-BZ#19	MG/KG	0.016	0.0051	0.012	0.026	0.012
C13-BZ#21/#20	MG/KG	0.023	0.0059	0.013	0.031	0.014
C13-BZ#22	MG/KG	0.060	0.016	0.031	0.091	0.045
C13-BZ#24	MG/KG	0.0014 J	0.00036 J	0.00057 J	0.0016	0.00088 J
C13-BZ#25	MG/KG	0.22	0.056 J+	0.14	0.37	0.16
C13-BZ#26	MG/KG	0.41	0.12	0.23	0.63	0.30
C13-BZ#27	MG/KG	0.041	0.013	0.028	0.066	0.031
C13-BZ#28	MG/KG	0.55	0.15	0.29	0.83	0.43
C13-BZ#29	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C13-BZ#31	MG/KG	0.49	0.13	0.27	0.75	0.36
C13-BZ#32	MG/KG	0.077	0.024	0.048	0.12	0.057
C13-BZ#33	MG/KG	0.026	0.0065 J	0.013	0.044	0.023
C13-BZ#37	MG/KG	0.0066	0.0018	0.0036	0.0092	0.0047
C14-BZ#40	MG/KG	0.023	0.0067	0.012	0.035	0.017
C14-BZ#41	MG/KG	0.0040	0.0013	0.0019	0.0074	0.0032
C14-BZ#42	MG/KG	0.099	0.030 J+	0.055	0.16	0.082
C14-BZ#43	MG/KG	0.0064	0.0020	0.0033	0.0098	0.0048
C14-BZ#44	MG/KG	0.23	0.067 J+	0.12	0.35	0.18
C14-BZ#45	MG/KG	0.019	0.0055	0.011	0.030	0.015
C14-BZ#47	MG/KG	0.30	0.089	0.16	0.46	0.25
C14-BZ#48	MG/KG	0.022	0.0069	0.012	0.034	0.019
C14-BZ#49	MG/KG	0.89	0.27	0.49	1.4	0.74
C14-BZ#50	MG/KG	0.0014 J	0.0005	0.00068 J	0.0020	0.0013 J
C14-BZ#51	MG/KG	0.029	0.0096	0.019	0.047	0.024
C14-BZ#52	MG/KG	0.90	0.27	0.49	1.4	0.74
C14-BZ#53	MG/KG	0.082	0.025	0.048	0.13	0.065
C14-BZ#54	MG/KG	0.0011 J	0.00030 J	0.00061 J	0.0014 J	0.00078 J
C14-BZ#56	MG/KG	0.051	0.015	0.027	0.078	0.041

TABLE 4a - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	A1-A-BF	A1-B-BF	A1-C-BF	A1-D-BF	A1-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	1	1	1	1	1	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	9/4/2019	9/5/2019	9/5/2019	9/6/2019	9/6/2019	
Parameter	Units					
C14-BZ#60	MG/KG	0.028	0.0086	0.015	0.047	0.023
C14-BZ#63	MG/KG	0.021	0.0060	0.010	0.033	0.016
C14-BZ#66	MG/KG	0.22	0.061 J+	0.11	0.33	0.18
C14-BZ#68/#64	MG/KG	0.17	0.050	0.092	0.26	0.14
C14-BZ#70	MG/KG	0.16	0.044 J+	0.077	0.24	0.13
C14-BZ#71	MG/KG	0.098	0.031 J+	0.054	0.15	0.079
C14-BZ#73/#46	MG/KG	0.014	0.0042	0.0075	0.020	0.010
C14-BZ#74	MG/KG	0.15	0.042 J+	0.075	0.23	0.12
C14-BZ#76	MG/KG	0.00092 J	0.00040 U	0.00041 J	0.0016	0.0014 U
C14-BZ#77	MG/KG	0.0074	0.0016 J	0.0032	0.011	0.0062
C14-BZ#81	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C15-BZ#82	MG/KG	0.017	0.0048 J	0.0078	0.026	0.013
C15-BZ#83/#125/#112	MG/KG	0.021	0.0060 J	0.012	0.031	0.016
C15-BZ#85	MG/KG	0.049	0.013 J	0.025	0.076	0.044
C15-BZ#87/#111	MG/KG	0.063	0.018	0.032	0.098	0.052
C15-BZ#89/#84	MG/KG	0.072	0.022	0.038	0.11	0.059
C15-BZ#91	MG/KG	0.15	0.048 J+	0.086	0.23	0.13
C15-BZ#92	MG/KG	0.12	0.036 J+	0.060	0.18	0.098
C15-BZ#97	MG/KG	0.15	0.045 J+	0.078	0.23	0.12
C15-BZ#99	MG/KG	0.43	0.13	0.23	0.66	0.37
C15-BZ#100	MG/KG	0.016	0.0049 J	0.0083	0.023	0.013
C15-BZ#101/#90	MG/KG	0.54	0.16	0.29	0.83	0.46
C15-BZ#104	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C15-BZ#105	MG/KG	0.063	0.019	0.030	0.096	0.051
C15-BZ#107/#123	MG/KG	0.040	0.012	0.019	0.059	0.032
C15-BZ#110	MG/KG	0.44	0.14	0.24	0.68	0.38
C15-BZ#114	MG/KG	0.015	0.0044	0.0071	0.020	0.013
C15-BZ#118	MG/KG	0.43	0.12	0.21	0.65	0.35
C15-BZ#119	MG/KG	0.043	0.013 J	0.023	0.064	0.035
C15-BZ#121/#95/#88	MG/KG	0.26	0.078	0.14	0.39	0.22
C15-BZ#124	MG/KG	0.010	0.0030 J	0.0051	0.015	0.0077
C15-BZ#126	MG/KG	0.0012 J	0.00040 U	0.00098	0.0019	0.0014 U
C16-BZ#128	MG/KG	0.053	0.017	0.027	0.080	0.044
C16-BZ#129/#158	MG/KG	0.043	0.014	0.023	0.067	0.037
C16-BZ#130/#164	MG/KG	0.039	0.013	0.020	0.057	0.033
C16-BZ#131	MG/KG	0.0054	0.0015	0.0024	0.0068	0.0038
C16-BZ#132	MG/KG	0.061	0.018	0.029	0.093	0.052
C16-BZ#134	MG/KG	0.020	0.0063	0.010	0.029	0.016
C16-BZ#135	MG/KG	0.038	0.012	0.019	0.058	0.032
C16-BZ#136	MG/KG	0.035	0.012	0.020	0.055	0.031
C16-BZ#137	MG/KG	0.018	0.0061	0.0092	0.026	0.015
C16-BZ#138	MG/KG	0.23	0.067 J+	0.11	0.32	0.18
C16-BZ#141	MG/KG	0.025	0.0083	0.013	0.039	0.021
C16-BZ#144	MG/KG	0.0078	0.0026	0.0043	0.013	0.0068
C16-BZ#146	MG/KG	0.081	0.025	0.039	0.12	0.067
C16-BZ#147/#149	MG/KG	0.34	0.11 J+	0.17	0.51	0.28
C16-BZ#151	MG/KG	0.052	0.016	0.026	0.077	0.043
C16-BZ#153	MG/KG	0.47	0.15	0.24	0.70	0.40
C16-BZ#154	MG/KG	0.020	0.0067	0.011	0.029	0.018
C16-BZ#155	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U

TABLE 4a - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	A1-A-BF	A1-B-BF	A1-C-BF	A1-D-BF	A1-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	1	1	1	1	1	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	9/4/2019	9/5/2019	9/5/2019	9/6/2019	9/6/2019	
Parameter	Units					
C16-BZ#156	MG/KG	0.028	0.0098	0.016	0.043	0.025
C16-BZ#157	MG/KG	0.0075	0.0026	0.0039	0.012	0.0068
C16-BZ#163/#160	MG/KG	0.10	0.035	0.057	0.16	0.089
C16-BZ#167	MG/KG	0.017	0.0059	0.0091	0.024	0.014
C16-BZ#168	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C16-BZ#169	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C17-BZ#170	MG/KG	0.026	0.010	0.015	0.041	0.024
C17-BZ#171	MG/KG	0.0088	0.0033	0.0048	0.012	0.0073
C17-BZ#172	MG/KG	0.0050	0.0020	0.0028	0.0070	0.0046
C17-BZ#173	MG/KG	0.0015 U	0.00030 J	0.00075 U	0.00099 J	0.0014 U
C17-BZ#174	MG/KG	0.012	0.0046	0.0069	0.018	0.011
C17-BZ#176	MG/KG	0.0033	0.0011	0.0018	0.0046	0.0029
C17-BZ#177	MG/KG	0.015	0.0053	0.0081	0.022	0.013
C17-BZ#178	MG/KG	0.0088	0.0032	0.0047	0.012	0.0078
C17-BZ#180	MG/KG	0.045	0.017	0.026	0.068	0.042
C17-BZ#182/#175	MG/KG	0.0019 J	0.00064 J	0.0010 J	0.0025 J	0.0015 J
C17-BZ#183	MG/KG	0.018	0.0064	0.0099	0.027	0.015
C17-BZ#184	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C17-BZ#185	MG/KG	0.0018	0.00055 J	0.00082	0.0025	0.0014
C17-BZ#187	MG/KG	0.047	0.018	0.028	0.069	0.042
C17-BZ#188	MG/KG	0.00082 J	0.00028 J	0.00045 J	0.0011 J	0.00072 J
C17-BZ#189	MG/KG	0.0021	0.00077	0.0013	0.0025	0.0017
C17-BZ#190	MG/KG	0.0052	0.0021	0.0028	0.0087	0.0053
C17-BZ#191	MG/KG	0.0016	0.00056	0.00083	0.0023	0.0015
C17-BZ#193	MG/KG	0.0039	0.0013	0.0021	0.0051	0.0028
C18-BZ#194	MG/KG	0.0068	0.0035	0.0043	0.011	0.0069
C18-BZ#195	MG/KG	0.0027	0.0012	0.0016	0.0036	0.0022
C18-BZ#196	MG/KG	0.0039	0.0017	0.0026	0.0053	0.0025
C18-BZ#197	MG/KG	0.0015 U	0.00023 J	0.00075 U	0.0014 U	0.0014 U
C18-BZ#199	MG/KG	0.0015 U	0.00032 J	0.00042 J	0.0011 J	0.0014 U
C18-BZ#201	MG/KG	0.0083	0.0039	0.0052	0.012	0.0066
C18-BZ#202	MG/KG	0.0032	0.0014 J	0.0023	0.0042	0.0028
C18-BZ#203	MG/KG	0.0046	0.0021	0.0033	0.0075	0.0054
C18-BZ#204/#200	MG/KG	0.0030 U	0.00068 J	0.0012 J	0.0020 J	0.0015 J
C18-BZ#205	MG/KG	0.0015 U	0.00040 U	0.00075 U	0.0014 U	0.0014 U
C19-BZ#206	MG/KG	0.0043	0.0024	0.0030	0.0049	0.0037
C19-BZ#207	MG/KG	0.0011 J	0.00033 J	0.00050 J	0.00095 J	0.00087 J
C19-BZ#208	MG/KG	0.0018	0.00094	0.0013	0.0023	0.0017
C110-BZ#209	MG/KG	0.00091 J	0.00075	0.00096	0.0015	0.0013 J

TABLE 4b - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	A2-A-BF	A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF
	Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish
	Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
	Area	2	2	2	2	2
	Station	Station A	Station B	Station C	Station D	Station E
	Sample Date	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019
	Units					
Lipids	PERCENT	5.0	1.0	2.0	2.3	1.7
Total PCB Congeners ¹	MG/KG	9.4 J4	0.58 J3	2.1 J4	1.8 J4	1.4 J4
Total PCB Congeners Hits ²	MG/KG	9.4	0.57	2.1	1.8	1.4
Total NOAA Congeners ³	MG/KG	3.5 J4	0.21 J4	0.81 J4	0.71 J4	0.53 J4
Total WHO Congeners ⁴	MG/KG	0.50 J4	0.032 J3	0.13 J4	0.11 J4	0.084 J4
Total NOAA / WHO Combined ⁵	MG/KG	3.6 J4	0.22 J4	0.84 J4	0.74 J4	0.55 J4
C11-BZ#1	MG/KG	0.0012 J	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C11-BZ#3	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#4/#10	MG/KG	0.019	0.00094	0.0032	0.0020	0.0024
C12-BZ#5	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#6	MG/KG	0.052	0.0028	0.0081	0.0096	0.0063
C12-BZ#7	MG/KG	0.0016	0.00037 U	0.00030 J	0.00025 J	0.00038 U
C12-BZ#8	MG/KG	0.050	0.0026	0.0088	0.0090	0.0058
C12-BZ#12	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#13	MG/KG	0.0030 U	0.00074 U	0.00078 U	0.00077 U	0.00076 U
C12-BZ#15	MG/KG	0.0011 J	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#16	MG/KG	0.013	0.00073	0.0024	0.0022	0.0017
C13-BZ#17	MG/KG	0.10	0.0058	0.019	0.023	0.012
C13-BZ#18	MG/KG	0.22	0.012	0.040	0.048	0.026
C13-BZ#19	MG/KG	0.015	0.00069	0.0025	0.0029	0.0017
C13-BZ#21/#20	MG/KG	0.019	0.00092	0.0040	0.0032	0.0019
C13-BZ#22	MG/KG	0.049	0.0027	0.010	0.0085	0.0060
C13-BZ#24	MG/KG	0.00095 J	0.00037 U	0.00022 J	0.00039 U	0.00038 U
C13-BZ#25	MG/KG	0.22	0.014	0.032	0.041	0.019
C13-BZ#26	MG/KG	0.36	0.019	0.068	0.074	0.041
C13-BZ#27	MG/KG	0.04	0.0023	0.0067	0.0096	0.0048
C13-BZ#28	MG/KG	0.47	0.023	0.090	0.090	0.054
C13-BZ#29	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#31	MG/KG	0.43	0.021	0.078	0.074	0.048
C13-BZ#32	MG/KG	0.070	0.0038	0.013	0.016	0.0079
C13-BZ#33	MG/KG	0.021	0.00083	0.0044	0.0034	0.0030
C13-BZ#37	MG/KG	0.0051	0.00033 J	0.0011	0.0010	0.00092
C14-BZ#40	MG/KG	0.019	0.0010	0.0042	0.0032	0.0024
C14-BZ#41	MG/KG	0.0032	0.00037 U	0.00094	0.00049	0.00062
C14-BZ#42	MG/KG	0.090	0.0049	0.019	0.015	0.012
C14-BZ#43	MG/KG	0.0061	0.00036 J	0.0012	0.0010	0.00082
C14-BZ#44	MG/KG	0.20	0.010	0.042	0.035	0.026
C14-BZ#45	MG/KG	0.017	0.0010	0.0033	0.0030	0.0021
C14-BZ#47	MG/KG	0.27	0.014	0.057	0.048	0.035
C14-BZ#48	MG/KG	0.020	0.0011	0.0040	0.0032	0.0027
C14-BZ#49	MG/KG	0.80	0.043	0.17	0.14	0.10
C14-BZ#50	MG/KG	0.0013 J	0.00037 U	0.00025 J	0.00026 J	0.00022 J
C14-BZ#51	MG/KG	0.029	0.0017	0.0053	0.0062	0.0036
C14-BZ#52	MG/KG	0.81	0.043	0.17	0.15	0.11
C14-BZ#53	MG/KG	0.075	0.0043	0.014	0.017	0.0094
C14-BZ#54	MG/KG	0.00088 J	0.00037 U	0.00039 U	0.00026 J	0.00038 U
C14-BZ#56	MG/KG	0.043	0.0025	0.0099	0.0068	0.0061

TABLE 4b - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	A2-A-BF	A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	2	2	2	2	2	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	
Parameter	Units					
C14-BZ#60	MG/KG	0.025	0.0013	0.0060	0.0038	0.0035
C14-BZ#63	MG/KG	0.017	0.00089	0.0042	0.0032	0.0027
C14-BZ#66	MG/KG	0.18	0.0098	0.042	0.031	0.026
C14-BZ#68/#64	MG/KG	0.15	0.0080	0.032	0.025	0.020
C14-BZ#70	MG/KG	0.13	0.0069	0.030	0.020	0.018
C14-BZ#71	MG/KG	0.090	0.0052	0.019	0.018	0.012
C14-BZ#73/#46	MG/KG	0.012	0.00077	0.0023	0.0027	0.0015
C14-BZ#74	MG/KG	0.12	0.0067	0.029	0.020	0.018
C14-BZ#76	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C14-BZ#77	MG/KG	0.0049	0.00037	0.0013	0.0012	0.00088
C14-BZ#81	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C15-BZ#82	MG/KG	0.014	0.00093	0.0035	0.0024	0.0024
C15-BZ#83/#125/#112	MG/KG	0.018	0.0012	0.0043	0.0033	0.0027
C15-BZ#85	MG/KG	0.038	0.0025	0.010	0.0081	0.0068
C15-BZ#87/#111	MG/KG	0.052	0.0033	0.013	0.0091	0.0082
C15-BZ#89/#84	MG/KG	0.063	0.0042	0.015	0.012	0.0094
C15-BZ#91	MG/KG	0.14	0.0089	0.032	0.024	0.021
C15-BZ#92	MG/KG	0.099	0.0064	0.025	0.020	0.016
C15-BZ#97	MG/KG	0.13	0.0081	0.031	0.023	0.020
C15-BZ#99	MG/KG	0.37	0.023	0.089	0.073	0.058
C15-BZ#100	MG/KG	0.014	0.0010	0.0032	0.0027	0.0023
C15-BZ#101/#90	MG/KG	0.47	0.029	0.11	0.083	0.070
C15-BZ#104	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C15-BZ#105	MG/KG	0.050	0.0031	0.013	0.011	0.0085
C15-BZ#107/#123	MG/KG	0.033	0.0022	0.0085	0.0073	0.0057
C15-BZ#110	MG/KG	0.39	0.024	0.093	0.070	0.060
C15-BZ#114	MG/KG	0.012	0.00099	0.0031	0.0027	0.0024
C15-BZ#118	MG/KG	0.35	0.021	0.088	0.074	0.057
C15-BZ#119	MG/KG	0.038	0.0024	0.0093	0.0073	0.0060
C15-BZ#121/#95/#88	MG/KG	0.23	0.014	0.052	0.040	0.033
C15-BZ#124	MG/KG	0.0090	0.00059	0.0022	0.0014	0.0014
C15-BZ#126	MG/KG	0.0011 J	0.00037 U	0.00039 U	0.00032 J	0.00038 U
C16-BZ#128	MG/KG	0.044	0.0034	0.012	0.011	0.0085
C16-BZ#129/#158	MG/KG	0.040	0.0028	0.011	0.0077	0.0066
C16-BZ#130/#164	MG/KG	0.033	0.0025	0.0091	0.0070	0.0060
C16-BZ#131	MG/KG	0.0041	0.00035 J	0.00095	0.00073	0.00066
C16-BZ#132	MG/KG	0.049	0.0036	0.013	0.0094	0.0087
C16-BZ#134	MG/KG	0.017	0.0011	0.0042	0.0030	0.0029
C16-BZ#135	MG/KG	0.033	0.0025	0.0085	0.0067	0.0057
C16-BZ#136	MG/KG	0.033	0.0022	0.0077	0.0060	0.0055
C16-BZ#137	MG/KG	0.015	0.0011	0.0040	0.0034	0.0027
C16-BZ#138	MG/KG	0.17	0.014	0.050	0.045	0.036
C16-BZ#141	MG/KG	0.022	0.0016	0.0058	0.0040	0.0040
C16-BZ#144	MG/KG	0.0072	0.00050	0.0019	0.0014	0.0012
C16-BZ#146	MG/KG	0.067	0.0056	0.018	0.018	0.013
C16-BZ#147/#149	MG/KG	0.30	0.021	0.074	0.058	0.049
C16-BZ#151	MG/KG	0.044	0.0033	0.011	0.0089	0.0080
C16-BZ#153	MG/KG	0.40	0.030	0.11	0.099	0.076
C16-BZ#154	MG/KG	0.018	0.0014	0.0046	0.0040	0.0033
C16-BZ#155	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U

TABLE 4b - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	A2-A-BF	A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	2	2	2	2	2	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	
Parameter	Units					
C16-BZ#156	MG/KG	0.025	0.0020	0.0071	0.0058	0.0048
C16-BZ#157	MG/KG	0.0068	0.00058	0.0020	0.0017	0.0013
C16-BZ#163/#160	MG/KG	0.091	0.0068	0.024	0.021	0.016
C16-BZ#167	MG/KG	0.015	0.0012	0.0044	0.0035	0.0029
C16-BZ#168	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C16-BZ#169	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#170	MG/KG	0.026	0.0023	0.0072	0.0057	0.0053
C17-BZ#171	MG/KG	0.0078	0.00096	0.0023	0.0019	0.0017
C17-BZ#172	MG/KG	0.0050	0.00049	0.0014	0.0011	0.00096
C17-BZ#173	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#174	MG/KG	0.011	0.0012	0.0033	0.0023	0.0026
C17-BZ#176	MG/KG	0.0030	0.00025 J	0.00090	0.00054	0.00057
C17-BZ#177	MG/KG	0.013	0.0014	0.0042	0.0030	0.0029
C17-BZ#178	MG/KG	0.0074	0.0010	0.0025	0.0020	0.0020
C17-BZ#180	MG/KG	0.043	0.0042	0.013	0.0099	0.0094
C17-BZ#182/#175	MG/KG	0.0020 J	0.00074 U	0.00053 J	0.00044 J	0.00039 J
C17-BZ#183	MG/KG	0.016	0.0018	0.0048	0.0041	0.0039
C17-BZ#184	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#185	MG/KG	0.0012 J	0.00037 U	0.00048	0.00031 J	0.00049
C17-BZ#187	MG/KG	0.043	0.0053	0.014	0.011	0.011
C17-BZ#188	MG/KG	0.0015 U	0.00037 U	0.00022 J	0.00039 U	0.00038 U
C17-BZ#189	MG/KG	0.0011 J	0.00037 U	0.00070	0.00047	0.00044
C17-BZ#190	MG/KG	0.0054	0.00049	0.0014	0.0012	0.00098
C17-BZ#191	MG/KG	0.0014 J	0.00037 U	0.00034 J	0.00037 J	0.00031 J
C17-BZ#193	MG/KG	0.0036	0.00040	0.0010	0.00083	0.00088
C18-BZ#194	MG/KG	0.0069	0.00090	0.0024	0.0019	0.0020
C18-BZ#195	MG/KG	0.0027	0.00037 U	0.00074	0.00075	0.00054
C18-BZ#196	MG/KG	0.0035	0.00056	0.0014	0.0011	0.00097
C18-BZ#197	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C18-BZ#199	MG/KG	0.0015 U	0.00037 U	0.00026 J	0.00039 U	0.00038 U
C18-BZ#201	MG/KG	0.0076	0.0012	0.0027	0.0020	0.0025
C18-BZ#202	MG/KG	0.0033	0.00060	0.0012	0.0011	0.0012
C18-BZ#203	MG/KG	0.0051	0.00055	0.0016	0.0011	0.0015
C18-BZ#204/#200	MG/KG	0.0030 U	0.00074 U	0.00050 J	0.00052 J	0.00051 J
C18-BZ#205	MG/KG	0.0015 U	0.00037 U	0.00039 U	0.00039 U	0.00038 U
C19-BZ#206	MG/KG	0.0047	0.00078	0.0016	0.0014	0.0020
C19-BZ#207	MG/KG	0.0015 U	0.00037 U	0.00021 J	0.00021 J	0.00038 J
C19-BZ#208	MG/KG	0.0020	0.00041	0.00068	0.00077	0.0011
C110-BZ#209	MG/KG	0.0015 U	0.00045	0.00065	0.00068	0.0015

TABLE 4c - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	A3-A-BF	A3-B-BF	A3-C-BF	A3-D-BF	A3-E-BF
	Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish
	Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
	Area	3	3	3	3	3
	Station	Station A	Station B	Station C	Station D	Station E
	Sample Date	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/25/2019
	Units					
Lipids	PERCENT	3.0	1.5	1.6	2.8	1.1
Total PCB Congeners ¹	MG/KG	0.26 J3	0.13 J3	0.23 J3	0.94 J4	0.19 J3
Total PCB Congeners Hits ²	MG/KG	0.25	0.11	0.22	0.94	0.18
Total NOAA Congeners ³	MG/KG	0.12 J4	0.054 J4	0.11 J4	0.53 J4	0.082 J4
Total WHO Congeners ⁴	MG/KG	0.025 J3	0.0095 J3	0.017 J3	0.13 J4	0.015 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.12 J4	0.058 J3	0.11 J3	0.56 J4	0.086 J3
C11-BZ#1	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C11-BZ#3	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C12-BZ#4/#10	MG/KG	0.00068 U	0.00069 U	0.00068 U	0.00057 J	0.00073 U
C12-BZ#5	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C12-BZ#6	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00050	0.00036 U
C12-BZ#7	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C12-BZ#8	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00083	0.00036 U
C12-BZ#12	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C12-BZ#13	MG/KG	0.00068 U	0.00069 U	0.00068 U	0.00069 U	0.00073 U
C12-BZ#15	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C13-BZ#16	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00017 J	0.00036 U
C13-BZ#17	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.0012	0.00028 J
C13-BZ#18	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.0027	0.00049
C13-BZ#19	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035	0.00036 U
C13-BZ#21/#20	MG/KG	0.00068 U	0.00069 U	0.00068 U	0.00069 U	0.00073 U
C13-BZ#22	MG/KG	0.00028 J	0.00034 U	0.00034 U	0.00081	0.00036 U
C13-BZ#24	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C13-BZ#25	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.0016	0.00026 J
C13-BZ#26	MG/KG	0.00091	0.00034 U	0.00034 U	0.0044	0.00065
C13-BZ#27	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00053	0.00036 U
C13-BZ#28	MG/KG	0.0020	0.00036	0.00048	0.0054	0.00086
C13-BZ#29	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C13-BZ#31	MG/KG	0.0014 J	0.00034 U	0.00034	0.0045	0.00062
C13-BZ#32	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00091	0.00036 U
C13-BZ#33	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C13-BZ#37	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00026 J	0.00036 U
C14-BZ#40	MG/KG	0.00026 J	0.00034 U	0.00034 U	0.00023 J	0.00036 U
C14-BZ#41	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#42	MG/KG	0.0011	0.00029 J	0.00042	0.0016	0.00039
C14-BZ#43	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#44	MG/KG	0.0021	0.00070	0.00078	0.0042	0.00097
C14-BZ#45	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00030 J	0.00036 U
C14-BZ#47	MG/KG	0.0036 J	0.00078 J	0.0013 J	0.0056 J	0.0017 J
C14-BZ#48	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#49	MG/KG	0.0080	0.0012	0.0021	0.016	0.0038
C14-BZ#50	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#51	MG/KG	0.00022 J	0.00034 U	0.00034 U	0.00032 J	0.00036 U
C14-BZ#52	MG/KG	0.0082	0.0015	0.0022	0.028	0.0039
C14-BZ#53	MG/KG	0.00027 J	0.00034 U	0.00034 U	0.00099	0.00036 U
C14-BZ#54	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#56	MG/KG	0.00091	0.00039	0.00075	0.0022	0.00046

TABLE 4c - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	A3-A-BF	A3-B-BF	A3-C-BF	A3-D-BF	A3-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	3	3	3	3	3	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/25/2019	
Parameter	Units					
C14-BZ#60	MG/KG	0.00053	0.00034 U	0.00027 J	0.00095	0.00027 J
C14-BZ#63	MG/KG	0.00047	0.00034 U	0.00034 U	0.0015	0.00021 J
C14-BZ#66	MG/KG	0.0052	0.0017	0.0029	0.0088	0.0023
C14-BZ#68/#64	MG/KG	0.0018	0.00046 J	0.00080	0.0034	0.00097
C14-BZ#70	MG/KG	0.0031	0.00092	0.0016	0.0039	0.0011
C14-BZ#71	MG/KG	0.00052	0.00034 U	0.00026 J	0.00089	0.00029 J
C14-BZ#73/#46	MG/KG	0.00068 U	0.00069 U	0.00068 U	0.00069 U	0.00073 U
C14-BZ#74	MG/KG	0.0027	0.00075	0.0015	0.0085	0.0015
C14-BZ#76	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C14-BZ#77	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00041	0.00036 U
C14-BZ#81	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C15-BZ#82	MG/KG	0.00049	0.00026 J	0.00042	0.00062	0.00023 J
C15-BZ#83/#125/#112	MG/KG	0.00057 J	0.0010 U	0.0010 U	0.0011	0.0011 U
C15-BZ#85	MG/KG	0.0021	0.00076	0.0017	0.0030	0.0013
C15-BZ#87/#111	MG/KG	0.0020	0.00075	0.0016	0.0069	0.0017
C15-BZ#89/#84	MG/KG	0.0015	0.00045 J	0.00072	0.0021	0.00068 J
C15-BZ#91	MG/KG	0.0026	0.00079	0.0012	0.0053	0.0017
C15-BZ#92	MG/KG	0.0038	0.0014	0.0023	0.017	0.0022
C15-BZ#97	MG/KG	0.0042	0.0016	0.0028	0.0068	0.0028
C15-BZ#99	MG/KG	0.016	0.0060	0.011	0.043	0.0089
C15-BZ#100	MG/KG	0.00039	0.00023 J	0.00031 J	0.00055	0.00024 J
C15-BZ#101/#90	MG/KG	0.018	0.0065	0.012	0.076	0.012
C15-BZ#104	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C15-BZ#105	MG/KG	0.0025	0.00085	0.0017	0.011	0.0016
C15-BZ#107/#123	MG/KG	0.0020	0.00089	0.0017	0.0097	0.0011
C15-BZ#110	MG/KG	0.010	0.0037	0.0059	0.016	0.0065
C15-BZ#114	MG/KG	0.00067	0.00036	0.00067	0.0032	0.00048
C15-BZ#118	MG/KG	0.016	0.0052	0.0099	0.085	0.0092
C15-BZ#119	MG/KG	0.0010	0.00049	0.00064	0.0019	0.00066
C15-BZ#121/#95/#88	MG/KG	0.0056	0.0020	0.0029	0.017	0.0031
C15-BZ#124	MG/KG	0.00028 J	0.00034 U	0.00017 J	0.00066	0.00036 U
C15-BZ#126	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00026 J	0.00036 U
C16-BZ#128	MG/KG	0.0034	0.0013	0.0027	0.014	0.0021
C16-BZ#129/#158	MG/KG	0.0016	0.00070	0.0015	0.0078	0.0015
C16-BZ#130/#164	MG/KG	0.0017	0.00091	0.0016	0.0066	0.0012
C16-BZ#131	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00021 J	0.00036 U
C16-BZ#132	MG/KG	0.0024	0.0011	0.0022	0.0055	0.0017
C16-BZ#134	MG/KG	0.00065	0.00038	0.00057	0.0012	0.00043
C16-BZ#135	MG/KG	0.0016	0.00091	0.0015	0.0041	0.00092
C16-BZ#136	MG/KG	0.0013	0.00062	0.0011	0.0038	0.00091
C16-BZ#137	MG/KG	0.0006	0.00032 J	0.00048	0.0025	0.00050
C16-BZ#138	MG/KG	0.014	0.0067	0.013	0.076	0.0093
C16-BZ#141	MG/KG	0.00088	0.00060	0.0012	0.0039	0.0012
C16-BZ#144	MG/KG	0.00037	0.00034 U	0.00048	0.0013	0.00036
C16-BZ#146	MG/KG	0.0059	0.0040	0.0070	0.030	0.0037
C16-BZ#147/#149	MG/KG	0.011	0.0061	0.01	0.037	0.0083
C16-BZ#151	MG/KG	0.0025	0.0017	0.0033	0.0096	0.0022
C16-BZ#153	MG/KG	0.030	0.016	0.029	0.17	0.019
C16-BZ#154	MG/KG	0.0012	0.00099	0.0017	0.0030	0.00090
C16-BZ#155	MG/KG	0.00034 U	0.00034 U	0.00054	0.00035 U	0.00036 U

TABLE 4c - SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	A3-A-BF	A3-B-BF	A3-C-BF	A3-D-BF	A3-E-BF	
Species	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	3	3	3	3	3	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/25/2019	
Parameter	Units					
C16-BZ#156	MG/KG	0.0013	0.00048	0.0010	0.0075	0.0010
C16-BZ#157	MG/KG	0.00053	0.00027 J	0.00049	0.0027	0.00037
C16-BZ#163/#160	MG/KG	0.0061	0.0031	0.0055	0.030	0.0040
C16-BZ#167	MG/KG	0.0011	0.00057	0.0011	0.0050	0.00049
C16-BZ#168	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C16-BZ#169	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C17-BZ#170	MG/KG	0.0019	0.0011	0.0029	0.0096	0.0020
C17-BZ#171	MG/KG	0.00070	0.00066	0.0011	0.0025	0.00068
C17-BZ#172	MG/KG	0.00049	0.00033 J	0.00079	0.0018	0.00047
C17-BZ#173	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C17-BZ#174	MG/KG	0.00092	0.00086	0.0018	0.0023	0.0011
C17-BZ#176	MG/KG	0.00025 J	0.00024 J	0.00044	0.00053	0.00031 J
C17-BZ#177	MG/KG	0.0015	0.0015	0.0028	0.0054	0.0015
C17-BZ#178	MG/KG	0.0013	0.0013	0.0024	0.0036	0.0012
C17-BZ#180	MG/KG	0.0043	0.0036	0.0076	0.018	0.0049
C17-BZ#182/#175	MG/KG	0.00068 U	0.00069 U	0.00037 J	0.00066 J	0.00073 U
C17-BZ#183	MG/KG	0.0018	0.0015	0.0032	0.0069	0.0019
C17-BZ#184	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C17-BZ#185	MG/KG	0.00034 U	0.00034 U	0.00021 J	0.00030 J	0.00022 J
C17-BZ#187	MG/KG	0.0062	0.0059	0.012	0.023	0.0061
C17-BZ#188	MG/KG	0.00034 U	0.00034 U	0.00023 J	0.00028 J	0.00036 U
C17-BZ#189	MG/KG	0.00017 J	0.00034 U	0.00034 U	0.00061	0.00036 U
C17-BZ#190	MG/KG	0.00037	0.00025 J	0.00063	0.0014	0.00047
C17-BZ#191	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00038	0.00036 U
C17-BZ#193	MG/KG	0.00041	0.00026 J	0.00061	0.0015	0.00034 J
C18-BZ#194	MG/KG	0.0011	0.0011	0.0027	0.0037	0.0019
C18-BZ#195	MG/KG	0.00029 J	0.00025 J	0.00079	0.00087	0.00049
C18-BZ#196	MG/KG	0.00066	0.00074	0.0018	0.0022	0.00092
C18-BZ#197	MG/KG	0.00019 J	0.00034 U	0.00035	0.00040	0.00021 J
C18-BZ#199	MG/KG	0.00034 U	0.00034 U	0.00019 J	0.00018 J	0.00036 U
C18-BZ#201	MG/KG	0.0019	0.0018	0.0043	0.0051	0.0029
C18-BZ#202	MG/KG	0.0012	0.0011	0.0024	0.0026	0.0018
C18-BZ#203	MG/KG	0.00081	0.00076	0.0018	0.0021	0.0017
C18-BZ#204/#200	MG/KG	0.00054 J	0.00052 J	0.0011	0.0012	0.00068 J
C18-BZ#205	MG/KG	0.00034 U	0.00034 U	0.00034 U	0.00035 U	0.00036 U
C19-BZ#206	MG/KG	0.0018	0.0012	0.0040	0.0033	0.0036
C19-BZ#207	MG/KG	0.00027 J	0.00020 J	0.00071	0.00053	0.00057
C19-BZ#208	MG/KG	0.00099	0.00081	0.0023	0.0015	0.0021
C110-BZ#209	MG/KG	0.00096 J	0.00094 J	0.0030 J	0.0014	0.0030

TABLE 5a - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-E-2
	Species Species Type Area Station Sample Date Units	Conch Tissue 2 Station A 10/22/2019	Conch Tissue 2 Station B 11/26/2019	Conch Tissue 2 Station C 11/22/2019	Conch Tissue 2 Station D 11/21/2019	Conch Tissue 2 Station E 11/21/2019
Lipids	PERCENT	0.53	0.54	0.44	0.39	0.49
Total PCB Congeners ¹	MG/KG	0.085 J2	0.24 J3	0.34 J3	0.18 J3	0.12 J2
Total PCB Congeners Hits ²	MG/KG	0.068	0.23	0.33	0.17	0.10
Total NOAA Congeners ³	MG/KG	0.032 J3	0.10 J4	0.13 J4	0.078 J4	0.047 J3
Total WHO Congeners ⁴	MG/KG	0.0076 J2	0.022 J3	0.024 J3	0.015 J3	0.0091 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.036 J3	0.11 J3	0.14 J3	0.084 J3	0.051 J3
C11-BZ#1	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C11-BZ#3	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00078 U	0.00080 U	0.00073 U	0.00075 U	0.00077 U
C12-BZ#5	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C12-BZ#6	MG/KG	0.00039 U	0.00034 J	0.0011	0.00038	0.00031 J
C12-BZ#7	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C12-BZ#8	MG/KG	0.00039 U	0.00040 U	0.00022 J	0.00038 U	0.00039 U
C12-BZ#12	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C12-BZ#13	MG/KG	0.00078 U	0.00080 U	0.00073 U	0.00075 U	0.00077 U
C12-BZ#15	MG/KG	0.00039 U	0.00040 U	0.00020 J	0.00038 U	0.00039 U
C13-BZ#16	MG/KG	0.00039 U	0.00040 U	0.00028 J	0.00038 U	0.00039 U
C13-BZ#17	MG/KG	0.00039 U	0.00040 U	0.00048	0.00038 U	0.00039 U
C13-BZ#18	MG/KG	0.00037 J	0.00080	0.0032	0.0011	0.00082
C13-BZ#19	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00078 U	0.00080 U	0.00056 J	0.00075 U	0.00077 U
C13-BZ#22	MG/KG	0.00039 U	0.00040 U	0.00058	0.00023 J	0.00039 U
C13-BZ#24	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C13-BZ#25	MG/KG	0.00039 U	0.00059	0.00089	0.00036 J	0.00039 U
C13-BZ#26	MG/KG	0.00070	0.0022	0.0072	0.0023	0.0016
C13-BZ#27	MG/KG	0.00039 U	0.00040 U	0.00070	0.00023 J	0.00039 U
C13-BZ#28	MG/KG	0.00028 J	0.00045	0.0020	0.00053	0.00029 J
C13-BZ#29	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C13-BZ#31	MG/KG	0.00087	0.0027	0.0074	0.0027	0.0018
C13-BZ#32	MG/KG	0.00039 U	0.00040 U	0.00055	0.00019 J	0.00039 U
C13-BZ#33	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C13-BZ#37	MG/KG	0.00039 U	0.00040 U	0.00032 J	0.00038 U	0.00039 U
C14-BZ#40	MG/KG	0.00039 U	0.00032 J	0.00060	0.00026 J	0.00039 U
C14-BZ#41	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#42	MG/KG	0.00026 J	0.00061	0.0017	0.00055	0.00039
C14-BZ#43	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#44	MG/KG	0.0012	0.0037	0.0077	0.0031	0.0020
C14-BZ#45	MG/KG	0.00039 U	0.00040 U	0.00027 J	0.00038 U	0.00039 U
C14-BZ#47	MG/KG	0.00026 J	0.00059	0.0020	0.00045	0.00024 J
C14-BZ#48	MG/KG	0.00039 U	0.00040 U	0.00024 J	0.00038 U	0.00039 U
C14-BZ#49	MG/KG	0.0030	0.010	0.023	0.0078	0.0050
C14-BZ#50	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#51	MG/KG	0.00039 U	0.00040 U	0.00026 J	0.00038 U	0.00039 U
C14-BZ#52	MG/KG	0.0034	0.012	0.024	0.0086	0.0056
C14-BZ#53	MG/KG	0.00039 U	0.00040 U	0.00033 J	0.00038 U	0.00039 U
C14-BZ#54	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#56	MG/KG	0.00023 J	0.00062	0.00095	0.00049	0.00025 J

TABLE 5a - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	Species	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-E-2
		Conch Tissue 2 Station A 10/22/2019	Conch Tissue 2 Station B 11/26/2019	Conch Tissue 2 Station C 11/22/2019	Conch Tissue 2 Station D 11/21/2019	Conch Tissue 2 Station E 11/21/2019
Species Type	Area					
Station	Sample Date					
Parameter	Units					
C14-BZ#60	MG/KG	0.00039 U	0.00042	0.00080	0.00037 J	0.0002 J
C14-BZ#63	MG/KG	0.00039 U	0.00053	0.00053	0.00028 J	0.00039 U
C14-BZ#66	MG/KG	0.0012	0.0032	0.0053	0.0024	0.0013
C14-BZ#68/#64	MG/KG	0.00075 J	0.0026	0.0053	0.0020	0.0012
C14-BZ#70	MG/KG	0.0010	0.0030	0.0037	0.0022	0.0014
C14-BZ#71	MG/KG	0.00022 J	0.00064	0.0020	0.00057	0.00043
C14-BZ#73/#46	MG/KG	0.00078 U	0.00080 U	0.00049 J	0.00075 U	0.00077 U
C14-BZ#74	MG/KG	0.00038 J	0.0013	0.0029	0.0011	0.00065
C14-BZ#76	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#77	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C14-BZ#81	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C15-BZ#82	MG/KG	0.00039 U	0.00028 J	0.00034 J	0.0002 J	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0012 U	0.0011 J	0.0012	0.00069 J	0.0012 U
C15-BZ#85	MG/KG	0.00059	0.0020	0.0019	0.0012	0.00075
C15-BZ#87/#111	MG/KG	0.00041 J	0.0016	0.0018	0.0010	0.00071 J
C15-BZ#89/#84	MG/KG	0.00078 U	0.00078 J	0.0012	0.00076	0.00039 J
C15-BZ#91	MG/KG	0.00090	0.0033	0.0064	0.0022	0.0014
C15-BZ#92	MG/KG	0.0016	0.0051	0.0057	0.0035	0.0021
C15-BZ#97	MG/KG	0.00095	0.0035	0.0060	0.0027	0.0015
C15-BZ#99	MG/KG	0.0035	0.0098	0.015	0.0068	0.0037
C15-BZ#100	MG/KG	0.00039 U	0.00021 J	0.00042	0.00038 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.0049	0.017	0.021	0.012	0.0080
C15-BZ#104	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C15-BZ#105	MG/KG	0.00073	0.0028	0.0029	0.0019	0.0011
C15-BZ#107/#123	MG/KG	0.00092	0.0026	0.0018	0.0016	0.00099
C15-BZ#110	MG/KG	0.0043	0.017	0.026	0.012	0.0076
C15-BZ#114	MG/KG	0.00044	0.00087	0.0011	0.00075	0.00039
C15-BZ#118	MG/KG	0.0031	0.011	0.014	0.0077	0.0041
C15-BZ#119	MG/KG	0.00030 J	0.00098	0.0016	0.00062	0.00040
C15-BZ#121/#95/#88	MG/KG	0.00084 J	0.0030	0.0049	0.0020	0.0014
C15-BZ#124	MG/KG	0.00021 J	0.00063	0.00073	0.00044	0.00027 J
C15-BZ#126	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
C16-BZ#128	MG/KG	0.0012	0.0037	0.0033	0.0027	0.0016
C16-BZ#129/#158	MG/KG	0.00063 J	0.0018	0.0024	0.0015	0.00088
C16-BZ#130/#164	MG/KG	0.0010	0.0041	0.0042	0.0026	0.0017
C16-BZ#131	MG/KG	0.00039 U	0.0004 U	0.00036 U	0.00038 U	0.00039 U
C16-BZ#132	MG/KG	0.00068	0.0026	0.0026	0.0018	0.0013
C16-BZ#134	MG/KG	0.00031 J	0.00088	0.00090	0.00057	0.00040
C16-BZ#135	MG/KG	0.00055	0.0017	0.0020	0.0011	0.00079
C16-BZ#136	MG/KG	0.00039 U	0.00034 J	0.00045	0.00038 U	0.00039 U
C16-BZ#137	MG/KG	0.00026 J	0.00094	0.0011	0.00076	0.00041
C16-BZ#138	MG/KG	0.0039	0.013	0.012	0.0097	0.0050
C16-BZ#141	MG/KG	0.00023 J	0.0011	0.0011	0.00067	0.00033 J
C16-BZ#144	MG/KG	0.00039 U	0.00024 J	0.00028 J	0.00038 U	0.00039 U
C16-BZ#146	MG/KG	0.0021	0.0061	0.0050	0.0046	0.0025
C16-BZ#147/#149	MG/KG	0.0029	0.013	0.018	0.0084	0.0058
C16-BZ#151	MG/KG	0.00063	0.0018	0.0021	0.0012	0.00058
C16-BZ#153	MG/KG	0.0084	0.026	0.028	0.022	0.013
C16-BZ#154	MG/KG	0.00020 J	0.00073	0.0011	0.00049	0.00030 J
C16-BZ#155	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U

TABLE 5a - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	Species	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-E-2
		Conch Tissue 2 Station A 10/22/2019	Conch Tissue 2 Station B 11/26/2019	Conch Tissue 2 Station C 11/22/2019	Conch Tissue 2 Station D 11/21/2019	Conch Tissue 2 Station E 11/21/2019
Species Type	Area					
Station	Sample Date					
Parameter	Units					
Cl6-BZ#156	MG/KG	0.00071	0.0018	0.0018	0.0013	0.00073
Cl6-BZ#157	MG/KG	0.00030 J	0.00066	0.00051	0.00052	0.00031 J
Cl6-BZ#163/#160	MG/KG	0.0026	0.0059	0.0058	0.0044	0.0029
Cl6-BZ#167	MG/KG	0.00038 J	0.0012	0.0012	0.00074	0.00049
Cl6-BZ#168	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl6-BZ#169	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#170	MG/KG	0.00066 J	0.0014	0.0015	0.0013	0.00064
Cl7-BZ#171	MG/KG	0.00039 U	0.00041	0.00054	0.00036 J	0.00039 U
Cl7-BZ#172	MG/KG	0.00020 J	0.00039 J	0.00030 J	0.00032 J	0.00039 U
Cl7-BZ#173	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#174	MG/KG	0.00039 U	0.00072	0.00074	0.00050	0.00032 J
Cl7-BZ#176	MG/KG	0.00039 U	0.0004 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#177	MG/KG	0.00029 J	0.00098	0.00074	0.00044	0.00032 J
Cl7-BZ#178	MG/KG	0.00039 U	0.00064	0.00066	0.00048	0.00030 J
Cl7-BZ#180	MG/KG	0.00084	0.0028	0.0030	0.0022	0.0014
Cl7-BZ#182/#175	MG/KG	0.00078 U	0.00080 U	0.00073 U	0.00075 U	0.00077 U
Cl7-BZ#183	MG/KG	0.00039	0.00097	0.0015	0.0011	0.00046
Cl7-BZ#184	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#185	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#187	MG/KG	0.0012	0.0037	0.0037	0.0028	0.0016
Cl7-BZ#188	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#189	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#190	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#191	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl7-BZ#193	MG/KG	0.00039 U	0.00029 J	0.00026 J	0.00038 U	0.00039 U
Cl8-BZ#194	MG/KG	0.00039 U	0.00038 J	0.00047	0.00038 U	0.00039 U
Cl8-BZ#195	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl8-BZ#196	MG/KG	0.00039 U	0.00040 U	0.00025 J	0.00038 U	0.00039 U
Cl8-BZ#197	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl8-BZ#199	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl8-BZ#201	MG/KG	0.00039 U	0.00052	0.00044	0.00025 J	0.00020 J
Cl8-BZ#202	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl8-BZ#203	MG/KG	0.00039 U	0.00040 U	0.00024 J	0.00038 U	0.00039 U
Cl8-BZ#204/#200	MG/KG	0.00078 U	0.00080 U	0.00073 U	0.00075 U	0.00077 U
Cl8-BZ#205	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl9-BZ#206	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl9-BZ#207	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U
Cl9-BZ#208	MG/KG	0.00039 U	0.00040 U	0.00018 J	0.00038 U	0.00039 U
Cl10-BZ#209	MG/KG	0.00039 U	0.00040 U	0.00036 U	0.00038 U	0.00039 U

TABLE 5b - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3
	Species	Conch	Conch	Conch	Conch
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
Area	3	3	3	3	3
Station	Station B	Station C	Station D	Station E	Station E
Sample Date	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019
Units					
Lipids	PERCENT	0.51	0.52	0.44	0.44
Total PCB Congeners ¹	MG/KG	0.042 J2	0.051 J2	0.043 J2	0.055 J2
Total PCB Congeners Hits ²	MG/KG	0.021	0.030	0.022	0.035
Total NOAA Congeners ³	MG/KG	0.013 J3	0.017 J3	0.015 J3	0.019 J3
Total WHO Congeners ⁴	MG/KG	0.0035 J2	0.0041 J2	0.0034 J2	0.0057 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.016 J2	0.020 J2	0.017 J2	0.022 J3
C11-BZ#1	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C11-BZ#3	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C12-BZ#5	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#6	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#7	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#8	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#12	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C12-BZ#13	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C12-BZ#15	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#16	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#17	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#18	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#19	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C13-BZ#22	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#24	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#25	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#26	MG/KG	0.00036 U	0.00020 J	0.00036 U	0.00027 J
C13-BZ#27	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#28	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#29	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#31	MG/KG	0.00036 U	0.00032 J	0.00036 U	0.00046
C13-BZ#32	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#33	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C13-BZ#37	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#40	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#41	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#42	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#43	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#44	MG/KG	0.00036 U	0.00045	0.00036 U	0.00040
C14-BZ#45	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#47	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#48	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#49	MG/KG	0.00045	0.0010	0.00063	0.0010
C14-BZ#50	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#51	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#52	MG/KG	0.00046	0.00097	0.00047	0.0012
C14-BZ#53	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#54	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#56	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U

TABLE 5b - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3
	Species	Conch	Conch	Conch	Conch
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
Area	3	3	3	3	3
Station	Station B	Station C	Station D	Station E	Station E
Sample Date	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019
Units					
C14-BZ#60	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#63	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#66	MG/KG	0.00020 J	0.00041	0.00033 J	0.00046
C14-BZ#68/#64	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C14-BZ#70	MG/KG	0.00024 J	0.00036 J	0.00019 J	0.00048
C14-BZ#71	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#73/#46	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C14-BZ#74	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00023 J
C14-BZ#76	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#77	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C14-BZ#81	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#82	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00036 U	0.00041	0.00027 J	0.00034 J
C15-BZ#87/#111	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C15-BZ#89/#84	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C15-BZ#91	MG/KG	0.00021 J	0.00037 J	0.00022 J	0.00032 J
C15-BZ#92	MG/KG	0.00050	0.00062	0.00034 J	0.00090
C15-BZ#97	MG/KG	0.00032 J	0.00048	0.00032 J	0.00050
C15-BZ#99	MG/KG	0.00084	0.0015	0.0011	0.0017
C15-BZ#100	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.0016	0.0021	0.0013	0.0022
C15-BZ#104	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#105	MG/KG	0.00029 J	0.00043	0.00027 J	0.00059
C15-BZ#107/#123	MG/KG	0.00049 J	0.00044 J	0.00046 J	0.00058 J
C15-BZ#110	MG/KG	0.00081	0.0017	0.00085	0.0015
C15-BZ#114	MG/KG	0.00036 U	0.00024 J	0.00036 U	0.00028 J
C15-BZ#118	MG/KG	0.00085	0.0012	0.00091	0.0024
C15-BZ#119	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#124	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C15-BZ#126	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#128	MG/KG	0.00054	0.00094	0.00068	0.00079
C16-BZ#129/#158	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C16-BZ#130/#164	MG/KG	0.00044 J	0.00049 J	0.00039 J	0.00059 J
C16-BZ#131	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#132	MG/KG	0.00019 J	0.00032 J	0.00036 U	0.00028 J
C16-BZ#134	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00022 J
C16-BZ#135	MG/KG	0.00020 J	0.00028 J	0.00036 U	0.00033 J
C16-BZ#136	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#137	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.0002 J
C16-BZ#138	MG/KG	0.0018	0.0025	0.0023	0.0023
C16-BZ#141	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#144	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#146	MG/KG	0.0014	0.0011	0.0011	0.0016
C16-BZ#147/#149	MG/KG	0.00096	0.0016	0.0012	0.0017
C16-BZ#151	MG/KG	0.00025 J	0.00028 J	0.00022 J	0.00043
C16-BZ#153	MG/KG	0.0046	0.0057	0.0054	0.0059
C16-BZ#154	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#155	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U

TABLE 5b - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3
	Species	Conch	Conch	Conch	Conch
Species Type	Area	Tissue	Tissue	Tissue	Tissue
Area	Station	3	3	3	3
Station	Sample Date	Station B	Station C	Station D	Station E
Sample Date	Units	11/26/2019	11/4/2019	10/22/2019	10/15/2019
C16-BZ#156	MG/KG	0.00033 J	0.00035 J	0.00029 J	0.00042
C16-BZ#157	MG/KG	0.00021 J	0.00038 U	0.00036 U	0.00023 J
C16-BZ#163/#160	MG/KG	0.0012	0.0011	0.0011	0.0017
C16-BZ#167	MG/KG	0.00026 J	0.00029 J	0.00025 J	0.00031 J
C16-BZ#168	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C16-BZ#169	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#170	MG/KG	0.00025 J	0.00035 J	0.00032 J	0.00032 J
C17-BZ#171	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#172	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#173	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#174	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#176	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#177	MG/KG	0.00020 J	0.00038 U	0.00036 U	0.00039 U
C17-BZ#178	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00024 J
C17-BZ#180	MG/KG	0.00053	0.00048	0.00057	0.00051
C17-BZ#182/#175	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C17-BZ#183	MG/KG	0.00036 U	0.00024 J	0.00022 J	0.00023 J
C17-BZ#184	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#185	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#187	MG/KG	0.00087	0.00071	0.00069	0.00089
C17-BZ#188	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#189	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#190	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#191	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C17-BZ#193	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#194	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#195	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#196	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#197	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#199	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#201	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#202	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#203	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C18-BZ#204/#200	MG/KG	0.00071 U	0.00076 U	0.00073 U	0.00078 U
C18-BZ#205	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C19-BZ#206	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C19-BZ#207	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C19-BZ#208	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U
C110-BZ#209	MG/KG	0.00036 U	0.00038 U	0.00036 U	0.00039 U

TABLE 5c - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3
	Species Species Type Area Station Sample Date Units	Conch Tissue Marion Marion-1 10/2/2019	Conch Tissue Marion Marion-2 10/2/2019	Conch Tissue Marion Marion-3 10/2/2019
Lipids	PERCENT	0.37	0.43	0.37
Total PCB Congeners ¹	MG/KG	0.032 J1	0.037 J1	0.037 J1
Total PCB Congeners Hits ²	MG/KG	0.0089	0.013	0.011
Total NOAA Congeners ³	MG/KG	0.0074 J2	0.010 J2	0.010 J2
Total WHO Congeners ⁴	MG/KG	0.0024 J1	0.0033 J1	0.0030 J1
Total NOAA / WHO Combined ⁵	MG/KG	0.0093 J2	0.012 J2	0.013 J2
C11-BZ#1	MG/KG	0.00035 U	0.00038 U	0.00039 U
C11-BZ#3	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00070 U	0.00076 U	0.00078 U
C12-BZ#5	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#6	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#7	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#8	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#12	MG/KG	0.00035 U	0.00038 U	0.00039 U
C12-BZ#13	MG/KG	0.00070 U	0.00076 U	0.00078 U
C12-BZ#15	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#16	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#17	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#18	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#19	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00070 U	0.00076 U	0.00078 U
C13-BZ#22	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#24	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#25	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#26	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#27	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#28	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#29	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#31	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#32	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#33	MG/KG	0.00035 U	0.00038 U	0.00039 U
C13-BZ#37	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#40	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#41	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#42	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#43	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#44	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#45	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#47	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#48	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#49	MG/KG	0.00035	0.00024 J	0.00030 J
C14-BZ#50	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#51	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#52	MG/KG	0.00026 J	0.00038 U	0.00022 J
C14-BZ#53	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#54	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#56	MG/KG	0.00035 U	0.00038 U	0.00039 U

TABLE 5c - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3
	Species Species Type Area Station Sample Date	Conch Tissue Marion Marion-1 10/2/2019	Conch Tissue Marion Marion-2 10/2/2019	Conch Tissue Marion Marion-3 10/2/2019
	Units			
C14-BZ#60	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#63	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#66	MG/KG	0.00035 U	0.00032 J	0.00028 J
C14-BZ#68/#64	MG/KG	0.00070 U	0.00076 U	0.00078 U
C14-BZ#70	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#71	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#73/#46	MG/KG	0.00070 U	0.00076 U	0.00078 U
C14-BZ#74	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#76	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#77	MG/KG	0.00035 U	0.00038 U	0.00039 U
C14-BZ#81	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#82	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00035 U	0.00020 J	0.00039 U
C15-BZ#87/#111	MG/KG	0.00070 U	0.00076 U	0.00078 U
C15-BZ#89/#84	MG/KG	0.00070 U	0.00076 U	0.00078 U
C15-BZ#91	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#92	MG/KG	0.00035 U	0.00036 J	0.00022 J
C15-BZ#97	MG/KG	0.00020 J	0.00038 U	0.00039 U
C15-BZ#99	MG/KG	0.00062	0.0011	0.00039 U
C15-BZ#100	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.00065 J	0.00059 J	0.00068 J
C15-BZ#104	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#105	MG/KG	0.00035 U	0.00033 J	0.00039 U
C15-BZ#107/#123	MG/KG	0.00070 U	0.00076 U	0.00078 U
C15-BZ#110	MG/KG	0.00042	0.00035 J	0.00031 J
C15-BZ#114	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#118	MG/KG	0.00033 J	0.00079	0.00060
C15-BZ#119	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0012 U
C15-BZ#124	MG/KG	0.00035 U	0.00038 U	0.00039 U
C15-BZ#126	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#128	MG/KG	0.00033 J	0.00053	0.00055
C16-BZ#129/#158	MG/KG	0.00070 U	0.00076 U	0.00078 U
C16-BZ#130/#164	MG/KG	0.00070 U	0.00076 U	0.00078 U
C16-BZ#131	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#132	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#134	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#135	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#136	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#137	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#138	MG/KG	0.0011	0.0015	0.0015
C16-BZ#141	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#144	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#146	MG/KG	0.00046	0.00067	0.00068
C16-BZ#147/#149	MG/KG	0.00042 J	0.00040 J	0.00078 U
C16-BZ#151	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#153	MG/KG	0.0022	0.0034	0.0035
C16-BZ#154	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#155	MG/KG	0.00035 U	0.00038 U	0.00039 U

TABLE 5c - SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3
	Species Species Type Area Station Sample Date	Conch Tissue Marion Marion-1 10/2/2019	Conch Tissue Marion Marion-2 10/2/2019	Conch Tissue Marion Marion-3 10/2/2019
	Units			
C16-BZ#156	MG/KG	0.00018 J	0.00025 J	0.00026 J
C16-BZ#157	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#163/#160	MG/KG	0.00045 J	0.00074 J	0.00065 J
C16-BZ#167	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#168	MG/KG	0.00035 U	0.00038 U	0.00039 U
C16-BZ#169	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#170	MG/KG	0.00027 J	0.00033 J	0.00052
C17-BZ#171	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#172	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#173	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#174	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#176	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#177	MG/KG	0.00035 U	0.00021 J	0.00039 U
C17-BZ#178	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#180	MG/KG	0.00029 J	0.00048	0.00041
C17-BZ#182/#175	MG/KG	0.00070 U	0.00076 U	0.00078 U
C17-BZ#183	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#184	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#185	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#187	MG/KG	0.00041	0.00058	0.00055
C17-BZ#188	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#189	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#190	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#191	MG/KG	0.00035 U	0.00038 U	0.00039 U
C17-BZ#193	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#194	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#195	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#196	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#197	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#199	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#201	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#202	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#203	MG/KG	0.00035 U	0.00038 U	0.00039 U
C18-BZ#204/#200	MG/KG	0.00070 U	0.00076 U	0.00078 U
C18-BZ#205	MG/KG	0.00035 U	0.00038 U	0.00039 U
C19-BZ#206	MG/KG	0.00035 U	0.00038 U	0.00039 U
C19-BZ#207	MG/KG	0.00035 U	0.00038 U	0.00039 U
C19-BZ#208	MG/KG	0.00035 U	0.00038 U	0.00039 U
C110-BZ#209	MG/KG	0.00035 U	0.00038 U	0.00039 U

TABLE 6a - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-L-A-2	NBH19-L-B-2	NBH19-L-D-2
	Species	Lobster	Lobster	Lobster
	Species Type	Tissue	Tissue	Tissue
	Area	2	2	2
	Station	Station A	Station B	Station D
	Sample Date	10/15/2019	10/15/2019	7/9/2019
	Units			
Lipids	PERCENT	0.80	1.4	0.74
Total PCB Congeners ¹	MG/KG	0.15 J2	0.076 J2	0.19 J3
Total PCB Congeners Hits ²	MG/KG	0.14	0.057	0.17
Total NOAA Congeners ³	MG/KG	0.089 J4	0.037 J3	0.10 J4
Total WHO Congeners ⁴	MG/KG	0.035 J3	0.017 J3	0.038 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.096 J3	0.041 J3	0.11 J3
C11-BZ#1	MG/KG	0.00037 U	0.00035 U	0.00035 U
C11-BZ#3	MG/KG	0.00037 U	0.00035 U	0.00035 U
C12-BZ#4/#10	MG/KG	0.00073 U	0.00071 U	0.00069 U
C12-BZ#5	MG/KG	0.00037 U	0.00035 U	0.00035 U
C12-BZ#6	MG/KG	0.00037 U	0.00035 U	0.00035 U
C12-BZ#7	MG/KG	0.00037 U	0.00035 U	0.00035 U
C12-BZ#8	MG/KG	0.00020 J	0.00035 U	0.00035
C12-BZ#12	MG/KG	0.00037 U	0.00035 U	0.00035 U
C12-BZ#13	MG/KG	0.00073 U	0.00071 U	0.00069 U
C12-BZ#15	MG/KG	0.00037 U	0.00035 U	0.00027 J
C13-BZ#16	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#17	MG/KG	0.00037 U	0.00035 U	0.00032 J
C13-BZ#18	MG/KG	0.00020 J	0.00035 U	0.00037
C13-BZ#19	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#21/#20	MG/KG	0.00073 U	0.00071 U	0.00069 U
C13-BZ#22	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#24	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#25	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#26	MG/KG	0.00026 J	0.00035 U	0.00059
C13-BZ#27	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#28	MG/KG	0.0020	0.0014	0.0074
C13-BZ#29	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#31	MG/KG	0.00056	0.00041	0.0024
C13-BZ#32	MG/KG	0.00025 J	0.00035 U	0.00083
C13-BZ#33	MG/KG	0.00037 U	0.00035 U	0.00035 U
C13-BZ#37	MG/KG	0.00037 U	0.00035 U	0.00048
C14-BZ#40	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#41	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#42	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#43	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#44	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#45	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#47	MG/KG	0.0027	0.0016	0.0053
C14-BZ#48	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#49	MG/KG	0.00042	0.00035 U	0.00070
C14-BZ#50	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#51	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#52	MG/KG	0.00062	0.00030 J	0.0018
C14-BZ#53	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#54	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#56	MG/KG	0.00037 U	0.00035 U	0.00035 U

TABLE 6a - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-L-A-2	NBH19-L-B-2	NBH19-L-D-2
	Species	Lobster	Lobster	Lobster
	Species Type	Tissue	Tissue	Tissue
	Area	2	2	2
	Station	Station A	Station B	Station D
	Sample Date	10/15/2019	10/15/2019	7/9/2019
	Units			
C14-BZ#60	MG/KG	0.00035 J	0.00021 J	0.00086
C14-BZ#63	MG/KG	0.00037	0.00035 U	0.00060
C14-BZ#66	MG/KG	0.0044	0.0022	0.0059
C14-BZ#68/#64	MG/KG	0.00051 J	0.00071 U	0.0012
C14-BZ#70	MG/KG	0.00033 J	0.00035 U	0.00050
C14-BZ#71	MG/KG	0.00048	0.00023 J	0.0012
C14-BZ#73/#46	MG/KG	0.00073 U	0.00071 U	0.00069 U
C14-BZ#74	MG/KG	0.0025	0.0021	0.0052
C14-BZ#76	MG/KG	0.00037 U	0.00035 U	0.00035 U
C14-BZ#77	MG/KG	0.00028 J	0.00031 J	0.00038
C14-BZ#81	MG/KG	0.00037 U	0.00035 U	0.00035 U
C15-BZ#82	MG/KG	0.00037 U	0.00035 U	0.00035 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0010 U
C15-BZ#85	MG/KG	0.0021	0.00079	0.0024
C15-BZ#87/#111	MG/KG	0.00073 U	0.00071 U	0.00069 U
C15-BZ#89/#84	MG/KG	0.00073 U	0.00071 U	0.00069 U
C15-BZ#91	MG/KG	0.00037 U	0.00035 U	0.00027 J
C15-BZ#92	MG/KG	0.00055	0.00035 U	0.0015
C15-BZ#97	MG/KG	0.00037 U	0.00035 U	0.00035 U
C15-BZ#99	MG/KG	0.011	0.0048	0.014
C15-BZ#100	MG/KG	0.00037 U	0.00035 U	0.00027 J
C15-BZ#101/#90	MG/KG	0.0021	0.00079	0.0042
C15-BZ#104	MG/KG	0.00037 U	0.00035 U	0.00035 U
C15-BZ#105	MG/KG	0.0032	0.0012	0.0036
C15-BZ#107/#123	MG/KG	0.0015	0.00075	0.0019
C15-BZ#110	MG/KG	0.0015	0.00032 J	0.0030
C15-BZ#114	MG/KG	0.00076	0.00034 J	0.00075
C15-BZ#118	MG/KG	0.024	0.012	0.027
C15-BZ#119	MG/KG	0.00075	0.00025 J	0.0012
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0010 U
C15-BZ#124	MG/KG	0.00037 U	0.00035 U	0.00035 U
C15-BZ#126	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#128	MG/KG	0.0038	0.0015	0.0040
C16-BZ#129/#158	MG/KG	0.0017	0.00053 J	0.0020
C16-BZ#130/#164	MG/KG	0.00061 J	0.00071 U	0.0011
C16-BZ#131	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#132	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#134	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#135	MG/KG	0.00021 J	0.00035 U	0.00051
C16-BZ#136	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#137	MG/KG	0.00091	0.00039	0.0011
C16-BZ#138	MG/KG	0.011	0.0034	0.011
C16-BZ#141	MG/KG	0.00037 U	0.00035 U	0.00019 J
C16-BZ#144	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#146	MG/KG	0.0043	0.0019	0.0048
C16-BZ#147/#149	MG/KG	0.0014	0.00063 J	0.0025
C16-BZ#151	MG/KG	0.00037 U	0.00035 U	0.00034 J
C16-BZ#153	MG/KG	0.030	0.011	0.026
C16-BZ#154	MG/KG	0.00023 J	0.00035 U	0.00040
C16-BZ#155	MG/KG	0.00037 U	0.00035 U	0.00035 U

TABLE 6a - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-L-A-2	NBH19-L-B-2	NBH19-L-D-2
	Species	Lobster	Lobster	Lobster
	Species Type	Tissue	Tissue	Tissue
	Area	2	2	2
	Station	Station A	Station B	Station D
	Sample Date	10/15/2019	10/15/2019	7/9/2019
	Units			
C16-BZ#156	MG/KG	0.0018	0.00075	0.0019
C16-BZ#157	MG/KG	0.00083	0.00035 J	0.00066
C16-BZ#163/#160	MG/KG	0.0049	0.0024	0.0058
C16-BZ#167	MG/KG	0.0012	0.00050	0.0013
C16-BZ#168	MG/KG	0.00037 U	0.00035 U	0.00035 U
C16-BZ#169	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#170	MG/KG	0.0015	0.00075	0.0017
C17-BZ#171	MG/KG	0.00040	0.00018 J	0.00051
C17-BZ#172	MG/KG	0.00032 J	0.00035 U	0.00029 J
C17-BZ#173	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#174	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#176	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#177	MG/KG	0.00039	0.00024 J	0.00070
C17-BZ#178	MG/KG	0.00048	0.00025 J	0.00049
C17-BZ#180	MG/KG	0.0029	0.00097	0.0029
C17-BZ#182/#175	MG/KG	0.00073 U	0.00071 U	0.00069 U
C17-BZ#183	MG/KG	0.00083	0.00034 J	0.00094
C17-BZ#184	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#185	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#187	MG/KG	0.0029	0.0017	0.0034
C17-BZ#188	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#189	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#190	MG/KG	0.00037 U	0.00035 U	0.00024 J
C17-BZ#191	MG/KG	0.00037 U	0.00035 U	0.00035 U
C17-BZ#193	MG/KG	0.00037 U	0.00035 U	0.00035 U
C18-BZ#194	MG/KG	0.00026 J	0.00035 U	0.00031 J
C18-BZ#195	MG/KG	0.00037 U	0.00035 U	0.00035 U
C18-BZ#196	MG/KG	0.00021 J	0.00035 U	0.00024 J
C18-BZ#197	MG/KG	0.00037 U	0.00035 U	0.00035 U
C18-BZ#199	MG/KG	0.00037 U	0.00035 U	0.00035 U
C18-BZ#201	MG/KG	0.00037	0.00035 U	0.00046
C18-BZ#202	MG/KG	0.00020 J	0.00035 U	0.00023 J
C18-BZ#203	MG/KG	0.00037 U	0.00035 U	0.00022 J
C18-BZ#204/#200	MG/KG	0.00073 U	0.00071 U	0.00069 U
C18-BZ#205	MG/KG	0.00037 U	0.00035 U	0.00035 U
C19-BZ#206	MG/KG	0.00037 U	0.00035 U	0.00035 U
C19-BZ#207	MG/KG	0.00037 U	0.00035 U	0.00035 U
C19-BZ#208	MG/KG	0.00037 U	0.00035 U	0.00035 U
C110-BZ#209	MG/KG	0.00037 U	0.00035 U	0.00035 U

TABLE 6b - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-L-B-3	NBH19-L-C-3	NBH19-L-D-3	NBH19-L-E-3
		Lobster Tissue 3 Station B 10/23/2019	Lobster Tissue 3 Station C 11/4/2019	Lobster Tissue 3 Station D 11/4/2019	Lobster Tissue 3 Station E 11/4/2019
Species Type	Area				
Station	Sample Date				
Parameter	Units				
Lipids	PERCENT	1.2	0.64	0.70	0.67
Total PCB Congeners ¹	MG/KG	0.055 J2	0.065 J2	0.051 J2	0.078 J2
Total PCB Congeners Hits ²	MG/KG	0.032	0.045	0.030	0.056
Total NOAA Congeners ³	MG/KG	0.025 J3	0.029 J3	0.022 J3	0.040 J3
Total WHO Congeners ⁴	MG/KG	0.010 J3	0.011 J3	0.0097 J3	0.016 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.028 J3	0.032 J3	0.025 J3	0.045 J3
C11-BZ#1	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C11-BZ#3	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#4/#10	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C12-BZ#5	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#6	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#7	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#8	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#12	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C12-BZ#13	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C12-BZ#15	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#16	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#17	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#18	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#19	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#21/#20	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C13-BZ#22	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#24	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#25	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#26	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#27	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#28	MG/KG	0.00087	0.00091	0.00053	0.00078
C13-BZ#29	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#31	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#32	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#33	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C13-BZ#37	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#40	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#41	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#42	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#43	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#44	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#45	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#47	MG/KG	0.00052	0.00097	0.00054	0.00084
C14-BZ#48	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#49	MG/KG	0.00038 U	0.00025 J	0.00037 U	0.00040 U
C14-BZ#50	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#51	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#52	MG/KG	0.00038 U	0.00040	0.00024 J	0.00040 U
C14-BZ#53	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#54	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#56	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U

TABLE 6b - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-L-B-3	NBH19-L-C-3	NBH19-L-D-3	NBH19-L-E-3
	Species Species Type Area Station Sample Date	Lobster Tissue 3 Station B 10/23/2019	Lobster Tissue 3 Station C 11/4/2019	Lobster Tissue 3 Station D 11/4/2019	Lobster Tissue 3 Station E 11/4/2019
	Units				
C14-BZ#60	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#63	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#66	MG/KG	0.0013	0.0014	0.00091	0.0018
C14-BZ#68/#64	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C14-BZ#70	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#71	MG/KG	0.00038 U	0.00025 J	0.00037 U	0.00040 U
C14-BZ#73/#46	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C14-BZ#74	MG/KG	0.00072	0.0011	0.00061	0.0011
C14-BZ#76	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C14-BZ#77	MG/KG	0.00038 U	0.00038 U	0.00020 J	0.00030 J
C14-BZ#81	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#82	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00047	0.00066	0.00045	0.00085
C15-BZ#87/#111	MG/KG	0.00076 U	0.00076 U	0.00040 J	0.00079 U
C15-BZ#89/#84	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C15-BZ#91	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#92	MG/KG	0.00038 U	0.00028 J	0.00037 U	0.00040 U
C15-BZ#97	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#99	MG/KG	0.0018	0.0034	0.0017	0.0030
C15-BZ#100	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#101/#90	MG/KG	0.00076 U	0.00079	0.00040 J	0.00069 J
C15-BZ#104	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#105	MG/KG	0.00088	0.00093	0.00078	0.0013
C15-BZ#107/#123	MG/KG	0.00043 J	0.00061 J	0.00038 J	0.00060 J
C15-BZ#110	MG/KG	0.00038 U	0.00065	0.00025 J	0.00029 J
C15-BZ#114	MG/KG	0.00034 J	0.00028 J	0.00031 J	0.00039 J
C15-BZ#118	MG/KG	0.0066	0.0074	0.0062	0.011
C15-BZ#119	MG/KG	0.00038 U	0.00031 J	0.00037 U	0.00040 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#124	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C15-BZ#126	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#128	MG/KG	0.00078	0.0011	0.00084	0.0014
C16-BZ#129/#158	MG/KG	0.00076 U	0.00059 J	0.00074 U	0.00061 J
C16-BZ#130/#164	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
C16-BZ#131	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#132	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#134	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#135	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#136	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#137	MG/KG	0.00020 J	0.00029 J	0.00027 J	0.00051
C16-BZ#138	MG/KG	0.0022	0.0032	0.0018	0.0035
C16-BZ#141	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#144	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#146	MG/KG	0.0015	0.0017	0.0013	0.0024
C16-BZ#147/#149	MG/KG	0.00076 U	0.00063 J	0.00074 U	0.00041 J
C16-BZ#151	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#153	MG/KG	0.0084	0.0090	0.0071	0.015
C16-BZ#154	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
C16-BZ#155	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U

TABLE 6b - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-L-B-3	NBH19-L-C-3	NBH19-L-D-3	NBH19-L-E-3
	Species	Lobster	Lobster	Lobster	Lobster
	Species Type	Tissue	Tissue	Tissue	Tissue
	Area	3	3	3	3
	Station	Station B	Station C	Station D	Station E
	Sample Date	10/23/2019	11/4/2019	11/4/2019	11/4/2019
	Units				
Cl6-BZ#156	MG/KG	0.00057	0.00058	0.00051	0.0010
Cl6-BZ#157	MG/KG	0.00020 J	0.00028 J	0.00029 J	0.00046
Cl6-BZ#163/#160	MG/KG	0.0013	0.0019	0.0011	0.0019
Cl6-BZ#167	MG/KG	0.00043	0.00040	0.00037	0.00073
Cl6-BZ#168	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl6-BZ#169	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#170	MG/KG	0.00050	0.00060	0.00045	0.00092
Cl7-BZ#171	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#172	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#173	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#174	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#176	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#177	MG/KG	0.00038 U	0.00022 J	0.00037 U	0.00040 U
Cl7-BZ#178	MG/KG	0.00038 U	0.00027 J	0.00037 U	0.00020 J
Cl7-BZ#180	MG/KG	0.00079	0.0010	0.00069	0.0016
Cl7-BZ#182/#175	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
Cl7-BZ#183	MG/KG	0.00027 J	0.00041	0.00024 J	0.00046
Cl7-BZ#184	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#185	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#187	MG/KG	0.00092	0.0015	0.00090	0.0017
Cl7-BZ#188	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#189	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#190	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#191	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl7-BZ#193	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#194	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00031 J
Cl8-BZ#195	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#196	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#197	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#199	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#201	MG/KG	0.00038 U	0.00028 J	0.00037 U	0.00020 J
Cl8-BZ#202	MG/KG	0.00038 U	0.00023 J	0.00037 U	0.00040 U
Cl8-BZ#203	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl8-BZ#204/#200	MG/KG	0.00076 U	0.00076 U	0.00074 U	0.00079 U
Cl8-BZ#205	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl9-BZ#206	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl9-BZ#207	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl9-BZ#208	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U
Cl10-BZ#209	MG/KG	0.00038 U	0.00038 U	0.00037 U	0.00040 U

TABLE 6c - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-MT-1	L-MARION-MT-2	L-MARION-MT-3
	Species Species Type Area Station Sample Date	Lobster Tissue Marion Marion-1 10/4/2019	Lobster Tissue Marion Marion-2 10/2/2019	Lobster Tissue Marion Marion-3 10/3/2019
	Units			
Lipids	PERCENT	0.88	0.69	0.93
Total PCB Congeners ¹	MG/KG	0.031 J1	0.031 J1	0.032 J1
Total PCB Congeners Hits ²	MG/KG	0.0074	0.0058	0.0083
Total NOAA Congeners ³	MG/KG	0.0076 J2	0.0070 J2	0.0082 J2
Total WHO Congeners ⁴	MG/KG	0.0037 J2	0.0034 J1	0.0040 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.010 J2	0.0090 J2	0.010 J2
C11-BZ#1	MG/KG	0.00036 U	0.00036 U	0.00035 U
C11-BZ#3	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#4/#10	MG/KG	0.00071 U	0.00072 U	0.00070 U
C12-BZ#5	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#6	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#7	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#8	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#12	MG/KG	0.00036 U	0.00036 U	0.00035 U
C12-BZ#13	MG/KG	0.00071 U	0.00072 U	0.00070 U
C12-BZ#15	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#16	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#17	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#18	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#19	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#21/#20	MG/KG	0.00071 U	0.00072 U	0.00070 U
C13-BZ#22	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#24	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#25	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#26	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#27	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#28	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#29	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#31	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#32	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#33	MG/KG	0.00036 U	0.00036 U	0.00035 U
C13-BZ#37	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#40	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#41	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#42	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#43	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#44	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#45	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#47	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#48	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#49	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#50	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#51	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#52	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#53	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#54	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#56	MG/KG	0.00036 U	0.00036 U	0.00035 U

TABLE 6c - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-MT-1	L-MARION-MT-2	L-MARION-MT-3
	Species Species Type Area Station Sample Date	Lobster Tissue Marion Marion-1 10/4/2019	Lobster Tissue Marion Marion-2 10/2/2019	Lobster Tissue Marion Marion-3 10/3/2019
	Units			
C14-BZ#60	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#63	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#66	MG/KG	0.00040	0.00024 J	0.00026 J
C14-BZ#68/#64	MG/KG	0.00071 U	0.00072 U	0.00070 U
C14-BZ#70	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#71	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#73/#46	MG/KG	0.00071 U	0.00072 U	0.00070 U
C14-BZ#74	MG/KG	0.00036 U	0.00036 U	0.00025 J
C14-BZ#76	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#77	MG/KG	0.00036 U	0.00036 U	0.00035 U
C14-BZ#81	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#82	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#87/#111	MG/KG	0.00071 U	0.00072 U	0.00070 U
C15-BZ#89/#84	MG/KG	0.00071 U	0.00072 U	0.00070 U
C15-BZ#91	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#92	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#97	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#99	MG/KG	0.00059	0.00053	0.00076
C15-BZ#100	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#101/#90	MG/KG	0.00071 U	0.00072 U	0.0007 U
C15-BZ#104	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#105	MG/KG	0.00024 J	0.00020 J	0.00023 J
C15-BZ#107/#123	MG/KG	0.00071 U	0.00072 U	0.00070 U
C15-BZ#110	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#114	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#118	MG/KG	0.0015	0.0013	0.0019
C15-BZ#119	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#124	MG/KG	0.00036 U	0.00036 U	0.00035 U
C15-BZ#126	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#128	MG/KG	0.00031 J	0.00026 J	0.00024 J
C16-BZ#129/#158	MG/KG	0.00071 U	0.00072 U	0.00070 U
C16-BZ#130/#164	MG/KG	0.00071 U	0.00072 U	0.00070 U
C16-BZ#131	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#132	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#134	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#135	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#136	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#137	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#138	MG/KG	0.00060	0.00072	0.00073
C16-BZ#141	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#144	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#146	MG/KG	0.00035 J	0.0003 J	0.00042
C16-BZ#147/#149	MG/KG	0.00071 U	0.00072 U	0.00070 U
C16-BZ#151	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#153	MG/KG	0.0018	0.0018 J	0.0023
C16-BZ#154	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#155	MG/KG	0.00036 U	0.00036 U	0.00035 U

TABLE 6c - SUMMARY OF SAMPLE DATA FOR LOBSTER MEAT (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-MT-1	L-MARION-MT-2	L-MARION-MT-3
	Species Species Type Area Station Sample Date	Lobster Tissue Marion Marion-1 10/4/2019	Lobster Tissue Marion Marion-2 10/2/2019	Lobster Tissue Marion Marion-3 10/3/2019
	Units			
C16-BZ#156	MG/KG	0.00020 J	0.00036 U	0.00020 J
C16-BZ#157	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#163/#160	MG/KG	0.00043 J	0.00072 U	0.00042 J
C16-BZ#167	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#168	MG/KG	0.00036 U	0.00036 U	0.00035 U
C16-BZ#169	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#170	MG/KG	0.00021 J	0.00036 U	0.00035 U
C17-BZ#171	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#172	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#173	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#174	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#176	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#177	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#178	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#180	MG/KG	0.00019 J	0.00021 J	0.00019 J
C17-BZ#182/#175	MG/KG	0.00071 U	0.00072 U	0.00070 U
C17-BZ#183	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#184	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#185	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#187	MG/KG	0.00050	0.00033 J	0.00041
C17-BZ#188	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#189	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#190	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#191	MG/KG	0.00036 U	0.00036 U	0.00035 U
C17-BZ#193	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#194	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#195	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#196	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#197	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#199	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#201	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#202	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#203	MG/KG	0.00036 U	0.00036 U	0.00035 U
C18-BZ#204/#200	MG/KG	0.00071 U	0.00072 U	0.00070 U
C18-BZ#205	MG/KG	0.00036 U	0.00036 U	0.00035 U
C19-BZ#206	MG/KG	0.00036 U	0.00036 U	0.00035 U
C19-BZ#207	MG/KG	0.00036 U	0.00036 U	0.00035 U
C19-BZ#208	MG/KG	0.00036 U	0.00036 U	0.00035 U
C110-BZ#209	MG/KG	0.00036 U	0.00036 U	0.00035 U

TABLE 7a - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-L-A-2-TM	NBH19-L-B-2-TM	NBH19-L-D-2-TM
	Species Species Type Area Station Sample Date	Lobster Tomalley 2 Station A 10/15/2019	Lobster Tomalley 2 Station B 10/15/2019	Lobster Tomalley 2 Station D 7/9/2019
	Units			
Lipids	PERCENT	7.4	21	26
Total PCB Congeners ¹	MG/KG	10 J4	9.1 J3	29 J3
Total PCB Congeners Hits ²	MG/KG	10	9.0	29
Total NOAA Congeners ³	MG/KG	6.3 J4	5.7 J4	17 J4
Total WHO Congeners ⁴	MG/KG	2.1 J4	2.0 J4	5.8 J4
Total NOAA / WHO Combined ⁵	MG/KG	6.8 J4	6.1 J4	18 J4
C11-BZ#1	MG/KG	0.0037 U	0.0039 U	0.014 U
C11-BZ#3	MG/KG	0.0037 U	0.0039 U	0.014 U
C12-BZ#4/#10	MG/KG	0.0075 U	0.0079 U	0.027 U
C12-BZ#5	MG/KG	0.0037 U	0.0039 U	0.014 U
C12-BZ#6	MG/KG	0.0047	0.0047	0.014
C12-BZ#7	MG/KG	0.0037 U	0.0039 U	0.014 U
C12-BZ#8	MG/KG	0.0076	0.011	0.026
C12-BZ#12	MG/KG	0.0037 U	0.0039 U	0.014 U
C12-BZ#13	MG/KG	0.0075 U	0.0079 U	0.027 U
C12-BZ#15	MG/KG	0.0035 J	0.0064	0.019
C13-BZ#16	MG/KG	0.0037 U	0.0039 U	0.014 U
C13-BZ#17	MG/KG	0.0080	0.0062	0.021
C13-BZ#18	MG/KG	0.012	0.0075	0.034
C13-BZ#19	MG/KG	0.0037 U	0.0039 U	0.014 U
C13-BZ#21/#20	MG/KG	0.0075 U	0.0079 U	0.027 U
C13-BZ#22	MG/KG	0.0076	0.0039 U	0.025
C13-BZ#24	MG/KG	0.0037 U	0.0039 U	0.014 U
C13-BZ#25	MG/KG	0.0067	0.0039 U	0.023
C13-BZ#26	MG/KG	0.018	0.017	0.059
C13-BZ#27	MG/KG	0.0025 J	0.0039 U	0.0092 J
C13-BZ#28	MG/KG	0.13	0.23	0.81
C13-BZ#29	MG/KG	0.0037 U	0.0039 U	0.014 U
C13-BZ#31	MG/KG	0.042	0.071	0.18
C13-BZ#32	MG/KG	0.014	0.019	0.076
C13-BZ#33	MG/KG	0.0055	0.0039 U	0.014 U
C13-BZ#37	MG/KG	0.0093	0.018	0.033
C14-BZ#40	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#41	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#42	MG/KG	0.0027 J	0.0039 U	0.018
C14-BZ#43	MG/KG	0.0037 U	0.0039 U	0.0095 J
C14-BZ#44	MG/KG	0.0050	0.0040	0.014 U
C14-BZ#45	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#47	MG/KG	0.19	0.23	0.78
C14-BZ#48	MG/KG	0.0039	0.0023 J	0.0097 J
C14-BZ#49	MG/KG	0.040	0.017	0.11
C14-BZ#50	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#51	MG/KG	0.0022 J	0.0039 U	0.010 J
C14-BZ#52	MG/KG	0.053	0.039	0.19
C14-BZ#53	MG/KG	0.0024 J	0.0039 U	0.010 J
C14-BZ#54	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#56	MG/KG	0.0089	0.0050	0.023

TABLE 7a - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 2 - 2019

	Sample#	NBH19-L-A-2-TM	NBH19-L-B-2-TM	NBH19-L-D-2-TM
	Species	Lobster	Lobster	Lobster
	Species Type	Tomalley	Tomalley	Tomalley
	Area	2	2	2
	Station	Station A	Station B	Station D
	Sample Date	10/15/2019	10/15/2019	7/9/2019
Parameter	Units			
C14-BZ#60	MG/KG	0.022	0.026	0.075
C14-BZ#63	MG/KG	0.020	0.022	0.072
C14-BZ#66	MG/KG	0.27	0.29	0.77
C14-BZ#68/#64	MG/KG	0.040	0.021	0.15
C14-BZ#70	MG/KG	0.017	0.014	0.056
C14-BZ#71	MG/KG	0.028	0.022	0.12
C14-BZ#73/#46	MG/KG	0.0075 U	0.0079 U	0.027 U
C14-BZ#74	MG/KG	0.15	0.15	0.56
C14-BZ#76	MG/KG	0.0037 U	0.0039 U	0.014 U
C14-BZ#77	MG/KG	0.021	0.034	0.044
C14-BZ#81	MG/KG	0.0037 U	0.0036 J	0.014 U
C15-BZ#82	MG/KG	0.0037 U	0.0039 U	0.014 U
C15-BZ#83/#125/#112	MG/KG	0.011 U	0.012 U	0.041 U
C15-BZ#85	MG/KG	0.13	0.11	0.38
C15-BZ#87/#111	MG/KG	0.0091	0.0083	0.040
C15-BZ#89/#84	MG/KG	0.0075 U	0.0079 U	0.014 J
C15-BZ#91	MG/KG	0.011	0.0045	0.050
C15-BZ#92	MG/KG	0.050	0.029	0.22
C15-BZ#97	MG/KG	0.0038	0.0039 U	0.020
C15-BZ#99	MG/KG	0.86	0.67	2.4
C15-BZ#100	MG/KG	0.0094	0.0074	0.040
C15-BZ#101/#90	MG/KG	0.19	0.12	0.60
C15-BZ#104	MG/KG	0.0037 U	0.0039 U	0.014 U
C15-BZ#105	MG/KG	0.18	0.17	0.54
C15-BZ#107/#123	MG/KG	0.1	0.12	0.32
C15-BZ#110	MG/KG	0.14	0.041	0.40
C15-BZ#114	MG/KG	0.051	0.043	0.13
C15-BZ#118	MG/KG	1.5	1.4	3.9
C15-BZ#119	MG/KG	0.054	0.035	0.20
C15-BZ#121/#95/#88	MG/KG	0.012	0.0062 J	0.039 J
C15-BZ#124	MG/KG	0.0030 J	0.0039 U	0.016
C15-BZ#126	MG/KG	0.0045	0.0067	0.013 J
C16-BZ#128	MG/KG	0.24	0.19	0.68
C16-BZ#129/#158	MG/KG	0.12	0.085	0.36
C16-BZ#130/#164	MG/KG	0.048	0.035	0.19
C16-BZ#131	MG/KG	0.0037 U	0.0039 U	0.014 U
C16-BZ#132	MG/KG	0.0063	0.0039 U	0.031
C16-BZ#134	MG/KG	0.0037 U	0.0039 U	0.015
C16-BZ#135	MG/KG	0.017	0.0088	0.066
C16-BZ#136	MG/KG	0.0037 U	0.0039 U	0.014 U
C16-BZ#137	MG/KG	0.057	0.045	0.17
C16-BZ#138	MG/KG	0.79	0.62	2.2
C16-BZ#141	MG/KG	0.0078	0.0028 J	0.038
C16-BZ#144	MG/KG	0.0037 U	0.0039 U	0.014 U
C16-BZ#146	MG/KG	0.36	0.38	0.98
C16-BZ#147/#149	MG/KG	0.11	0.059	0.39
C16-BZ#151	MG/KG	0.012	0.0051	0.074
C16-BZ#153	MG/KG	2.4	2.1	5.5
C16-BZ#154	MG/KG	0.021	0.0080	0.078
C16-BZ#155	MG/KG	0.0037 U	0.0039 U	0.014 U

TABLE 7a - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 2 - 2019

		Sample#	NBH19-L-A-2-TM	NBH19-L-B-2-TM	NBH19-L-D-2-TM
		Species	Lobster	Lobster	Lobster
		Species Type	Tomalley	Tomalley	Tomalley
		Area	2	2	2
		Station	Station A	Station B	Station D
		Sample Date	10/15/2019	10/15/2019	7/9/2019
Parameter	Units				
C16-BZ#156	MG/KG		0.13	0.099	0.37
C16-BZ#157	MG/KG		0.047	0.044	0.13
C16-BZ#163/#160	MG/KG		0.39	0.38	1.1
C16-BZ#167	MG/KG		0.087	0.081	0.25
C16-BZ#168	MG/KG		0.0037 U	0.0039 U	0.014 U
C16-BZ#169	MG/KG		0.0037 U	0.0039 U	0.014 U
C17-BZ#170	MG/KG		0.11	0.090	0.30
C17-BZ#171	MG/KG		0.024	0.020	0.074
C17-BZ#172	MG/KG		0.018	0.018	0.061
C17-BZ#173	MG/KG		0.0037 U	0.0039 U	0.014 U
C17-BZ#174	MG/KG		0.0068 J	0.0039 U	0.019
C17-BZ#176	MG/KG		0.0037 U	0.0039 U	0.014 U
C17-BZ#177	MG/KG		0.034	0.035	0.13
C17-BZ#178	MG/KG		0.031	0.033	0.085
C17-BZ#180	MG/KG		0.22	0.19	0.70
C17-BZ#182/#175	MG/KG		0.0066 J	0.0074 J	0.022 J
C17-BZ#183	MG/KG		0.069	0.055	0.21
C17-BZ#184	MG/KG		0.0037 U	0.0039 U	0.014 U
C17-BZ#185	MG/KG		0.0037 U	0.0039 U	0.014 U
C17-BZ#187	MG/KG		0.23	0.24	0.65
C17-BZ#188	MG/KG		0.0021 J	0.0039 U	0.014 U
C17-BZ#189	MG/KG		0.0091	0.0079	0.030
C17-BZ#190	MG/KG		0.014	0.012	0.039
C17-BZ#191	MG/KG		0.0057	0.0058	0.020
C17-BZ#193	MG/KG		0.013	0.015	0.037
C18-BZ#194	MG/KG		0.025	0.023	0.072
C18-BZ#195	MG/KG		0.0084	0.0065	0.018
C18-BZ#196	MG/KG		0.016	0.015	0.048
C18-BZ#197	MG/KG		0.0021 J	0.0039 U	0.014 U
C18-BZ#199	MG/KG		0.0037 U	0.0039 U	0.014 U
C18-BZ#201	MG/KG		0.028	0.026	0.078
C18-BZ#202	MG/KG		0.014	0.016	0.037
C18-BZ#203	MG/KG		0.013	0.012	0.039
C18-BZ#204/#200	MG/KG		0.0074 J	0.0071 J	0.017 J
C18-BZ#205	MG/KG		0.0037 U	0.0039 U	0.014 U
C19-BZ#206	MG/KG		0.014	0.0070	0.025
C19-BZ#207	MG/KG		0.0030 J	0.0039 U	0.014 U
C19-BZ#208	MG/KG		0.0077	0.0063	0.016
C110-BZ#209	MG/KG		0.0060	0.0035 J	0.014 U

TABLE 7b - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-L-B-3-TM	NBH19-L-C-3-TM	NBH19-L-D-3-TM	NBH19-L-E-3-TM
	Species Species Type Area Station Sample Date	Lobster Tomalley 3 Station B 10/23/2019	Lobster Tomalley 3 Station C 11/4/2019	Lobster Tomalley 3 Station D 11/4/2019	Lobster Tomalley 3 Station E 11/4/2019
	Units				
Lipids	PERCENT	16	17	20	14
Total PCB Congeners ¹	MG/KG	3.0 J3	5.2 J3	3.6 J3	2.3 J3
Total PCB Congeners Hits ²	MG/KG	2.9	5.1	3.4	2.3
Total NOAA Congeners ³	MG/KG	2.0 J4	3.2 J4	2.3 J4	1.5 J4
Total WHO Congeners ⁴	MG/KG	0.70 J4	1.0 J4	0.81 J4	0.48 J4
Total NOAA / WHO Combined ⁵	MG/KG	2.1 J4	3.5 J4	2.5 J4	1.6 J4
C11-BZ#1	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C11-BZ#3	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C12-BZ#4/#10	MG/KG	0.0040 U	0.0071 U	0.0070 U	0.0038 U
C12-BZ#5	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C12-BZ#6	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C12-BZ#7	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C12-BZ#8	MG/KG	0.0014 J	0.0026 J	0.0019 J	0.0013 J
C12-BZ#12	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C12-BZ#13	MG/KG	0.0040 U	0.0071 U	0.0070 U	0.0038 U
C12-BZ#15	MG/KG	0.0016 J	0.0018 J	0.0035 U	0.0011 J
C13-BZ#16	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#17	MG/KG	0.0020 U	0.0026 J	0.0035 U	0.0019 U
C13-BZ#18	MG/KG	0.0020 U	0.0029 J	0.0035 U	0.0014 J
C13-BZ#19	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#21/#20	MG/KG	0.0040 U	0.0071 U	0.0070 U	0.0038 U
C13-BZ#22	MG/KG	0.0020 U	0.0070	0.0035 U	0.0013 J
C13-BZ#24	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#25	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#26	MG/KG	0.0014 J	0.0059	0.0027 J	0.0015 J
C13-BZ#27	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#28	MG/KG	0.044	0.071	0.043	0.028
C13-BZ#29	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#31	MG/KG	0.0044	0.021	0.0035 U	0.0049
C13-BZ#32	MG/KG	0.0027	0.0065	0.0035 J	0.0017 J
C13-BZ#33	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C13-BZ#37	MG/KG	0.0039	0.0068	0.0071	0.0029
C14-BZ#40	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#41	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#42	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#43	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#44	MG/KG	0.0020 U	0.0035 U	0.0022 J	0.0019 U
C14-BZ#45	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#47	MG/KG	0.038	0.092	0.042	0.027
C14-BZ#48	MG/KG	0.0020 U	0.0020 J	0.0035 U	0.0019 U
C14-BZ#49	MG/KG	0.0036	0.0097	0.0088	0.0075
C14-BZ#50	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#51	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#52	MG/KG	0.0060	0.022	0.013	0.0081
C14-BZ#53	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#54	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#56	MG/KG	0.0011 J	0.0028 J	0.0025 J	0.0013 J

TABLE 7b - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#		NBH19-L-B-3-TM	NBH19-L-C-3-TM	NBH19-L-D-3-TM	NBH19-L-E-3-TM
Species		Lobster	Lobster	Lobster	Lobster
Species Type		Tomalley	Tomalley	Tomalley	Tomalley
Area		3	3	3	3
Station		Station B	Station C	Station D	Station E
Sample Date		10/23/2019	11/4/2019	11/4/2019	11/4/2019
Parameter	Units				
C14-BZ#60	MG/KG	0.0069	0.012	0.0092	0.0045
C14-BZ#63	MG/KG	0.0055	0.011	0.0056	0.0048
C14-BZ#66	MG/KG	0.084	0.13	0.087	0.060
C14-BZ#68/#64	MG/KG	0.0030 J	0.013	0.0064 J	0.0055
C14-BZ#70	MG/KG	0.0025	0.0075	0.0048	0.0033
C14-BZ#71	MG/KG	0.0027	0.011	0.0033 J	0.0033
C14-BZ#73/#46	MG/KG	0.0040 U	0.0071 U	0.0070 U	0.0038 U
C14-BZ#74	MG/KG	0.046	0.076	0.049	0.031
C14-BZ#76	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C14-BZ#77	MG/KG	0.013	0.012	0.013	0.0089
C14-BZ#81	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C15-BZ#82	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C15-BZ#83/#125/#112	MG/KG	0.0060 U	0.011 U	0.011 U	0.0058 U
C15-BZ#85	MG/KG	0.025	0.059	0.036	0.021
C15-BZ#87/#111	MG/KG	0.0032 J	0.0055 J	0.0040 J	0.0033 J
C15-BZ#89/#84	MG/KG	0.0040 U	0.0071 U	0.0070 U	0.0038 U
C15-BZ#91	MG/KG	0.0015 J	0.0034 J	0.0038	0.0025
C15-BZ#92	MG/KG	0.0049	0.019	0.012	0.0087
C15-BZ#97	MG/KG	0.0012 J	0.0035 U	0.0030 J	0.0020
C15-BZ#99	MG/KG	0.16	0.37	0.19	0.17
C15-BZ#100	MG/KG	0.0014 J	0.0035	0.0020 J	0.0013 J
C15-BZ#101/#90	MG/KG	0.028	0.084	0.057	0.039
C15-BZ#104	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C15-BZ#105	MG/KG	0.061	0.086	0.071	0.042
C15-BZ#107/#123	MG/KG	0.034	0.058	0.040	0.030
C15-BZ#110	MG/KG	0.0075	0.040	0.019	0.016
C15-BZ#114	MG/KG	0.018	0.027	0.019	0.014
C15-BZ#118	MG/KG	0.47	0.72	0.56	0.32
C15-BZ#119	MG/KG	0.0064	0.019	0.010	0.013
C15-BZ#121/#95/#88	MG/KG	0.0060 U	0.011 U	0.011 U	0.0032 J
C15-BZ#124	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.00098 J
C15-BZ#126	MG/KG	0.0025	0.0038	0.0028 J	0.0014 J
C16-BZ#128	MG/KG	0.057	0.11	0.079	0.042
C16-BZ#129/#158	MG/KG	0.021	0.045	0.026	0.020
C16-BZ#130/#164	MG/KG	0.0073	0.023	0.012	0.0093
C16-BZ#131	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C16-BZ#132	MG/KG	0.0014 J	0.0035 U	0.0045	0.0025
C16-BZ#134	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C16-BZ#135	MG/KG	0.0016 J	0.0073	0.0032 J	0.0023
C16-BZ#136	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C16-BZ#137	MG/KG	0.015	0.027	0.020	0.011
C16-BZ#138	MG/KG	0.19	0.39	0.23	0.17
C16-BZ#141	MG/KG	0.0020 U	0.0038	0.0024 J	0.0019 J
C16-BZ#144	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C16-BZ#146	MG/KG	0.14	0.21	0.15	0.095
C16-BZ#147/#149	MG/KG	0.017	0.052	0.031	0.025
C16-BZ#151	MG/KG	0.0021	0.0065	0.0044	0.0037
C16-BZ#153	MG/KG	0.84	1.2	0.92	0.63
C16-BZ#154	MG/KG	0.0024	0.011	0.0057	0.0080
C16-BZ#155	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U

TABLE 7b - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-L-B-3-TM	NBH19-L-C-3-TM	NBH19-L-D-3-TM	NBH19-L-E-3-TM
		Lobster Tomalley 3 Station B 10/23/2019	Lobster Tomalley 3 Station C 11/4/2019	Lobster Tomalley 3 Station D 11/4/2019	Lobster Tomalley 3 Station E 11/4/2019
Species Type	Area				
Station	Sample Date				
Parameter	Units				
C16-BZ#156	MG/KG	0.040	0.060	0.047	0.028
C16-BZ#157	MG/KG	0.018	0.024	0.021	0.011
C16-BZ#163/#160	MG/KG	0.13	0.21	0.14	0.093
C16-BZ#167	MG/KG	0.031	0.045	0.036	0.022
C16-BZ#168	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C16-BZ#169	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C17-BZ#170	MG/KG	0.031	0.057	0.039	0.023
C17-BZ#171	MG/KG	0.0055	0.014	0.0082	0.0046
C17-BZ#172	MG/KG	0.0055	0.011	0.0083	0.0047
C17-BZ#173	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C17-BZ#174	MG/KG	0.0020 U	0.0034 J	0.0035 U	0.0013 J
C17-BZ#176	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C17-BZ#177	MG/KG	0.0074	0.024	0.0099	0.0057
C17-BZ#178	MG/KG	0.012	0.024	0.014	0.0092
C17-BZ#180	MG/KG	0.071	0.13	0.084	0.052
C17-BZ#182/#175	MG/KG	0.0022 J	0.0051 J	0.0070 U	0.0038 U
C17-BZ#183	MG/KG	0.017	0.038	0.022	0.016
C17-BZ#184	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C17-BZ#185	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C17-BZ#187	MG/KG	0.083	0.16	0.10	0.061
C17-BZ#188	MG/KG	0.0020 U	0.0020 J	0.0035 U	0.0019 U
C17-BZ#189	MG/KG	0.0030	0.0055	0.0038	0.0028
C17-BZ#190	MG/KG	0.0035	0.0084	0.0050	0.0027
C17-BZ#191	MG/KG	0.0018 J	0.0032 J	0.0018 J	0.0016 J
C17-BZ#193	MG/KG	0.0049	0.011	0.0059	0.0042
C18-BZ#194	MG/KG	0.0099	0.018	0.011	0.0060
C18-BZ#195	MG/KG	0.0022	0.0053	0.0020 J	0.0015 J
C18-BZ#196	MG/KG	0.0048	0.013	0.0055	0.0036
C18-BZ#197	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C18-BZ#199	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C18-BZ#201	MG/KG	0.010	0.026	0.014	0.0071
C18-BZ#202	MG/KG	0.0053	0.016	0.0071	0.0033
C18-BZ#203	MG/KG	0.0050	0.011	0.0046	0.0033
C18-BZ#204/#200	MG/KG	0.0024 J	0.0068 J	0.0070 U	0.0038 U
C18-BZ#205	MG/KG	0.0020 U	0.0035 U	0.0035 U	0.0019 U
C19-BZ#206	MG/KG	0.0039	0.015	0.0042	0.0032
C19-BZ#207	MG/KG	0.0020 U	0.0031 J	0.0035 U	0.0019 U
C19-BZ#208	MG/KG	0.0018 J	0.0093	0.0028 J	0.0016 J
C110-BZ#209	MG/KG	0.0020 U	0.0059	0.0035 U	0.0019

TABLE 7c - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-TM-1	L-MARION-TM-2	L-MARION-TM-3
	Species Species Type Area Station Sample Date Units	Lobster Tomalley Marion Marion-1 10/4/2019	Lobster Tomalley Marion Marion-2 10/2/2019	Lobster Tomalley Marion Marion-3 10/3/2019
Lipids	PERCENT	25	13	20
Total PCB Congeners ¹	MG/KG	1.2 J3	1.1 J3	0.9 J3
Total PCB Congeners Hits ²	MG/KG	1.2	1.1	0.89
Total NOAA Congeners ³	MG/KG	0.79 J4	0.74 J4	0.59 J4
Total WHO Congeners ⁴	MG/KG	0.25 J4	0.24 J4	0.18 J4
Total NOAA / WHO Combined ⁵	MG/KG	0.85 J4	0.79 J4	0.63 J4
C11-BZ#1	MG/KG	0.00040 U	0.00040 U	0.00040 U
C11-BZ#3	MG/KG	0.00040 U	0.00040 U	0.00040 U
C12-BZ#4/#10	MG/KG	0.00080 U	0.00079 U	0.00079 U
C12-BZ#5	MG/KG	0.00040 U	0.00040 U	0.00040 U
C12-BZ#6	MG/KG	0.00040 U	0.00040 U	0.00040 U
C12-BZ#7	MG/KG	0.00040 U	0.00040 U	0.00040 U
C12-BZ#8	MG/KG	0.00084	0.00047	0.00061
C12-BZ#12	MG/KG	0.00040 U	0.00040 U	0.00040 U
C12-BZ#13	MG/KG	0.00080 U	0.00079 U	0.00079 U
C12-BZ#15	MG/KG	0.00064	0.00031 J	0.00047
C13-BZ#16	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#17	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#18	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#19	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#21/#20	MG/KG	0.00080 U	0.00079 U	0.00079 U
C13-BZ#22	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#24	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#25	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#26	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#27	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#28	MG/KG	0.00040 U	0.0078	0.0091
C13-BZ#29	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#31	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#32	MG/KG	0.0027	0.00040 U	0.00040 U
C13-BZ#33	MG/KG	0.00040 U	0.00040 U	0.00040 U
C13-BZ#37	MG/KG	0.00040 U	0.0047	0.0035
C14-BZ#40	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#41	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#42	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#43	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#44	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#45	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#47	MG/KG	0.016	0.012	0.0095
C14-BZ#48	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#49	MG/KG	0.00040 U	0.00034 J	0.0011
C14-BZ#50	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#51	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#52	MG/KG	0.0017	0.00077	0.0017
C14-BZ#53	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#54	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#56	MG/KG	0.00038 J	0.00030 J	0.00049

TABLE 7c - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-TM-1	L-MARION-TM-2	L-MARION-TM-3
	Species Species Type Area Station Sample Date	Lobster Tomalley Marion Marion-1 10/4/2019	Lobster Tomalley Marion Marion-2 10/2/2019	Lobster Tomalley Marion Marion-3 10/3/2019
	Units			
C14-BZ#60	MG/KG	0.0026	0.0018	0.0017
C14-BZ#63	MG/KG	0.0016	0.0012	0.0012
C14-BZ#66	MG/KG	0.035	0.027	0.022
C14-BZ#68/#64	MG/KG	0.0011	0.00062 J	0.0014
C14-BZ#70	MG/KG	0.00090	0.00064	0.0012
C14-BZ#71	MG/KG	0.00082	0.00043	0.00080
C14-BZ#73/#46	MG/KG	0.00080 U	0.00079 U	0.00079 U
C14-BZ#74	MG/KG	0.016	0.013	0.0097
C14-BZ#76	MG/KG	0.00040 U	0.00040 U	0.00040 U
C14-BZ#77	MG/KG	0.0049	0.0044	0.0038
C14-BZ#81	MG/KG	0.00040 U	0.00038 J	0.00036 J
C15-BZ#82	MG/KG	0.00040 U	0.00040 U	0.00040 U
C15-BZ#83/#125/#112	MG/KG	0.0012 U	0.0012 U	0.0012 U
C15-BZ#85	MG/KG	0.012	0.011	0.0080
C15-BZ#87/#111	MG/KG	0.0012	0.00081	0.00094
C15-BZ#89/#84	MG/KG	0.00080 U	0.00079 U	0.00079 U
C15-BZ#91	MG/KG	0.00026 J	0.00040 U	0.00043
C15-BZ#92	MG/KG	0.0016	0.00099	0.0023
C15-BZ#97	MG/KG	0.00033 J	0.00023 J	0.00044
C15-BZ#99	MG/KG	0.072	0.061	0.061
C15-BZ#100	MG/KG	0.00046	0.00039 J	0.00049
C15-BZ#101/#90	MG/KG	0.0098	0.0061	0.010
C15-BZ#104	MG/KG	0.00040 U	0.00040 U	0.00040 U
C15-BZ#105	MG/KG	0.021	0.019	0.015
C15-BZ#107/#123	MG/KG	0.013	0.0099	0.011
C15-BZ#110	MG/KG	0.0020	0.0012	0.0027
C15-BZ#114	MG/KG	0.0063	0.0061	0.0050
C15-BZ#118	MG/KG	0.18	0.17	0.12
C15-BZ#119	MG/KG	0.0025	0.0018	0.0024
C15-BZ#121/#95/#88	MG/KG	0.00062 J	0.0012 U	0.00075 J
C15-BZ#124	MG/KG	0.00040 U	0.00040 U	0.00040 U
C15-BZ#126	MG/KG	0.00099	0.00089	0.00071
C16-BZ#128	MG/KG	0.025	0.025	0.019
C16-BZ#129/#158	MG/KG	0.0067	0.0067	0.0055
C16-BZ#130/#164	MG/KG	0.0029	0.0017	0.0031
C16-BZ#131	MG/KG	0.00040 U	0.00040 U	0.00040 U
C16-BZ#132	MG/KG	0.00049	0.00040 U	0.00046
C16-BZ#134	MG/KG	0.00040 U	0.00040 U	0.00040 U
C16-BZ#135	MG/KG	0.00054	0.00034 J	0.00076
C16-BZ#136	MG/KG	0.00040 U	0.00040 U	0.00040 U
C16-BZ#137	MG/KG	0.0044	0.0040	0.0031
C16-BZ#138	MG/KG	0.092	0.086	0.078
C16-BZ#141	MG/KG	0.00028 J	0.00040 U	0.00035 J
C16-BZ#144	MG/KG	0.00040 U	0.00040 U	0.00040 U
C16-BZ#146	MG/KG	0.055	0.048	0.042
C16-BZ#147/#149	MG/KG	0.0050	0.0038	0.0059
C16-BZ#151	MG/KG	0.00053	0.00028 J	0.0011
C16-BZ#153	MG/KG	0.32	0.31	0.25
C16-BZ#154	MG/KG	0.00094	0.00050	0.0017
C16-BZ#155	MG/KG	0.00040 U	0.00040 U	0.00040 U

TABLE 7c - SUMMARY OF SAMPLE DATA FOR LOBSTER TOMALLEY (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	L-MARION-TM-1	L-MARION-TM-2	L-MARION-TM-3
	Species Species Type Area Station Sample Date	Lobster Tomalley Marion Marion-1 10/4/2019	Lobster Tomalley Marion Marion-2 10/2/2019	Lobster Tomalley Marion Marion-3 10/3/2019
	Units			
C16-BZ#156	MG/KG	0.012	0.012	0.0088
C16-BZ#157	MG/KG	0.0067	0.0060	0.0048
C16-BZ#163/#160	MG/KG	0.048	0.044	0.036
C16-BZ#167	MG/KG	0.012	0.011	0.0083
C16-BZ#168	MG/KG	0.00040 U	0.00040 U	0.00040 U
C16-BZ#169	MG/KG	0.00040 U	0.00040 U	0.00040 U
C17-BZ#170	MG/KG	0.017	0.014	0.012
C17-BZ#171	MG/KG	0.0031	0.0029	0.0026
C17-BZ#172	MG/KG	0.0026	0.0022	0.0018
C17-BZ#173	MG/KG	0.00040 U	0.00040 U	0.00040 U
C17-BZ#174	MG/KG	0.00025 J	0.00020 J	0.00027 J
C17-BZ#176	MG/KG	0.00040 U	0.00040 U	0.00040 U
C17-BZ#177	MG/KG	0.0039	0.0041	0.0043
C17-BZ#178	MG/KG	0.0078	0.0068	0.0046
C17-BZ#180	MG/KG	0.033	0.027	0.020
C17-BZ#182/#175	MG/KG	0.0011	0.00079	0.00071 J
C17-BZ#183	MG/KG	0.0084	0.0073	0.0067
C17-BZ#184	MG/KG	0.00040 U	0.00040 U	0.00040 U
C17-BZ#185	MG/KG	0.00040 U	0.00040 U	0.00040 U
C17-BZ#187	MG/KG	0.050	0.045	0.034
C17-BZ#188	MG/KG	0.00035 J	0.00025 J	0.00032 J
C17-BZ#189	MG/KG	0.0016	0.0011	0.00096
C17-BZ#190	MG/KG	0.0021	0.0017	0.0014
C17-BZ#191	MG/KG	0.00069	0.00064	0.00044
C17-BZ#193	MG/KG	0.0034	0.0025	0.0021
C18-BZ#194	MG/KG	0.0073	0.0053	0.0046
C18-BZ#195	MG/KG	0.0014	0.00098	0.00093
C18-BZ#196	MG/KG	0.0044	0.0032	0.0022
C18-BZ#197	MG/KG	0.00051	0.00040	0.00037 J
C18-BZ#199	MG/KG	0.00040 U	0.00040 U	0.00040 U
C18-BZ#201	MG/KG	0.0087	0.0066	0.0057
C18-BZ#202	MG/KG	0.0045	0.0040	0.0026
C18-BZ#203	MG/KG	0.0032	0.0025	0.0019
C18-BZ#204/#200	MG/KG	0.0019	0.0016	0.0014
C18-BZ#205	MG/KG	0.00040 U	0.00040 U	0.00040 U
C19-BZ#206	MG/KG	0.0038	0.0030	0.0021
C19-BZ#207	MG/KG	0.00067	0.00057	0.00041
C19-BZ#208	MG/KG	0.0021	0.0015	0.0013
C110-BZ#209	MG/KG	0.0016	0.0015	0.0011

TABLE 8a - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample#	NBH19-SF-B-1	NBH19-SF-D-1	NBH19-SF-E-1
	Species Species Type Area Station Sample Date Units	Quahog Tissue 1 Station B 5/22/2019	Quahog Tissue 1 Station D 5/22/2019	Quahog Tissue 1 Station E 5/22/2019
Lipids	PERCENT	0.37	0.41	0.36
Total PCB Congeners ¹	MG/KG	0.40 J3	0.81 J4	0.92 J4
Total PCB Congeners Hits ²	MG/KG	0.39	0.80	0.92
Total NOAA Congeners ³	MG/KG	0.14 J4	0.28 J4	0.32 J4
Total WHO Congeners ⁴	MG/KG	0.023 J3	0.047 J3	0.048 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.15 J4	0.3 J4	0.33 J4
C11-BZ#1	MG/KG	0.00039 U	0.00039 U	0.00038 U
C11-BZ#3	MG/KG	0.00039 U	0.00039 U	0.00038 U
C12-BZ#4/#10	MG/KG	0.00067 J	0.0014	0.0013
C12-BZ#5	MG/KG	0.00039 U	0.00039 U	0.00038 U
C12-BZ#6	MG/KG	0.0019	0.0037	0.0041
C12-BZ#7	MG/KG	0.00039 U	0.00039 U	0.00038 U
C12-BZ#8	MG/KG	0.0017	0.0033	0.0037
C12-BZ#12	MG/KG	0.00039 U	0.00039 U	0.00038 U
C12-BZ#13	MG/KG	0.0010	0.0021	0.0024
C12-BZ#15	MG/KG	0.0011	0.0021	0.0025
C13-BZ#16	MG/KG	0.00056	0.00095	0.0012
C13-BZ#17	MG/KG	0.0034	0.0068	0.0080
C13-BZ#18	MG/KG	0.0081	0.016	0.017
C13-BZ#19	MG/KG	0.00057	0.0012	0.0013
C13-BZ#21/#20	MG/KG	0.00071 J	0.0017	0.0017
C13-BZ#22	MG/KG	0.0021	0.0041	0.0048
C13-BZ#24	MG/KG	0.00039 U	0.00039 U	0.00038 U
C13-BZ#25	MG/KG	0.013	0.025	0.027
C13-BZ#26	MG/KG	0.015	0.031	0.035
C13-BZ#27	MG/KG	0.0018	0.0036	0.0040
C13-BZ#28	MG/KG	0.018	0.038	0.047
C13-BZ#29	MG/KG	0.00039 U	0.00039 U	0.00038 U
C13-BZ#31	MG/KG	0.017	0.035	0.042
C13-BZ#32	MG/KG	0.0028	0.0059	0.0070
C13-BZ#33	MG/KG	0.00072	0.0013	0.0019
C13-BZ#37	MG/KG	0.00094	0.0020	0.0024
C14-BZ#40	MG/KG	0.00081	0.0015	0.0019
C14-BZ#41	MG/KG	0.00039 U	0.00034 J	0.00025 J
C14-BZ#42	MG/KG	0.0034	0.0069	0.0080
C14-BZ#43	MG/KG	0.00024 J	0.00052	0.00038 U
C14-BZ#44	MG/KG	0.0079	0.015	0.018
C14-BZ#45	MG/KG	0.00070	0.0013	0.0015
C14-BZ#47	MG/KG	0.011	0.023	0.030
C14-BZ#48	MG/KG	0.00072	0.0020	0.0016
C14-BZ#49	MG/KG	0.032	0.064	0.077
C14-BZ#50	MG/KG	0.00039 U	0.00039 U	0.00038 U
C14-BZ#51	MG/KG	0.0012	0.0021	0.0028
C14-BZ#52	MG/KG	0.036	0.069	0.085
C14-BZ#53	MG/KG	0.0034	0.0066	0.0075
C14-BZ#54	MG/KG	0.00039 U	0.00039 U	0.00038 U
C14-BZ#56	MG/KG	0.0025	0.0053	0.0058

TABLE 8a - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample#	NBH19-SF-B-1	NBH19-SF-D-1	NBH19-SF-E-1
	Species Species Type Area Station Sample Date	Quahog Tissue 1 Station B 5/22/2019	Quahog Tissue 1 Station D 5/22/2019	Quahog Tissue 1 Station E 5/22/2019
	Units			
C14-BZ#60	MG/KG	0.0013	0.0026	0.0029
C14-BZ#63	MG/KG	0.00082	0.0018	0.0024
C14-BZ#66	MG/KG	0.0083	0.017	0.020
C14-BZ#68/#64	MG/KG	0.0067	0.014	0.017
C14-BZ#70	MG/KG	0.0062	0.012	0.013
C14-BZ#71	MG/KG	0.0048	0.0094	0.011
C14-BZ#73/#46	MG/KG	0.00079	0.0014	0.0016
C14-BZ#74	MG/KG	0.0057	0.013	0.014
C14-BZ#76	MG/KG	0.00039 U	0.00039 U	0.00038 U
C14-BZ#77	MG/KG	0.00078	0.0013	0.0013
C14-BZ#81	MG/KG	0.00039 U	0.00039 U	0.00038 U
C15-BZ#82	MG/KG	0.00068	0.0012	0.0012
C15-BZ#83/#125/#112	MG/KG	0.00090 J	0.0016	0.0017
C15-BZ#85	MG/KG	0.0016	0.0034	0.0030
C15-BZ#87/#111	MG/KG	0.0022	0.0041	0.0037
C15-BZ#89/#84	MG/KG	0.0029	0.0056	0.0063
C15-BZ#91	MG/KG	0.0055	0.011	0.014
C15-BZ#92	MG/KG	0.0050	0.0095	0.012
C15-BZ#97	MG/KG	0.0046	0.0096	0.0092
C15-BZ#99	MG/KG	0.015	0.031	0.035
C15-BZ#100	MG/KG	0.00072	0.0013	0.0019
C15-BZ#101/#90	MG/KG	0.019	0.039	0.040
C15-BZ#104	MG/KG	0.00039 U	0.00039 U	0.00038 U
C15-BZ#105	MG/KG	0.0024	0.0050	0.0043
C15-BZ#107/#123	MG/KG	0.0019	0.0035	0.0038
C15-BZ#110	MG/KG	0.020	0.041	0.047
C15-BZ#114	MG/KG	0.00059	0.0012	0.0013
C15-BZ#118	MG/KG	0.014	0.031	0.031
C15-BZ#119	MG/KG	0.0020	0.0040	0.0053
C15-BZ#121/#95/#88	MG/KG	0.0087	0.017	0.020
C15-BZ#124	MG/KG	0.00046	0.00099	0.0010
C15-BZ#126	MG/KG	0.00039 U	0.00039 U	0.00038 U
C16-BZ#128	MG/KG	0.0012	0.0027	0.0025
C16-BZ#129/#158	MG/KG	0.00095	0.0025	0.0025
C16-BZ#130/#164	MG/KG	0.0017	0.0032	0.0036
C16-BZ#131	MG/KG	0.00039 U	0.00027 J	0.00026 J
C16-BZ#132	MG/KG	0.0022	0.0039	0.0037
C16-BZ#134	MG/KG	0.00059	0.0011	0.0014
C16-BZ#135	MG/KG	0.0016	0.0031	0.0040
C16-BZ#136	MG/KG	0.0013	0.0025	0.0030
C16-BZ#137	MG/KG	0.00077	0.0016	0.0017
C16-BZ#138	MG/KG	0.0037	0.0091	0.0076
C16-BZ#141	MG/KG	0.00082	0.0018	0.0018
C16-BZ#144	MG/KG	0.00020 J	0.00042	0.00035 J
C16-BZ#146	MG/KG	0.0031	0.0061	0.0069
C16-BZ#147/#149	MG/KG	0.011	0.023	0.026
C16-BZ#151	MG/KG	0.00094	0.0021	0.0026
C16-BZ#153	MG/KG	0.014	0.030	0.029
C16-BZ#154	MG/KG	0.00070	0.0015	0.0019
C16-BZ#155	MG/KG	0.00039 U	0.00039 U	0.00038 U

TABLE 8a - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample#	NBH19-SF-B-1	NBH19-SF-D-1	NBH19-SF-E-1
	Species Species Type Area Station Sample Date	Quahog Tissue 1 Station B 5/22/2019	Quahog Tissue 1 Station D 5/22/2019	Quahog Tissue 1 Station E 5/22/2019
	Units			
C16-BZ#156	MG/KG	0.0012	0.0025	0.0027
C16-BZ#157	MG/KG	0.00040	0.00074	0.00073
C16-BZ#163/#160	MG/KG	0.0051	0.010	0.012
C16-BZ#167	MG/KG	0.00060	0.0013	0.0014
C16-BZ#168	MG/KG	0.00039 U	0.00039 U	0.00038 U
C16-BZ#169	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#170	MG/KG	0.00063	0.0015	0.0017
C17-BZ#171	MG/KG	0.00039 U	0.00035 J	0.00038
C17-BZ#172	MG/KG	0.00030 J	0.00053	0.00048
C17-BZ#173	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#174	MG/KG	0.00054	0.00098	0.0012
C17-BZ#176	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#177	MG/KG	0.00074	0.0013	0.0015
C17-BZ#178	MG/KG	0.00029 J	0.00057	0.00059
C17-BZ#180	MG/KG	0.0018	0.0037	0.0040
C17-BZ#182/#175	MG/KG	0.00078 U	0.00078 U	0.00075 U
C17-BZ#183	MG/KG	0.00037 J	0.00085	0.00088
C17-BZ#184	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#185	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#187	MG/KG	0.0020	0.0039	0.0048
C17-BZ#188	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#189	MG/KG	0.00039 U	0.00023 J	0.00038 U
C17-BZ#190	MG/KG	0.00021 J	0.00035 J	0.00046
C17-BZ#191	MG/KG	0.00039 U	0.00039 U	0.00038 U
C17-BZ#193	MG/KG	0.00021 J	0.00044	0.00046
C18-BZ#194	MG/KG	0.00027 J	0.00051	0.00059
C18-BZ#195	MG/KG	0.00039 U	0.00039 U	0.00038 U
C18-BZ#196	MG/KG	0.00039 U	0.00025 J	0.00028 J
C18-BZ#197	MG/KG	0.00039 U	0.00039 U	0.00038 U
C18-BZ#199	MG/KG	0.00039 U	0.00039 U	0.00038 U
C18-BZ#201	MG/KG	0.00027 J	0.00053	0.00068
C18-BZ#202	MG/KG	0.00039 U	0.00022 J	0.00028 J
C18-BZ#203	MG/KG	0.00039 U	0.00028 J	0.00039
C18-BZ#204/#200	MG/KG	0.00078 U	0.00078 U	0.00075 U
C18-BZ#205	MG/KG	0.00039 U	0.00039 U	0.00038 U
C19-BZ#206	MG/KG	0.00039 U	0.00034 J	0.00035 J
C19-BZ#207	MG/KG	0.00039 U	0.00039 U	0.00038 U
C19-BZ#208	MG/KG	0.00039 U	0.00039 U	0.00023 J
C110-BZ#209	MG/KG	0.00039 U	0.00039 U	0.00038 U

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-F-2	NBH19-SF-G-2
	Species Species Type Area Station Sample Date Units	Quahog Tissue 2 Station B 5/7/2019	Quahog Tissue 2 Station C 5/8/2019	Quahog Tissue 2 Station D 5/8/2019	Quahog Tissue 2 Station F 5/8/2019	Quahog Tissue 2 Station G 5/7/2019
Lipids	PERCENT	0.23	0.28	0.33	0.25	0.17
Total PCB Congeners ¹	MG/KG	0.050 J2	0.23 J3	0.087 J2	0.071 J2	0.048 J2
Total PCB Congeners Hits ²	MG/KG	0.033	0.22	0.073	0.052	0.028
Total NOAA Congeners ³	MG/KG	0.015 J3	0.082 J4	0.028 J3	0.022 J3	0.013 J3
Total WHO Congeners ⁴	MG/KG	0.0045 J2	0.016 J3	0.0062 J2	0.0048 J2	0.0037 J1
Total NOAA / WHO Combined ⁵	MG/KG	0.017 J2	0.087 J3	0.031 J3	0.024 J2	0.015 J2
C11-BZ#1	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C11-BZ#3	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C12-BZ#4/#10	MG/KG	0.00073 U	0.00052 J	0.00075 U	0.00077 U	0.00073 U
C12-BZ#5	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C12-BZ#6	MG/KG	0.00036 U	0.00081	0.00024 J	0.00038 U	0.00036 U
C12-BZ#7	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C12-BZ#8	MG/KG	0.00036 U	0.00098	0.00019 J	0.00038 U	0.00036 U
C12-BZ#12	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C12-BZ#13	MG/KG	0.00073 U	0.00078 U	0.00075 U	0.00077 U	0.00073 U
C12-BZ#15	MG/KG	0.00036 U	0.00074	0.00037 U	0.00038 U	0.00036 U
C13-BZ#16	MG/KG	0.00036 U	0.00037 J	0.00037 U	0.00038 U	0.00036 U
C13-BZ#17	MG/KG	0.00036 U	0.0015	0.00037 J	0.00037 J	0.00036 U
C13-BZ#18	MG/KG	0.00036 U	0.0036	0.00089	0.00073	0.00029 J
C13-BZ#19	MG/KG	0.00036 U	0.00045	0.00037 U	0.00038 U	0.00036 U
C13-BZ#21/#20	MG/KG	0.00073 U	0.00078 U	0.00075 U	0.00077 U	0.00073 U
C13-BZ#22	MG/KG	0.00036 U	0.0010	0.00034 J	0.00033 J	0.00036 U
C13-BZ#24	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C13-BZ#25	MG/KG	0.00033 J	0.0047	0.0019	0.00079	0.00024 J
C13-BZ#26	MG/KG	0.00041	0.0055	0.0018	0.0017	0.00047
C13-BZ#27	MG/KG	0.00036 U	0.00072	0.00022 J	0.00020 J	0.00036 U
C13-BZ#28	MG/KG	0.00055	0.0076	0.0022	0.0020	0.00053
C13-BZ#29	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C13-BZ#31	MG/KG	0.00044	0.0068	0.0019	0.0019	0.00058
C13-BZ#32	MG/KG	0.00036 U	0.0013	0.00031 J	0.00023 J	0.00036 U
C13-BZ#33	MG/KG	0.00036 U	0.00070	0.00037 U	0.00038 U	0.00036 U
C13-BZ#37	MG/KG	0.00036 U	0.00066	0.00023 J	0.00021 J	0.00036 U
C14-BZ#40	MG/KG	0.00036 U	0.00058	0.00023 J	0.00038 U	0.00036 U
C14-BZ#41	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C14-BZ#42	MG/KG	0.00026 J	0.0017	0.00057	0.00044	0.00024 J
C14-BZ#43	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C14-BZ#44	MG/KG	0.00039	0.0043	0.0012	0.0011	0.00044
C14-BZ#45	MG/KG	0.00036 U	0.00046	0.00037 U	0.00038 U	0.00036 U
C14-BZ#47	MG/KG	0.00054	0.0052	0.0017	0.0013	0.00057
C14-BZ#48	MG/KG	0.00036 U	0.00058	0.00037 U	0.00038 U	0.00036 U
C14-BZ#49	MG/KG	0.0014	0.014	0.0045	0.0038	0.0014
C14-BZ#50	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C14-BZ#51	MG/KG	0.00036 U	0.00046	0.00022 J	0.00038 U	0.00036 U
C14-BZ#52	MG/KG	0.0017	0.018	0.0058	0.0049	0.0019
C14-BZ#53	MG/KG	0.00036 U	0.0016	0.00038	0.00040	0.00036 U
C14-BZ#54	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C14-BZ#56	MG/KG	0.00025 J	0.0017	0.00051	0.00044	0.00023 J

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	Species	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-F-2	NBH19-SF-G-2
		Quahog Tissue 2 Station B 5/7/2019	Quahog Tissue 2 Station C 5/8/2019	Quahog Tissue 2 Station D 5/8/2019	Quahog Tissue 2 Station F 5/8/2019	Quahog Tissue 2 Station G 5/7/2019
Species Type	Area					
Station	Sample Date					
Parameter	Units					
C14-BZ#60	MG/KG	0.00036 U	0.00078	0.00037 U	0.00038 U	0.00036 U
C14-BZ#63	MG/KG	0.00036 U	0.00049	0.00037 U	0.00038 U	0.00036 U
C14-BZ#66	MG/KG	0.00092	0.0055	0.0018	0.0014	0.00090
C14-BZ#68/#64	MG/KG	0.00041 J	0.0034	0.00097	0.00078	0.00073 U
C14-BZ#70	MG/KG	0.00063	0.0040	0.0012	0.00091	0.00056
C14-BZ#71	MG/KG	0.00025 J	0.0024	0.00068	0.00057	0.00022 J
C14-BZ#73/#46	MG/KG	0.00073 U	0.00078 U	0.00075 U	0.00077 U	0.00073 U
C14-BZ#74	MG/KG	0.00038	0.0034	0.00091	0.00075	0.00034 J
C14-BZ#76	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C14-BZ#77	MG/KG	0.00036 U	0.00060	0.00037 U	0.00038 U	0.00036 U
C14-BZ#81	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C15-BZ#82	MG/KG	0.00036 U	0.00047	0.00025 J	0.00038 U	0.00036 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
C15-BZ#85	MG/KG	0.00024 J	0.0011	0.00042	0.00038 U	0.00036 U
C15-BZ#87/#111	MG/KG	0.00037 J	0.0018	0.00075 U	0.00077 U	0.00073 U
C15-BZ#89/#84	MG/KG	0.00042 J	0.0018	0.00077	0.00051 J	0.00073 U
C15-BZ#91	MG/KG	0.00050	0.0026	0.0010	0.00073	0.00035 J
C15-BZ#92	MG/KG	0.00070	0.0030	0.0013	0.0010	0.00067
C15-BZ#97	MG/KG	0.00061	0.0028	0.0010	0.00080	0.00077
C15-BZ#99	MG/KG	0.0020	0.0088	0.0037	0.0027	0.0019
C15-BZ#100	MG/KG	0.00036 U	0.00039	0.00037 U	0.00038 U	0.00036 U
C15-BZ#101/#90	MG/KG	0.0026	0.012	0.0047	0.0035	0.0023
C15-BZ#104	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C15-BZ#105	MG/KG	0.00041	0.0019	0.00054	0.00041	0.00030 J
C15-BZ#107/#123	MG/KG	0.00040 J	0.0013	0.00051 J	0.00077 U	0.00073 U
C15-BZ#110	MG/KG	0.0021	0.012	0.0044	0.0030	0.0021
C15-BZ#114	MG/KG	0.00036 U	0.00047	0.00020 J	0.00038 U	0.00036 U
C15-BZ#118	MG/KG	0.0020	0.0097	0.0033	0.0022	0.0014
C15-BZ#119	MG/KG	0.00019 J	0.0011	0.00046	0.00043	0.00036 U
C15-BZ#121/#95/#88	MG/KG	0.00083 J	0.0055	0.0019	0.0016	0.00097 J
C15-BZ#124	MG/KG	0.00036 U	0.00038 J	0.00037 U	0.00038 U	0.00036 U
C15-BZ#126	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C16-BZ#128	MG/KG	0.00033 J	0.0011	0.00039	0.00032 J	0.00036 U
C16-BZ#129/#158	MG/KG	0.00073 U	0.00075 J	0.00075 U	0.00077 U	0.00073 U
C16-BZ#130/#164	MG/KG	0.00040 J	0.0013	0.00053 J	0.00077 U	0.00037 J
C16-BZ#131	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C16-BZ#132	MG/KG	0.00050	0.0018	0.00086	0.00052	0.00052
C16-BZ#134	MG/KG	0.00036 U	0.00041	0.00037 U	0.00038 U	0.00036 U
C16-BZ#135	MG/KG	0.00038	0.0012	0.00055	0.00034 J	0.00040
C16-BZ#136	MG/KG	0.00036 U	0.00081	0.00034 J	0.00029 J	0.00036 U
C16-BZ#137	MG/KG	0.00036 U	0.00054	0.00023 J	0.00038 U	0.00036 U
C16-BZ#138	MG/KG	0.00094	0.0034	0.0012	0.00095	0.00059
C16-BZ#141	MG/KG	0.00036 U	0.00067	0.00022 J	0.00038 U	0.00036 U
C16-BZ#144	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
C16-BZ#146	MG/KG	0.00078	0.0024	0.0012	0.00087	0.00089
C16-BZ#147/#149	MG/KG	0.0016	0.0068	0.0028	0.0020	0.0014
C16-BZ#151	MG/KG	0.00036 U	0.00068	0.00031 J	0.00038 U	0.00036 U
C16-BZ#153	MG/KG	0.0029	0.010	0.0043	0.0029	0.0025
C16-BZ#154	MG/KG	0.00036 U	0.00044	0.00022 J	0.00038 U	0.00036 U
C16-BZ#155	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-F-2	NBH19-SF-G-2
	Species Species Type Area Station Sample Date	Quahog Tissue 2 Station B 5/7/2019	Quahog Tissue 2 Station C 5/8/2019	Quahog Tissue 2 Station D 5/8/2019	Quahog Tissue 2 Station F 5/8/2019	Quahog Tissue 2 Station G 5/7/2019
	Units					
Cl6-BZ#156	MG/KG	0.00025 J	0.0010	0.00032 J	0.00022 J	0.00036 U
Cl6-BZ#157	MG/KG	0.00036 U	0.00027 J	0.00037 U	0.00038 U	0.00036 U
Cl6-BZ#163/#160	MG/KG	0.0010	0.0037	0.0017	0.00097	0.00087
Cl6-BZ#167	MG/KG	0.00036 U	0.00045	0.00020 J	0.00038 U	0.00036 U
Cl6-BZ#168	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl6-BZ#169	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#170	MG/KG	0.00027 J	0.00050	0.00030 J	0.00038 U	0.00036 U
Cl7-BZ#171	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#172	MG/KG	0.00036 U	0.00020 J	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#173	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#174	MG/KG	0.00036 U	0.00044	0.00025 J	0.00038 U	0.00036 U
Cl7-BZ#176	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#177	MG/KG	0.00033 J	0.00056	0.00032 J	0.00038 U	0.00036 U
Cl7-BZ#178	MG/KG	0.00036 U	0.00030 J	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#180	MG/KG	0.00047	0.0013	0.00057	0.00037 J	0.00048
Cl7-BZ#182/#175	MG/KG	0.00073 U	0.00078 U	0.00075 U	0.00077 U	0.00073 U
Cl7-BZ#183	MG/KG	0.00036 U	0.00029 J	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#184	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#185	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#187	MG/KG	0.00050	0.0015	0.00068	0.00058	0.00043
Cl7-BZ#188	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#189	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#190	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#191	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl7-BZ#193	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#194	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#195	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#196	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#197	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#199	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#201	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#202	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#203	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl8-BZ#204/#200	MG/KG	0.00073 U	0.00078 U	0.00075 U	0.00077 U	0.00073 U
Cl8-BZ#205	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl9-BZ#206	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl9-BZ#207	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl9-BZ#208	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U
Cl10-BZ#209	MG/KG	0.00036 U	0.00039 U	0.00037 U	0.00038 U	0.00036 U

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-SF-H-2 Quahog Tissue 2 Station H 5/8/2019
Lipids	PERCENT	0.23
Total PCB Congeners ¹	MG/KG	0.086 J2
Total PCB Congeners Hits ²	MG/KG	0.071
Total NOAA Congeners ³	MG/KG	0.028 J3
Total WHO Congeners ⁴	MG/KG	0.0061 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.031 J3
C11-BZ#1	MG/KG	0.00036 U
C11-BZ#3	MG/KG	0.00036 U
C12-BZ#4/#10	MG/KG	0.00071 U
C12-BZ#5	MG/KG	0.00036 U
C12-BZ#6	MG/KG	0.00025 J
C12-BZ#7	MG/KG	0.00036 U
C12-BZ#8	MG/KG	0.00023 J
C12-BZ#12	MG/KG	0.00036 U
C12-BZ#13	MG/KG	0.00071 U
C12-BZ#15	MG/KG	0.0002 J
C13-BZ#16	MG/KG	0.00036 U
C13-BZ#17	MG/KG	0.00048
C13-BZ#18	MG/KG	0.00095
C13-BZ#19	MG/KG	0.00036 U
C13-BZ#21/#20	MG/KG	0.00071 U
C13-BZ#22	MG/KG	0.00034 J
C13-BZ#24	MG/KG	0.00036 U
C13-BZ#25	MG/KG	0.00099
C13-BZ#26	MG/KG	0.0019
C13-BZ#27	MG/KG	0.00024 J
C13-BZ#28	MG/KG	0.0022
C13-BZ#29	MG/KG	0.00036 U
C13-BZ#31	MG/KG	0.0023
C13-BZ#32	MG/KG	0.00033 J
C13-BZ#33	MG/KG	0.00036 U
C13-BZ#37	MG/KG	0.00020 J
C14-BZ#40	MG/KG	0.00036 U
C14-BZ#41	MG/KG	0.00036 U
C14-BZ#42	MG/KG	0.00057
C14-BZ#43	MG/KG	0.00036 U
C14-BZ#44	MG/KG	0.0015
C14-BZ#45	MG/KG	0.00036 U
C14-BZ#47	MG/KG	0.0013
C14-BZ#48	MG/KG	0.00036 U
C14-BZ#49	MG/KG	0.0045
C14-BZ#50	MG/KG	0.00036 U
C14-BZ#51	MG/KG	0.00036 U
C14-BZ#52	MG/KG	0.0057
C14-BZ#53	MG/KG	0.00050
C14-BZ#54	MG/KG	0.00036 U
C14-BZ#56	MG/KG	0.00049

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date	NBH19-SF-H-2 Quahog Tissue 2 Station H 5/8/2019
	Units	
C14-BZ#60	MG/KG	0.00018 J
C14-BZ#63	MG/KG	0.00025 J
C14-BZ#66	MG/KG	0.0017
C14-BZ#68/#64	MG/KG	0.0011
C14-BZ#70	MG/KG	0.0012
C14-BZ#71	MG/KG	0.00058
C14-BZ#73/#46	MG/KG	0.00071 U
C14-BZ#74	MG/KG	0.00097
C14-BZ#76	MG/KG	0.00036 U
C14-BZ#77	MG/KG	0.00036 U
C14-BZ#81	MG/KG	0.00036 U
C15-BZ#82	MG/KG	0.00036 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U
C15-BZ#85	MG/KG	0.00055
C15-BZ#87/#111	MG/KG	0.00063 J
C15-BZ#89/#84	MG/KG	0.00065 J
C15-BZ#91	MG/KG	0.00092
C15-BZ#92	MG/KG	0.0014
C15-BZ#97	MG/KG	0.0011
C15-BZ#99	MG/KG	0.0036
C15-BZ#100	MG/KG	0.00036 U
C15-BZ#101/#90	MG/KG	0.0048
C15-BZ#104	MG/KG	0.00036 U
C15-BZ#105	MG/KG	0.00059
C15-BZ#107/#123	MG/KG	0.00051 J
C15-BZ#110	MG/KG	0.0048
C15-BZ#114	MG/KG	0.00036 U
C15-BZ#118	MG/KG	0.0030
C15-BZ#119	MG/KG	0.00042
C15-BZ#121/#95/#88	MG/KG	0.0021
C15-BZ#124	MG/KG	0.00036 U
C15-BZ#126	MG/KG	0.00036 U
C16-BZ#128	MG/KG	0.00032 J
C16-BZ#129/#158	MG/KG	0.00071 U
C16-BZ#130/#164	MG/KG	0.00057 J
C16-BZ#131	MG/KG	0.00036 U
C16-BZ#132	MG/KG	0.00074
C16-BZ#134	MG/KG	0.00036 U
C16-BZ#135	MG/KG	0.00038
C16-BZ#136	MG/KG	0.00029 J
C16-BZ#137	MG/KG	0.00036 U
C16-BZ#138	MG/KG	0.0012
C16-BZ#141	MG/KG	0.00036 U
C16-BZ#144	MG/KG	0.00036 U
C16-BZ#146	MG/KG	0.0011
C16-BZ#147/#149	MG/KG	0.0028
C16-BZ#151	MG/KG	0.00036 U
C16-BZ#153	MG/KG	0.0041
C16-BZ#154	MG/KG	0.00031 J
C16-BZ#155	MG/KG	0.00036 U

TABLE 8b - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-SF-H-2 Quahog Tissue 2 Station H 5/8/2019
Cl6-BZ#156	MG/KG	0.00060
Cl6-BZ#157	MG/KG	0.00036 U
Cl6-BZ#163/#160	MG/KG	0.0015
Cl6-BZ#167	MG/KG	0.00036 U
Cl6-BZ#168	MG/KG	0.00036 U
Cl6-BZ#169	MG/KG	0.00036 U
Cl7-BZ#170	MG/KG	0.00036 U
Cl7-BZ#171	MG/KG	0.00036 U
Cl7-BZ#172	MG/KG	0.00036 U
Cl7-BZ#173	MG/KG	0.00036 U
Cl7-BZ#174	MG/KG	0.00036 U
Cl7-BZ#176	MG/KG	0.00036 U
Cl7-BZ#177	MG/KG	0.00036 U
Cl7-BZ#178	MG/KG	0.00036 U
Cl7-BZ#180	MG/KG	0.00068
Cl7-BZ#182/#175	MG/KG	0.00071 U
Cl7-BZ#183	MG/KG	0.00036 U
Cl7-BZ#184	MG/KG	0.00036 U
Cl7-BZ#185	MG/KG	0.00036 U
Cl7-BZ#187	MG/KG	0.00069
Cl7-BZ#188	MG/KG	0.00036 U
Cl7-BZ#189	MG/KG	0.00036 U
Cl7-BZ#190	MG/KG	0.00036 U
Cl7-BZ#191	MG/KG	0.00036 U
Cl7-BZ#193	MG/KG	0.00036 U
Cl8-BZ#194	MG/KG	0.00036 U
Cl8-BZ#195	MG/KG	0.00036 U
Cl8-BZ#196	MG/KG	0.00036 U
Cl8-BZ#197	MG/KG	0.00036 U
Cl8-BZ#199	MG/KG	0.00036 U
Cl8-BZ#201	MG/KG	0.00036 U
Cl8-BZ#202	MG/KG	0.00036 U
Cl8-BZ#203	MG/KG	0.00036 U
Cl8-BZ#204/#200	MG/KG	0.00071 U
Cl8-BZ#205	MG/KG	0.00036 U
Cl9-BZ#206	MG/KG	0.00036 U
Cl9-BZ#207	MG/KG	0.00036 U
Cl9-BZ#208	MG/KG	0.00036 U
Cl10-BZ#209	MG/KG	0.00036 U

TABLE 8c - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3
	Species Species Type Area Station Sample Date	Quahog Tissue 3 Station B 5/7/2019	Quahog Tissue 3 Station D 5/8/2019	Quahog Tissue 3 Station I 5/7/2019	Quahog Tissue 3 Station J 5/7/2019
	Units				
Lipids	PERCENT	0.34	0.37	0.38	0.19
Total PCB Congeners ¹	MG/KG	0.051 J2	0.047 J2	0.057 J2	0.033 J1
Total PCB Congeners Hits ²	MG/KG	0.031	0.026	0.039	0.0062
Total NOAA Congeners ³	MG/KG	0.014 J3	0.012 J2	0.017 J3	0.0054 J2
Total WHO Congeners ⁴	MG/KG	0.0042 J2	0.0036 J1	0.0047 J2	0.0029 J1
Total NOAA / WHO Combined ⁵	MG/KG	0.017 J2	0.015 J2	0.019 J2	0.0076 J1
C11-BZ#1	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C11-BZ#3	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C12-BZ#5	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#6	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#7	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#8	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#12	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C12-BZ#13	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C12-BZ#15	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#16	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#17	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#18	MG/KG	0.00031 J	0.00025 J	0.00035 J	0.00039 U
C13-BZ#19	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C13-BZ#22	MG/KG	0.00020 J	0.00039 U	0.00026 J	0.00039 U
C13-BZ#24	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#25	MG/KG	0.00038 U	0.00031 J	0.00033 J	0.00021 J
C13-BZ#26	MG/KG	0.00049	0.00054	0.00057	0.00039 U
C13-BZ#27	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#28	MG/KG	0.00064	0.00068	0.00085	0.00021 J
C13-BZ#29	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#31	MG/KG	0.00060	0.00060	0.00078	0.00025 J
C13-BZ#32	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#33	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C13-BZ#37	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#40	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#41	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#42	MG/KG	0.00020 J	0.00039 U	0.00027 J	0.00039 U
C14-BZ#43	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#44	MG/KG	0.00065	0.00055	0.00068	0.00039 U
C14-BZ#45	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#47	MG/KG	0.00062	0.00064	0.00082	0.00039 U
C14-BZ#48	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#49	MG/KG	0.0015	0.0015	0.0020	0.00057
C14-BZ#50	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#51	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#52	MG/KG	0.0018	0.0020	0.0022	0.00059
C14-BZ#53	MG/KG	0.00038 U	0.00039 U	0.00029 J	0.00039 U
C14-BZ#54	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#56	MG/KG	0.00024 J	0.00023 J	0.00024 J	0.00039 U

TABLE 8c - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 3 - 2019

	Sample#	NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3
	Species	Quahog	Quahog	Quahog	Quahog
	Species Type	Tissue	Tissue	Tissue	Tissue
	Area	3	3	3	3
	Station	Station B	Station D	Station I	Station J
	Sample Date	5/7/2019	5/8/2019	5/7/2019	5/7/2019
Parameter	Units				
C14-BZ#60	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#63	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#66	MG/KG	0.00088	0.00060	0.00094	0.00024 J
C14-BZ#68/#64	MG/KG	0.00076 U	0.00044 J	0.00049 J	0.00079 U
C14-BZ#70	MG/KG	0.00068	0.00050	0.00065	0.00039 U
C14-BZ#71	MG/KG	0.00026 J	0.00022 J	0.00032 J	0.00039 U
C14-BZ#73/#46	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C14-BZ#74	MG/KG	0.00047	0.00036 J	0.00042	0.00039 U
C14-BZ#76	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#77	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C14-BZ#81	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#82	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0012 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00040	0.00039 U	0.00048	0.00039 U
C15-BZ#87/#111	MG/KG	0.00056 J	0.00077 U	0.00041 J	0.00079 U
C15-BZ#89/#84	MG/KG	0.00058 J	0.00051 J	0.00063 J	0.00079 U
C15-BZ#91	MG/KG	0.00045	0.00042	0.00060	0.00039 U
C15-BZ#92	MG/KG	0.00065	0.00071	0.00081	0.00039 U
C15-BZ#97	MG/KG	0.00079	0.00043	0.00069	0.00039 U
C15-BZ#99	MG/KG	0.0019	0.0017	0.0025	0.00067
C15-BZ#100	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.0027	0.0019	0.0026	0.00067 J
C15-BZ#104	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#105	MG/KG	0.00034 J	0.00039 U	0.00042	0.00039 U
C15-BZ#107/#123	MG/KG	0.00076 U	0.00077 U	0.00040 J	0.00079 U
C15-BZ#110	MG/KG	0.0020	0.0016	0.0025	0.00051
C15-BZ#114	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#118	MG/KG	0.0018	0.0012	0.0022	0.00056
C15-BZ#119	MG/KG	0.00029 J	0.00039 U	0.00036 U	0.00039 U
C15-BZ#121/#95/#88	MG/KG	0.0012	0.00082 J	0.0011	0.0012 U
C15-BZ#124	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C15-BZ#126	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#128	MG/KG	0.00023 J	0.00039 U	0.00035 J	0.00039 U
C16-BZ#129/#158	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C16-BZ#130/#164	MG/KG	0.00076 U	0.00077 U	0.00048 J	0.00079 U
C16-BZ#131	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#132	MG/KG	0.00053	0.00028 J	0.00049	0.00039 U
C16-BZ#134	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#135	MG/KG	0.00028 J	0.00023 J	0.00037	0.00039 U
C16-BZ#136	MG/KG	0.00026 J	0.00039 U	0.00022 J	0.00039 U
C16-BZ#137	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#138	MG/KG	0.00091	0.00077	0.0012	0.00039 U
C16-BZ#141	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#144	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#146	MG/KG	0.00080	0.00066	0.0011	0.00037 J
C16-BZ#147/#149	MG/KG	0.0015	0.0012	0.0018	0.00079 U
C16-BZ#151	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#153	MG/KG	0.0025	0.0024	0.0033	0.00081
C16-BZ#154	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#155	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U

TABLE 8c - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3
	Species Species Type Area Station Sample Date	Quahog Tissue 3 Station B 5/7/2019	Quahog Tissue 3 Station D 5/8/2019	Quahog Tissue 3 Station I 5/7/2019	Quahog Tissue 3 Station J 5/7/2019
	Units				
C16-BZ#156	MG/KG	0.00038 U	0.00028 J	0.00028 J	0.00039 U
C16-BZ#157	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#163/#160	MG/KG	0.00074 J	0.00075 J	0.0011	0.00052 J
C16-BZ#167	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#168	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C16-BZ#169	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#170	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#171	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#172	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#173	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#174	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#176	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#177	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#178	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#180	MG/KG	0.00038 U	0.00026 J	0.00044	0.00039 U
C17-BZ#182/#175	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C17-BZ#183	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#184	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#185	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#187	MG/KG	0.00045	0.00041	0.00054	0.00039 U
C17-BZ#188	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#189	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#190	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#191	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C17-BZ#193	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#194	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#195	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#196	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#197	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#199	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#201	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#202	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#203	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C18-BZ#204/#200	MG/KG	0.00076 U	0.00077 U	0.00072 U	0.00079 U
C18-BZ#205	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C19-BZ#206	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C19-BZ#207	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C19-BZ#208	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U
C110-BZ#209	MG/KG	0.00038 U	0.00039 U	0.00036 U	0.00039 U

TABLE 8d - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA R - 2019

Parameter	Sample#	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
	Species Species Type Area Station Sample Date Units	Quahog Tissue R R02 5/9/2019	Quahog Tissue R R05 5/9/2019	Quahog Tissue R R09 5/9/2019
Lipids	PERCENT	0.40	0.54	0.42
Total PCB Congeners ¹	MG/KG	0.027 J1	0.028 J1	0.028 J1
Total PCB Congeners Hits ²	MG/KG	0.00034	0.00040	0.00071
Total NOAA Congeners ³	MG/KG	0.0036 J1	0.0038 J1	0.0038 J1
Total WHO Congeners ⁴	MG/KG	0.0023 J1	0.0024 J1	0.0024 J1
Total NOAA / WHO Combined ⁵	MG/KG	0.0056 J1	0.0058 J1	0.0058 J1
C11-BZ#1	MG/KG	0.00036 U	0.00037 U	0.00037 U
C11-BZ#3	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#4/#10	MG/KG	0.00072 U	0.00075 U	0.00074 U
C12-BZ#5	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#6	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#7	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#8	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#12	MG/KG	0.00036 U	0.00037 U	0.00037 U
C12-BZ#13	MG/KG	0.00072 U	0.00075 U	0.00074 U
C12-BZ#15	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#16	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#17	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#18	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#19	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#21/#20	MG/KG	0.00072 U	0.00075 U	0.00074 U
C13-BZ#22	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#24	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#25	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#26	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#27	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#28	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#29	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#31	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#32	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#33	MG/KG	0.00036 U	0.00037 U	0.00037 U
C13-BZ#37	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#40	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#41	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#42	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#43	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#44	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#45	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#47	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#48	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#49	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#50	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#51	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#52	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#53	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#54	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#56	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 8d - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA R - 2019

Parameter	Sample#	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
	Species Species Type Area Station Sample Date	Quahog Tissue R R02 5/9/2019	Quahog Tissue R R05 5/9/2019	Quahog Tissue R R09 5/9/2019
	Units			
C14-BZ#60	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#63	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#66	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#68/#64	MG/KG	0.00072 U	0.00075 U	0.00074 U
C14-BZ#70	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#71	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#73/#46	MG/KG	0.00072 U	0.00075 U	0.00074 U
C14-BZ#74	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#76	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#77	MG/KG	0.00036 U	0.00037 U	0.00037 U
C14-BZ#81	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#82	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#87/#111	MG/KG	0.00072 U	0.00075 U	0.00074 U
C15-BZ#89/#84	MG/KG	0.00072 U	0.00075 U	0.00074 U
C15-BZ#91	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#92	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#97	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#99	MG/KG	0.00036 U	0.00037 U	0.00025 J
C15-BZ#100	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#101/#90	MG/KG	0.00072 U	0.00075 U	0.00074 U
C15-BZ#104	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#105	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#107/#123	MG/KG	0.00072 U	0.00075 U	0.00074 U
C15-BZ#110	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#114	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#118	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#119	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#124	MG/KG	0.00036 U	0.00037 U	0.00037 U
C15-BZ#126	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#128	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#129/#158	MG/KG	0.00072 U	0.00075 U	0.00074 U
C16-BZ#130/#164	MG/KG	0.00072 U	0.00075 U	0.00074 U
C16-BZ#131	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#132	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#134	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#135	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#136	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#137	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#138	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#141	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#144	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#146	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#147/#149	MG/KG	0.00072 U	0.00075 U	0.00074 U
C16-BZ#151	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#153	MG/KG	0.00034 J	0.00040	0.00045
C16-BZ#154	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#155	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 8d - SUMMARY OF SAMPLE DATA FOR QUAHOG (MG/KG WET WEIGHT) AREA R - 2019

Parameter	Sample#	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
	Species Species Type Area Station Sample Date	Quahog Tissue R R02 5/9/2019	Quahog Tissue R R05 5/9/2019	Quahog Tissue R R09 5/9/2019
	Units			
C16-BZ#156	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#157	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#163/#160	MG/KG	0.00072 U	0.00075 U	0.00074 U
C16-BZ#167	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#168	MG/KG	0.00036 U	0.00037 U	0.00037 U
C16-BZ#169	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#170	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#171	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#172	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#173	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#174	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#176	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#177	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#178	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#180	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#182/#175	MG/KG	0.00072 U	0.00075 U	0.00074 U
C17-BZ#183	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#184	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#185	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#187	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#188	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#189	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#190	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#191	MG/KG	0.00036 U	0.00037 U	0.00037 U
C17-BZ#193	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#194	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#195	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#196	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#197	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#199	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#201	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#202	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#203	MG/KG	0.00036 U	0.00037 U	0.00037 U
C18-BZ#204/#200	MG/KG	0.00072 U	0.00075 U	0.00074 U
C18-BZ#205	MG/KG	0.00036 U	0.00037 U	0.00037 U
C19-BZ#206	MG/KG	0.00036 U	0.00037 U	0.00037 U
C19-BZ#207	MG/KG	0.00036 U	0.00037 U	0.00037 U
C19-BZ#208	MG/KG	0.00036 U	0.00037 U	0.00037 U
C110-BZ#209	MG/KG	0.00036 U	0.00037 U	0.00037 U

TABLE 9a - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC
	Species Species Type Area Station Sample Date Units	Scup Tissue 2 Station A 7/18/2019	Scup Tissue 2 Station B 6/14/2019	Scup Tissue 2 Station D 5/31/2019
Lipids	PERCENT	1.7	1.3	1.2
Total PCB Congeners ¹	MG/KG	0.53 J3	0.27 J3	0.60 J3
Total PCB Congeners Hits ²	MG/KG	0.52	0.26	0.59
Total NOAA Congeners ³	MG/KG	0.30 J4	0.15 J4	0.34 J4
Total WHO Congeners ⁴	MG/KG	0.075 J4	0.034 J3	0.085 J4
Total NOAA / WHO Combined ⁵	MG/KG	0.32 J4	0.16 J4	0.35 J4
C11-BZ#1	MG/KG	0.00038 U	0.00036 U	0.00036 U
C11-BZ#3	MG/KG	0.00038 U	0.00036 U	0.00036 U
C12-BZ#4/#10	MG/KG	0.00075 U	0.00073 U	0.00072 U
C12-BZ#5	MG/KG	0.00038 U	0.00036 U	0.00036 U
C12-BZ#6	MG/KG	0.00040	0.00021 J	0.00030 J
C12-BZ#7	MG/KG	0.00038 U	0.00036 U	0.00036 U
C12-BZ#8	MG/KG	0.00035 J	0.00019 J	0.00027 J
C12-BZ#12	MG/KG	0.00038 U	0.00036 U	0.00036 U
C12-BZ#13	MG/KG	0.00075 U	0.00073 U	0.00072 U
C12-BZ#15	MG/KG	0.00038 U	0.00036 U	0.00036 U
C13-BZ#16	MG/KG	0.00020 J	0.00036 U	0.00036 U
C13-BZ#17	MG/KG	0.0014	0.00047	0.00088
C13-BZ#18	MG/KG	0.0023	0.0011	0.0015
C13-BZ#19	MG/KG	0.00038 U	0.00036 U	0.00036 U
C13-BZ#21/#20	MG/KG	0.00075 U	0.00073 U	0.00072 U
C13-BZ#22	MG/KG	0.00083	0.00036 U	0.00074
C13-BZ#24	MG/KG	0.00038 U	0.00036 U	0.00036 U
C13-BZ#25	MG/KG	0.00099	0.00050	0.00081
C13-BZ#26	MG/KG	0.0034	0.0014	0.0028
C13-BZ#27	MG/KG	0.00032 J	0.00036 U	0.00019 J
C13-BZ#28	MG/KG	0.0063	0.0020	0.0059
C13-BZ#29	MG/KG	0.00038 U	0.00036 U	0.00036 U
C13-BZ#31	MG/KG	0.0015	0.00084	0.0013
C13-BZ#32	MG/KG	0.00076	0.00028 J	0.00039
C13-BZ#33	MG/KG	0.00038 U	0.00036 U	0.00036 U
C13-BZ#37	MG/KG	0.00038 U	0.00036 U	0.00076
C14-BZ#40	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#41	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#42	MG/KG	0.0014	0.00055	0.0017
C14-BZ#43	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#44	MG/KG	0.0027	0.0015	0.0021
C14-BZ#45	MG/KG	0.00024 J	0.00036 U	0.00022 J
C14-BZ#47	MG/KG	0.0095	0.0028	0.011
C14-BZ#48	MG/KG	0.00047	0.00019 J	0.00039
C14-BZ#49	MG/KG	0.016	0.0053	0.019
C14-BZ#50	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#51	MG/KG	0.00036 J	0.00036 U	0.00020 J
C14-BZ#52	MG/KG	0.016	0.0065	0.016
C14-BZ#53	MG/KG	0.00037 J	0.00032 J	0.00033 J
C14-BZ#54	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#56	MG/KG	0.0015	0.00065	0.0014

TABLE 9a - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC
	Species	Scup	Scup	Scup
Species Type	Tissue	Tissue	Tissue	Tissue
Area	2	2	2	2
Station	Station A	Station B	Station D	
Sample Date	7/18/2019	6/14/2019	5/31/2019	
Units				
C14-BZ#60	MG/KG	0.0011	0.00043	0.0016
C14-BZ#63	MG/KG	0.00098	0.00042	0.0013
C14-BZ#66	MG/KG	0.013	0.0039	0.013
C14-BZ#68/#64	MG/KG	0.0039	0.0015	0.0046
C14-BZ#70	MG/KG	0.00075	0.00041	0.00061
C14-BZ#71	MG/KG	0.0012	0.00050	0.00065
C14-BZ#73/#46	MG/KG	0.00075 U	0.00073 U	0.00072 U
C14-BZ#74	MG/KG	0.0060	0.0021	0.0080
C14-BZ#76	MG/KG	0.00038 U	0.00036 U	0.00036 U
C14-BZ#77	MG/KG	0.00019 J	0.00036 U	0.00036 U
C14-BZ#81	MG/KG	0.00038 U	0.00036 U	0.00036 U
C15-BZ#82	MG/KG	0.00040	0.00036 U	0.00038
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.0053	0.0023	0.0074
C15-BZ#87/#111	MG/KG	0.0023	0.0015	0.0037
C15-BZ#89/#84	MG/KG	0.00075 U	0.00073 U	0.00072 U
C15-BZ#91	MG/KG	0.0035	0.0017	0.0038
C15-BZ#92	MG/KG	0.0019	0.0016	0.0016
C15-BZ#97	MG/KG	0.0072	0.0029	0.010
C15-BZ#99	MG/KG	0.042	0.016	0.050
C15-BZ#100	MG/KG	0.00075	0.00034 J	0.00091
C15-BZ#101/#90	MG/KG	0.036	0.017	0.048
C15-BZ#104	MG/KG	0.00038 U	0.00036 U	0.00036 U
C15-BZ#105	MG/KG	0.0072	0.0033	0.0098
C15-BZ#107/#123	MG/KG	0.0048	0.0023	0.0054
C15-BZ#110	MG/KG	0.013	0.0071	0.016
C15-BZ#114	MG/KG	0.0023	0.0011	0.0022
C15-BZ#118	MG/KG	0.051	0.021	0.056
C15-BZ#119	MG/KG	0.0026	0.00090	0.0030
C15-BZ#121/#95/#88	MG/KG	0.0038	0.0025	0.0041
C15-BZ#124	MG/KG	0.00019 J	0.00036 U	0.00036 U
C15-BZ#126	MG/KG	0.00038 U	0.00036 U	0.00036 U
C16-BZ#128	MG/KG	0.0098	0.0049	0.012
C16-BZ#129/#158	MG/KG	0.0049	0.0030	0.0075
C16-BZ#130/#164	MG/KG	0.0016	0.0013	0.0018
C16-BZ#131	MG/KG	0.00038 U	0.00036 U	0.00028 J
C16-BZ#132	MG/KG	0.0014	0.0011	0.00097
C16-BZ#134	MG/KG	0.00038 U	0.00036 U	0.00036 U
C16-BZ#135	MG/KG	0.00040	0.00036 J	0.00032 J
C16-BZ#136	MG/KG	0.00068	0.00042	0.00069
C16-BZ#137	MG/KG	0.0023	0.0013	0.0033
C16-BZ#138	MG/KG	0.040	0.022	0.050
C16-BZ#141	MG/KG	0.00084	0.00082	0.0014
C16-BZ#144	MG/KG	0.00057	0.00037	0.00088
C16-BZ#146	MG/KG	0.013	0.0076	0.014
C16-BZ#147/#149	MG/KG	0.012	0.0088	0.015
C16-BZ#151	MG/KG	0.0014	0.0012	0.0015
C16-BZ#153	MG/KG	0.095	0.046	0.092
C16-BZ#154	MG/KG	0.0018	0.0010	0.0023
C16-BZ#155	MG/KG	0.00038 U	0.00036 U	0.00036 U

TABLE 9a - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC
	Species	Scup	Scup	Scup
Species Type	Tissue	Tissue	Tissue	Tissue
Area	2	2	2	2
Station	Station A	Station B	Station D	
Sample Date	7/18/2019	6/14/2019	5/31/2019	
Units				
C16-BZ#156	MG/KG	0.0045	0.0023	0.0054
C16-BZ#157	MG/KG	0.0015	0.00082	0.0016
C16-BZ#163/#160	MG/KG	0.0076	0.0053	0.0089
C16-BZ#167	MG/KG	0.0028	0.0016	0.0030
C16-BZ#168	MG/KG	0.00038 U	0.00036 U	0.00036 U
C16-BZ#169	MG/KG	0.00038 UJ	0.00036 UJ	0.00036 UJ
C17-BZ#170	MG/KG	0.0055	0.0035	0.0061
C17-BZ#171	MG/KG	0.0017	0.0012	0.0020
C17-BZ#172	MG/KG	0.00051	0.00049	0.00068
C17-BZ#173	MG/KG	0.00038 U	0.00036 U	0.00036 U
C17-BZ#174	MG/KG	0.00039	0.00035 J	0.00038
C17-BZ#176	MG/KG	0.00022 J	0.00036 U	0.00026 J
C17-BZ#177	MG/KG	0.00058	0.00058	0.00047
C17-BZ#178	MG/KG	0.00029 J	0.00037	0.00030 J
C17-BZ#180	MG/KG	0.0098	0.0066	0.010
C17-BZ#182/#175	MG/KG	0.00075 U	0.00073 U	0.00037 J
C17-BZ#183	MG/KG	0.0041	0.0031	0.0045
C17-BZ#184	MG/KG	0.00038 U	0.00036 U	0.00036 U
C17-BZ#185	MG/KG	0.00038 U	0.00036 U	0.00036 U
C17-BZ#187	MG/KG	0.0067	0.0072	0.0086
C17-BZ#188	MG/KG	0.00038 U	0.00036 U	0.00036 U
C17-BZ#189	MG/KG	0.00034 J	0.00024 J	0.00032 J
C17-BZ#190	MG/KG	0.00084	0.00055	0.00097
C17-BZ#191	MG/KG	0.00027 J	0.00020 J	0.00030 J
C17-BZ#193	MG/KG	0.00023 J	0.00033 J	0.00045
C18-BZ#194	MG/KG	0.0021 J	0.0014	0.0018
C18-BZ#195	MG/KG	0.00055	0.00043	0.00057
C18-BZ#196	MG/KG	0.0011	0.0011	0.0011
C18-BZ#197	MG/KG	0.00022 J	0.00036 U	0.00036 U
C18-BZ#199	MG/KG	0.00038 U	0.00036 U	0.00036 U
C18-BZ#201	MG/KG	0.00067	0.0012	0.00080
C18-BZ#202	MG/KG	0.00026 J	0.00067	0.00037
C18-BZ#203	MG/KG	0.0012 J	0.00092	0.0011
C18-BZ#204/#200	MG/KG	0.00040 J	0.00053 J	0.00048 J
C18-BZ#205	MG/KG	0.00038 U	0.00036 U	0.00036 U
C19-BZ#206	MG/KG	0.0019 J	0.0017 J	0.0014
C19-BZ#207	MG/KG	0.00026 J	0.00026 J	0.00021 J
C19-BZ#208	MG/KG	0.00022 J	0.00073	0.00041
C110-BZ#209	MG/KG	0.00094 J	0.00089	0.00068

TABLE 9b - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC	NBH19-FF-E-3-SC
	Species Species Type Area Station Sample Date Units	Scup Tissue 3 Station C 7/23/2019	Scup Tissue 3 Station D 7/23/2019	Scup Tissue 3 Station E 8/12/2019
Lipids	PERCENT	0.78	0.92	1.5
Total PCB Congeners ¹	MG/KG	0.14 J3	0.22 J3	0.21 J3
Total PCB Congeners Hits ²	MG/KG	0.13	0.21	0.20
Total NOAA Congeners ³	MG/KG	0.072 J4	0.14 J4	0.11 J4
Total WHO Congeners ⁴	MG/KG	0.018 J3	0.035 J3	0.028 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.077 J3	0.15 J4	0.11 J4
C11-BZ#1	MG/KG	0.00039 U	0.00037 U	0.00038 U
C11-BZ#3	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#4/#10	MG/KG	0.00078 U	0.00074 U	0.00076 U
C12-BZ#5	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#6	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#7	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#8	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#12	MG/KG	0.00039 U	0.00037 U	0.00038 U
C12-BZ#13	MG/KG	0.00078 U	0.00074 U	0.00076 U
C12-BZ#15	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#16	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#17	MG/KG	0.00051	0.00037 U	0.00030 J
C13-BZ#18	MG/KG	0.00062	0.00020 J	0.00063
C13-BZ#19	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#21/#20	MG/KG	0.00078 U	0.00074 U	0.00076 U
C13-BZ#22	MG/KG	0.00039 J	0.00037 U	0.00042
C13-BZ#24	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#25	MG/KG	0.00036 J	0.00037 U	0.00020 J
C13-BZ#26	MG/KG	0.0013	0.00029 J	0.00090
C13-BZ#27	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#28	MG/KG	0.0017	0.00090	0.0022
C13-BZ#29	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#31	MG/KG	0.00049	0.00053	0.00050
C13-BZ#32	MG/KG	0.00026 J	0.00037 U	0.00026 J
C13-BZ#33	MG/KG	0.00039 U	0.00037 U	0.00038 U
C13-BZ#37	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#40	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#41	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#42	MG/KG	0.00031 J	0.00037 U	0.00051
C14-BZ#43	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#44	MG/KG	0.0012	0.00036 J	0.0013
C14-BZ#45	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#47	MG/KG	0.0019	0.0024	0.0027
C14-BZ#48	MG/KG	0.00020 J	0.00037 U	0.00038 U
C14-BZ#49	MG/KG	0.0041	0.0025	0.0057
C14-BZ#50	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#51	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#52	MG/KG	0.0047	0.0026	0.0060
C14-BZ#53	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#54	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#56	MG/KG	0.00051	0.00037	0.00054

TABLE 9b - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC	NBH19-FF-E-3-SC
	Species	Scup	Scup	Scup
Species Type	Tissue	Tissue	Tissue	Tissue
Area	3	3	3	3
Station	Station C	Station D	Station E	Station E
Sample Date	7/23/2019	7/23/2019	8/12/2019	8/12/2019
Units				
C14-BZ#60	MG/KG	0.00028 J	0.00028 J	0.00034 J
C14-BZ#63	MG/KG	0.00027 J	0.00031 J	0.00042
C14-BZ#66	MG/KG	0.0026	0.0037	0.0040
C14-BZ#68/#64	MG/KG	0.0013	0.00066 J	0.0013
C14-BZ#70	MG/KG	0.00041	0.00037 U	0.00027 J
C14-BZ#71	MG/KG	0.00042	0.00037 U	0.00047
C14-BZ#73/#46	MG/KG	0.00078 U	0.00074 U	0.00076 U
C14-BZ#74	MG/KG	0.0014	0.0019	0.0021
C14-BZ#76	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#77	MG/KG	0.00039 U	0.00037 U	0.00038 U
C14-BZ#81	MG/KG	0.00039 U	0.00037 U	0.00038 U
C15-BZ#82	MG/KG	0.00039 U	0.00037 U	0.00038 U
C15-BZ#83/#125/#112	MG/KG	0.0012 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.0013	0.0020	0.0017
C15-BZ#87/#111	MG/KG	0.00099	0.00052 J	0.0011
C15-BZ#89/#84	MG/KG	0.00078 U	0.00074 U	0.00076 U
C15-BZ#91	MG/KG	0.0011	0.00068	0.0017
C15-BZ#92	MG/KG	0.00082	0.00029 J	0.0016
C15-BZ#97	MG/KG	0.0018	0.0015	0.0029
C15-BZ#99	MG/KG	0.0093	0.017	0.015
C15-BZ#100	MG/KG	0.00039 U	0.00026 J	0.00031 J
C15-BZ#101/#90	MG/KG	0.0088	0.012	0.014
C15-BZ#104	MG/KG	0.00039 U	0.00037 U	0.00038 U
C15-BZ#105	MG/KG	0.0017	0.0028	0.0023
C15-BZ#107/#123	MG/KG	0.0012	0.0023	0.0025
C15-BZ#110	MG/KG	0.0045	0.0021	0.0059
C15-BZ#114	MG/KG	0.00058	0.0012	0.00076
C15-BZ#118	MG/KG	0.011	0.023	0.018
C15-BZ#119	MG/KG	0.00049	0.00065	0.00086
C15-BZ#121/#95/#88	MG/KG	0.0016	0.00071 J	0.0021
C15-BZ#124	MG/KG	0.00039 U	0.00037 U	0.00038 U
C15-BZ#126	MG/KG	0.00039 U	0.00037 U	0.00038 U
C16-BZ#128	MG/KG	0.0023	0.0052	0.0034
C16-BZ#129/#158	MG/KG	0.0013	0.0023	0.0017
C16-BZ#130/#164	MG/KG	0.00055 J	0.00041 J	0.0014
C16-BZ#131	MG/KG	0.00039 U	0.00037 U	0.00038 U
C16-BZ#132	MG/KG	0.00051	0.00037 U	0.00079
C16-BZ#134	MG/KG	0.00039 U	0.00037 U	0.00038 U
C16-BZ#135	MG/KG	0.00039 U	0.00037 U	0.00031 J
C16-BZ#136	MG/KG	0.00033 J	0.00037 U	0.00035 J
C16-BZ#137	MG/KG	0.00057	0.0012	0.00083
C16-BZ#138	MG/KG	0.0095	0.022	0.014
C16-BZ#141	MG/KG	0.00028 J	0.00020 J	0.00057
C16-BZ#144	MG/KG	0.00023 J	0.00021 J	0.00027 J
C16-BZ#146	MG/KG	0.0032	0.0073	0.0063
C16-BZ#147/#149	MG/KG	0.0039	0.0033	0.0070
C16-BZ#151	MG/KG	0.00050	0.00028 J	0.0012
C16-BZ#153	MG/KG	0.021	0.052	0.030
C16-BZ#154	MG/KG	0.00044	0.00078	0.00073
C16-BZ#155	MG/KG	0.00039 U	0.00037 U	0.00038 U

TABLE 9b - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC	NBH19-FF-E-3-SC
	Species Species Type Area Station Sample Date	Scup Tissue 3 Station C 7/23/2019	Scup Tissue 3 Station D 7/23/2019	Scup Tissue 3 Station E 8/12/2019
	Units			
C16-BZ#156	MG/KG	0.0012	0.0024	0.0018
C16-BZ#157	MG/KG	0.00038 J	0.00086	0.00063
C16-BZ#163/#160	MG/KG	0.0020	0.0029	0.0054
C16-BZ#167	MG/KG	0.00073	0.0015	0.0012
C16-BZ#168	MG/KG	0.00039 U	0.00037 U	0.00038 U
C16-BZ#169	MG/KG	0.00039 UJ	0.00037 UJ	0.00038 UJ
C17-BZ#170	MG/KG	0.0014	0.0032	0.0022
C17-BZ#171	MG/KG	0.00041	0.0011	0.00071
C17-BZ#172	MG/KG	0.00020 J	0.00019 J	0.00040
C17-BZ#173	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#174	MG/KG	0.00039 U	0.00037 U	0.00030 J
C17-BZ#176	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#177	MG/KG	0.00022 J	0.00037 U	0.00065
C17-BZ#178	MG/KG	0.00039 U	0.00037 U	0.00044
C17-BZ#180	MG/KG	0.0025	0.0056	0.0037
C17-BZ#182/#175	MG/KG	0.00078 U	0.00074 U	0.00076 U
C17-BZ#183	MG/KG	0.0011	0.0025	0.0015
C17-BZ#184	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#185	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#187	MG/KG	0.0023	0.0041	0.0044
C17-BZ#188	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#189	MG/KG	0.00039 U	0.00022 J	0.00022 J
C17-BZ#190	MG/KG	0.00020 J	0.00047	0.00032 J
C17-BZ#191	MG/KG	0.00039 U	0.00037 U	0.00038 U
C17-BZ#193	MG/KG	0.00039 U	0.00019 J	0.00029 J
C18-BZ#194	MG/KG	0.00058	0.0011	0.00081
C18-BZ#195	MG/KG	0.00039 U	0.00029 J	0.00023 J
C18-BZ#196	MG/KG	0.00026 J	0.00063	0.00036 J
C18-BZ#197	MG/KG	0.00039 U	0.00037 U	0.00038 U
C18-BZ#199	MG/KG	0.00039 U	0.00037 U	0.00038 U
C18-BZ#201	MG/KG	0.00029 J	0.00029 J	0.00060
C18-BZ#202	MG/KG	0.00039 U	0.00037 U	0.00021 J
C18-BZ#203	MG/KG	0.00033 J	0.00066	0.00039
C18-BZ#204/#200	MG/KG	0.00078 U	0.00074 U	0.00076 U
C18-BZ#205	MG/KG	0.00039 U	0.00037 U	0.00038 U
C19-BZ#206	MG/KG	0.00045	0.00078	0.00055
C19-BZ#207	MG/KG	0.00039 U	0.00021 J	0.00038 U
C19-BZ#208	MG/KG	0.00039 U	0.00037 U	0.00038 U
C110-BZ#209	MG/KG	0.00028 J	0.00038	0.00030 J

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO1-SC	S-MARION-FFSO-1	NBH19-FF-SO2-SC	S-MARION-FFSO-2
	Species Species Type Area Station Sample Date Units	Scup Tissue Marion MARION-1 9/30/2019	Scup Tissue Marion MARION-1 10/1/2019	Scup Tissue Marion MARION-2 9/30/2019	Scup Tissue Marion MARION-2 10/1/2019
Lipids	PERCENT	1.5	3.1	2.4	2.7
Total PCB Congeners ¹	MG/KG	0.095 J2	0.16 J3	0.063 J2	0.088 J2
Total PCB Congeners Hits ²	MG/KG	0.076	0.15	0.043	0.069
Total NOAA Congeners ³	MG/KG	0.049 J3	0.099 J4	0.028 J3	0.046 J3
Total WHO Congeners ⁴	MG/KG	0.013 J3	0.028 J3	0.0082 J2	0.014 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.053 J3	0.11 J3	0.031 J3	0.050 J3
C11-BZ#1	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C11-BZ#3	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C12-BZ#5	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#6	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#7	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#8	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#12	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C12-BZ#13	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C12-BZ#15	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#16	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#17	MG/KG	0.00039 U	0.00020 J	0.00036 U	0.00039 U
C13-BZ#18	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#19	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C13-BZ#22	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#24	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#25	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#26	MG/KG	0.00021 J	0.00037 U	0.00031 J	0.00039 U
C13-BZ#27	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#28	MG/KG	0.00054	0.00083	0.00085	0.00075
C13-BZ#29	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#31	MG/KG	0.00039 U	0.00037 U	0.00060	0.00039 U
C13-BZ#32	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#33	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C13-BZ#37	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#40	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#41	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#42	MG/KG	0.00039 U	0.00025 J	0.00036 U	0.00039 U
C14-BZ#43	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#44	MG/KG	0.00039 U	0.00020 J	0.00039	0.00039 U
C14-BZ#45	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#47	MG/KG	0.0010	0.0018	0.00085	0.00088
C14-BZ#48	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#49	MG/KG	0.0013	0.0020	0.0011 U	0.0010
C14-BZ#50	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#51	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#52	MG/KG	0.00078 U	0.0012	0.00071 U	0.00079
C14-BZ#53	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#54	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#56	MG/KG	0.00020 J	0.00035 J	0.00022 J	0.00020 J

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO1-SC	S-MARION-FFSO-1	NBH19-FF-SO2-SC	S-MARION-FFSO-2
	Species Species Type Area Station Sample Date	Scup Tissue Marion MARION-1 9/30/2019	Scup Tissue Marion MARION-1 10/1/2019	Scup Tissue Marion MARION-2 9/30/2019	Scup Tissue Marion MARION-2 10/1/2019
	Units				
C14-BZ#60	MG/KG	0.00039 U	0.00019 J	0.00036 U	0.00039 U
C14-BZ#63	MG/KG	0.00039 U	0.00025 J	0.00036 U	0.00039 U
C14-BZ#66	MG/KG	0.0019	0.0031	0.0014	0.0018
C14-BZ#68/#64	MG/KG	0.00077 U	0.00039 J	0.00073 U	0.00079 U
C14-BZ#70	MG/KG	0.00039 U	0.00024 J	0.00044	0.00029 J
C14-BZ#71	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#73/#46	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C14-BZ#74	MG/KG	0.00076	0.0014	0.00071	0.00075
C14-BZ#76	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C14-BZ#77	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00021 J
C14-BZ#81	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C15-BZ#82	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0012 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00081	0.0014	0.00049	0.00060
C15-BZ#87/#111	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C15-BZ#89/#84	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C15-BZ#91	MG/KG	0.00037 J	0.00039	0.00033 J	0.00031 J
C15-BZ#92	MG/KG	0.00020 J	0.00034 J	0.00036 U	0.00035 J
C15-BZ#97	MG/KG	0.00080	0.0012	0.00055	0.00066
C15-BZ#99	MG/KG	0.0074	0.013	0.0041	0.0051
C15-BZ#100	MG/KG	0.00039 U	0.00024 J	0.00036 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.0044	0.0073	0.0023	0.0039
C15-BZ#104	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C15-BZ#105	MG/KG	0.0012	0.0024	0.00086	0.0011
C15-BZ#107/#123	MG/KG	0.0011	0.0016	0.00060 J	0.00095
C15-BZ#110	MG/KG	0.00092	0.0013	0.00085	0.0010
C15-BZ#114	MG/KG	0.00044	0.0011	0.00027 J	0.00044
C15-BZ#118	MG/KG	0.0079	0.019	0.0047	0.0085
C15-BZ#119	MG/KG	0.00031 J	0.00068	0.00022 J	0.00020 J
C15-BZ#121/#95/#88	MG/KG	0.0012 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#124	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C15-BZ#126	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#128	MG/KG	0.0018	0.0033	0.00087	0.0014
C16-BZ#129/#158	MG/KG	0.00052 J	0.0014	0.00073 U	0.00046 J
C16-BZ#130/#164	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C16-BZ#131	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#132	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#134	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#135	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#136	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#137	MG/KG	0.00033 J	0.00071	0.00036 U	0.00027 J
C16-BZ#138	MG/KG	0.0075	0.014	0.0033	0.0061
C16-BZ#141	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#144	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#146	MG/KG	0.0029	0.0047	0.0014	0.0024
C16-BZ#147/#149	MG/KG	0.0018	0.0019	0.00099	0.0015
C16-BZ#151	MG/KG	0.00029 J	0.00021 J	0.00036 U	0.00022 J
C16-BZ#153	MG/KG	0.017	0.038	0.0099	0.016
C16-BZ#154	MG/KG	0.00050	0.00074	0.00020 J	0.00025 J
C16-BZ#155	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO1-SC	S-MARION-FFSO-1	NBH19-FF-SO2-SC	S-MARION-FFSO-2
	Species Species Type Area Station Sample Date	Scup Tissue Marion MARION-1 9/30/2019	Scup Tissue Marion MARION-1 10/1/2019	Scup Tissue Marion MARION-2 9/30/2019	Scup Tissue Marion MARION-2 10/1/2019
	Units				
C16-BZ#156	MG/KG	0.00062	0.0018	0.00035 J	0.00074
C16-BZ#157	MG/KG	0.00029 J	0.00073	0.00024 J	0.00037 J
C16-BZ#163/#160	MG/KG	0.0018	0.0024	0.00082	0.0016
C16-BZ#167	MG/KG	0.00050	0.0011	0.00032 J	0.00050
C16-BZ#168	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C16-BZ#169	MG/KG	0.00039 UJ	0.00037 U	0.00036 UJ	0.00039 U
C17-BZ#170	MG/KG	0.00095	0.0023	0.00057	0.00096
C17-BZ#171	MG/KG	0.00032 J	0.00054	0.00036 U	0.00040
C17-BZ#172	MG/KG	0.00020 J	0.00037 U	0.00036 U	0.00039 U
C17-BZ#173	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#174	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#176	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#177	MG/KG	0.00039 U	0.00019 J	0.00036 U	0.00023 J
C17-BZ#178	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#180	MG/KG	0.0015	0.0038	0.00089	0.0016
C17-BZ#182/#175	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C17-BZ#183	MG/KG	0.00084	0.0014	0.00051	0.00072
C17-BZ#184	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#185	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#187	MG/KG	0.0025	0.0029	0.0012	0.0017
C17-BZ#188	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#189	MG/KG	0.00039 U	0.00020 J	0.00036 U	0.00039 U
C17-BZ#190	MG/KG	0.00029 J	0.00031 J	0.00036 U	0.00039 U
C17-BZ#191	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C17-BZ#193	MG/KG	0.00039 U	0.00022 J	0.00036 U	0.00039 U
C18-BZ#194	MG/KG	0.00050	0.00070	0.00026 J	0.00038 J
C18-BZ#195	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C18-BZ#196	MG/KG	0.00023 J	0.00048	0.00036 U	0.00020 J
C18-BZ#197	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C18-BZ#199	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C18-BZ#201	MG/KG	0.00022 J	0.00024 J	0.00036 U	0.00027 J
C18-BZ#202	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C18-BZ#203	MG/KG	0.00039 U	0.00040	0.00036 U	0.00039 U
C18-BZ#204/#200	MG/KG	0.00077 U	0.00073 U	0.00073 U	0.00079 U
C18-BZ#205	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C19-BZ#206	MG/KG	0.00038 J	0.00048	0.00036 U	0.00024 J
C19-BZ#207	MG/KG	0.00039 U	0.00037 U	0.00036 U	0.00039 U
C19-BZ#208	MG/KG	0.00039 U	0.00019 J	0.00036 U	0.00039 U
C110-BZ#209	MG/KG	0.00028 J	0.00025 J	0.00036 U	0.00039 U

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

	Sample#	S-MARION-FFSO-3
	Species	Scup
	Species Type	Tissue
	Area	Marion
	Station	MARION-3
	Sample Date	10/2/2019
Parameter	Units	
Lipids	PERCENT	3.0
Total PCB Congeners ¹	MG/KG	0.13 J2
Total PCB Congeners Hits ²	MG/KG	0.11
Total NOAA Congeners ³	MG/KG	0.073 J3
Total WHO Congeners ⁴	MG/KG	0.021 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.079 J3
C11-BZ#1	MG/KG	0.00038 U
C11-BZ#3	MG/KG	0.00038 U
C12-BZ#4/#10	MG/KG	0.00076 U
C12-BZ#5	MG/KG	0.00038 U
C12-BZ#6	MG/KG	0.00038 U
C12-BZ#7	MG/KG	0.00038 U
C12-BZ#8	MG/KG	0.00038 U
C12-BZ#12	MG/KG	0.00038 U
C12-BZ#13	MG/KG	0.00076 U
C12-BZ#15	MG/KG	0.00038 U
C13-BZ#16	MG/KG	0.00038 U
C13-BZ#17	MG/KG	0.00038 U
C13-BZ#18	MG/KG	0.00038 U
C13-BZ#19	MG/KG	0.00038 U
C13-BZ#21/#20	MG/KG	0.00076 U
C13-BZ#22	MG/KG	0.00038 U
C13-BZ#24	MG/KG	0.00038 U
C13-BZ#25	MG/KG	0.00038 U
C13-BZ#26	MG/KG	0.00038 U
C13-BZ#27	MG/KG	0.00038 U
C13-BZ#28	MG/KG	0.00083
C13-BZ#29	MG/KG	0.00038 U
C13-BZ#31	MG/KG	0.00038 U
C13-BZ#32	MG/KG	0.00038 U
C13-BZ#33	MG/KG	0.00038 U
C13-BZ#37	MG/KG	0.00038 U
C14-BZ#40	MG/KG	0.00038 U
C14-BZ#41	MG/KG	0.00038 U
C14-BZ#42	MG/KG	0.00038 U
C14-BZ#43	MG/KG	0.00038 U
C14-BZ#44	MG/KG	0.00021 J
C14-BZ#45	MG/KG	0.00038 U
C14-BZ#47	MG/KG	0.0014
C14-BZ#48	MG/KG	0.00038 U
C14-BZ#49	MG/KG	0.0016
C14-BZ#50	MG/KG	0.00038 U
C14-BZ#51	MG/KG	0.00038 U
C14-BZ#52	MG/KG	0.00094
C14-BZ#53	MG/KG	0.00038 U
C14-BZ#54	MG/KG	0.00038 U
C14-BZ#56	MG/KG	0.00032 J

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	S-MARION-FFSO-3 Scup Tissue Marion MARION-3 10/2/2019
C14-BZ#60	MG/KG	0.00038 U
C14-BZ#63	MG/KG	0.00022 J
C14-BZ#66	MG/KG	0.0027
C14-BZ#68/#64	MG/KG	0.00040 J
C14-BZ#70	MG/KG	0.00021 J
C14-BZ#71	MG/KG	0.00038 U
C14-BZ#73/#46	MG/KG	0.00076 U
C14-BZ#74	MG/KG	0.0011
C14-BZ#76	MG/KG	0.00038 U
C14-BZ#77	MG/KG	0.00038 U
C14-BZ#81	MG/KG	0.00038 U
C15-BZ#82	MG/KG	0.00038 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U
C15-BZ#85	MG/KG	0.0012
C15-BZ#87/#111	MG/KG	0.00076 U
C15-BZ#89/#84	MG/KG	0.00076 U
C15-BZ#91	MG/KG	0.00039
C15-BZ#92	MG/KG	0.00026 J
C15-BZ#97	MG/KG	0.00088
C15-BZ#99	MG/KG	0.0096
C15-BZ#100	MG/KG	0.00020 J
C15-BZ#101/#90	MG/KG	0.0060
C15-BZ#104	MG/KG	0.00038 U
C15-BZ#105	MG/KG	0.0017
C15-BZ#107/#123	MG/KG	0.0015
C15-BZ#110	MG/KG	0.0013
C15-BZ#114	MG/KG	0.00063
C15-BZ#118	MG/KG	0.014
C15-BZ#119	MG/KG	0.00038
C15-BZ#121/#95/#88	MG/KG	0.0011 U
C15-BZ#124	MG/KG	0.00038 U
C15-BZ#126	MG/KG	0.00038 U
C16-BZ#128	MG/KG	0.0026
C16-BZ#129/#158	MG/KG	0.00094
C16-BZ#130/#164	MG/KG	0.00076 U
C16-BZ#131	MG/KG	0.00038 U
C16-BZ#132	MG/KG	0.00038 U
C16-BZ#134	MG/KG	0.00038 U
C16-BZ#135	MG/KG	0.00038 U
C16-BZ#136	MG/KG	0.00038 U
C16-BZ#137	MG/KG	0.00046
C16-BZ#138	MG/KG	0.011
C16-BZ#141	MG/KG	0.00038 U
C16-BZ#144	MG/KG	0.00038 U
C16-BZ#146	MG/KG	0.0039
C16-BZ#147/#149	MG/KG	0.0018
C16-BZ#151	MG/KG	0.00022 J
C16-BZ#153	MG/KG	0.026
C16-BZ#154	MG/KG	0.00055
C16-BZ#155	MG/KG	0.00038 U

TABLE 9c - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample# Species Species Type Area Station Sample Date	S-MARION-FFSO-3 Scup Tissue Marion MARION-3 10/2/2019
	Units	
C16-BZ#156	MG/KG	0.0012
C16-BZ#157	MG/KG	0.00055
C16-BZ#163/#160	MG/KG	0.0023
C16-BZ#167	MG/KG	0.00080
C16-BZ#168	MG/KG	0.00038 U
C16-BZ#169	MG/KG	0.00038 U
C17-BZ#170	MG/KG	0.0016
C17-BZ#171	MG/KG	0.00057
C17-BZ#172	MG/KG	0.00021 J
C17-BZ#173	MG/KG	0.00038 U
C17-BZ#174	MG/KG	0.00038 U
C17-BZ#176	MG/KG	0.00038 U
C17-BZ#177	MG/KG	0.00038 U
C17-BZ#178	MG/KG	0.00038 U
C17-BZ#180	MG/KG	0.0024
C17-BZ#182/#175	MG/KG	0.00076 U
C17-BZ#183	MG/KG	0.0010
C17-BZ#184	MG/KG	0.00038 U
C17-BZ#185	MG/KG	0.00038 U
C17-BZ#187	MG/KG	0.0024
C17-BZ#188	MG/KG	0.00038 U
C17-BZ#189	MG/KG	0.00038 U
C17-BZ#190	MG/KG	0.00022 J
C17-BZ#191	MG/KG	0.00038 U
C17-BZ#193	MG/KG	0.00038 U
C18-BZ#194	MG/KG	0.00050
C18-BZ#195	MG/KG	0.00038 U
C18-BZ#196	MG/KG	0.00024 J
C18-BZ#197	MG/KG	0.00038 U
C18-BZ#199	MG/KG	0.00038 U
C18-BZ#201	MG/KG	0.00034 J
C18-BZ#202	MG/KG	0.00038 U
C18-BZ#203	MG/KG	0.00022 J
C18-BZ#204/#200	MG/KG	0.00076 U
C18-BZ#205	MG/KG	0.00038 U
C19-BZ#206	MG/KG	0.00044
C19-BZ#207	MG/KG	0.00038 U
C19-BZ#208	MG/KG	0.00038 U
C110-BZ#209	MG/KG	0.00038 U

TABLE 10a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 1 - 2019

Sample# Species Species Type Area Station Sample Date		A1-A-SB-FF Striped Bass Tissue 1 Station A 6/26/2019	A1-B-SB-FF Striped Bass Tissue 1 Station B 6/26/2019	A1-C-SB-FF Striped Bass Tissue 1 Station C 6/26/2019	A1-D-SB-FF Striped Bass Tissue 1 Station D 6/26/2019	A1-E-SB-FF Striped Bass Tissue 1 Station E 6/26/2019
Parameter	Units					
Lipids	PERCENT	4.8	2.1	3.0	2.1	1.3
Total PCB Congeners ¹	MG/KG	5.0 J4	0.91 J4	0.79 J4	3.6 J4	11 J4
Total PCB Congeners Hits ²	MG/KG	5.0	0.90	0.79	3.6	11
Total NOAA Congeners ³	MG/KG	1.8 J4	0.36 J4	0.29 J4	1.3 J4	3.8 J4
Total WHO Congeners ⁴	MG/KG	0.22 J3	0.046 J3	0.020 J3	0.15 J4	0.34 J4
Total NOAA / WHO Combined ⁵	MG/KG	1.9 J4	0.37 J4	0.30 J4	1.3 J4	3.8 J4
C11-BZ#1	MG/KG	0.0020 U	0.00034 J	0.00039	0.00068	0.0014 U
C11-BZ#3	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C12-BZ#4/#10	MG/KG	0.015	0.0087	0.0079	0.017	0.0037
C12-BZ#5	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C12-BZ#6	MG/KG	0.031	0.013	0.012	0.029	0.0091
C12-BZ#7	MG/KG	0.0020 U	0.00040	0.00038	0.00085	0.0014 U
C12-BZ#8	MG/KG	0.028	0.013	0.012	0.028	0.0087
C12-BZ#12	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C12-BZ#13	MG/KG	0.0040 U	0.0018	0.0020	0.0022	0.0028 U
C12-BZ#15	MG/KG	0.0026	0.0022	0.0023	0.0031	0.0011 J
C13-BZ#16	MG/KG	0.0059	0.0020	0.0026	0.0047	0.0059
C13-BZ#17	MG/KG	0.061	0.016	0.020	0.046	0.11
C13-BZ#18	MG/KG	0.12	0.034	0.041	0.093	0.18
C13-BZ#19	MG/KG	0.010	0.0039	0.0036	0.0087	0.0038
C13-BZ#21/#20	MG/KG	0.0082	0.0021	0.0027	0.0058	0.019
C13-BZ#22	MG/KG	0.021	0.0049	0.0061	0.017	0.043
C13-BZ#24	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00026 J	0.0014 U
C13-BZ#25	MG/KG	0.13	0.026	0.034	0.088	0.33
C13-BZ#26	MG/KG	0.20	0.039	0.053	0.14	0.49
C13-BZ#27	MG/KG	0.026	0.0070	0.0078	0.019	0.031
C13-BZ#28	MG/KG	0.25	0.042	0.058	0.17	0.64
C13-BZ#29	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C13-BZ#31	MG/KG	0.20	0.041	0.049	0.14	0.47
C13-BZ#32	MG/KG	0.047	0.011	0.015	0.034	0.087
C13-BZ#33	MG/KG	0.0046	0.0013	0.0014	0.0059	0.010
C13-BZ#37	MG/KG	0.0042	0.0013	0.00085	0.0032	0.0014 U
C14-BZ#40	MG/KG	0.0071	0.0014	0.0016	0.0067	0.017
C14-BZ#41	MG/KG	0.0020 U	0.00025 J	0.00026 J	0.00082	0.0014 U
C14-BZ#42	MG/KG	0.048	0.0065	0.0074	0.035	0.13
C14-BZ#43	MG/KG	0.0025	0.00048	0.00045	0.0019	0.0057
C14-BZ#44	MG/KG	0.11	0.016	0.020	0.077	0.27
C14-BZ#45	MG/KG	0.0087	0.0017	0.0023	0.0057	0.019
C14-BZ#47	MG/KG	0.16	0.018	0.018	0.11	0.39
C14-BZ#48	MG/KG	0.0095	0.0015	0.0015	0.0065	0.020
C14-BZ#49	MG/KG	0.54	0.062	0.068	0.37	1.4
C14-BZ#50	MG/KG	0.0020 U	0.00035 U	0.00019 J	0.00055	0.0023
C14-BZ#51	MG/KG	0.026	0.0031	0.0044	0.015	0.069
C14-BZ#52	MG/KG	0.50	0.061	0.073	0.35	1.3
C14-BZ#53	MG/KG	0.054	0.0082	0.011	0.034	0.12
C14-BZ#54	MG/KG	0.0020 U	0.00035 U	0.00017 J	0.00036 J	0.0014 U
C14-BZ#56	MG/KG	0.020	0.0032	0.0023	0.013	0.037

TABLE 10a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	A1-A-SB-FF	A1-B-SB-FF	A1-C-SB-FF	A1-D-SB-FF	A1-E-SB-FF	
Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	1	1	1	1	1	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	
Parameter	Units					
C14-BZ#60	MG/KG	0.0093	0.0016	0.0012	0.0077	0.017
C14-BZ#63	MG/KG	0.0085	0.0013	0.0010	0.0069	0.018
C14-BZ#66	MG/KG	0.075	0.012	0.0092	0.059	0.14
C14-BZ#68/#64	MG/KG	0.078	0.011	0.011	0.061	0.19
C14-BZ#70	MG/KG	0.044	0.0073	0.0061	0.036	0.081
C14-BZ#71	MG/KG	0.070	0.0087	0.010	0.046	0.20
C14-BZ#73/#46	MG/KG	0.0082	0.0014	0.0017	0.0054	0.015
C14-BZ#74	MG/KG	0.063	0.0087	0.0068	0.047	0.14
C14-BZ#76	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C14-BZ#77	MG/KG	0.0018 J	0.00035 J	0.00032 J	0.00091	0.0027
C14-BZ#81	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C15-BZ#82	MG/KG	0.0051	0.00085	0.00058	0.0036	0.0072
C15-BZ#83/#125/#112	MG/KG	0.0070	0.00088 J	0.00070 J	0.0060	0.014
C15-BZ#85	MG/KG	0.015	0.0033	0.0017	0.011	0.023
C15-BZ#87/#111	MG/KG	0.020	0.0036	0.0021	0.015	0.028
C15-BZ#89/#84	MG/KG	0.030	0.0040	0.0037	0.021	0.059
C15-BZ#91	MG/KG	0.080	0.0091	0.0069	0.058	0.18
C15-BZ#92	MG/KG	0.053	0.0079	0.0044	0.038	0.10
C15-BZ#97	MG/KG	0.063	0.0099	0.0056	0.046	0.12
C15-BZ#99	MG/KG	0.20	0.038	0.015	0.13	0.36
C15-BZ#100	MG/KG	0.010	0.0019	0.00066	0.0068	0.023
C15-BZ#101/#90	MG/KG	0.23	0.036	0.019	0.17	0.44
C15-BZ#104	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.00074 J
C15-BZ#105	MG/KG	0.019	0.0037	0.0020	0.015	0.026
C15-BZ#107/#123	MG/KG	0.014	0.0032	0.0015	0.010	0.023
C15-BZ#110	MG/KG	0.20	0.023	0.016	0.15	0.39
C15-BZ#114	MG/KG	0.0067	0.0015	0.00065	0.0037	0.0099
C15-BZ#118	MG/KG	0.16	0.031	0.012	0.11	0.25
C15-BZ#119	MG/KG	0.028	0.0047	0.0020	0.019	0.06
C15-BZ#121/#95/#88	MG/KG	0.10	0.013	0.011	0.080	0.21
C15-BZ#124	MG/KG	0.0037	0.00060	0.00035	0.0024	0.0056
C15-BZ#126	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00030 J	0.0014 U
C16-BZ#128	MG/KG	0.018	0.0048	0.0021	0.013	0.027
C16-BZ#129/#158	MG/KG	0.018	0.0039	0.0013	0.012	0.029
C16-BZ#130/#164	MG/KG	0.012	0.0024	0.0012	0.0096	0.019
C16-BZ#131	MG/KG	0.0017 J	0.00030 J	0.00034 U	0.0011	0.0030
C16-BZ#132	MG/KG	0.014	0.0027	0.0017	0.011	0.019
C16-BZ#134	MG/KG	0.0068	0.00084	0.00055	0.0051	0.012
C16-BZ#135	MG/KG	0.010	0.0016	0.0011	0.0091	0.017
C16-BZ#136	MG/KG	0.016	0.0020	0.0013	0.011	0.032
C16-BZ#137	MG/KG	0.0063	0.0015	0.00047	0.0042	0.0092
C16-BZ#138	MG/KG	0.075	0.023	0.0094	0.049	0.098
C16-BZ#141	MG/KG	0.0085	0.0018	0.00086	0.0058	0.011
C16-BZ#144	MG/KG	0.0024	0.00065	0.00029 J	0.0018	0.0042
C16-BZ#146	MG/KG	0.033	0.0097	0.0042	0.022	0.051
C16-BZ#147/#149	MG/KG	0.13	0.019	0.010	0.095	0.24
C16-BZ#151	MG/KG	0.023	0.0048	0.0024	0.016	0.041
C16-BZ#153	MG/KG	0.19	0.055	0.020	0.13	0.31
C16-BZ#154	MG/KG	0.012	0.0032	0.0011	0.0075	0.021
C16-BZ#155	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U

TABLE 10a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 1 - 2019

Sample#	A1-A-SB-FF	A1-B-SB-FF	A1-C-SB-FF	A1-D-SB-FF	A1-E-SB-FF	
Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	
Species Type	Tissue	Tissue	Tissue	Tissue	Tissue	
Area	1	1	1	1	1	
Station	Station A	Station B	Station C	Station D	Station E	
Sample Date	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	
Parameter	Units					
C16-BZ#156	MG/KG	0.013	0.0029	0.0012	0.0088	0.018
C16-BZ#157	MG/KG	0.0027	0.00064	0.00030 J	0.0016	0.0037
C16-BZ#163/#160	MG/KG	0.044	0.010	0.0038	0.031	0.078
C16-BZ#167	MG/KG	0.0075	0.0020	0.00079	0.0050	0.012
C16-BZ#168	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C16-BZ#169	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C17-BZ#170	MG/KG	0.012	0.0036	0.0016	0.0086	0.018
C17-BZ#171	MG/KG	0.0036	0.0013	0.00064	0.0027	0.0061
C17-BZ#172	MG/KG	0.0026	0.00071	0.00045	0.0015	0.0033
C17-BZ#173	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C17-BZ#174	MG/KG	0.0044	0.0011	0.00083	0.0033	0.0058
C17-BZ#176	MG/KG	0.0011 J	0.00031 J	0.00018 J	0.00062	0.0016
C17-BZ#177	MG/KG	0.0052	0.0022	0.0012	0.0040	0.0072
C17-BZ#178	MG/KG	0.0041	0.0016	0.0010	0.0031	0.0059
C17-BZ#180	MG/KG	0.021	0.0072	0.0035	0.014	0.029
C17-BZ#182/#175	MG/KG	0.0040 U	0.00071 U	0.00069 U	0.00060 J	0.0028 U
C17-BZ#183	MG/KG	0.0085	0.0032	0.0015	0.0059	0.012
C17-BZ#184	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C17-BZ#185	MG/KG	0.0020 U	0.00023 J	0.00034 U	0.00051	0.0011 J
C17-BZ#187	MG/KG	0.027	0.011	0.0059	0.020	0.039
C17-BZ#188	MG/KG	0.0020 U	0.00018 J	0.00034 U	0.00030 J	0.0014 U
C17-BZ#189	MG/KG	0.0020 U	0.00019 J	0.00034 U	0.00062	0.0015
C17-BZ#190	MG/KG	0.0028	0.00077	0.00038	0.0018	0.0042
C17-BZ#191	MG/KG	0.0010 J	0.00025 J	0.00034 U	0.00044	0.0010 J
C17-BZ#193	MG/KG	0.0016 J	0.00064	0.00032 J	0.0010	0.0026
C18-BZ#194	MG/KG	0.0042	0.0018	0.0012	0.0033	0.0056
C18-BZ#195	MG/KG	0.0012 J	0.00060	0.00030 J	0.0010	0.0019
C18-BZ#196	MG/KG	0.0028	0.0010	0.00073	0.0015	0.0029
C18-BZ#197	MG/KG	0.0020 U	0.00021 J	0.00017 J	0.00027 J	0.0014 U
C18-BZ#199	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C18-BZ#201	MG/KG	0.0052	0.0028	0.0017	0.0040	0.0057
C18-BZ#202	MG/KG	0.0021	0.0013	0.0010	0.0017	0.0024
C18-BZ#203	MG/KG	0.0023	0.0013	0.00079	0.0025	0.0054
C18-BZ#204/#200	MG/KG	0.0040 U	0.00067 J	0.00048 J	0.00084	0.0028 U
C18-BZ#205	MG/KG	0.0020 U	0.00035 U	0.00034 U	0.00037 U	0.0014 U
C19-BZ#206	MG/KG	0.0040	0.0021	0.0020	0.0032	0.0041
C19-BZ#207	MG/KG	0.0020 U	0.00035 J	0.00035	0.00048	0.0014 U
C19-BZ#208	MG/KG	0.0020	0.0012	0.0010	0.0013	0.0020
C110-BZ#209	MG/KG	0.0022	0.0017	0.0017	0.0020	0.0017

TABLE 10b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	A3-A-SB-FF	A3-B-SB-FF	A3-C-SB-FF	A3-D-SB-FF	A3-E-SB-FF
	Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
	Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
	Area	3	3	3	3	3
	Station	Station A	Station B	Station C	Station D	Station E
	Sample Date	6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
	Units					
Lipids	PERCENT	1.1	3.1	1.9	1.7	3.0
Total PCB Congeners ¹	MG/KG	1.2 J4	0.42 J3	0.21 J3	0.15 J3	0.54 J3
Total PCB Congeners Hits ²	MG/KG	1.2	0.41	0.20	0.14	0.53
Total NOAA Congeners ³	MG/KG	0.48 J4	0.19 J4	0.096 J4	0.061 J4	0.25 J4
Total WHO Congeners ⁴	MG/KG	0.047 J3	0.045 J3	0.017 J3	0.011 J3	0.055 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.49 J4	0.20 J4	0.10 J4	0.065 J3	0.27 J4
C11-BZ#1	MG/KG	0.00067	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C11-BZ#3	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#4/#10	MG/KG	0.016 J	0.00072 U	0.00077 U	0.00078 U	0.00076 U
C12-BZ#5	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#6	MG/KG	0.031 J	0.00027 J	0.00039 U	0.00039 U	0.00023 J
C12-BZ#7	MG/KG	0.00083 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#8	MG/KG	0.029 J	0.00035 J	0.00025 J	0.00039 U	0.00035 J
C12-BZ#12	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C12-BZ#13	MG/KG	0.00099	0.00072 U	0.00077 U	0.00078 U	0.00076 U
C12-BZ#15	MG/KG	0.0017 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#16	MG/KG	0.0031 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#17	MG/KG	0.035 J	0.00086	0.00055	0.00046	0.0011
C13-BZ#18	MG/KG	0.076 J	0.0015	0.00094	0.00084	0.0017
C13-BZ#19	MG/KG	0.0099 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#21/#20	MG/KG	0.0028 J	0.00072 U	0.00077 U	0.00078 U	0.00076 U
C13-BZ#22	MG/KG	0.0062 J	0.00062	0.00036 J	0.00037 J	0.00081
C13-BZ#24	MG/KG	0.00021 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#25	MG/KG	0.044 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#26	MG/KG	0.071 J-	0.0020	0.00086	0.00080	0.0030
C13-BZ#27	MG/KG	0.018 J	0.00031 J	0.00022 J	0.00039 U	0.00034 J
C13-BZ#28	MG/KG	0.068 J-	0.0032	0.0022	0.0017	0.0059
C13-BZ#29	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C13-BZ#31	MG/KG	0.066 J-	0.0035	0.0026	0.0015	0.0043
C13-BZ#32	MG/KG	0.025 J	0.00067	0.00050	0.00039 J	0.00083
C13-BZ#33	MG/KG	0.0014 J	0.00036 U	0.00039 U	0.00039 U	0.00067
C13-BZ#37	MG/KG	0.00089 J	0.00036 U	0.00039 U	0.00039 U	0.00047
C14-BZ#40	MG/KG	0.0018 J	0.00051	0.00026 J	0.00033 J	0.00060
C14-BZ#41	MG/KG	0.00021 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C14-BZ#42	MG/KG	0.0073 J	0.0019	0.00082	0.00085	0.0028
C14-BZ#43	MG/KG	0.00049	0.00036 U	0.00039 U	0.00039 U	0.00021 J
C14-BZ#44	MG/KG	0.020 J	0.0032	0.0016	0.0019	0.0050
C14-BZ#45	MG/KG	0.0027 J	0.00027 J	0.00021 J	0.00039 U	0.00043
C14-BZ#47	MG/KG	0.022 J	0.0065	0.0018	0.0021	0.0078
C14-BZ#48	MG/KG	0.0014 J	0.00049	0.00032 J	0.00027 J	0.00080
C14-BZ#49	MG/KG	0.080 J	0.014	0.0043	0.0048	0.019
C14-BZ#50	MG/KG	0.00029 J	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C14-BZ#51	MG/KG	0.0066 J	0.00036	0.00039 U	0.00039 U	0.00050
C14-BZ#52	MG/KG	0.088 J	0.011	0.0042	0.0045	0.017
C14-BZ#53	MG/KG	0.018 J	0.00074	0.00043	0.00041	0.00094
C14-BZ#54	MG/KG	0.00046	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C14-BZ#56	MG/KG	0.0026 J	0.0015	0.00062	0.00056	0.0021

TABLE 10b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	A3-A-SB-FF	A3-B-SB-FF	A3-C-SB-FF	A3-D-SB-FF	A3-E-SB-FF
	Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
Species Type		Tissue	Tissue	Tissue	Tissue	Tissue
Area		3	3	3	3	3
Station		Station A	Station B	Station C	Station D	Station E
Sample Date		6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Units						
C14-BZ#60	MG/KG	0.0010 J	0.00068	0.00031 J	0.00023 J	0.00092
C14-BZ#63	MG/KG	0.0014 J	0.00087	0.00025 J	0.00023 J	0.0011
C14-BZ#66	MG/KG	0.0093 J	0.0075	0.0028	0.0028	0.011
C14-BZ#68/#64	MG/KG	0.012 J	0.0028	0.0010	0.0011	0.0039
C14-BZ#70	MG/KG	0.0052 J	0.0036	0.0018	0.0018	0.0052
C14-BZ#71	MG/KG	0.013 J	0.0017	0.00093	0.00098	0.0024
C14-BZ#73/#46	MG/KG	0.0030 J	0.00072 U	0.00077 U	0.00078 U	0.00076 U
C14-BZ#74	MG/KG	0.0072 J	0.0048	0.0015	0.0015	0.0060
C14-BZ#76	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C14-BZ#77	MG/KG	0.00039	0.00024 J	0.00039 U	0.00039 U	0.00031 J
C14-BZ#81	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C15-BZ#82	MG/KG	0.00067 J	0.00091	0.00042	0.00039	0.00086
C15-BZ#83/#125/#112	MG/KG	0.0011 J	0.00068 J	0.0012 U	0.0012 U	0.00090 J
C15-BZ#85	MG/KG	0.0028 J	0.0036	0.0014	0.0011	0.0050
C15-BZ#87/#111	MG/KG	0.0031 J	0.0031	0.0014	0.0011	0.0042
C15-BZ#89/#84	MG/KG	0.0044 J	0.0012	0.00087	0.00096	0.0017
C15-BZ#91	MG/KG	0.0090 J	0.0047	0.0013	0.0014	0.0057
C15-BZ#92	MG/KG	0.0083 J	0.0064	0.0019	0.0018	0.0072
C15-BZ#97	MG/KG	0.0078 J	0.0086	0.0027	0.0022	0.010
C15-BZ#99	MG/KG	0.029 J	0.033	0.0095	0.0063	0.037
C15-BZ#100	MG/KG	0.0012 J	0.0012	0.00031 J	0.00022 J	0.00083
C15-BZ#101/#90	MG/KG	0.034 J	0.031	0.010	0.0082	0.038
C15-BZ#104	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C15-BZ#105	MG/KG	0.0038 J	0.0037	0.0016	0.0011	0.0053
C15-BZ#107/#123	MG/KG	0.0036 J	0.0034	0.0014	0.00088	0.0045
C15-BZ#110	MG/KG	0.022 J	0.015	0.0051	0.0050	0.021
C15-BZ#114	MG/KG	0.0016 J	0.0012	0.00049	0.00037 J	0.0014
C15-BZ#118	MG/KG	0.030 J	0.030	0.0098	0.0062	0.037
C15-BZ#119	MG/KG	0.0033 J	0.0035	0.00064	0.00055	0.0030
C15-BZ#121/#95/#88	MG/KG	0.015 J	0.0059	0.0025	0.0028	0.0076
C15-BZ#124	MG/KG	0.00047	0.00044	0.00021 J	0.00039 U	0.00057
C15-BZ#126	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C16-BZ#128	MG/KG	0.0056 J	0.0049	0.0023	0.0013	0.0072
C16-BZ#129/#158	MG/KG	0.0037 J	0.0038	0.0014	0.00060 J	0.0040
C16-BZ#130/#164	MG/KG	0.0027 J	0.0023	0.0011	0.00083	0.0032
C16-BZ#131	MG/KG	0.00022 J	0.00021 J	0.00039 U	0.00039 U	0.00026 J
C16-BZ#132	MG/KG	0.0023 J	0.0024	0.0015	0.0013	0.0037
C16-BZ#134	MG/KG	0.00073 J	0.00063	0.00026 J	0.00031 J	0.00085
C16-BZ#135	MG/KG	0.0015 J	0.0011	0.00075	0.00072	0.0017
C16-BZ#136	MG/KG	0.0019 J	0.0013	0.00054	0.00059	0.0017
C16-BZ#137	MG/KG	0.0014 J	0.0013	0.00057	0.00038 J	0.0014
C16-BZ#138	MG/KG	0.027 J	0.022	0.011	0.0065	0.031
C16-BZ#141	MG/KG	0.0018 J	0.0016	0.00080	0.00071	0.0018
C16-BZ#144	MG/KG	0.00056	0.00055	0.00036 J	0.00027 J	0.00068
C16-BZ#146	MG/KG	0.011 J	0.0090	0.0049	0.0028	0.012
C16-BZ#147/#149	MG/KG	0.017 J	0.016	0.0066	0.0056	0.021
C16-BZ#151	MG/KG	0.0046 J	0.0041	0.0021	0.0016	0.0048
C16-BZ#153	MG/KG	0.060 J-	0.047	0.024	0.013	0.062
C16-BZ#154	MG/KG	0.0021 J	0.0023	0.0011	0.00066	0.0024
C16-BZ#155	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U

TABLE 10b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	A3-A-SB-FF	A3-B-SB-FF	A3-C-SB-FF	A3-D-SB-FF	A3-E-SB-FF
	Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
	Species Type	Tissue	Tissue	Tissue	Tissue	Tissue
	Area	3	3	3	3	3
	Station	Station A	Station B	Station C	Station D	Station E
Sample Date	6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	
Units						
C16-BZ#156	MG/KG	0.0032 J	0.0026	0.0012	0.0010	0.0032
C16-BZ#157	MG/KG	0.00094 J	0.00060	0.00035 J	0.00026 J	0.00096
C16-BZ#163/#160	MG/KG	0.012 J	0.0094	0.0045	0.0028	0.011
C16-BZ#167	MG/KG	0.0020 J	0.0017	0.0012	0.00062	0.0021
C16-BZ#168	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C16-BZ#169	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#170	MG/KG	0.0045 J	0.0032	0.0023	0.0013	0.0045
C17-BZ#171	MG/KG	0.0013 J	0.0010	0.00081	0.00063	0.0014
C17-BZ#172	MG/KG	0.00079 J	0.00067	0.00058	0.00043	0.00083
C17-BZ#173	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#174	MG/KG	0.0011 J	0.0011	0.00089	0.00071	0.0014
C17-BZ#176	MG/KG	0.00026 J	0.00030 J	0.00025 J	0.00024 J	0.00045
C17-BZ#177	MG/KG	0.0021 J	0.0018	0.0016	0.0011	0.0026
C17-BZ#178	MG/KG	0.0017 J	0.0014	0.0013	0.00085	0.0018
C17-BZ#180	MG/KG	0.0082 J	0.0058	0.0055	0.0031	0.0080
C17-BZ#182/#175	MG/KG	0.00076 U	0.00072 U	0.00077 U	0.00078 U	0.00046 J
C17-BZ#183	MG/KG	0.0030 J	0.0025	0.0026	0.0013	0.0034
C17-BZ#184	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#185	MG/KG	0.00038 U	0.00036 U	0.00024 J	0.00039 U	0.00030 J
C17-BZ#187	MG/KG	0.011 J	0.0090	0.0085	0.0047	0.012
C17-BZ#188	MG/KG	0.00038 U	0.00036 U	0.00022 J	0.00039 U	0.00038 U
C17-BZ#189	MG/KG	0.00039	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C17-BZ#190	MG/KG	0.00068	0.00063	0.00054	0.00034 J	0.00083
C17-BZ#191	MG/KG	0.00022 J	0.00019 J	0.00039 U	0.00039 U	0.00023 J
C17-BZ#193	MG/KG	0.00086	0.00050	0.00056	0.00022 J	0.00074
C18-BZ#194	MG/KG	0.0022 J	0.0016	0.0019	0.0011	0.0025
C18-BZ#195	MG/KG	0.00053	0.00041	0.00044	0.00035 J	0.00076
C18-BZ#196	MG/KG	0.0014 J	0.00095	0.0014	0.00049	0.0014
C18-BZ#197	MG/KG	0.00025 J	0.00020 J	0.00027 J	0.00039 U	0.00029 J
C18-BZ#199	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C18-BZ#201	MG/KG	0.0029 J	0.0023	0.0037	0.0014	0.0032
C18-BZ#202	MG/KG	0.0012 J	0.0012	0.0021	0.00073	0.0016
C18-BZ#203	MG/KG	0.0015 J	0.0012	0.0017	0.00076	0.0015
C18-BZ#204/#200	MG/KG	0.00060 J	0.00053 J	0.00078	0.00078 U	0.00075 J
C18-BZ#205	MG/KG	0.00038 U	0.00036 U	0.00039 U	0.00039 U	0.00038 U
C19-BZ#206	MG/KG	0.0019 J	0.0024	0.0042	0.0016	0.0031
C19-BZ#207	MG/KG	0.00039	0.00042	0.00062	0.00027 J	0.00049
C19-BZ#208	MG/KG	0.00094 J	0.0012	0.0023	0.00088	0.0015
C110-BZ#209	MG/KG	0.0013 J	0.0020	0.0037	0.0015	0.0026

TABLE 11a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	A1-A-SB-SC	A1-B-SB-SC	A1-C-SB-SC	A1-D-SB-SC	A1-E-SB-SC
		Striped Bass Stomach Content 1 Station A 6/26/2019	Striped Bass Stomach Content 1 Station B 6/26/2019	Striped Bass Stomach Content 1 Station C 6/26/2019	Striped Bass Stomach Content 1 Station D 6/26/2019	Striped Bass Stomach Content 1 Station E 6/26/2019
Lipids	PERCENT	1.7	1.6	1.5	1.3	1.4
Total PCB Congeners ¹	MG/KG	1.5 J4	0.21 J3	0.60 J4	0.72 J4	4.6 J4
Total PCB Congeners Hits ²	MG/KG	1.5	0.21	0.60	0.72	4.6
Total NOAA Congeners ³	MG/KG	0.54 J4	0.079 J4	0.22 J4	0.25 J4	1.6 J4
Total WHO Congeners ⁴	MG/KG	0.068 J3	0.0095 J2	0.030 J3	0.025 J3	0.13 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.55 J4	0.082 J3	0.23 J4	0.26 J4	1.6 J4
C11-BZ#1	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00020 J	0.00076 U
C11-BZ#3	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C12-BZ#4/#10	MG/KG	0.0047	0.0022	0.0022	0.0042	0.0022
C12-BZ#5	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C12-BZ#6	MG/KG	0.0093	0.0033	0.0036	0.0068	0.0048
C12-BZ#7	MG/KG	0.00026 J	0.00038 U	0.00036 U	0.00022 J	0.00076 U
C12-BZ#8	MG/KG	0.0091	0.0041	0.0037	0.0082	0.0052
C12-BZ#12	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C12-BZ#13	MG/KG	0.00070 J	0.00056 J	0.00059 J	0.00058 J	0.0015 U
C12-BZ#15	MG/KG	0.00076	0.00059	0.00061	0.00075	0.00061 J
C13-BZ#16	MG/KG	0.0021	0.00050	0.0011	0.0011	0.0029
C13-BZ#17	MG/KG	0.019	0.0038	0.0077	0.010	0.052
C13-BZ#18	MG/KG	0.038	0.0079	0.016	0.020	0.083
C13-BZ#19	MG/KG	0.0031	0.00097	0.0012	0.0020	0.0018
C13-BZ#21/#20	MG/KG	0.0029	0.00055 J	0.0013	0.0015	0.0078
C13-BZ#22	MG/KG	0.0078	0.0024	0.0035	0.0078	0.032
C13-BZ#24	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C13-BZ#25	MG/KG	0.038	0.0060	0.016	0.020	0.14
C13-BZ#26	MG/KG	0.059	0.0089	0.023	0.028	0.22
C13-BZ#27	MG/KG	0.008	0.0017	0.0032	0.0043	0.015
C13-BZ#28	MG/KG	0.072	0.010	0.027	0.038	0.31
C13-BZ#29	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C13-BZ#31	MG/KG	0.061	0.0098	0.026	0.029	0.21
C13-BZ#32	MG/KG	0.014	0.0028	0.0060	0.0076	0.042
C13-BZ#33	MG/KG	0.0019	0.00036 J	0.00036 U	0.00092	0.0047
C13-BZ#37	MG/KG	0.0013	0.00033 J	0.00060	0.00069	0.0036
C14-BZ#40	MG/KG	0.0026	0.00045	0.0011	0.0014	0.0078
C14-BZ#41	MG/KG	0.00042	0.00038 U	0.00019 J	0.00023 J	0.00068 J
C14-BZ#42	MG/KG	0.014	0.0016	0.0057	0.0072	0.059
C14-BZ#43	MG/KG	0.00076	0.00038 U	0.00035 J	0.00036 J	0.0023
C14-BZ#44	MG/KG	0.032	0.0036	0.014	0.016	0.12
C14-BZ#45	MG/KG	0.0025	0.00040	0.0012	0.0013	0.0086
C14-BZ#47	MG/KG	0.040	0.0042	0.014	0.021	0.17
C14-BZ#48	MG/KG	0.0030	0.00036 J	0.0011	0.0015	0.0097
C14-BZ#49	MG/KG	0.14	0.014	0.050	0.070	0.59
C14-BZ#50	MG/KG	0.00028 J	0.00038 U	0.00036 U	0.00039 U	0.0011
C14-BZ#51	MG/KG	0.0064	0.00076	0.0023	0.0032	0.032
C14-BZ#52	MG/KG	0.13	0.014	0.052	0.066	0.53
C14-BZ#53	MG/KG	0.015	0.0020	0.0056	0.007	0.055
C14-BZ#54	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C14-BZ#56	MG/KG	0.0065	0.00078	0.0024	0.0032	0.018

TABLE 11a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	A1-A-SB-SC	A1-B-SB-SC	A1-C-SB-SC	A1-D-SB-SC	A1-E-SB-SC
		Striped Bass Stomach Content 1 Station A 6/26/2019	Striped Bass Stomach Content 1 Station B 6/26/2019	Striped Bass Stomach Content 1 Station C 6/26/2019	Striped Bass Stomach Content 1 Station D 6/26/2019	Striped Bass Stomach Content 1 Station E 6/26/2019
C14-BZ#60	MG/KG	0.0033	0.00037 J	0.0016	0.0021	0.0094
C14-BZ#63	MG/KG	0.0026	0.00027 J	0.0010	0.0014	0.0077
C14-BZ#66	MG/KG	0.024	0.0026	0.011	0.012	0.063
C14-BZ#68/#64	MG/KG	0.022	0.0026	0.0096	0.013	0.084
C14-BZ#70	MG/KG	0.016	0.0017	0.0072	0.0073	0.038
C14-BZ#71	MG/KG	0.019	0.0023	0.0071	0.010	0.10
C14-BZ#73/#46	MG/KG	0.0024	0.00076 U	0.0010	0.0013	0.0073
C14-BZ#74	MG/KG	0.018	0.0021	0.0073	0.0095	0.062
C14-BZ#76	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C14-BZ#77	MG/KG	0.00072	0.00038 U	0.00036 U	0.00025 J	0.00092
C14-BZ#81	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C15-BZ#82	MG/KG	0.0016	0.00026 J	0.00074	0.00080	0.0030
C15-BZ#83/#125/#112	MG/KG	0.0022	0.0011 U	0.0012	0.0011 J	0.0063
C15-BZ#85	MG/KG	0.0051	0.00081	0.0024	0.0022	0.011
C15-BZ#87/#111	MG/KG	0.0070	0.00087	0.0033	0.0029	0.013
C15-BZ#89/#84	MG/KG	0.0097	0.0012	0.0044	0.0050	0.030
C15-BZ#91	MG/KG	0.022	0.0021	0.0085	0.012	0.083
C15-BZ#92	MG/KG	0.016	0.0018	0.0060	0.0076	0.044
C15-BZ#97	MG/KG	0.019	0.0024	0.0080	0.0092	0.058
C15-BZ#99	MG/KG	0.056	0.0082	0.022	0.025	0.16
C15-BZ#100	MG/KG	0.0025	0.00044	0.00083	0.0013	0.010
C15-BZ#101/#90	MG/KG	0.065	0.0081	0.027	0.031	0.19
C15-BZ#104	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C15-BZ#105	MG/KG	0.0065	0.00098	0.0034	0.0028	0.011
C15-BZ#107/#123	MG/KG	0.0043	0.00068 J	0.0019	0.0016	0.0085
C15-BZ#110	MG/KG	0.059	0.0058	0.027	0.032	0.18
C15-BZ#114	MG/KG	0.0018	0.00028 J	0.00073	0.00071	0.0039
C15-BZ#118	MG/KG	0.047	0.0059	0.020	0.017	0.094
C15-BZ#119	MG/KG	0.0076	0.0011	0.0024	0.0040	0.028
C15-BZ#121/#95/#88	MG/KG	0.031	0.0031	0.014	0.016	0.096
C15-BZ#124	MG/KG	0.0011	0.00038 U	0.00056	0.00044	0.0023
C15-BZ#126	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C16-BZ#128	MG/KG	0.0061	0.00099	0.0030	0.0024	0.011
C16-BZ#129/#158	MG/KG	0.0053	0.00089	0.0023	0.0023	0.013
C16-BZ#130/#164	MG/KG	0.0043	0.00055 J	0.0021	0.0018	0.0083
C16-BZ#131	MG/KG	0.00046	0.00038 U	0.00021 J	0.00029 J	0.0014
C16-BZ#132	MG/KG	0.0057	0.00064	0.0031	0.0021	0.0086
C16-BZ#134	MG/KG	0.0021	0.00038 U	0.00090	0.00095	0.0053
C16-BZ#135	MG/KG	0.0038	0.00034 J	0.0019	0.0016	0.0074
C16-BZ#136	MG/KG	0.0048	0.00051	0.0018	0.0022	0.014
C16-BZ#137	MG/KG	0.0018	0.00039	0.00092	0.00083	0.0037
C16-BZ#138	MG/KG	0.025	0.0044	0.011	0.0089	0.042
C16-BZ#141	MG/KG	0.0025	0.00039	0.0013	0.0010	0.0049
C16-BZ#144	MG/KG	0.00075	0.00038 U	0.00036	0.00034 J	0.0016
C16-BZ#146	MG/KG	0.010	0.0019	0.0044	0.0038	0.020
C16-BZ#147/#149	MG/KG	0.039	0.0042	0.017	0.017	0.096
C16-BZ#151	MG/KG	0.0066	0.0010	0.0025	0.0029	0.016
C16-BZ#153	MG/KG	0.056	0.010	0.024	0.020	0.11
C16-BZ#154	MG/KG	0.0032	0.00071	0.0011	0.0016	0.0097
C16-BZ#155	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U

TABLE 11a - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 1 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	A1-A-SB-SC	A1-B-SB-SC	A1-C-SB-SC	A1-D-SB-SC	A1-E-SB-SC
		Striped Bass Stomach Content 1 Station A 6/26/2019	Striped Bass Stomach Content 1 Station B 6/26/2019	Striped Bass Stomach Content 1 Station C 6/26/2019	Striped Bass Stomach Content 1 Station D 6/26/2019	Striped Bass Stomach Content 1 Station E 6/26/2019
C16-BZ#156	MG/KG	0.0043	0.00038 U	0.0023	0.00039 U	0.00076 U
C16-BZ#157	MG/KG	0.00099	0.00038 U	0.00047	0.00039 U	0.0021
C16-BZ#163/#160	MG/KG	0.012	0.0021	0.0054	0.0053	0.029
C16-BZ#167	MG/KG	0.0023	0.00038	0.00095	0.00093	0.0047
C16-BZ#168	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C16-BZ#169	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#170	MG/KG	0.0037	0.00088	0.0019	0.0017	0.0084
C17-BZ#171	MG/KG	0.0013	0.00036 J	0.00056	0.00062	0.0024
C17-BZ#172	MG/KG	0.00063	0.00025 J	0.00042	0.00034 J	0.0014
C17-BZ#173	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#174	MG/KG	0.0018	0.00039	0.00097	0.00073	0.0026
C17-BZ#176	MG/KG	0.00030 J	0.00038 U	0.00022 J	0.00039 U	0.00065 J
C17-BZ#177	MG/KG	0.0020	0.00048	0.0010	0.00076	0.0031
C17-BZ#178	MG/KG	0.0014	0.00038 J	0.00070	0.00061	0.0025
C17-BZ#180	MG/KG	0.0061	0.0016	0.0030	0.0029	0.012
C17-BZ#182/#175	MG/KG	0.00079 U	0.00076 U	0.00072 U	0.00077 U	0.0015 U
C17-BZ#183	MG/KG	0.0026	0.00070	0.0013	0.0011	0.0050
C17-BZ#184	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#185	MG/KG	0.00021 J	0.00038 U	0.00036 U	0.00039 U	0.00058 J
C17-BZ#187	MG/KG	0.0087	0.0023	0.0044	0.0037	0.017
C17-BZ#188	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#189	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#190	MG/KG	0.00077	0.00024 J	0.00037	0.00059	0.0018
C17-BZ#191	MG/KG	0.00022 J	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C17-BZ#193	MG/KG	0.00061	0.00038 U	0.00024 J	0.00024 J	0.0012
C18-BZ#194	MG/KG	0.0015	0.00049	0.00071	0.00064	0.0025
C18-BZ#195	MG/KG	0.00053	0.00038 U	0.00029 J	0.00039 U	0.00084
C18-BZ#196	MG/KG	0.00075	0.00034 J	0.00043	0.00038 J	0.0014
C18-BZ#197	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C18-BZ#199	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C18-BZ#201	MG/KG	0.0024	0.00070	0.0010	0.00095	0.0030
C18-BZ#202	MG/KG	0.0012	0.00032 J	0.00053	0.00043	0.00093
C18-BZ#203	MG/KG	0.00098	0.00025 J	0.00066	0.00046	0.0017
C18-BZ#204/#200	MG/KG	0.00049 J	0.00076 U	0.00072 U	0.00077 U	0.0015 U
C18-BZ#205	MG/KG	0.00039 U	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C19-BZ#206	MG/KG	0.0022	0.00078	0.00088	0.00077	0.0023
C19-BZ#207	MG/KG	0.00037 J	0.00038 U	0.00036 U	0.00039 U	0.00076 U
C19-BZ#208	MG/KG	0.0011	0.00038 J	0.00053	0.00032 J	0.00093
C110-BZ#209	MG/KG	0.0017	0.00084	0.00085	0.00057	0.0012

TABLE 11b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	A3-A-SB-SC	A3-B-SB-SC	A3-C-SB-SC	A3-D-SB-SC	A3-E-SB-SC
		Striped Bass Stomach Content 3 Station A 6/27/2019	Striped Bass Stomach Content 3 Station B 6/28/2019	Striped Bass Stomach Content 3 Station C 6/28/2019	Striped Bass Stomach Content 3 Station D 6/28/2019	Striped Bass Stomach Content 3 Station E 6/28/2019
Lipids	PERCENT	1.4	4.2	1.2	1.5	1.5
Total PCB Congeners ¹	MG/KG	0.26 J2	0.87 J4	0.13 J3	0.17 J3	0.17 J3
Total PCB Congeners Hits ²	MG/KG	0.14	0.86	0.12	0.16	0.16
Total NOAA Congeners ³	MG/KG	0.070 J3	0.39 J4	0.055 J4	0.067 J4	0.073 J4
Total WHO Congeners ⁴	MG/KG	0.017 J1	0.091 J4	0.013 J3	0.014 J3	0.016 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.081 J2	0.41 J4	0.060 J3	0.072 J3	0.077 J3
C11-BZ#1	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C11-BZ#3	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C12-BZ#4/#10	MG/KG	0.0025 J	0.00058 J	0.00071 U	0.00074 U	0.00076 U
C12-BZ#5	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C12-BZ#6	MG/KG	0.0043	0.00052	0.00036 U	0.00036 J	0.00038 U
C12-BZ#7	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C12-BZ#8	MG/KG	0.0056	0.00070	0.00036 U	0.00038	0.00038 U
C12-BZ#12	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C12-BZ#13	MG/KG	0.0042 U	0.00080 U	0.00071 U	0.00074 U	0.00076 U
C12-BZ#15	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C13-BZ#16	MG/KG	0.0021 U	0.0013	0.00036 U	0.00038	0.00038 U
C13-BZ#17	MG/KG	0.0049	0.0017	0.00028 J	0.00090	0.00037 J
C13-BZ#18	MG/KG	0.0097	0.0029	0.00049	0.0019	0.00053
C13-BZ#19	MG/KG	0.0014 J	0.00034 J	0.00036 U	0.00020 J	0.00038 U
C13-BZ#21/#20	MG/KG	0.0042 U	0.00080 U	0.00071 U	0.00074 U	0.00076 U
C13-BZ#22	MG/KG	0.0023	0.0011	0.00036 U	0.00072	0.00043
C13-BZ#24	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C13-BZ#25	MG/KG	0.0080	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C13-BZ#26	MG/KG	0.0086	0.0039	0.00082	0.0027	0.00098
C13-BZ#27	MG/KG	0.0025	0.00062	0.00036 U	0.00043	0.00038 U
C13-BZ#28	MG/KG	0.0087	0.0065	0.0013	0.0034	0.0018
C13-BZ#29	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C13-BZ#31	MG/KG	0.0081	0.0053	0.0013	0.0038	0.0016
C13-BZ#32	MG/KG	0.0034	0.0014	0.00023 J	0.00073	0.00038
C13-BZ#33	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C13-BZ#37	MG/KG	0.0021 U	0.0013	0.00036 U	0.0002 J	0.00038 U
C14-BZ#40	MG/KG	0.0021 U	0.00085	0.00036 U	0.00027 J	0.00038 U
C14-BZ#41	MG/KG	0.0021 U	0.00025 J	0.00036 U	0.00037 U	0.00038 U
C14-BZ#42	MG/KG	0.0013 J	0.0036	0.00059	0.0012	0.00084
C14-BZ#43	MG/KG	0.0021 U	0.00021 J	0.00036 U	0.00037 U	0.00038 U
C14-BZ#44	MG/KG	0.0027	0.0067	0.0011	0.0027	0.0016
C14-BZ#45	MG/KG	0.0021 U	0.00052	0.00036 U	0.00028 J	0.00038 U
C14-BZ#47	MG/KG	0.0028	0.014	0.0014	0.0026	0.0024
C14-BZ#48	MG/KG	0.0021 U	0.0011	0.00036 U	0.00027 J	0.00023 J
C14-BZ#49	MG/KG	0.0093	0.030	0.0038	0.0085	0.0057
C14-BZ#50	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C14-BZ#51	MG/KG	0.0021 U	0.00068	0.00036 U	0.00029 J	0.00038 U
C14-BZ#52	MG/KG	0.011	0.023	0.0036	0.0089	0.0052
C14-BZ#53	MG/KG	0.0023	0.0014	0.00033 J	0.00079	0.00037 J
C14-BZ#54	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C14-BZ#56	MG/KG	0.0021 U	0.0034	0.00042	0.00073	0.00071

TABLE 11b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 3 - 2019

Sample# Species Species Type Area Station Sample Date		A3-A-SB-SC Striped Bass Stomach Content 3 Station A 6/27/2019	A3-B-SB-SC Striped Bass Stomach Content 3 Station B 6/28/2019	A3-C-SB-SC Striped Bass Stomach Content 3 Station C 6/28/2019	A3-D-SB-SC Striped Bass Stomach Content 3 Station D 6/28/2019	A3-E-SB-SC Striped Bass Stomach Content 3 Station E 6/28/2019
Parameter	Units					
C14-BZ#60	MG/KG	0.0021 U	0.0013	0.00018 J	0.00031 J	0.00036 J
C14-BZ#63	MG/KG	0.0021 U	0.0017	0.00036 U	0.00033 J	0.00027 J
C14-BZ#66	MG/KG	0.0015 J	0.015	0.0020	0.0034	0.0034
C14-BZ#68/#64	MG/KG	0.0042 U	0.0055	0.00081	0.0015	0.0012
C14-BZ#70	MG/KG	0.0021 U	0.0073	0.0015	0.0026	0.0016
C14-BZ#71	MG/KG	0.0020 J	0.0034	0.00058	0.0012	0.00071
C14-BZ#73/#46	MG/KG	0.0042 U	0.00080 U	0.00071 U	0.00074 U	0.00076 U
C14-BZ#74	MG/KG	0.0011 J	0.0099	0.00095	0.0017	0.0019
C14-BZ#76	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C14-BZ#77	MG/KG	0.0021 U	0.00051	0.00036 U	0.00028 J	0.00038 U
C14-BZ#81	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C15-BZ#82	MG/KG	0.0021 U	0.0014	0.00036 U	0.00047	0.00039
C15-BZ#83/#125/#112	MG/KG	0.0063 U	0.0012	0.0011 U	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.0021 U	0.0075	0.0011	0.0012	0.0016
C15-BZ#87/#111	MG/KG	0.0042 U	0.0067	0.00088	0.0013	0.0013
C15-BZ#89/#84	MG/KG	0.0042 U	0.0026	0.00080	0.0013	0.00083
C15-BZ#91	MG/KG	0.0017 J	0.0099	0.0014	0.0021	0.0018
C15-BZ#92	MG/KG	0.0013 J	0.014	0.0018	0.0023	0.0022
C15-BZ#97	MG/KG	0.0018 J	0.018	0.0021	0.0027	0.0032
C15-BZ#99	MG/KG	0.0041	0.071	0.0074	0.0081	0.012
C15-BZ#100	MG/KG	0.0021 U	0.0023	0.00036 U	0.00023 J	0.00042
C15-BZ#101/#90	MG/KG	0.0045	0.067	0.008	0.0092	0.012
C15-BZ#104	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C15-BZ#105	MG/KG	0.0021 U	0.0074	0.00093	0.0014	0.0016
C15-BZ#107/#123	MG/KG	0.0042 U	0.0069	0.00092	0.00094	0.0013
C15-BZ#110	MG/KG	0.0034	0.032	0.0051	0.0078	0.0067
C15-BZ#114	MG/KG	0.0021 U	0.0024	0.00055	0.00037 J	0.00051
C15-BZ#118	MG/KG	0.0042	0.062	0.0071	0.0081	0.010
C15-BZ#119	MG/KG	0.0021 U	0.0074	0.00066	0.00074	0.00092
C15-BZ#121/#95/#88	MG/KG	0.0063 U	0.012	0.0021	0.0040	0.0024
C15-BZ#124	MG/KG	0.0021 U	0.00086	0.00036 U	0.00025 J	0.00038 U
C15-BZ#126	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C16-BZ#128	MG/KG	0.0011 J	0.010	0.0015	0.0016	0.0021
C16-BZ#129/#158	MG/KG	0.0042 U	0.0076	0.00081	0.00078	0.0013
C16-BZ#130/#164	MG/KG	0.0042 U	0.0049	0.00082	0.00086	0.0010
C16-BZ#131	MG/KG	0.0021 U	0.00041	0.00036 U	0.00037 U	0.00038 U
C16-BZ#132	MG/KG	0.0021 U	0.0051	0.0012	0.0016	0.0012
C16-BZ#134	MG/KG	0.0021 U	0.0011	0.00022 J	0.00036 J	0.00029 J
C16-BZ#135	MG/KG	0.0021 U	0.0023	0.00063	0.00084	0.00052
C16-BZ#136	MG/KG	0.0021 U	0.0030	0.00037	0.00066	0.00054
C16-BZ#137	MG/KG	0.0021 U	0.0027	0.00038	0.00034 J	0.00047
C16-BZ#138	MG/KG	0.0042	0.044	0.0061	0.0065	0.0088
C16-BZ#141	MG/KG	0.0021 U	0.0035	0.00042	0.00052	0.00061
C16-BZ#144	MG/KG	0.0021 U	0.0012	0.00036 U	0.00019 J	0.00021 J
C16-BZ#146	MG/KG	0.0017 J	0.019	0.0026	0.0025	0.0033
C16-BZ#147/#149	MG/KG	0.0025 J	0.033	0.0053	0.0067	0.0058
C16-BZ#151	MG/KG	0.0021 U	0.0091	0.0010	0.0013	0.0014
C16-BZ#153	MG/KG	0.0085	0.099	0.014	0.012	0.017
C16-BZ#154	MG/KG	0.0021 U	0.0049	0.00051	0.00051	0.00073
C16-BZ#155	MG/KG	0.0021 U	0.00022 J	0.00036 U	0.00037 U	0.00038 U

TABLE 11b - SUMMARY OF SAMPLE DATA FOR STRIPED BASS STOMACH CONTENT (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample#	A3-A-SB-SC	A3-B-SB-SC	A3-C-SB-SC	A3-D-SB-SC	A3-E-SB-SC
	Species	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
	Species Type	Stomach Content	Stomach Content	Stomach Content	Stomach Content	Stomach Content
	Area	3	3	3	3	3
	Station	Station A	Station B	Station C	Station D	Station E
	Sample Date	6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
	Units					
C16-BZ#156	MG/KG	0.0021 U	0.0061	0.0017 J	0.0013	0.00038 U
C16-BZ#157	MG/KG	0.0021 U	0.0012	0.00032 J	0.00040	0.00044
C16-BZ#163/#160	MG/KG	0.0042 U	0.022	0.0027	0.0025	0.0032
C16-BZ#167	MG/KG	0.0021 U	0.0035	0.00057	0.00057	0.00063
C16-BZ#168	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C16-BZ#169	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C17-BZ#170	MG/KG	0.0021 U	0.0066	0.0011	0.0013	0.0012
C17-BZ#171	MG/KG	0.0021 U	0.0021	0.00030 J	0.00037 J	0.00048
C17-BZ#172	MG/KG	0.0021 U	0.0012	0.00027 J	0.00024 J	0.00033 J
C17-BZ#173	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C17-BZ#174	MG/KG	0.0021 U	0.0022	0.00053	0.00074	0.00054
C17-BZ#176	MG/KG	0.0021 U	0.00063	0.00036 U	0.00037 U	0.00038 U
C17-BZ#177	MG/KG	0.0021 U	0.0040	0.00064	0.00087	0.00075
C17-BZ#178	MG/KG	0.0021 U	0.0029	0.00050	0.00053	0.00058
C17-BZ#180	MG/KG	0.0021 U	0.012	0.0019	0.0019	0.0023
C17-BZ#182/#175	MG/KG	0.0042 U	0.00058 J	0.00071 U	0.00074 U	0.00076 U
C17-BZ#183	MG/KG	0.0021 U	0.0054	0.00087	0.00086	0.00094
C17-BZ#184	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C17-BZ#185	MG/KG	0.0021 U	0.00042	0.00036 U	0.00037 U	0.00038 U
C17-BZ#187	MG/KG	0.0020 J	0.019	0.0027	0.0030	0.0035
C17-BZ#188	MG/KG	0.0021 U	0.00026 J	0.00036 U	0.00037 U	0.00038 U
C17-BZ#189	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C17-BZ#190	MG/KG	0.0021 U	0.0012	0.00024 J	0.00037 U	0.00032 J
C17-BZ#191	MG/KG	0.0021 U	0.0003 J	0.00036 U	0.00037 U	0.00038 U
C17-BZ#193	MG/KG	0.0021 U	0.0010	0.00018 J	0.00037 U	0.00029 J
C18-BZ#194	MG/KG	0.0021 U	0.0031	0.00061	0.00059	0.00077
C18-BZ#195	MG/KG	0.0021 U	0.00084	0.00023 J	0.00037 U	0.00038 U
C18-BZ#196	MG/KG	0.0021 U	0.0018	0.00050	0.00025 J	0.00041
C18-BZ#197	MG/KG	0.0021 U	0.00037 J	0.00036 U	0.00037 U	0.00038 U
C18-BZ#199	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C18-BZ#201	MG/KG	0.0021 U	0.0051	0.00090	0.00082	0.00094
C18-BZ#202	MG/KG	0.0021 U	0.0023	0.00052	0.00039	0.00045
C18-BZ#203	MG/KG	0.0021 U	0.0022	0.00043	0.00046	0.00041
C18-BZ#204/#200	MG/KG	0.0042 U	0.0011	0.00071 U	0.00074 U	0.00076 U
C18-BZ#205	MG/KG	0.0021 U	0.00040 U	0.00036 U	0.00037 U	0.00038 U
C19-BZ#206	MG/KG	0.0021 U	0.0046	0.0014	0.00070	0.00097
C19-BZ#207	MG/KG	0.0021 U	0.00065	0.00021 J	0.00037 U	0.00038 U
C19-BZ#208	MG/KG	0.0021 U	0.0021	0.00070	0.00040	0.00050
C110-BZ#209	MG/KG	0.0021 U	0.0031	0.0015	0.00072	0.00070

TABLE 12a - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T
		Tautog Tissue 2 Station A 7/18/2019	Tautog Tissue 2 Station B 5/31/2019	Tautog Tissue 2 Station C 6/14/2019	Tautog Tissue 2 Station D 5/31/2019	Tautog Tissue 2 Station E 8/16/2019
Lipids	PERCENT	0.70	0.66	0.89	0.80	0.83
Total PCB Congeners ¹	MG/KG	0.16 J3	0.32 J3	0.68 J4	0.51 J3	0.20 J3
Total PCB Congeners Hits ²	MG/KG	0.14	0.31	0.68	0.50	0.19
Total NOAA Congeners ³	MG/KG	0.094 J4	0.20 J4	0.38 J4	0.29 J4	0.11 J4
Total WHO Congeners ⁴	MG/KG	0.028 J3	0.054 J4	0.097 J4	0.075 J4	0.027 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.10 J3	0.22 J4	0.41 J4	0.32 J4	0.12 J4
C11-BZ#1	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C11-BZ#3	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C12-BZ#4/#10	MG/KG	0.00076 U	0.00069 U	0.00074 U	0.00074 U	0.00074 U
C12-BZ#5	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C12-BZ#6	MG/KG	0.00038 U	0.00035 U	0.00070	0.00041	0.00027 J
C12-BZ#7	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C12-BZ#8	MG/KG	0.00038 U	0.00035 U	0.00049	0.00032 J	0.00027 J
C12-BZ#12	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C12-BZ#13	MG/KG	0.00076 U	0.00069 U	0.00074 U	0.00074 U	0.00074 U
C12-BZ#15	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C13-BZ#16	MG/KG	0.00038 U	0.00035 U	0.00031 J	0.00019 J	0.00037 U
C13-BZ#17	MG/KG	0.00038 U	0.00035 U	0.0020	0.00082	0.00044
C13-BZ#18	MG/KG	0.00033 J	0.00028 J	0.0037	0.0021	0.00093
C13-BZ#19	MG/KG	0.00038 U	0.00035 U	0.00026 J	0.00024 J	0.00037 U
C13-BZ#21/#20	MG/KG	0.00076 U	0.00069 U	0.00055 J	0.00074 U	0.00074 U
C13-BZ#22	MG/KG	0.00044	0.00073	0.0016	0.0012	0.0011
C13-BZ#24	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C13-BZ#25	MG/KG	0.00038 U	0.00051	0.0038	0.0016	0.0016
C13-BZ#26	MG/KG	0.0011	0.0030	0.0097	0.0093	0.0047
C13-BZ#27	MG/KG	0.00038 U	0.00035 U	0.00072	0.00064	0.00024 J
C13-BZ#28	MG/KG	0.0024	0.0062	0.023	0.016	0.0091
C13-BZ#29	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C13-BZ#31	MG/KG	0.0011	0.0018	0.0047	0.0059	0.0040
C13-BZ#32	MG/KG	0.00023 J	0.00047	0.0020	0.0016	0.00081
C13-BZ#33	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C13-BZ#37	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C14-BZ#40	MG/KG	0.00038 U	0.00035 U	0.00041	0.00031 J	0.00037 U
C14-BZ#41	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C14-BZ#42	MG/KG	0.00038 U	0.00035 U	0.0030	0.00047	0.00034 J
C14-BZ#43	MG/KG	0.00038 U	0.00035 U	0.00022 J	0.00037 U	0.00037 U
C14-BZ#44	MG/KG	0.00062	0.00075	0.0047	0.0028	0.0012
C14-BZ#45	MG/KG	0.00038 U	0.00035 U	0.00055	0.00042	0.00020 J
C14-BZ#47	MG/KG	0.00056	0.00054	0.0093	0.0025	0.0011
C14-BZ#48	MG/KG	0.00038 U	0.00035 U	0.00026 J	0.00037 U	0.00037 U
C14-BZ#49	MG/KG	0.0017	0.0033	0.022	0.011	0.0067
C14-BZ#50	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C14-BZ#51	MG/KG	0.00038 U	0.00035 U	0.00072	0.00044	0.00021 J
C14-BZ#52	MG/KG	0.0049	0.011	0.035	0.027	0.013
C14-BZ#53	MG/KG	0.00038 U	0.00035 U	0.0012	0.00092	0.00032 J
C14-BZ#54	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C14-BZ#56	MG/KG	0.00041	0.00074	0.0017	0.0014	0.00060

TABLE 12a - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 2 - 2019

Sample#	Species	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T
		Tautog Tissue	Tautog Tissue	Tautog Tissue	Tautog Tissue	Tautog Tissue
Species Type	Area	2	2	2	2	2
Station	Sample Date	Station A 7/18/2019	Station B 5/31/2019	Station C 6/14/2019	Station D 5/31/2019	Station E 8/16/2019
Parameter	Units					
C14-BZ#60	MG/KG	0.00057	0.0014	0.0033	0.0024	0.0011
C14-BZ#63	MG/KG	0.00054	0.0014	0.0024	0.0019	0.00092
C14-BZ#66	MG/KG	0.0015	0.0014	0.015	0.0058	0.0023
C14-BZ#68/#64	MG/KG	0.00087	0.0026	0.0082	0.0058	0.0024
C14-BZ#70	MG/KG	0.00070	0.0015	0.0027	0.0032	0.0017
C14-BZ#71	MG/KG	0.00038 U	0.00021 J	0.0014	0.00080	0.00034 J
C14-BZ#73/#46	MG/KG	0.00076 U	0.00069 U	0.00074 U	0.00074 U	0.00074 U
C14-BZ#74	MG/KG	0.0030	0.0071	0.015	0.011	0.0049
C14-BZ#76	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C14-BZ#77	MG/KG	0.00021 J	0.00037	0.00067	0.00060	0.00033 J
C14-BZ#81	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C15-BZ#82	MG/KG	0.00038 U	0.00035 U	0.00083	0.00035 J	0.00037 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0010 U	0.00065 J	0.0011 U	0.0011 U
C15-BZ#85	MG/KG	0.00046	0.00042	0.0047	0.0018	0.00055
C15-BZ#87/#111	MG/KG	0.00089	0.0017	0.0048	0.0038	0.0013
C15-BZ#89/#84	MG/KG	0.00076 U	0.00069 U	0.0021	0.0013	0.00053 J
C15-BZ#91	MG/KG	0.00083	0.0015	0.0066	0.0037	0.0016
C15-BZ#92	MG/KG	0.0012	0.0020	0.0062	0.0047	0.0018
C15-BZ#97	MG/KG	0.00019 J	0.00035 U	0.0050	0.00084	0.00028 J
C15-BZ#99	MG/KG	0.00085	0.00058	0.014	0.0036	0.0010
C15-BZ#100	MG/KG	0.00038 U	0.00035 U	0.00057	0.00037 U	0.00037 U
C15-BZ#101/#90	MG/KG	0.013	0.030	0.052	0.046	0.020
C15-BZ#104	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C15-BZ#105	MG/KG	0.0032	0.0074	0.013	0.0098	0.0036
C15-BZ#107/#123	MG/KG	0.0026	0.0059	0.0074	0.0070	0.0029
C15-BZ#110	MG/KG	0.0016	0.0040	0.019	0.011	0.0039
C15-BZ#114	MG/KG	0.00091	0.0021	0.0030	0.0025	0.00087
C15-BZ#118	MG/KG	0.015	0.025	0.058	0.042	0.014
C15-BZ#119	MG/KG	0.00038 U	0.00035 U	0.0016	0.00019 J	0.00037 U
C15-BZ#121/#95/#88	MG/KG	0.0011 J	0.0018	0.0072	0.0049	0.0022
C15-BZ#124	MG/KG	0.00038 U	0.00026 J	0.00041	0.00040	0.00037 U
C15-BZ#126	MG/KG	0.00038 U	0.00022 J	0.00029 J	0.00025 J	0.00037 U
C16-BZ#128	MG/KG	0.0021	0.0053	0.0099	0.0078	0.0025
C16-BZ#129/#158	MG/KG	0.00052 J	0.0015	0.0057	0.0033	0.00086
C16-BZ#130/#164	MG/KG	0.00055 J	0.0013	0.0035	0.0025	0.00083
C16-BZ#131	MG/KG	0.00038 U	0.00020 J	0.00037 J	0.00026 J	0.00037 U
C16-BZ#132	MG/KG	0.00040	0.00080	0.0039	0.0019	0.00054
C16-BZ#134	MG/KG	0.00038 U	0.00035 U	0.00080	0.00045	0.00037 U
C16-BZ#135	MG/KG	0.00020 J	0.00023 J	0.0016	0.00086	0.00020 J
C16-BZ#136	MG/KG	0.00021 J	0.00031 J	0.00087	0.00078	0.00032 J
C16-BZ#137	MG/KG	0.00090	0.0013	0.0031	0.0025	0.00072
C16-BZ#138	MG/KG	0.0038	0.0015	0.023	0.0078	0.0015
C16-BZ#141	MG/KG	0.00022 J	0.00048	0.0016	0.0012	0.00035 J
C16-BZ#144	MG/KG	0.00038 U	0.00040	0.00071	0.00061	0.00026 J
C16-BZ#146	MG/KG	0.0065	0.016	0.018	0.017	0.0064
C16-BZ#147/#149	MG/KG	0.0032	0.0076	0.021	0.015	0.0053
C16-BZ#151	MG/KG	0.00079	0.0012	0.0028	0.0026	0.00092
C16-BZ#153	MG/KG	0.036	0.079	0.11	0.098	0.032
C16-BZ#154	MG/KG	0.00038 U	0.00035 U	0.00062	0.00037 U	0.00037 U
C16-BZ#155	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U

TABLE 12a - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 2 - 2019

Parameter	Sample#	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T
	Species Species Type Area Station Sample Date	Tautog Tissue 2 Station A 7/18/2019	Tautog Tissue 2 Station B 5/31/2019	Tautog Tissue 2 Station C 6/14/2019	Tautog Tissue 2 Station D 5/31/2019	Tautog Tissue 2 Station E 8/16/2019
	Units					
C16-BZ#156	MG/KG	0.0024	0.0071	0.0070	0.0064	0.0023
C16-BZ#157	MG/KG	0.00080	0.0020	0.0022	0.0020	0.00074
C16-BZ#163/#160	MG/KG	0.0063	0.015	0.018	0.018	0.0064
C16-BZ#167	MG/KG	0.0015	0.0039	0.0044	0.0038	0.0014
C16-BZ#168	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C16-BZ#169	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C17-BZ#170	MG/KG	0.0021	0.0060	0.0062	0.0058	0.0017
C17-BZ#171	MG/KG	0.00050	0.0012	0.0016	0.0013	0.00045
C17-BZ#172	MG/KG	0.00025 J	0.00052	0.00080	0.00076	0.00029 J
C17-BZ#173	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C17-BZ#174	MG/KG	0.00038 U	0.00035 U	0.00052	0.00026 J	0.00037 U
C17-BZ#176	MG/KG	0.00038 U	0.00035 U	0.00019 J	0.00022 J	0.00037 U
C17-BZ#177	MG/KG	0.00036 J	0.00065	0.0014	0.0013	0.00036 J
C17-BZ#178	MG/KG	0.00036 J	0.00065	0.0012	0.0011	0.00041
C17-BZ#180	MG/KG	0.0034	0.010	0.011	0.010	0.0030
C17-BZ#182/#175	MG/KG	0.00076 U	0.00069 U	0.00045 J	0.00039 J	0.00074 U
C17-BZ#183	MG/KG	0.0011	0.0018	0.0038	0.0024	0.00068
C17-BZ#184	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C17-BZ#185	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C17-BZ#187	MG/KG	0.0044	0.011	0.012	0.012	0.0039
C17-BZ#188	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C17-BZ#189	MG/KG	0.00038 U	0.00065	0.00053	0.00042	0.00025 J
C17-BZ#190	MG/KG	0.00034 J	0.0010	0.0010	0.0011	0.00035 J
C17-BZ#191	MG/KG	0.00038 U	0.00029 J	0.00036 J	0.00034 J	0.00037 U
C17-BZ#193	MG/KG	0.00022 J	0.00052	0.00073	0.00060	0.00019 J
C18-BZ#194	MG/KG	0.00048	0.0015	0.0017	0.0015	0.00058
C18-BZ#195	MG/KG	0.00038 U	0.00048	0.00046	0.00045	0.00037 U
C18-BZ#196	MG/KG	0.00034 J	0.00090	0.00099	0.00078	0.00030 J
C18-BZ#197	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C18-BZ#199	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C18-BZ#201	MG/KG	0.00035 J	0.00087	0.0013	0.0012	0.00042
C18-BZ#202	MG/KG	0.00020 J	0.00035	0.00053	0.00049	0.00037 U
C18-BZ#203	MG/KG	0.00035 J	0.00083	0.00091	0.00091	0.00019 J
C18-BZ#204/#200	MG/KG	0.00076 U	0.00069 U	0.00040 J	0.00074 U	0.00074 U
C18-BZ#205	MG/KG	0.00038 U	0.00035 U	0.00037 U	0.00037 U	0.00037 U
C19-BZ#206	MG/KG	0.00022 J	0.00059	0.00078	0.00058	0.00026 J
C19-BZ#207	MG/KG	0.00038 U	0.00035 U	0.00019 J	0.00037 U	0.00037 U
C19-BZ#208	MG/KG	0.00038 U	0.00021 J	0.00029 J	0.00023 J	0.00037 U
C110-BZ#209	MG/KG	0.00038 U	0.00026 J	0.00022 J	0.00019 J	0.00037 U

TABLE 12b - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 3 - 2019

Parameter	Sample# Species Species Type Area Station Sample Date Units	NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T
		Tautog Tissue 3 Station A 8/6/2019	Tautog Tissue 3 Station B 8/12/2019	Tautog Tissue 3 Station C 7/23/2019	Tautog Tissue 3 Station D 7/31/2019	Tautog Tissue 3 Station E 8/12/2019
Lipids	PERCENT	0.71	0.74	0.67	0.86	0.74
Total PCB Congeners ¹	MG/KG	0.033 J1	0.045 J2	0.044 J1	0.074 J2	0.12 J2
Total PCB Congeners Hits ²	MG/KG	0.0096	0.028	0.021	0.056	0.10
Total NOAA Congeners ³	MG/KG	0.0084 J2	0.015 J3	0.016 J3	0.032 J3	0.066 J3
Total WHO Congeners ⁴	MG/KG	0.0033 J1	0.0055 J2	0.0054 J2	0.0078 J2	0.019 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.011 J2	0.018 J3	0.018 J2	0.036 J3	0.073 J3
C11-BZ#1	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C11-BZ#3	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#4/#10	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00077 U
C12-BZ#5	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#6	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#7	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#8	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#12	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C12-BZ#13	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00077 U
C12-BZ#15	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#16	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#17	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#18	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00033 J	0.00039 U
C13-BZ#19	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#21/#20	MG/KG	0.00073 U	0.00039 J	0.00076 U	0.00074 U	0.00077 U
C13-BZ#22	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00054	0.00039 U
C13-BZ#24	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#25	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00044	0.00039 U
C13-BZ#26	MG/KG	0.00029 J	0.00033 J	0.00029 J	0.0018	0.00053
C13-BZ#27	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#28	MG/KG	0.00051	0.00064	0.00052	0.0034	0.0018
C13-BZ#29	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#31	MG/KG	0.00042	0.00093	0.00024 J	0.0018	0.00049
C13-BZ#32	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00042	0.00039 U
C13-BZ#33	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C13-BZ#37	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#40	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#41	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#42	MG/KG	0.00037 U	0.00020 J	0.00038 U	0.00037 U	0.00039 U
C14-BZ#43	MG/KG	0.00037 U	0.00023 J	0.00038 U	0.00037 U	0.00039 U
C14-BZ#44	MG/KG	0.00037 U	0.00031 J	0.00020 J	0.00061	0.00032 J
C14-BZ#45	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#47	MG/KG	0.00037 U	0.00021 J	0.00038 U	0.00035 J	0.00054
C14-BZ#48	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#49	MG/KG	0.00037 U	0.00037 U	0.00046 U	0.0022	0.00089 U
C14-BZ#50	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#51	MG/KG	0.00037 U	0.00021 J	0.00038 U	0.00037 U	0.00039 U
C14-BZ#52	MG/KG	0.00042 U	0.00061 U	0.00089 U	0.0041	0.0027
C14-BZ#53	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#54	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#56	MG/KG	0.00037 U	0.00019 J	0.00038 U	0.00037 U	0.00022 J

TABLE 12b - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T
		Tautog Tissue 3 Station A 8/6/2019	Tautog Tissue 3 Station B 8/12/2019	Tautog Tissue 3 Station C 7/23/2019	Tautog Tissue 3 Station D 7/31/2019	Tautog Tissue 3 Station E 8/12/2019
Species Type	Area					
Station	Sample Date					
Parameter	Units					
C14-BZ#60	MG/KG	0.00037 U	0.00026 J	0.00038 U	0.00036 J	0.00028 J
C14-BZ#63	MG/KG	0.00037 U	0.00020 J	0.00038 U	0.00027 J	0.00030 J
C14-BZ#66	MG/KG	0.00033 J	0.00037 J	0.00030 J	0.00081	0.0013
C14-BZ#68/#64	MG/KG	0.00073 U	0.00051 J	0.00076 U	0.00086	0.00054 J
C14-BZ#70	MG/KG	0.00019 J	0.00033 J	0.00026 J	0.00077	0.00054
C14-BZ#71	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#73/#46	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00077 U
C14-BZ#74	MG/KG	0.00027 J	0.00053	0.00046	0.0014	0.0019
C14-BZ#76	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C14-BZ#77	MG/KG	0.00037 U	0.00020 J	0.00038 U	0.00037 U	0.00039 U
C14-BZ#81	MG/KG	0.00037 U	0.00020 J	0.00038 U	0.00037 U	0.00039 U
C15-BZ#82	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C15-BZ#83/#125/#112	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
C15-BZ#85	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00019 J	0.00055
C15-BZ#87/#111	MG/KG	0.00073 U	0.00044 J	0.00076 U	0.00049 J	0.00058 J
C15-BZ#89/#84	MG/KG	0.00073 U	0.00040 J	0.00076 U	0.00041 J	0.00077 U
C15-BZ#91	MG/KG	0.00037 U	0.00027 J	0.00020 J	0.00052	0.00060
C15-BZ#92	MG/KG	0.00037 U	0.00029 J	0.00028 J	0.00072	0.0011
C15-BZ#97	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00025 J
C15-BZ#99	MG/KG	0.00037 U	0.00035 J	0.00038 U	0.00035 J	0.0013
C15-BZ#100	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C15-BZ#101/#90	MG/KG	0.00095	0.0018	0.0023	0.0054	0.0079
C15-BZ#104	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C15-BZ#105	MG/KG	0.00022 J	0.00064	0.0011	0.00093	0.0021
C15-BZ#107/#123	MG/KG	0.00073 U	0.00075	0.00052 J	0.00085	0.0016
C15-BZ#110	MG/KG	0.00037 U	0.00026 J	0.00047	0.0016	0.0011
C15-BZ#114	MG/KG	0.00037 U	0.00028 J	0.00021 J	0.00026 J	0.00059
C15-BZ#118	MG/KG	0.00097	0.0017	0.0017	0.0037	0.010
C15-BZ#119	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C15-BZ#121/#95/#88	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.00080 J	0.00059 J
C15-BZ#124	MG/KG	0.00037 U	0.00023 J	0.00038 U	0.00037 U	0.00039 U
C15-BZ#126	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#128	MG/KG	0.00022 J	0.00043	0.00075	0.00060	0.0023
C16-BZ#129/#158	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00066 J
C16-BZ#130/#164	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00065 J
C16-BZ#131	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#132	MG/KG	0.00037 U	0.00019 J	0.00038 U	0.00026 J	0.00046
C16-BZ#134	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#135	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#136	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#137	MG/KG	0.00037 U	0.00018 J	0.00038 U	0.00037 U	0.00060
C16-BZ#138	MG/KG	0.00030 J	0.00025 J	0.00026 J	0.00049	0.0032
C16-BZ#141	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00024 J
C16-BZ#144	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#146	MG/KG	0.00060	0.0014	0.0012	0.0019	0.0047
C16-BZ#147/#149	MG/KG	0.00073 U	0.00061 J	0.0010	0.0016	0.0029
C16-BZ#151	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00033 J	0.00062
C16-BZ#153	MG/KG	0.0027	0.0056	0.0051	0.0085	0.026
C16-BZ#154	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#155	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U

TABLE 12b - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) AREA 3 - 2019

Sample#	Species	NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T
		Tautog Tissue 3 Station A 8/6/2019	Tautog Tissue 3 Station B 8/12/2019	Tautog Tissue 3 Station C 7/23/2019	Tautog Tissue 3 Station D 7/31/2019	Tautog Tissue 3 Station E 8/12/2019
Species Type	Area					
Station	Sample Date					
Parameter	Units					
C16-BZ#156	MG/KG	0.00025 J	0.00053	0.00049	0.00059	0.0019
C16-BZ#157	MG/KG	0.00037 U	0.00025 J	0.00038 U	0.00023 J	0.00065
C16-BZ#163/#160	MG/KG	0.00047 J	0.0012	0.0013	0.0019	0.0047
C16-BZ#167	MG/KG	0.00037 U	0.00038	0.00024 J	0.00040	0.0011
C16-BZ#168	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C16-BZ#169	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#170	MG/KG	0.00022 J	0.00050	0.00041	0.00061	0.0019
C17-BZ#171	MG/KG	0.00037 U	0.00019 J	0.00038 U	0.00037 U	0.00047
C17-BZ#172	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00025 J
C17-BZ#173	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#174	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#176	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#177	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00021 J	0.00036 J
C17-BZ#178	MG/KG	0.00037 U	0.00023 J	0.00038 U	0.00037 U	0.00031 J
C17-BZ#180	MG/KG	0.00028 J	0.00072	0.00072	0.00093	0.0030
C17-BZ#182/#175	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00077 U
C17-BZ#183	MG/KG	0.00037 U	0.00029 J	0.00038 U	0.00020 J	0.00079
C17-BZ#184	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#185	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#187	MG/KG	0.00041	0.0011	0.00081	0.0013	0.0032
C17-BZ#188	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#189	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#190	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00031 J
C17-BZ#191	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C17-BZ#193	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00021 J
C18-BZ#194	MG/KG	0.00037 U	0.00020 J	0.00038 U	0.00037 U	0.00060
C18-BZ#195	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C18-BZ#196	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00029 J
C18-BZ#197	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C18-BZ#199	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C18-BZ#201	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00036 J
C18-BZ#202	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C18-BZ#203	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00027 J
C18-BZ#204/#200	MG/KG	0.00073 U	0.00074 U	0.00076 U	0.00074 U	0.00077 U
C18-BZ#205	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C19-BZ#206	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C19-BZ#207	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C19-BZ#208	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U
C110-BZ#209	MG/KG	0.00037 U	0.00037 U	0.00038 U	0.00037 U	0.00039 U

TABLE 12c - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO2-T	NBH19-FF-SO3-T
	Species Species Type Area Station Sample Date	Tautog Tissue Marion MARION-2 9/30/2019	Tautog Tissue Marion MARION-3 9/30/2019
	Units		
Lipids	PERCENT	0.74	1.3
Total PCB Congeners ¹	MG/KG	0.031 J1	0.033 J1
Total PCB Congeners Hits ²	MG/KG	0.0038	0.0091
Total NOAA Congeners ³	MG/KG	0.0057 J2	0.0083 J2
Total WHO Congeners ⁴	MG/KG	0.0027 J1	0.0031 J1
Total NOAA / WHO Combined ⁵	MG/KG	0.0078 J1	0.010 J2
C11-BZ#1	MG/KG	0.00038 U	0.00036 U
C11-BZ#3	MG/KG	0.00038 U	0.00036 U
C12-BZ#4/#10	MG/KG	0.00077 U	0.00071 U
C12-BZ#5	MG/KG	0.00038 U	0.00036 U
C12-BZ#6	MG/KG	0.00038 U	0.00036 U
C12-BZ#7	MG/KG	0.00038 U	0.00036 U
C12-BZ#8	MG/KG	0.00038 U	0.00036 U
C12-BZ#12	MG/KG	0.00038 U	0.00036 U
C12-BZ#13	MG/KG	0.00077 U	0.00071 U
C12-BZ#15	MG/KG	0.00038 U	0.00036 U
C13-BZ#16	MG/KG	0.00038 U	0.00036 U
C13-BZ#17	MG/KG	0.00038 U	0.00036 U
C13-BZ#18	MG/KG	0.00038 U	0.00036 U
C13-BZ#19	MG/KG	0.00038 U	0.00036 U
C13-BZ#21/#20	MG/KG	0.00077 U	0.00071 U
C13-BZ#22	MG/KG	0.00038 U	0.00036 U
C13-BZ#24	MG/KG	0.00038 U	0.00036 U
C13-BZ#25	MG/KG	0.00038 U	0.00036 U
C13-BZ#26	MG/KG	0.00038 U	0.00036 U
C13-BZ#27	MG/KG	0.00038 U	0.00036 U
C13-BZ#28	MG/KG	0.00038 U	0.00036 U
C13-BZ#29	MG/KG	0.00038 U	0.00036 U
C13-BZ#31	MG/KG	0.00038 U	0.00036 U
C13-BZ#32	MG/KG	0.00038 U	0.00036 U
C13-BZ#33	MG/KG	0.00038 U	0.00036 U
C13-BZ#37	MG/KG	0.00038 U	0.00036 U
C14-BZ#40	MG/KG	0.00038 U	0.00036 U
C14-BZ#41	MG/KG	0.00038 U	0.00036 U
C14-BZ#42	MG/KG	0.00038 U	0.00036 U
C14-BZ#43	MG/KG	0.00038 U	0.00036 U
C14-BZ#44	MG/KG	0.00038 U	0.00036 U
C14-BZ#45	MG/KG	0.00038 U	0.00036 U
C14-BZ#47	MG/KG	0.00038 U	0.00036 U
C14-BZ#48	MG/KG	0.00038 U	0.00036 U
C14-BZ#49	MG/KG	0.00038 U	0.00036 U
C14-BZ#50	MG/KG	0.00038 U	0.00036 U
C14-BZ#51	MG/KG	0.00038 U	0.00036 U
C14-BZ#52	MG/KG	0.00038 U	0.00036 U
C14-BZ#53	MG/KG	0.00038 U	0.00036 U
C14-BZ#54	MG/KG	0.00038 U	0.00036 U
C14-BZ#56	MG/KG	0.00038 U	0.00036 U

TABLE 12c - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO2-T	NBH19-FF-SO3-T
	Species Species Type Area Station Sample Date	Tautog Tissue Marion MARION-2 9/30/2019	Tautog Tissue Marion MARION-3 9/30/2019
	Units		
C14-BZ#60	MG/KG	0.00038 U	0.00036 U
C14-BZ#63	MG/KG	0.00038 U	0.00036 U
C14-BZ#66	MG/KG	0.00038 U	0.00036 U
C14-BZ#68/#64	MG/KG	0.00077 U	0.00071 U
C14-BZ#70	MG/KG	0.00038 U	0.00036 U
C14-BZ#71	MG/KG	0.00038 U	0.00036 U
C14-BZ#73/#46	MG/KG	0.00077 U	0.00071 U
C14-BZ#74	MG/KG	0.00020 J	0.00022 J
C14-BZ#76	MG/KG	0.00038 U	0.00036 U
C14-BZ#77	MG/KG	0.00038 U	0.00036 U
C14-BZ#81	MG/KG	0.00038 U	0.00036 U
C15-BZ#82	MG/KG	0.00038 U	0.00036 U
C15-BZ#83/#125/#112	MG/KG	0.0012 U	0.0011 U
C15-BZ#85	MG/KG	0.00038 U	0.00036 U
C15-BZ#87/#111	MG/KG	0.00077 U	0.00071 U
C15-BZ#89/#84	MG/KG	0.00077 U	0.00071 U
C15-BZ#91	MG/KG	0.00038 U	0.00036 U
C15-BZ#92	MG/KG	0.00038 U	0.00036 U
C15-BZ#97	MG/KG	0.00038 U	0.00036 U
C15-BZ#99	MG/KG	0.00038 U	0.00036 U
C15-BZ#100	MG/KG	0.00038 U	0.00036 U
C15-BZ#101/#90	MG/KG	0.00055 J	0.00098
C15-BZ#104	MG/KG	0.00038 U	0.00036 U
C15-BZ#105	MG/KG	0.00038 U	0.00024 J
C15-BZ#107/#123	MG/KG	0.00077 U	0.00071 U
C15-BZ#110	MG/KG	0.00038 U	0.00036 U
C15-BZ#114	MG/KG	0.00038 U	0.00036 U
C15-BZ#118	MG/KG	0.00043	0.00065
C15-BZ#119	MG/KG	0.00038 U	0.00036 U
C15-BZ#121/#95/#88	MG/KG	0.0012 U	0.0011 U
C15-BZ#124	MG/KG	0.00038 U	0.00036 U
C15-BZ#126	MG/KG	0.00038 U	0.00036 U
C16-BZ#128	MG/KG	0.00038 U	0.0002 J
C16-BZ#129/#158	MG/KG	0.00077 U	0.00071 U
C16-BZ#130/#164	MG/KG	0.00077 U	0.00071 U
C16-BZ#131	MG/KG	0.00038 U	0.00036 U
C16-BZ#132	MG/KG	0.00038 U	0.00036 U
C16-BZ#134	MG/KG	0.00038 U	0.00036 U
C16-BZ#135	MG/KG	0.00038 U	0.00036 U
C16-BZ#136	MG/KG	0.00038 U	0.00036 U
C16-BZ#137	MG/KG	0.00038 U	0.00036 U
C16-BZ#138	MG/KG	0.00038 U	0.00020 J
C16-BZ#141	MG/KG	0.00038 U	0.00036 U
C16-BZ#144	MG/KG	0.00038 U	0.00036 U
C16-BZ#146	MG/KG	0.00040	0.00095
C16-BZ#147/#149	MG/KG	0.00077 U	0.00071 U
C16-BZ#151	MG/KG	0.00038 U	0.00036 U
C16-BZ#153	MG/KG	0.0016	0.0028
C16-BZ#154	MG/KG	0.00038 U	0.00036 U
C16-BZ#155	MG/KG	0.00038 U	0.00036 U

TABLE 12c - SUMMARY OF SAMPLE DATA FOR TAUTOG (MG/KG WET WEIGHT) MARION - 2019

Parameter	Sample#	NBH19-FF-SO2-T	NBH19-FF-SO3-T
	Species Species Type Area Station Sample Date	Tautog Tissue Marion MARION-2 9/30/2019	Tautog Tissue Marion MARION-3 9/30/2019
	Units		
C16-BZ#156	MG/KG	0.00038 U	0.00036
C16-BZ#157	MG/KG	0.00038 U	0.00036 U
C16-BZ#163/#160	MG/KG	0.00077 U	0.00066 J
C16-BZ#167	MG/KG	0.00038 U	0.00023 J
C16-BZ#168	MG/KG	0.00038 U	0.00036 U
C16-BZ#169	MG/KG	0.00038 U	0.00036 U
C17-BZ#170	MG/KG	0.00038 U	0.00030 J
C17-BZ#171	MG/KG	0.00038 U	0.00036 U
C17-BZ#172	MG/KG	0.00038 U	0.00036 U
C17-BZ#173	MG/KG	0.00038 U	0.00036 U
C17-BZ#174	MG/KG	0.00038 U	0.00036 U
C17-BZ#176	MG/KG	0.00038 U	0.00036 U
C17-BZ#177	MG/KG	0.00038 U	0.00036 U
C17-BZ#178	MG/KG	0.00038 U	0.00036 U
C17-BZ#180	MG/KG	0.00025 J	0.00054
C17-BZ#182/#175	MG/KG	0.00077 U	0.00071 U
C17-BZ#183	MG/KG	0.00038 U	0.00036 U
C17-BZ#184	MG/KG	0.00038 U	0.00036 U
C17-BZ#185	MG/KG	0.00038 U	0.00036 U
C17-BZ#187	MG/KG	0.00036 J	0.00075
C17-BZ#188	MG/KG	0.00038 U	0.00036 U
C17-BZ#189	MG/KG	0.00038 U	0.00036 U
C17-BZ#190	MG/KG	0.00038 U	0.00036 U
C17-BZ#191	MG/KG	0.00038 U	0.00036 U
C17-BZ#193	MG/KG	0.00038 U	0.00036 U
C18-BZ#194	MG/KG	0.00038 U	0.00036 U
C18-BZ#195	MG/KG	0.00038 U	0.00036 U
C18-BZ#196	MG/KG	0.00038 U	0.00036 U
C18-BZ#197	MG/KG	0.00038 U	0.00036 U
C18-BZ#199	MG/KG	0.00038 U	0.00036 U
C18-BZ#201	MG/KG	0.00038 U	0.00036 U
C18-BZ#202	MG/KG	0.00038 U	0.00036 U
C18-BZ#203	MG/KG	0.00038 U	0.00036 U
C18-BZ#204/#200	MG/KG	0.00077 U	0.00071 U
C18-BZ#205	MG/KG	0.00038 U	0.00036 U
C19-BZ#206	MG/KG	0.00038 U	0.00036 U
C19-BZ#207	MG/KG	0.00038 U	0.00036 U
C19-BZ#208	MG/KG	0.00038 U	0.00036 U
C110-BZ#209	MG/KG	0.00038 U	0.00036 U

Appendix B

Data Validation Summary

**Massachusetts Department of Environmental Protection
New Bedford Harbor Seafood Contaminant Survey Monitoring
2019 Sampling
February 14, 2020**

Data Validation Summary
Massachusetts Department of Environmental Protection
New Bedford Harbor Superfund Site
Seafood Contaminant Survey Monitoring 2019 Sampling
New Bedford, Massachusetts

INTRODUCTION

Tissue samples were collected as part of the New Bedford Harbor Superfund Site Seafood Contaminant Survey Monitoring. Samples were collected by the Massachusetts Department of Marine Fisheries (MADMF) and/or Wood Environment and Infrastructure Solutions, Inc. (Wood). Samples were submitted to Alpha Analytical Laboratory located in Mansfield, Massachusetts, for processing and analysis. Tissue samples were analyzed for percent lipids and polychlorinated biphenyls (PCBs) by gas chromatography/mass spectrometry (GC/MS) Selected Ion Monitoring (SIM).

The following table outlines the associated Sample Delivery Group (SDG), species, sample collection date, and sample collection location for the samples included in this report:

SDG	Species	Sample Date	Sample Location
L1927831	Bluefish	June 2019	New Bedford Harbor
L1928364	Striped Bass	June 2019	New Bedford Harbor
L1940598	Bluefish	September 2019	New Bedford Harbor
L1940599	Blue Crab	September 2019	New Bedford Harbor
L1943664	Quahogs (Pre-Spawn)	May 2019	New Bedford Harbor
L1943672	Alewife	April 2019	New Bedford Harbor
L1943679	Quahogs (Pre-Spawn)	May 2019	Sippican Harbor
L1945812	Conch, Scup	October 2019	Sippican Harbor
L1946403	Lobster (Meat, Tomalley)	October 2019	Sippican Harbor
L1958601	Conch	October/November 2019	New Bedford Harbor
L1958609	Lobster (Meat, Tomalley)	July/October/November 2019	New Bedford Harbor
L1958618	Scup	May-September 2019	New Bedford Harbor
L1958625	Tautog	May-September 2019	New Bedford Harbor and Sippican Harbor
L1958629	Black Sea Bass	May-September 2019	New Bedford Harbor and Sippican Harbor

Data packages were validated using U.S. Environmental Protection Agency (USEPA) Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1998), Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses (USEPA, 2004), Alpha Analytical Laboratory Standard Operating Procedure (SOP) 2162 (Alpha, 2017), and the Massachusetts Department of Environmental Protection (MADEP) Quality Assurance Project Plan (QAPP), Seafood Contaminant Survey, New Bedford Harbor Superfund Site, Revision 13.0 (MADEP, 2017). As specified in the QAPP, Tier I+ data validation is performed on 95 percent of the samples, and Tier II data validation is performed on 5 percent of the samples. For the 2019 sampling events, Tier II validation was performed on the following Bluefish and Scup samples:

- Bluefish
- A3-A-BF
- A3-B-BF

A3-C-BF
A3-D-BF
A3-E-BF

Scup

NBH19-FF-A-2-SC
NBH19-FF-B-2-SC
NBH19-FF-D-2-SC
NBH19-FF-C-3-SC
NBH19-FF-D-3-SC
NBH19-FF-E-3-SC
NBH19-FF-SO1-SC
NBH19-FF-SO2-SC

For Tier I+ data validation, data were evaluated for the following parameters:

- * Collection and Preservation
Holding Times
 - * Data Completeness
 - * Initial Calibration (for Tier I+ only if problems noted in case narrative)
Continuing Calibration (for Tier I+ only if problems noted in case narrative)
Blanks
 - * Surrogate Standards
Standard Reference Material (SRM)
Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)
Matrix Spike/Matrix Spike Duplicates (MS/MSD)
Laboratory Duplicates
 - * Internal Standards (for Tier I+ only if problems noted in case narrative)
Instrument Tune (for Tier I+ only if problems noted in case narrative)
 - * Target Compound Quantitation (for Tier I+ only if problems noted in case narrative)
Miscellaneous
- * - all criteria were met for this parameter

For Tier II data validation, the above checks were completed along with evaluations of initial calibrations, continuing calibrations, instrument tuning, and internal standards using summary forms provided in the data package.

DATA VALIDATION SUMMARY

In general, laboratory performance is considered acceptable and all results are usable. The following qualifying statements have been applied to the 2019 data.

Holding Times

PCB (L1927831) – Laboratory documentation for all bluefish samples in SDG L1927831 indicated the samples were not frozen prior to sample preparation and analysis. The QAPP specifies no extraction or analysis holding time is required provided samples are frozen (-20 °C). In this case a 14 day hold time was used for evaluation, and samples were extracted 8 to 9 days outside the 14 day holding time.

However, based on professional judgment and the of the documented stability of PCBs, the associated bluefish samples were not qualified and were reported without any suspected bias.

Blanks

PCB (L1958625 and L1958618) – The method blank associated with a subset of samples was detected at concentrations below the reporting limit for congeners BZ 52 (0.256 J ug/kg) and BZ 49 (0.23 ug/kg). Tautog samples NBH19-FF-A-3-T and NBH19-FF-B-3-T had low level detections of BZ 49 and were qualified not detected (U) at the reporting limits. Tautog samples NBH19-FF-A-3-T, NBH19-FF-B-3-T, NBH19-FF-C-3-T, NBH19-FF-E-3-T, and scup samples NBH19-FF-SO2-SC and NBH19-FF-SO1-SC, had detections greater than the reporting limits and less than five times the blank concentration for BZ 52 and/or BZ 49. Results were qualified not detected (U) at the reported concentrations.

Continuing Calibration

PCB (L1927831) – The following congeners had percent differences that were greater than the control limit of 20 in one or more continuing calibration standards associated with samples in SDG L1927831:

- BZ 47
- BZ 209 (Decachlorobiphenyl)

Positive and non-detect results for one or more of these congeners in associated bluefish samples were qualified estimated (J/UJ).

PCB (L1958618) – Congener BZ 169 had a percent difference that was greater than the control limit of 20 in one continuing calibration standard associated with samples in SDG L1958618. Non-detect results for BZ 169 in associated scup samples were qualified estimated (UJ).

SRM

PCB (L1945812) – An SRM was not extracted or analyzed with the samples associated with SDG L1945812. All other quality control measurements for SDG L1945812 were within control limits and conch and scup sample results were reported unqualified.

LCS/LCSD

PCB (L1958629) – The LCS/LCSD associated with the black sea bass samples in SDG L1958629 has a percent recovery above the 40-140 control limits (236) and a relative percent difference (RPD) that exceeds the control limit of 30 (114) for congener BZ 147/149. Detections for BZ 147/149 in associated black sea bass samples were qualified estimated with a potential high bias (J+).

MS

PCB (L1940598) – The MS associated with bluefish sample A1-B-BF had a percent recovery greater than the 40-140 control limits for the following congeners:

- BZ 18 (213)
- BZ 17 (146)
- BZ 25 (234)
- BZ 44 (210)

- BZ 42 (149)
- BZ 71 (146)
- BZ 74 (176)
- BZ 70 (176)
- BZ 91 (173)
- BZ 66 (217)
- BZ 92 (156)
- BZ 97 (173)
- BZ 147/149 (176)
- BZ 138 (223)

Detections for these congeners in bluefish sample A1-B-BF were qualified estimated and may represent a potential high bias (J+).

PCB (L1928364) – The MS associated with striped bass sample A3-A-SB-FF had a percent recovery lower than the 40-140 control limits for the following congeners:

- BZ 26 (20)
- BZ 31 (37)
- BZ 28 (30)
- BZ 153 (26)

Detections for these congeners in striped bass sample A3-A-SB-FF were qualified estimated and may represent a potential low bias (J-).

PCB (L1958629) – The MS associated with black sea bass sample NBH19-FF-A-2-BSB had percent recoveries greater than the 40-140 control limits for the following congeners:

- BZ 118 (150)
- BZ 153 (208)

Detections for these congeners in black sea bass sample NBH19-FF-A-2-BSB were qualified estimated and may represent a potential high bias (J+).

Laboratory Duplicates

PCB (L1927831) – The laboratory duplicate associated with bluefish sample A3-A-BF had an RPD greater than the control limit of 30 for BZ 31 (43). The detection for BZ 31 in bluefish sample A3-A-BF was qualified estimated (J).

PCB (L1943672) – The laboratory duplicate associated with alewife sample NBH19-FF-C-1 had RPDs greater than the control limit of 30 for the following congeners:

- BZ 114 (33)
- BZ 105 (36)
- BZ 178 (36)
- BZ 138 (35)
- BZ 167 (36)
- BZ 201 (40)

- BZ 170 (33)

Detections for these congeners in alewife sample NBH19-FF-C-1 were qualified estimated (J).

PCB (L1940599) – The laboratory duplicate associated with blue crab sample A1-A-BC had RPDs greater than the control limit of 30 for BZ 83/125/112 (36) and BZ 193 (39). Detections for these congeners in blue crab sample A1-A-BC were qualified estimated (J).

PCB (L1940598) – The laboratory duplicate associated with bluefish sample A1-B-BF had RPDs greater than the control limit of 30 for the following congeners:

- BZ 25 (42)
- BZ 33 (31)
- BZ 100 (31)
- BZ 74 (31)
- BZ 66 (32)
- BZ 119 (31)
- BZ 83/125/112 (32)
- BZ 85 (37)
- BZ 82 (31)
- BZ 77 (34)
- BZ 124 (32)
- BZ 185 (33)
- BZ 202 (31)

Detections for these congeners in bluefish sample A1-B-BF were qualified estimated (J).

PCB (L1946403) – The laboratory duplicate associated with lobster meat sample L-MARION-MT-2 had an RPD greater than the control limit of 30 for BZ 153 (32). The detection for BZ 153 in lobster meat sample L-MARION-MT-2 was qualified estimated (J).

PCB (L1928364) – The laboratory duplicate associated with striped bass sample A3-C-SB-SC had an RPD greater than the control limit of 30 for BZ 156 (36). The detection for BZ 156 in striped bass sample A3-C-SB-SC was qualified estimated (J).

PCB (L1928364) – The laboratory duplicate associated with striped bass sample A3-A-SB-FF had RPDs greater than the control limit of 30 for most congeners as outlined in Table 3. Detections for affected congeners in striped bass sample A3-A-SB-FF were qualified estimated (J).

PCB (L1958601) – The laboratory duplicate associated with conch sample NBH19-SF-A-2 had an RPD greater than the control limit of 30 for BZ 170 (35). The detection for BZ 170 in conch sample NBH19-SF-A-2 was qualified estimated (J).

PCB (L1958609) – The laboratory duplicate associated with lobster tomalley sample NBH19-L-A-2-TM had an RPD greater than the control limit of 30 for BZ 174 (34). The detection for BZ 174 in lobster tomalley sample NBH19-L-A-2-TM was qualified estimated (J).

PCB (L1958618) – The laboratory duplicate associated with scup sample NBH19-FF-A-2-SC had an RPD greater than the control limit of 30 for the following congeners:

- BZ 203 (49)
- BZ 194 (35)
- BZ 206 (67)
- BZ 209 (Decachlorobiphenyl) (61)

Detections for these congeners in scup sample NBH19-FF-A-2-SC were qualified estimated (J).

Instrument Tune

PCB (L1945812) – Scup sample S-MARION-FFSO-2 was analyzed outside of the 12-hour instrument tune window designated in the QAPP. Based on professional judgement it was determined that there was no significant impact on the data and results were not qualified.

PCB (L1940598) – Bluefish sample A2-C-BF was analyzed outside of the 12-hour instrument tune window designated in the QAPP. Based on professional judgement it was determined that there was no significant impact on the data and results were not qualified.

PCB (L1958618) – Scup samples NBH19-FF-SO1-SC and NBH19-FF-SO2-SC were analyzed outside of the 12-hour instrument tune window designated in the QAPP. Based on professional judgement it was determined that there was no significant impact on the data and results were not qualified.

Miscellaneous

PCB – The PCB Congener list reported by the laboratory in 2019 includes 114 project-specified congeners plus an additional 16 sets of 2-3 coeluting congeners due to laboratory instrumentation and calibration standards for a total of 136 project specific congeners and 12 additional coeluting congeners.

PCB – Several samples were analyzed at dilutions (2X, 4X, 5X, 10X, 40X) due to high concentrations of target compounds. Reporting limits for non-detect analytes in affected samples are elevated by factors of 2X, 4X, 5X, 10X or 40X, as applicable.

Reference:

USEPA, 1998. “Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses, Parts I and II,” Quality Assurance Unit Staff; Office of Environmental Measurement and Evaluation; December 1996.

USEPA, 2004. “Region I, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses;” Hazardous Site Evaluation Division; Draft, February 2004.

Alpha Analytical, Inc., 2017. “Determination of PCB Homologs and 209 Individual Congeners by GC/MS-SIM,” Alpha Analytical, Inc.; November 2017.


MADEP, 2017. “Quality Assurance Project Plan, Seafood Contaminant Survey, New Bedford Harbor Superfund Site, Revision 13.0”, Massachusetts Department of Environmental Protection; November 2017.

Data Validator: Madison Dinsmore

Signature:  _____

Date: February 8, 2020

Reviewed by: Julie Ricardi

Signature:  _____

Date: February 10, 2020

Table 1 - Sample Summary
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG	Comments	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	QC Code	Analysis Method	LIPIDS
								Method Class	PCB_w_Congeners
								8270D-SIM/680(M)	
								Param_Count	Param_Count
L1927831	Bluefish	Q3-Station A	A3-A-BF	6/24/2019	TIS	L1927831-01	FS	130	1
L1927831	Bluefish	Q3-Station B	A3-B-BF	6/24/2019	TIS	L1927831-02	FS	130	1
L1927831	Bluefish	Q3-Station C	A3-C-BF	6/24/2019	TIS	L1927831-03	FS	130	1
L1927831	Bluefish	Q3-Station D	A3-D-BF	6/24/2019	TIS	L1927831-04	FS	130	1
L1927831	Bluefish	Q3-Station E	A3-E-BF	6/25/2019	TIS	L1927831-05	FS	130	1
L1928364	Striped Bass	Q1-Station A	A1-A-SB-FF	6/26/2019	TIS	L1928364-03	FS	130	1
L1928364	Striped Bass	Q1-Station A	A1-A-SB-SC	6/26/2019	TIS	L1928364-04	FS	130	1
L1928364	Striped Bass	Q1-Station B	A1-B-SB-FF	6/26/2019	TIS	L1928364-05	FS	130	1
L1928364	Striped Bass	Q1-Station B	A1-B-SB-SC	6/26/2019	TIS	L1928364-06	FS	130	1
L1928364	Striped Bass	Q1-Station C	A1-C-SB-FF	6/26/2019	TIS	L1928364-07	FS	130	1
L1928364	Striped Bass	Q1-Station C	A1-C-SB-SC	6/26/2019	TIS	L1928364-08	FS	130	1
L1928364	Striped Bass	Q1-Station D	A1-D-SB-FF	6/26/2019	TIS	L1928364-09	FS	130	1
L1928364	Striped Bass	Q1-Station D	A1-D-SB-SC	6/26/2019	TIS	L1928364-10	FS	130	1
L1928364	Striped Bass	Q1-Station E	A1-E-SB-FF	6/26/2019	TIS	L1928364-11	FS	130	1
L1928364	Striped Bass	Q1-Station E	A1-E-SB-SC	6/26/2019	TIS	L1928364-12	FS	130	1
L1928364	Striped Bass	Q3-Station A	A3-A-SB-FF	6/27/2019	TIS	L1928364-01	FS	130	1
L1928364	Striped Bass	Q3-Station A	A3-A-SB-SC	6/27/2019	TIS	L1928364-02	FS	130	1
L1928364	Striped Bass	Q3-Station B	A3-B-SB-FF	6/28/2019	TIS	L1928364-13	FS	130	1
L1928364	Striped Bass	Q3-Station B	A3-B-SB-SC	6/28/2019	TIS	L1928364-14	FS	130	1
L1928364	Striped Bass	Q3-Station C	A3-C-SB-FF	6/28/2019	TIS	L1928364-15	FS	130	1
L1928364	Striped Bass	Q3-Station C	A3-C-SB-SC	6/28/2019	TIS	L1928364-16	FS	130	1
L1928364	Striped Bass	Q3-Station D	A3-D-SB-FF	6/28/2019	TIS	L1928364-17	FS	130	1
L1928364	Striped Bass	Q3-Station D	A3-D-SB-SC	6/28/2019	TIS	L1928364-18	FS	130	1
L1928364	Striped Bass	Q3-Station E	A3-E-SB-FF	6/28/2019	TIS	L1928364-19	FS	130	1
L1928364	Striped Bass	Q3-Station E	A3-E-SB-SC	6/28/2019	TIS	L1928364-20	FS	130	1
L1940598	Bluefish	Q1-Station A	A1-A-BF	9/4/2019	TIS	L1940598-04	FS	130	1

Table 1 - Sample Summary
 Data Validation Summary
 Massachusetts Department of Environmental Protection
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SDG	Comments	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	QC Code	Analysis Method	LIPIDS
								Method Class	PCB_w_Congeners
								8270D-SIM/680(M)	
								Param_Count	Param_Count
L1940598	Bluefish	Q1-Station B	A1-B-BF	9/5/2019	TIS	L1940598-01	FS	130	1
L1940598	Bluefish	Q1-Station C	A1-C-BF	9/5/2019	TIS	L1940598-02	FS	130	1
L1940598	Bluefish	Q1-Station D	A1-D-BF	9/6/2019	TIS	L1940598-10	FS	130	1
L1940598	Bluefish	Q1-Station E	A1-E-BF	9/6/2019	TIS	L1940598-09	FS	130	1
L1940598	Bluefish	Q2-Station A	A2-A-BF	9/5/2019	TIS	L1940598-08	FS	130	1
L1940598	Bluefish	Q2-Station B	A2-B-BF	9/5/2019	TIS	L1940598-06	FS	130	1
L1940598	Bluefish	Q2-Station C	A2-C-BF	9/5/2019	TIS	L1940598-03	FS	130	1
L1940598	Bluefish	Q2-Station D	A2-D-BF	9/5/2019	TIS	L1940598-05	FS	130	1
L1940598	Bluefish	Q2-Station E	A2-E-BF	9/5/2019	TIS	L1940598-07	FS	130	1
L1940599	Blue Crab	Q1-Station A	A1-A-BC	9/5/2019	TIS	L1940599-01	FS	130	1
L1940599	Blue Crab	Q1-Station B	A1-B-BC	9/5/2019	TIS	L1940599-03	FS	130	1
L1940599	Blue Crab	Q1-Station C	A1-C-BC	9/5/2019	TIS	L1940599-02	FS	130	1
L1943664	Quahogs	Q1-Station B	NBH19-SF-B-1	5/22/2019	TIS	L1943664-01	FS	130	1
L1943664	Quahogs	Q1-Station D	NBH19-SF-D-1	5/22/2019	TIS	L1943664-02	FS	130	1
L1943664	Quahogs	Q1-Station E	NBH19-SF-E-1	5/22/2019	TIS	L1943664-03	FS	130	1
L1943664	Quahogs	Q2-Station B	NBH19-SF-B-2	5/7/2019	TIS	L1943664-04	FS	130	1
L1943664	Quahogs	Q2-Station B	NBH19-SF-B-3	5/7/2019	TIS	L1943664-10	FS	130	1
L1943664	Quahogs	Q2-Station C	NBH19-SF-C-2	5/8/2019	TIS	L1943664-05	FS	130	1
L1943664	Quahogs	Q2-Station D	NBH19-SF-D-2	5/8/2019	TIS	L1943664-06	FS	130	1
L1943664	Quahogs	Q2-Station F	NBH19-SF-F-2	5/8/2019	TIS	L1943664-07	FS	130	1
L1943664	Quahogs	Q2-Station G	NBH19-SF-G-2	5/7/2019	TIS	L1943664-08	FS	130	1
L1943664	Quahogs	Q2-Station H	NBH19-SF-H-2	5/8/2019	TIS	L1943664-09	FS	130	1
L1943664	Quahogs	Q3-Station D	NBH19-SF-D-3	5/8/2019	TIS	L1943664-11	FS	130	1
L1943664	Quahogs	Q3-Station I	NBH19-SF-I-3	5/7/2019	TIS	L1943664-12	FS	130	1
L1943664	Quahogs	Q3-Station J	NBH19-SF-J-3	5/7/2019	TIS	L1943664-13	FS	130	1
L1943672	Alewife	Q1-Station C	NBH19-FF-C-1	4/9/2019	TIS	L1943672-01	FS	130	1

Table 1 - Sample Summary
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SDG	Comments	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	QC Code	Analysis Method	LIPIDS
								Method Class	PCB_w_Congeners
								8270D-SIM/680(M)	
								Param_Count	Param_Count
L1943679	Quahogs	Q-R02	NBH19-SF-R02	5/9/2019	TIS	L1943679-01	FS	130	1
L1943679	Quahogs	Q-R05	NBH19-SF-R05	5/9/2019	TIS	L1943679-02	FS	130	1
L1943679	Quahogs	Q-R09	NBH19-SF-R09	5/9/2019	TIS	L1943679-03	FS	130	1
L1945812	Conch	CW-Marion-1	CW-MARION-FT-1	10/2/2019	TIS	L1945812-03	FS	130	1
L1945812	Conch	CW-Marion-2	CW-MARION-FT-2	10/2/2019	TIS	L1945812-04	FS	130	1
L1945812	Conch	CW-Marion-3	CW-MARION-FT-3	10/2/2019	TIS	L1945812-05	FS	130	1
L1945812	Scup	S-MARION-1	S-MARION-FFSO-1	10/1/2019	TIS	L1945812-01	FS	130	1
L1945812	Scup	S-MARION-2	S-MARION-FFSO-2	10/1/2019	TIS	L1945812-02	FS	130	1
L1945812	Scup	S-MARION-3	S-MARION-FFSO-3	10/2/2019	TIS	L1945812-06	FS	130	1
L1946403	Lobster Meat	L-MARION-1	L-MARION-MT-1	10/4/2019	TIS	L1946403-05	FS	130	1
L1946403	Lobster Tomalley	L-MARION-1	L-MARION-TM-1	10/4/2019	TIS	L1946403-06	FS	130	1
L1946403	Lobster Meat	L-MARION-2	L-MARION-MT-2	10/2/2019	TIS	L1946403-01	FS	130	1
L1946403	Lobster Tomalley	L-MARION-2	L-MARION-TM-2	10/2/2019	TIS	L1946403-02	FS	130	1
L1946403	Lobster Meat	L-MARION-3	L-MARION-MT-3	10/3/2019	TIS	L1946403-03	FS	130	1
L1946403	Lobster Tomalley	L-MARION-3	L-MARION-TM-3	10/3/2019	TIS	L1946403-04	FS	130	1
L1958601	Conch	Q2-Station A	NBH19-SF-A-2	10/22/2019	TIS	L1958601-01	FS	130	1
L1958601	Conch	Q2-Station B	NBH19-SF-B-2	11/26/2019	TIS	L1958601-02	FS	130	1
L1958601	Conch	Q2-Station C	NBH19-SF-C-2	11/22/2019	TIS	L1958601-03	FS	130	1
L1958601	Conch	Q2-Station D	NBH19-SF-D-2	11/21/2019	TIS	L1958601-04	FS	130	1
L1958601	Conch	Q2-Station E	NBH19-SF-E-2	11/21/2019	TIS	L1958601-05	FS	130	1
L1958601	Conch	Q3-Station B	NBH19-SF-B-3	11/26/2019	TIS	L1958601-06	FS	130	1
L1958601	Conch	Q3-Station C	NBH19-SF-C-3	11/4/2019	TIS	L1958601-07	FS	130	1
L1958601	Conch	Q3-Station D	NBH19-SF-D-3	10/22/2019	TIS	L1958601-08	FS	130	1
L1958601	Conch	Q3-Station E	NBH19-SF-E-3	10/15/2019	TIS	L1958601-09	FS	130	1
L1958609	Lobster Meat	Q2-Station A	NBH19-L-A-2	10/15/2019	TIS	L1958609-01	FS	130	1
L1958609	Lobster Tomalley	Q2-Station A	NBH19-L-A-2-TM	10/15/2019	TIS	L1958609-02	FS	130	1

Table 1 - Sample Summary
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Seafood Contaminant Survey Monitoring 2019 Sampling
New Bedford, Massachusetts

SDG	Comments	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	QC Code	Analysis Method	LIPIDS
								Method Class	PCB_w_Congeners
								8270D-SIM/680(M)	
								Param_Count	Param_Count
L1958609	Lobster Meat	Q2-Station B	NBH19-L-B-2	10/15/2019	TIS	L1958609-03	FS	130	1
L1958609	Lobster Tomalley	Q2-Station B	NBH19-L-B-2-TM	10/15/2019	TIS	L1958609-04	FS	130	1
L1958609	Lobster Meat	Q2-Station D	NBH19-L-D-2	7/9/2019	TIS	L1958609-05	FS	130	1
L1958609	Lobster Tomalley	Q2-Station D	NBH19-L-D-2-TM	7/9/2019	TIS	L1958609-06	FS	130	1
L1958609	Lobster Meat	Q3-Station B	NBH19-L-B-3	10/23/2019	TIS	L1958609-07	FS	130	1
L1958609	Lobster Tomalley	Q3-Station B	NBH19-L-B-3-TM	10/23/2019	TIS	L1958609-08	FS	130	1
L1958609	Lobster Meat	Q3-Station C	NBH19-L-C-3	11/4/2019	TIS	L1958609-09	FS	130	1
L1958609	Lobster Tomalley	Q3-Station C	NBH19-L-C-3-TM	11/4/2019	TIS	L1958609-10	FS	130	1
L1958609	Lobster Meat	Q3-Station D	NBH19-L-D-3	11/4/2019	TIS	L1958609-11	FS	130	1
L1958609	Lobster Tomalley	Q3-Station D	NBH19-L-D-3-TM	11/4/2019	TIS	L1958609-12	FS	130	1
L1958609	Lobster Meat	Q3-Station E	NBH19-L-E-3	11/4/2019	TIS	L1958609-13	FS	130	1
L1958609	Lobster Tomalley	Q3-Station E	NBH19-L-E-3-TM	11/4/2019	TIS	L1958609-14	FS	130	1
L1958618	Scup	Q2-Station A	NBH19-FF-A-2-SC	7/18/2019	TIS	L1958618-01	FS	130	1
L1958618	Scup	Q2-Station B	NBH19-FF-B-2-SC	6/14/2019	TIS	L1958618-02	FS	130	1
L1958618	Scup	Q2-Station D	NBH19-FF-D-2-SC	5/31/2019	TIS	L1958618-04	FS	130	1
L1958618	Scup	Q3-Station C	NBH19-FF-C-3-SC	7/23/2019	TIS	L1958618-05	FS	130	1
L1958618	Scup	Q3-Station D	NBH19-FF-D-3-SC	7/23/2019	TIS	L1958618-06	FS	130	1
L1958618	Scup	Q3-Station E	NBH19-FF-E-3-SC	8/12/2019	TIS	L1958618-07	FS	130	1
L1958618	Scup	S-MARION-1	NBH19-FF-SO1-SC	9/30/2019	TIS	L1958618-08	FS	130	1
L1958618	Scup	S-MARION-2	NBH19-FF-SO2-SC	9/30/2019	TIS	L1958618-09	FS	130	1
L1958625	Tautog	Q2-Station A	NBH19-FF-A-2-T	7/18/2019	TIS	L1958625-01	FS	130	1
L1958625	Tautog	Q2-Station B	NBH19-FF-B-2-T	5/31/2019	TIS	L1958625-02	FS	130	1
L1958625	Tautog	Q2-Station C	NBH19-FF-C-2-T	6/14/2019	TIS	L1958625-03	FS	130	1
L1958625	Tautog	Q2-Station D	NBH19-FF-D-2-T	5/31/2019	TIS	L1958625-04	FS	130	1
L1958625	Tautog	Q2-Station E	NBH19-FF-E-2-T	8/16/2019	TIS	L1958625-05	FS	130	1
L1958625	Tautog	Q3-Station A	NBH19-FF-A-3-T	8/6/2019	TIS	L1958625-06	FS	130	1

Table 1 - Sample Summary
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SDG	Comments	Location	Field Sample ID	Sample Date	Media	Lab Sample ID	QC Code	Analysis Method	LIPIDS
								8270D-SIM/680(M)	LIPIDS
								Method Class	LIPIDS
								PCB_w_Congeners	LIPIDS
								Param_Count	Param_Count
L1958625	Tautog	Q3-Station B	NBH19-FF-B-3-T	8/12/2019	TIS	L1958625-07	FS	130	1
L1958625	Tautog	Q3-Station C	NBH19-FF-C-3-T	7/23/2019	TIS	L1958625-08	FS	130	1
L1958625	Tautog	Q3-Station D	NBH19-FF-D-3-T	7/31/2019	TIS	L1958625-09	FS	130	1
L1958625	Tautog	Q3-Station E	NBH19-FF-E-3-T	8/12/2019	TIS	L1958625-10	FS	130	1
L1958625	Tautog	S-MARION-2	NBH19-FF-SO2-T	9/30/2019	TIS	L1958625-11	FS	130	1
L1958625	Tautog	S-MARION-3	NBH19-FF-SO3-T	9/30/2019	TIS	L1958625-12	FS	130	1
L1958629	Black Sea Bass	Q2-Station A	NBH19-FF-A-2-BSB	7/18/2019	TIS	L1958629-01	FS	130	1
L1958629	Black Sea Bass	Q2-Station B	NBH19-FF-B-2-BSB	6/14/2019	TIS	L1958629-02	FS	130	1
L1958629	Black Sea Bass	Q2-Station C	NBH19-FF-C-2-BSB	7/9/2019	TIS	L1958629-03	FS	130	1
L1958629	Black Sea Bass	Q2-Station D	NBH19-FF-D-2-BSB	5/13/2019	TIS	L1958629-04	FS	130	1
L1958629	Black Sea Bass	Q2-Station E	NBH19-FF-E-2-BSB	8/16/2019	TIS	L1958629-05	FS	130	1
L1958629	Black Sea Bass	Q3-Station A	NBH19-FF-A-3-BSB	8/6/2019	TIS	L1958629-06	FS	130	1
L1958629	Black Sea Bass	Q3-Station B	NBH19-FF-B-3-BSB	8/12/2019	TIS	L1958629-07	FS	130	1
L1958629	Black Sea Bass	Q3-Station C	NBH19-FF-C-3-BSB	7/23/2019	TIS	L1958629-08	FS	130	1
L1958629	Black Sea Bass	Q3-Station D	NBH19-FF-D-3-BSB	7/26/2019	TIS	L1958629-09	FS	130	1
L1958629	Black Sea Bass	Q3-Station E	NBH19-FF-E-3-BSB	8/6/2019	TIS	L1958629-10	FS	130	1
L1958629	Black Sea Bass	S-MARION-1	NBH19-FF-SO1-BSB	9/30/2019	TIS	L1958629-11	FS	130	1
L1958629	Black Sea Bass	S-MARION-2	NBH19-FF-SO2-BSB	9/30/2019	TIS	L1958629-12	FS	130	1
L1958629	Black Sea Bass	S-MARION-3	NBH19-FF-SO3-BSB	9/30/2019	TIS	L1958629-13	FS	130	1

NOTES:

TIS = tissue

FS = field sample

Param_Count - indicates the number of results reported. For PCB_w_Congeners, Param_Count of 130 includes 114 individual congeners plus 16 sets of 2-3 coeluting congeners for a total of 136 project-specific congeners and 12 additional coeluting congeners.

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
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		SDG	L1927831		L1927831		L1927831		L1927831		L1928364		L1928364	
		Location	Q3-Station A		Q3-Station B		Q3-Station C		Q3-Station D		Q3-Station E		Q1-Station A	
		Sample Date	6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/25/2019		6/26/2019	
		Sample ID	A3-A-BF		A3-B-BF		A3-C-BF		A3-D-BF		A3-E-BF		A1-A-SB-FF	
		Species	Bluefish		Bluefish		Bluefish		Bluefish		Bluefish		Striped Bass	
		Qc Code	FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.679	U	0.686	U	0.679	U	0.57	J	0.728	U	15	4.72
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.34	U	0.343	U	0.34	U	0.502	U	0.364	U	30.6	9.28
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.34	U	0.343	U	0.34	U	0.83	U	0.364	U	28.3	9.14
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.679	U	0.686	U	0.679	U	0.69	U	0.728	U	3.97	0.704
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	2.58	0.758
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.34	U	0.343	U	0.34	U	0.172	J	0.364	U	5.86	2.06
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.34	U	0.343	U	0.34	U	1.16	U	0.275	J	61	18.7
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.34	U	0.343	U	0.34	U	2.69	U	0.485	U	123	37.9
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.34	U	0.343	U	0.34	U	0.35	U	0.364	U	10	3.1
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.679	U	0.686	U	0.679	U	0.69	U	0.728	U	8.18	2.94
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.278	J	0.343	U	0.34	U	0.808	U	0.364	U	20.8	7.78
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.34	U	0.343	U	0.34	U	1.64	U	0.258	J	129	38.4
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.908	U	0.343	U	0.34	U	4.42	U	0.654	U	200	58.6
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.34	U	0.343	U	0.34	U	0.534	U	0.364	U	26.1	7.98
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	1.99	U	0.355	U	0.482	U	5.35	U	0.86	U	246	71.5
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	1.41	J	0.343	U	0.341	U	4.49	U	0.624	U	198	61.2
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.34	U	0.343	U	0.34	U	0.914	U	0.364	U	46.6	13.8
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	4.6	1.88
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.34	U	0.343	U	0.34	U	0.263	J	0.364	U	4.2	1.32
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.263	J	0.343	U	0.34	U	0.234	J	0.364	U	7.06	2.61
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	1.12	U	0.292	J	0.424	U	1.63	U	0.394	U	47.7	14.4
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	2.46	0.764
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	2.07	U	0.695	U	0.784	U	4.16	U	0.97	U	107	31.5
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.34	U	0.343	U	0.34	U	0.296	J	0.364	U	8.69	2.52
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	3.62	J	0.781	J	1.31	J	5.58	J	1.74	J	156	39.7
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	9.5	2.97
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	8.01	U	1.21	U	2.13	U	16.4	U	3.84	U	542	138
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.215	J	0.343	U	0.34	U	0.323	J	0.364	U	25.8	6.43
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	8.16	U	1.54	U	2.24	U	27.5	U	3.93	U	504	134

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1927831	L1927831	L1927831	L1927831	L1927831	L1928364	L1928364							
Location			Q3-Station A	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	Q1-Station A	Q1-Station A							
Sample Date			6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/25/2019	6/26/2019	6/26/2019							
Sample ID			A3-A-BF	A3-B-BF	A3-C-BF	A3-D-BF	A3-E-BF	A1-A-SB-FF	A1-A-SB-SC							
Species			Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	Striped Bass	Striped Bass							
Qc Code			FS	FS	FS	FS	FS	FS	FS							
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.274	J	0.343	U	0.34	U	0.985	0.364	U	53.6		14.9		
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.907		0.388		0.749		2.16		0.462		19.5		6.5	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.534		0.343	U	0.268	J	0.951		0.267	J	9.27		3.26	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.471		0.343	U	0.34	U	1.5		0.213	J	8.5		2.63	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	5.16		1.72		2.89		8.75		2.34		75.2		24.4	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	1.75		0.458	J	0.802		3.44		0.966		78.3		22.3	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	3.14		0.919		1.57		3.88		1.06		44.4		15.7	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.519		0.343	U	0.26	J	0.891		0.294	J	70.2		19.2	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.679	U	0.686	U	0.679	U	0.69	U	0.728	U	8.2		2.39	
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	2.65		0.749		1.46		8.51		1.52		63		18.2	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.34	U	0.343	U	0.34	U	0.407		0.364	U	1.8	J	0.72	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.485		0.263	J	0.424		0.622		0.225	J	5.08		1.6	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	0.568	J	1.03	U	1.02	U	1.08		1.09	U	6.99		2.17	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	2.06		0.76		1.65		2.97		1.26		15.4		5.08	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	1.98		0.745		1.58		6.88		1.69		20.2		7.01	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	1.45		0.447	J	0.721		2.07		0.675	J	29.8		9.74	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	2.62		0.786		1.2		5.32		1.72		80		21.8	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	3.75		1.39		2.31		16.6		2.2		52.7		15.5	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	4.16		1.63		2.77		6.75		2.84		63.2		18.5	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	16.3		5.98		10.5		42.7		8.94		200		55.7	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.392		0.23	J	0.314	J	0.546		0.235	J	10.3		2.54	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	17.8		6.51		12		75.9		11.9		232		65.1	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	2.48		0.851		1.69		10.8		1.55		19.4		6.46	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	2.04		0.89		1.69		9.69		1.09		13.8		4.26	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	10.2		3.7		5.92		15.9		6.45		196		59.2	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.672		0.357		0.672		3.2		0.484		6.73		1.75	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	15.8		5.2		9.91		85.3		9.22		156		46.6	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	1.04		0.489		0.635		1.88		0.66		28.2		7.64	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	5.57		2.04		2.94		17		3.11		103		31	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.283	J	0.343	U	0.172	J	0.661		0.364	U	3.65		1.07	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.34	U	0.343	U	0.34	U	0.263	J	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	3.41		1.32		2.71		13.5		2.08		18.4		6.09	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	1.55		0.699		1.47		7.76		1.52		17.8		5.29	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	1.74		0.914		1.6		6.64		1.22		12		4.33	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.34	U	0.343	U	0.34	U	0.208	J	0.364	U	1.65	J	0.464	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	2.4		1.1		2.16		5.54		1.68		13.7		5.66	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.653		0.377		0.569		1.22		0.434		6.79		2.06	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1927831		L1927831		L1927831		L1927831		L1927831		L1928364		L1928364	
		Location	Q3-Station A		Q3-Station B		Q3-Station C		Q3-Station D		Q3-Station E		Q1-Station A		Q1-Station A	
		Sample Date	6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/25/2019		6/26/2019		6/26/2019	
		Sample ID	A3-A-BF		A3-B-BF		A3-C-BF		A3-D-BF		A3-E-BF		A1-A-SB-FF		A1-A-SB-SC	
		Species	Bluefish		Bluefish		Bluefish		Bluefish		Bluefish		Striped Bass		Striped Bass	
		Qc Code	FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	1.6		0.911		1.48		4.1		0.924		10.4		3.75	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	1.26		0.616		1.08		3.78		0.913		16.3		4.8	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.598		0.315	J	0.481		2.5		0.503		6.28		1.79	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	14.3		6.7		13.1		75.9		9.34		75.2		24.8	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.884		0.596		1.2		3.86		1.15		8.48		2.46	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.369		0.343	U	0.475		1.26		0.364		2.44		0.75	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	5.89		4.03		6.96		29.7		3.71		32.8		10.1	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	11.4		6.06		10.4		37.3		8.34		132		39	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	2.48		1.69		3.3		9.61		2.24		22.8		6.64	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	29.9		15.9		29.4		166		19		194		55.9	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	1.18		0.986		1.72		2.97		0.898		12		3.16	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.34	U	0.343	U	0.538		0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	1.28		0.48		1.03		7.47		0.995		12.5		4.33	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.525		0.268	J	0.488		2.67		0.371		2.65		0.993	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	6.14		3.05		5.48		29.9		3.98		44.2		12.4	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.08		0.572		1.12		4.95		0.486		7.49		2.31	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	1.93		1.13		2.86		9.64		1.97		11.8		3.72	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.702		0.659		1.06		2.49		0.682		3.57		1.28	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.486		0.333	J	0.792		1.75		0.466		2.6		0.633	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.922		0.863		1.76		2.33		1.09		4.38		1.75	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.25	J	0.237	J	0.441		0.534		0.308	J	1.14	J	0.303	J
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	1.52		1.45		2.76		5.44		1.52		5.21		1.97	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.25		1.33		2.37		3.57		1.17		4.06		1.36	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	4.28		3.58		7.64		17.9		4.93		20.5		6.08	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.679	U	0.686	U	0.366	J	0.655	J	0.728	U	3.97	U	0.789	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	1.78		1.48		3.18		6.86		1.92		8.5		2.61	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.34	U	0.343	U	0.34	U	0.345	U	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.34	U	0.343	U	0.206	J	0.297	J	0.221	J	1.98	U	0.211	J
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	6.16		5.93		11.5		22.5		6.14		26.6		8.67	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.34	U	0.343	U	0.225	J	0.279	J	0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.171	J	0.343	U	0.34	U	0.605		0.364	U	1.98	U	0.394	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.369		0.246	J	0.626		1.36		0.474		2.79		0.765	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.34	U	0.343	U	0.34	U	0.379		0.364	U	0.996	J	0.216	J

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			L1927831		L1927831		L1927831		L1927831		L1928364		L1928364			
			Q3-Station A		Q3-Station B		Q3-Station C		Q3-Station D		Q3-Station E		Q1-Station A		Q1-Station A	
			6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/25/2019		6/26/2019		6/26/2019	
			A3-A-BF		A3-B-BF		A3-C-BF		A3-D-BF		A3-E-BF		A1-A-SB-FF		A1-A-SB-SC	
			Bluefish		Bluefish		Bluefish		Bluefish		Bluefish		Striped Bass		Striped Bass	
			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.405		0.259 J		0.608		1.53		0.34 J		1.55 J		0.611	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	1.06		1.05		2.7		3.65		1.9		4.16		1.52	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.291 J		0.253 J		0.792		0.866		0.492		1.23 J		0.528	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.659		0.742		1.82		2.22		0.92		2.84		0.745	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.187 J		0.343 U		0.348		0.401		0.213 J		1.98 U		0.394 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.34 U		0.343 U		0.187 J		0.18 J		0.364 U		1.98 U		0.394 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	1.88		1.79		4.28		5.06		2.94		5.16		2.41	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	1.2		1.13		2.42		2.58		1.81		2.11		1.18	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.805		0.756		1.78		2.13		1.66		2.34		0.975	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.535 J		0.523 J		1.13		1.21		0.676 J		3.97 U		0.489 J	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.34 U		0.343 U		0.34 U		0.345 U		0.364 U		1.98 U		0.394 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	1.79		1.16		3.98		3.32		3.57		3.99		2.16	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.269 J		0.197 J		0.708		0.531		0.569		1.98 U		0.369 J	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.994		0.805		2.26		1.52		2.08		2		1.09	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.956 J		0.936 J		3 J		1.37		3.02		2.22		1.65	
LIPIDS	Lipids	PERCEN	3.02		1.54		1.6		2.79		1.14		4.82		1.7	

NOTES:

ug/kg = microgram per kilogram

U = not detected at the reported detection limit

J = estimated value

J- = estimated value, biased low

J+ = estimated value, biased high

FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1928364		L1928364		L1928364		L1928364		L1928364		L1928364		L1928364	
Location			Q1-Station B		Q1-Station B		Q1-Station C		Q1-Station C		Q1-Station D		Q1-Station D		Q1-Station E	
Sample Date			6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019	
Sample ID			A1-B-SB-FF		A1-B-SB-SC		A1-C-SB-FF		A1-C-SB-SC		A1-D-SB-FF		A1-D-SB-SC		A1-E-SB-FF	
Species			Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass	
Qc Code			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.343	J	0.38	U	0.386		0.361	U	0.678		0.201	J	1.41	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	8.67		2.2		7.89		2.16		17.3		4.22		3.67	
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	13.3		3.25		12.1		3.56		29		6.83		9.1	
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.403		0.38	U	0.375		0.361	U	0.845		0.224	J	1.41	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	13.1		4.07		11.7		3.66		27.6		8.15		8.68	
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	1.77		0.558	J	1.96		0.586	J	2.18		0.583	J	2.82	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	2.19		0.59		2.26		0.612		3.14		0.749		1.13	J
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	2.01		0.5		2.56		1.07		4.74		1.07		5.92	
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	15.6		3.82		20		7.72		45.6		10		109	
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	34.4		7.9		40.6		15.6		93.4		19.6		180	
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	3.94		0.966		3.64		1.15		8.74		1.97		3.79	
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	2.14		0.552	J	2.66		1.27		5.75		1.52		18.6	
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	4.88		2.43		6.07		3.53		16.7		7.83		43.1	
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.263	J	0.385	U	1.41	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	26.4		6.02		34.3		15.5		87.5		20.3		326	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	38.6		8.92		52.6		23.3		141		28.4		491	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	7		1.69		7.78		3.19		19.1		4.27		31	
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	41.9		10.3		57.9		27.2		172		38.3		644	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	41.2		9.78		48.7		26		135		29.3		469	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	11.2		2.78		14.7		6.01		33.6		7.57		87.1	
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	1.3		0.359	J	1.39		0.361	U	5.94		0.919		10.4	
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	1.27		0.329	J	0.846		0.595		3.24		0.694		1.41	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	1.42		0.447		1.59		1.1		6.66		1.36		16.9	
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.246	J	0.38	U	0.256	J	0.194	J	0.824		0.23	J	1.41	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	6.51		1.64		7.35		5.65		35.3		7.24		127	
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.482		0.38	U	0.448		0.354	J	1.87		0.364	J	5.66	
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	15.8		3.64		19.6		13.6		76.5		15.7		274	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	1.65		0.395		2.29		1.2		5.67		1.26		19.1	
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	18.4		4.18		18.1		14.1		106		20.6		392	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	1.45		0.36	J	1.53		1.12		6.51		1.45		19.7	
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	62.1		13.6		68.1		49.8		366		69.8		1380	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.354	U	0.38	U	0.193	J	0.361	U	0.551		0.385	U	2.33	
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	3.14		0.763		4.38		2.32		15.1		3.23		68.8	
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	60.7		13.5		72.9		51.6		349		66.3		1280	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code Units	L1928364		L1928364		L1928364		L1928364		L1928364		L1928364					
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	8.18		1.95		11		5.64		33.6		7.03		124		54.9	
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.354 U		0.38 U		0.174 J		0.361 U		0.363 J		0.385 U		1.41 U		0.763 U	
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	3.21		0.78		2.34		2.35		13.4		3.23		36.7		17.6	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	1.56		0.369 J		1.16		1.56		7.74		2.09		16.5		9.4	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	1.25		0.272 J		1.02		1.04		6.86		1.36		17.8		7.73	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	11.5		2.63		9.18		10.9		59.2		12.2		137		63.3	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	10.6		2.64		11.4		9.55		60.5		12.6		186		84.2	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	7.29		1.73		6.08		7.19		36.3		7.34		81.4		37.7	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	8.68		2.27		10.4		7.09		45.6		10.2		204		102	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	1.38		0.76 U		1.74		1.04		5.44		1.26		15.3		7.33	
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	8.66		2.06		6.75		7.25		47.1		9.51		135		62.3	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.354 U		0.38 U		0.343 U		0.361 U		0.367 U		0.385 U		1.41 U		0.763 U	
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.348 J		0.38 U		0.317 J		0.361 U		0.906		0.247 J		2.74		0.918	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.354 U		0.38 U		0.343 U		0.361 U		0.367 U		0.385 U		1.41 U		0.763 U	
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.854		0.263 J		0.582		0.741		3.55		0.798		7.18		2.95	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	0.884 J		1.14 U		0.701 J		1.24		6.04		1.1 J		14.1		6.25	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	3.29		0.805		1.69		2.43		11.2		2.18		23.3		10.6	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	3.61		0.874		2.07		3.28		15.2		2.88		28.3		13.2	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	4.04		1.18		3.65		4.44		20.5		5.04		58.7		29.8	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	9.12		2.14		6.85		8.48		57.9		12.3		180		82.8	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	7.9		1.81		4.44		5.99		38		7.63		101		44.1	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	9.89		2.42		5.61		7.99		45.7		9.23		123		57.8	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	38.2		8.22		15.3		21.5		130		25.4		359		156	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	1.85		0.442		0.663		0.83		6.84		1.28		22.6		10.1	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	36.2		8.05		18.8		26.7		165		31.3		437		188	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.354 U		0.38 U		0.343 U		0.361 U		0.367 U		0.385 U		0.739 J		0.763 U	
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	3.71		0.976		1.95		3.35		14.5		2.81		26		10.8	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	3.22		0.682 J		1.53		1.94		9.97		1.58		23.1		8.51	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	23.2		5.77		16.4		26.6		154		31.7		392		180	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1.53		0.278 J		0.654		0.726		3.68		0.706		9.87		3.9	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	30.7		5.89		12.4		19.8		106		17.2		245		94.2	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	4.67		1.12		1.98		2.38		18.8		3.98		60.1		27.7	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	12.8		3.09		11.1		14		80.3		16		214		96	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.597		0.38 U		0.346		0.56		2.44		0.437		5.64		2.25	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.354 U		0.38 U		0.343 U		0.361 U		0.296 J		0.385 U		1.41 U		0.763 U	
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	4.79		0.985		2.11		2.97		12.9		2.4		26.6		11.3	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	3.88		0.885		1.29		2.32		11.5		2.26		29.3		13	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	2.44		0.548 J		1.16		2.06		9.61		1.81		19.3		8.3	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.302 J		0.38 U		0.343 U		0.205 J		1.09		0.287 J		3.01		1.4	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	2.65		0.636		1.67		3.08		11.3		2.13		18.7		8.61	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.842		0.38 U		0.545		0.902		5.07		0.945		11.8		5.28	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1928364		L1928364		L1928364		L1928364		L1928364		L1928364		L1928364	
Location			Q1-Station B		Q1-Station B		Q1-Station C		Q1-Station C		Q1-Station D		Q1-Station D		Q1-Station E	
Sample Date			6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019	
Sample ID			A1-B-SB-FF		A1-B-SB-SC		A1-C-SB-FF		A1-C-SB-SC		A1-D-SB-FF		A1-D-SB-SC		A1-E-SB-FF	
Species			Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass	
Qc Code			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	1.59		0.344	J	1.1		1.86		9.1		1.64		17.2	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	1.98		0.513		1.28		1.84		10.7		2.2		32.2	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.47		0.387		0.47		0.922		4.15		0.825		9.23	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	22.8		4.38		9.44		11.4		48.5		8.86		98.2	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.75		0.388		0.864		1.29		5.8		1.01		11.2	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.645		0.38	U	0.292	J	0.364		1.84		0.342	J	4.22	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	9.7		1.88		4.16		4.43		22.4		3.82		51.3	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	19.4		4.18		9.95		16.5		95.1		16.8		240	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	4.82		1.02		2.39		2.5		16		2.88		40.8	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	54.5		9.95		19.8		24		125		20.4		305	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	3.2		0.706		1.09		1.11		7.54		1.61		21.4	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	2.89		0.38	U	1.19		2.34		8.8		0.385	U	18.1	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.642		0.38	U	0.302	J	0.473		1.64		0.385	U	3.74	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	10.2		2.05		3.78		5.4		31		5.32		78.2	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.98		0.384		0.794		0.948		5		0.926		12.1	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	3.64		0.875		1.64		1.86		8.56		1.68		18.2	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	1.26		0.362	J	0.635		0.562		2.66		0.619		6.14	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.709		0.25	J	0.453		0.417		1.48		0.338	J	3.32	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	1.13		0.388		0.832		0.965		3.28		0.734		5.84	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.305	J	0.38	U	0.177	J	0.22	J	0.618		0.385	U	1.61	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	2.19		0.484		1.22		1		3.97		0.758		7.19	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.59		0.378	J	1.03		0.697		3.14		0.609		5.88	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	7.15		1.59		3.5		3.04		14.2		2.85		29	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.708	U	0.76	U	0.686	U	0.722	U	0.598	J	0.771	U	2.82	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	3.18		0.698		1.54		1.3		5.94		1.05		11.9	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.234	J	0.38	U	0.343	U	0.361	U	0.513		0.385	U	1.07	J
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	10.9		2.3		5.85		4.44		19.6		3.74		39	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.184	J	0.38	U	0.343	U	0.361	U	0.304	J	0.385	U	1.41	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.193	J	0.38	U	0.343	U	0.361	U	0.62		0.385	U	1.52	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.773		0.235	J	0.383		0.365		1.78		0.593		4.24	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.252	J	0.38	U	0.343	U	0.361	U	0.438		0.385	U	1.03	J

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 New Bedford, Massachusetts

			L1928364		L1928364		L1928364		L1928364		L1928364		L1928364		L1928364	
			Q1-Station B		Q1-Station B		Q1-Station C		Q1-Station C		Q1-Station D		Q1-Station D		Q1-Station E	
			6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019		6/26/2019	
			A1-B-SB-FF		A1-B-SB-SC		A1-C-SB-FF		A1-C-SB-SC		A1-D-SB-FF		A1-D-SB-SC		A1-E-SB-FF	
			Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass	
			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.643		0.38	U	0.322	J	0.242	J	1.03		0.24	J	2.59	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	1.8		0.489		1.16		0.714		3.34		0.635		5.56	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.595		0.38	U	0.298	J	0.286	J	1.03		0.385	U	1.92	0.838
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	1.03		0.339	J	0.731		0.428		1.52		0.377	J	2.94	1.4
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.207	J	0.38	U	0.172	J	0.361	U	0.272	J	0.385	U	1.41	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	2.77		0.696		1.73		1.04		4.03		0.952		5.74	2.97
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	1.28		0.319	J	1.02		0.526		1.73		0.426		2.37	0.934
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	1.34		0.252	J	0.788		0.664		2.49		0.455		5.37	1.72
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.669	J	0.76	U	0.48	J	0.722	U	0.836		0.771	U	2.82	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.354	U	0.38	U	0.343	U	0.361	U	0.367	U	0.385	U	1.41	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	2.12		0.776		2.04		0.883		3.23		0.766		4.11	2.26
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.351	J	0.38	U	0.345		0.361	U	0.476		0.385	U	1.41	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	1.18		0.376	J	1		0.532		1.32		0.317	J	1.96	0.927
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	1.73		0.84		1.65		0.848		1.98		0.567		1.67	1.17
LIPIDS	Lipids	PERCEN	2.13		1.62		2.98		1.46		2.12		1.29		1.32	1.44

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1928364	L1928364	L1928364	L1928364	L1928364	L1928364	L1928364	L1928364
Location			Q3-Station A	Q3-Station A	Q3-Station B	Q3-Station B	Q3-Station C	Q3-Station C	Q3-Station D	Q3-Station D
Sample Date			6/27/2019	6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample ID			A3-A-SB-FF	A3-A-SB-SC	A3-B-SB-FF	A3-B-SB-SC	A3-C-SB-FF	A3-C-SB-SC	A3-D-SB-FF	A3-D-SB-SC
Species			Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.674	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.38 U	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	16.4 J	2.52 J	0.719 U	0.577 J	0.771 U	0.71 U	0.78 U	0.739 U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.38 U	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	31.2 J	4.29	0.268 J	0.518	0.385 U	0.355 U	0.39 U	0.364 J
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.829 J	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	28.7 J	5.55	0.352 J	0.698	0.246 J	0.355 U	0.39 U	0.375
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.38 U	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.994	4.21 U	0.719 U	0.795 U	0.771 U	0.71 U	0.78 U	0.739 U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	1.67 J	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	3.13 J	2.1 U	0.36 U	1.34	0.385 U	0.355 U	0.39 U	0.376
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	35.1 J	4.94	0.859	1.7	0.55	0.283 J	0.462	0.899
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	76.3 J	9.68	1.48	2.88	0.943	0.489	0.84	1.94
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	9.86 J	1.4 J	0.36 U	0.336 J	0.385 U	0.355 U	0.39 U	0.196 J
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	2.76 J	4.21 U	0.719 U	0.795 U	0.771 U	0.71 U	0.78 U	0.739 U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	6.22 J	2.29	0.622	1.14	0.357 J	0.355 U	0.373 J	0.723
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.21 J	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	44.3 J	8.04	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	70.8 J-	8.63	2.04	3.87	0.859	0.819	0.795	2.72
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	17.7 J	2.53	0.309 J	0.62	0.221 J	0.355 U	0.39 U	0.43
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	67.6 J-	8.72	3.23	6.45	2.2	1.32	1.72	3.36
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.38 U	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	66.3 J-	8.08	3.51	5.33	2.57	1.29	1.51	3.83
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	25.3 J	3.44	0.674	1.4	0.499	0.227 J	0.388 J	0.734
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	1.39 J	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.893 J	2.1 U	0.36 U	1.28	0.385 U	0.355 U	0.39 U	0.195 J
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	1.75 J	2.1 U	0.506	0.85	0.259 J	0.355 U	0.328 J	0.272 J
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.208 J	2.1 U	0.36 U	0.254 J	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	7.33 J	1.27 J	1.92	3.62	0.822	0.586	0.851	1.22
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.488	2.1 U	0.36 U	0.208 J	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	20.4 J	2.67	3.2	6.71	1.64	1.09	1.85	2.71
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	2.72 J	2.1 U	0.267 J	0.519	0.206 J	0.355 U	0.39 U	0.281 J
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	22.2 J	2.8	6.54	13.6	1.77	1.36	2.08	2.58
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	1.44 J	2.1 U	0.489	1.05	0.319 J	0.355 U	0.267 J	0.274 J
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	79.6 J	9.33	14.3	29.9	4.28	3.77	4.75	8.52
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.286 J	2.1 U	0.36 U	0.398 U	0.385 U	0.355 U	0.39 U	0.37 U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	6.59 J	2.1 U	0.362	0.682	0.385 U	0.355 U	0.39 U	0.29 J
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	87.7 J	11	11.3	23	4.15	3.58	4.48	8.88

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1928364	L1928364	L1928364	L1928364	L1928364	L1928364	L1928364	L1928364
Location			Q3-Station A	Q3-Station A	Q3-Station B	Q3-Station B	Q3-Station C	Q3-Station C	Q3-Station D	Q3-Station D
Sample Date			6/27/2019	6/27/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample ID			A3-A-SB-FF	A3-A-SB-SC	A3-B-SB-FF	A3-B-SB-SC	A3-C-SB-FF	A3-C-SB-SC	A3-D-SB-FF	A3-D-SB-SC
Species			Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass	Striped Bass
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	18.4	J	2.25		0.744		1.4	
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.46		2.1	U	0.36	U	0.398	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	2.62	J	2.1	U	1.5		3.44	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	1.04	J	2.1	U	0.675		1.3	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	1.37	J	2.1	U	0.873		1.74	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	9.32	J	1.46	J	7.5		15.2	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	11.8	J	4.21	U	2.78		5.48	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	5.18	J	2.1	U	3.56		7.32	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	13.4	J	2.03	J	1.72		3.44	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	3.02	J	4.21	U	0.719	U	0.795	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	7.18	J	1.08	J	4.78		9.86	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.391		2.1	U	0.242	J	0.511	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.669	J	2.1	U	0.913		1.4	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.06	J	6.32	U	0.68	J	1.24	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	2.8	J	2.1	U	3.56		7.46	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	3.05	J	4.21	U	3.12		6.69	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	4.42	J	4.21	U	1.23		2.58	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	9.04	J	1.73	J	4.7		9.86	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	8.25	J	1.32	J	6.42		13.7	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	7.79	J	1.76	J	8.62		17.5	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	29.1	J	4.06		33.1		71.1	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	1.2	J	2.1	U	1.2		2.25	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	34.1	J	4.45		31.1		66.9	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	3.81	J	2.1	U	3.68		7.44	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	3.55	J	4.21	U	3.39		6.88	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	22.3	J	3.42		15.1		31.5	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1.57	J	2.1	U	1.17		2.4	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	30	J	4.21		30.4		62.2	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	3.27	J	2.1	U	3.48		7.36	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	14.8	J	6.32	U	5.92		12.1	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.472		2.1	U	0.435		0.858	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	5.56	J	1.09	J	4.87		10.4	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	3.66	J	4.21	U	3.78		7.6	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	2.67	J	4.21	U	2.32		4.86	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.217	J	2.1	U	0.213	J	0.406	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	2.31	J	2.1	U	2.41		5.06	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.73	J	2.1	U	0.628		1.13	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1928364		L1928364		L1928364		L1928364		L1928364		L1928364		L1928364	
Location			Q3-Station A		Q3-Station A		Q3-Station B		Q3-Station B		Q3-Station C		Q3-Station C		Q3-Station D	
Sample Date			6/27/2019		6/27/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019	
Sample ID			A3-A-SB-FF		A3-A-SB-SC		A3-B-SB-FF		A3-B-SB-SC		A3-C-SB-FF		A3-C-SB-SC		A3-D-SB-FF	
Species			Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass	
Qc Code			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	1.51	J	2.1	U	1.14		2.29		0.747		0.632		0.722	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	1.92	J	2.1	U	1.26		2.96		0.537		0.373		0.594	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.38	J	2.1	U	1.28		2.71		0.566		0.375		0.381	J
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	27	J	4.21		22		43.8		11.2		6.13		6.52	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.8	J	2.1	U	1.59		3.49		0.804		0.418		0.708	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.56		2.1	U	0.55		1.2		0.357	J	0.355	U	0.269	J
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	11.1	J	1.71	J	9		18.8		4.93		2.62		2.76	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	16.9	J	2.5	J	15.7		33		6.63		5.3		5.58	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	4.57	J	2.1	U	4.1		9.11		2.14		1		1.62	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	59.7	J	8.5		47.1		99.4		23.9		14		13	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	2.11	J	2.1	U	2.32		4.91		1.07		0.514		0.658	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.38	U	2.1	U	0.36	U	0.215	J	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	3.24	J	2.1	U	2.64		6.09		1.22		1.69	J	1.03	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.944	J	2.1	U	0.599		1.22		0.345	J	0.318	J	0.26	J
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	11.5	J	4.21	U	9.36		21.9		4.53		2.66		2.77	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	2.04	J	2.1	U	1.74		3.54		1.18		0.569		0.623	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	4.54	J	2.1	U	3.17		6.62		2.33		1.07		1.34	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	1.27	J	2.1	U	1.03		2.12		0.812		0.304	J	0.633	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.789	J	2.1	U	0.67		1.16		0.583		0.274	J	0.426	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	1.14	J	2.1	U	1.09		2.16		0.892		0.531		0.711	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.257	J	2.1	U	0.298	J	0.628		0.247	J	0.355	U	0.238	J
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	2.06	J	2.1	U	1.77		3.99		1.59		0.641		1.05	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.72	J	2.1	U	1.35		2.92		1.34		0.495		0.851	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	8.17	J	2.1	U	5.81		12.1		5.46		1.9		3.08	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.76	U	4.21	U	0.719	U	0.577	J	0.771	U	0.71	U	0.78	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	3.04	J	2.1	U	2.53		5.36		2.55		0.867		1.32	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.38	U	2.1	U	0.36	U	0.421		0.236	J	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	11.3	J	1.97	J	9.02		19.4		8.51		2.73		4.65	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.38	U	2.1	U	0.36	U	0.26	J	0.217	J	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.387		2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.675		2.1	U	0.63		1.19		0.539		0.244	J	0.342	J
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.22	J	2.1	U	0.187	J	0.3	J	0.385	U	0.355	U	0.39	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1928364		L1928364		L1928364		L1928364		L1928364		L1928364		L1928364	
		Location	Q3-Station A		Q3-Station A		Q3-Station B		Q3-Station B		Q3-Station C		Q3-Station C		Q3-Station D	
		Sample Date	6/27/2019		6/27/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019	
		Sample ID	A3-A-SB-FF		A3-A-SB-SC		A3-B-SB-FF		A3-B-SB-SC		A3-C-SB-FF		A3-C-SB-SC		A3-D-SB-FF	
		Species	Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass		Striped Bass	
		Qc Code	FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	CI7-BZ#193	UG/KG	0.861		2.1	U	0.495		1.04		0.558		0.178	J	0.22	J
8270D-SIM/680(M)	CI8-BZ#194	UG/KG	2.16	J	2.1	U	1.57		3.05		1.93		0.614		1.13	
8270D-SIM/680(M)	CI8-BZ#195	UG/KG	0.527		2.1	U	0.412		0.84		0.441		0.229	J	0.351	J
8270D-SIM/680(M)	CI8-BZ#196	UG/KG	1.44	J	2.1	U	0.945		1.84		1.44		0.504		0.494	
8270D-SIM/680(M)	CI8-BZ#197	UG/KG	0.249	J	2.1	U	0.197	J	0.367	J	0.27	J	0.355	U	0.39	U
8270D-SIM/680(M)	CI8-BZ#199	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	CI8-BZ#201	UG/KG	2.85	J	2.1	U	2.34		5.05		3.7		0.902		1.43	
8270D-SIM/680(M)	CI8-BZ#202	UG/KG	1.19	J	2.1	U	1.17		2.26		2.1		0.519		0.729	
8270D-SIM/680(M)	CI8-BZ#203	UG/KG	1.47	J	2.1	U	1.19		2.18		1.65		0.426		0.756	
8270D-SIM/680(M)	CI8-BZ#204/#200	UG/KG	0.602	J	4.21	U	0.527	J	1.06		0.777		0.71	U	0.78	U
8270D-SIM/680(M)	CI8-BZ#205	UG/KG	0.38	U	2.1	U	0.36	U	0.398	U	0.385	U	0.355	U	0.39	U
8270D-SIM/680(M)	CI9-BZ#206	UG/KG	1.86	J	2.1	U	2.37		4.6		4.2		1.42		1.57	
8270D-SIM/680(M)	CI9-BZ#207	UG/KG	0.39		2.1	U	0.42		0.649		0.618		0.208	J	0.265	J
8270D-SIM/680(M)	CI9-BZ#208	UG/KG	0.938	J	2.1	U	1.17		2.14		2.33		0.704		0.876	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	1.31	J	2.1	U	2.03		3.12		3.72		1.5		1.45	
LIPIDS	Lipids	PERCEN	1.11		1.43		3.08		4.22		1.93		1.2		1.73	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code	L1928364		L1928364		L1940598		L1940598		L1940598		L1940598		L1940598	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	C1-BZ#1	UG/KG	0.378	U	0.378	U	1.73		0.599		1.42		2.14		0.989	J
8270D-SIM/680(M)	C1-BZ#3	UG/KG	0.378	U	0.378	U	1.51	U	0.399	U	0.752	U	1.42	U	1.39	U
8270D-SIM/680(M)	C12-BZ#4/#10	UG/KG	0.756	U	0.756	U	23		7.38		20.1		35.3		15.7	
8270D-SIM/680(M)	C12-BZ#5	UG/KG	0.378	U	0.378	U	1.51	U	0.399	U	0.752	U	1.42	U	1.39	U
8270D-SIM/680(M)	C12-BZ#6	UG/KG	0.234	J	0.378	U	58.7		18.3		47.3		94.4		40.2	
8270D-SIM/680(M)	C12-BZ#7	UG/KG	0.378	U	0.378	U	1.72		0.49		1.23		2.78		1.52	
8270D-SIM/680(M)	C12-BZ#8	UG/KG	0.351	J	0.378	U	59.4		17.2		43		93.5		39.5	
8270D-SIM/680(M)	C12-BZ#12	UG/KG	0.378	U	0.378	U	1.51	U	0.399	U	0.752	U	1.42	U	1.39	U
8270D-SIM/680(M)	C12-BZ#13	UG/KG	0.756	U	0.756	U	3.02	U	0.536	J	2.03		2	J	2.78	U
8270D-SIM/680(M)	C12-BZ#15	UG/KG	0.378	U	0.378	U	1.1	J	0.494		1.88		1.99		0.903	J
8270D-SIM/680(M)	C13-BZ#16	UG/KG	0.378	U	0.378	U	14.5		4.31		9.29		22.7		11.3	
8270D-SIM/680(M)	C13-BZ#17	UG/KG	1.06		0.369	J	116		33.5	J+	73		183		87.1	
8270D-SIM/680(M)	C13-BZ#18	UG/KG	1.65		0.526		246		71.1	J+	157		390		185	
8270D-SIM/680(M)	C13-BZ#19	UG/KG	0.378	U	0.378	U	16.4		5.14		12		25.7		12.3	
8270D-SIM/680(M)	C13-BZ#21/#20	UG/KG	0.756	U	0.756	U	23.1		5.94		13.1		30.8		14	
8270D-SIM/680(M)	C13-BZ#22	UG/KG	0.808		0.428		59.5		15.9		31.1		90.7		44.9	
8270D-SIM/680(M)	C13-BZ#24	UG/KG	0.378	U	0.378	U	1.35	J	0.364	J	0.573	J	1.6		0.878	J
8270D-SIM/680(M)	C13-BZ#25	UG/KG	0.378	U	0.378	U	221		56	J+	142		370		159	
8270D-SIM/680(M)	C13-BZ#26	UG/KG	2.99		0.982		407		118		228		628		304	
8270D-SIM/680(M)	C13-BZ#27	UG/KG	0.34	J	0.378	U	41.4		12.7		28.1		66.2		31.1	
8270D-SIM/680(M)	C13-BZ#28	UG/KG	5.86		1.83		553		148		288		830		425	
8270D-SIM/680(M)	C13-BZ#29	UG/KG	0.378	U	0.378	U	1.51	U	0.399	U	0.752	U	1.42	U	1.39	U
8270D-SIM/680(M)	C13-BZ#31	UG/KG	4.26		1.58		492		128		266		746		362	
8270D-SIM/680(M)	C13-BZ#32	UG/KG	0.834		0.382		77.2		23.6		48.1		122		56.6	
8270D-SIM/680(M)	C13-BZ#33	UG/KG	0.668		0.378	U	25.5		6.46	J	12.8		43.8		22.6	
8270D-SIM/680(M)	C13-BZ#37	UG/KG	0.472		0.378	U	6.58		1.8		3.64		9.2		4.69	
8270D-SIM/680(M)	C14-BZ#40	UG/KG	0.596		0.378	U	22.8		6.68		11.9		35.1		16.7	
8270D-SIM/680(M)	C14-BZ#41	UG/KG	0.378	U	0.378	U	4.03		1.32		1.89		7.41		3.15	
8270D-SIM/680(M)	C14-BZ#42	UG/KG	2.76		0.837		99.4		30.2	J+	55.3		158		82.1	
8270D-SIM/680(M)	C14-BZ#43	UG/KG	0.209	J	0.378	U	6.35		1.95		3.29		9.78		4.75	
8270D-SIM/680(M)	C14-BZ#44	UG/KG	4.96		1.59		227		66.7	J+	120		352		182	
8270D-SIM/680(M)	C14-BZ#45	UG/KG	0.43		0.378	U	18.8		5.54		10.8		29.6		15.4	
8270D-SIM/680(M)	C14-BZ#47	UG/KG	7.78		2.38		304		89.2		160		458		250	
8270D-SIM/680(M)	C14-BZ#48	UG/KG	0.795		0.233	J	21.9		6.93		11.9		34.1		18.6	
8270D-SIM/680(M)	C14-BZ#49	UG/KG	19.3		5.68		890		269		492		1360		736	
8270D-SIM/680(M)	C14-BZ#50	UG/KG	0.378	U	0.378	U	1.4	J	0.496		0.683	J	1.95		1.33	J
8270D-SIM/680(M)	C14-BZ#51	UG/KG	0.501		0.378	U	29.4		9.57		18.8		46.6		23.9	
8270D-SIM/680(M)	C14-BZ#52	UG/KG	17.4		5.16		900		270		492		1380		741	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code Units	L1928364		L1928364		L1940598		L1940598		L1940598		L1940598		L1940598		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.935		0.365 J		82.3		25.4		48.4		128		64.6		74.8
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.378 U		0.378 U		1.07 J		0.299 J		0.61 J		1.41 J		0.783 J		0.881 J
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	2.14		0.705		51		14.5		26.5		78.1		40.8		42.7
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.922		0.364 J		28.3		8.62		15.3		46.7		23.4		24.8
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	1.11		0.274 J		20.6		5.97		10.4		32.5		16.2		17.3
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	11.4		3.38		215		61.4 J+		107		330		180		177
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	3.94		1.23		169		50.4		91.8		260		136		148
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	5.23		1.6		155		43.8 J+		77.4		241		127		129
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	2.4		0.712		98.2		30.5 J+		54.4		152		79		89.9
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.756 U		0.756 U		13.7		4.2		7.49		19.5		10.4		12.2
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	5.97		1.87		148		42.3 J+		75.4		228		120		123
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.378 U		0.378 U		0.915 J		0.399 U		0.406 J		1.55		1.39 U		1.5 U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.308 J		0.378 U		7.43		1.64 J		3.24		10.7		6.18		4.87
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.858		0.392		17.1		4.8 J		7.76		25.8		13.1		14.3
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	0.896 J		1.13 U		20.6		6.01 J		11.7		30.6		16		18
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	5		1.57		48.8		13.2 J		24.6		76		43.6		38.3
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	4.2		1.25		63.3		18.1		31.5		98		52.2		51.8
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	1.7		0.834		72.1		22.4		38.2		111		59.2		63.3
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	5.73		1.81		154		48.3 J+		86.3		234		129		139
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	7.24		2.18		115		36 J+		60.2		178		98.4		99.2
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	10.1		3.24		152		44.8 J+		78		229		124		127
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	36.6		11.5		432		128		226		655		370		367
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.831		0.415		15.8		4.92 J		8.34		22.8		13		14.1
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	38.4		11.8		544		164		285		826		464		466
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	5.26		1.57		62.8		18.6		30		96.2		50.8		50.1
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	4.5		1.29		39.7		11.5		19.4		59		32.4		33
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	21.3		6.66		444		138		239		682		377		394
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1.44		0.511		14.7		4.44		7.07		19.5		12.6		11.8
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	36.7		10.3		430		124		208		654		354		350
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	2.96		0.923		42.8		13.3 J		22.6		64		35.2		37.6
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	7.55		2.38		259		77.6		137		389		215		230
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.574		0.378 U		10.4		2.97 J		5.08		15.4		7.66		8.96
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.378 U		0.378 U		1.23 J		0.399 U		0.979		1.93		1.39 U		1.1 J
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	7.15		2.09		52.6		16.9		26.5		79.8		44.1		44
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	3.96		1.26		43.1		14.3		23.3		66.8		37.2		39.7
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	3.16		1		39		12.8		19.8		57.4		33		32.6
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.255 J		0.378 U		5.43		1.51		2.44		6.75		3.76		4.14
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	3.65		1.23		61.2		18.4		28.8		93		51.8		48.9
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.845		0.29 J		19.7		6.3		10.4		29		15.9		16.8

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1928364		L1928364		L1940598		L1940598		L1940598		L1940598		L1940598		L1940598	
		Location	Q3-Station E		Q3-Station E		Q1-Station A		Q1-Station B		Q1-Station C		Q1-Station D		Q1-Station E		Q2-Station A	
		Sample Date	6/28/2019		6/28/2019		9/4/2019		9/5/2019		9/5/2019		9/6/2019		9/6/2019		9/5/2019	
		Sample ID	A3-E-SB-FF		A3-E-SB-SC		A1-A-BF		A1-B-BF		A1-C-BF		A1-D-BF		A1-E-BF		A2-A-BF	
		Species	Striped Bass		Striped Bass		Bluefish		Bluefish		Bluefish		Bluefish		Bluefish		Bluefish	
		Qc Code	FS		FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	1.72		0.516		37.6		12		18.8		57.7		32		32.5	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	1.7		0.539		35.3		11.7		19.8		55.2		30.8		32.8	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.42		0.471		17.8		6.13		9.23		26.3		14.8		14.7	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	30.8		8.77		225		67.2 J+		106		324		181		174	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.82		0.613		25.1		8.26		13.3		38.7		21.2		21.8	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.682		0.208 J		7.84		2.57		4.34		12.6		6.82		7.21	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	11.8		3.33		80.5		24.9		38.8		118		67.1		67.3	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	20.5		5.82		338		108 J+		172		505		281		296	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	4.82		1.4		51.9		16.2		25.8		76.6		43.4		43.5	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	62		17.2		471		147		236		696		404		397	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	2.39		0.73		19.9		6.66		10.6		28.6		18		17.6	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U	
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	3.2		0.378 U		27.6		9.84		15.9		43.3		24.5		25.3	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.96		0.438		7.45		2.58		3.88		11.8		6.82		6.81	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	11		3.24		104		35		57.4		156		88.8		91	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	2.12		0.631		17		5.9		9.14		24.4		13.7		14.5	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U	
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U	
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	4.47		1.24		25.9		10.1		15.2		40.8		23.6		26.2	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	1.42		0.484		8.84		3.26		4.81		12.4		7.27		7.79	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.828		0.33 J		4.96		1.95		2.79		7		4.56		5.04	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.378 U		0.378 U		1.51 U		0.299 J		0.752 U		0.988 J		1.39 U		1.5 U	
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	1.42		0.542		12.3		4.63		6.87		17.7		10.6		11.2	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.445		0.378 U		3.29		1.11		1.82		4.6		2.86		3.02	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	2.63		0.751		14.9		5.28		8.07		22		13.4		13.2	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.79		0.582		8.77		3.21		4.72		12.2		7.83		7.41	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	8.03		2.28		45.3		17.2		26		67.9		41.5		43.3	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.464 J		0.756 U		1.87 J		0.636 J		0.997 J		2.49 J		1.52 J		2.03 J	
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	3.37		0.936		18.1		6.42		9.85		26.5		15.3		15.8	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U		1.42 U		1.39 U		1.5 U	
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.303 J		0.378 U		1.76		0.554 J		0.818		2.52		1.4		1.18 J	
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	12		3.51		47.1		18		27.8		69.1		42.1		43.4	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.378 U		0.378 U		0.818 J		0.282 J		0.45 J		1.12 J		0.717 J		1.5 U	
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.378 U		0.378 U		2.12		0.772		1.31		2.52		1.65		1.11 J	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.829		0.322 J		5.21		2.06		2.78		8.67		5.32		5.35	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.231 J		0.378 U		1.6		0.561		0.833		2.25		1.51		1.42 J	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1928364	L1928364	L1940598	L1940598	L1940598	L1940598	L1940598	L1940598	
			Location	Q3-Station E	Q3-Station E	Q1-Station A	Q1-Station B	Q1-Station C	Q1-Station D	Q1-Station E	Q2-Station A	
			Sample Date	6/28/2019	6/28/2019	9/4/2019	9/5/2019	9/5/2019	9/6/2019	9/6/2019	9/5/2019	
			Sample ID	A3-E-SB-FF	A3-E-SB-SC	A1-A-BF	A1-B-BF	A1-C-BF	A1-D-BF	A1-E-BF	A2-A-BF	
			Species	Striped Bass	Striped Bass	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	Bluefish	
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.741		0.286 J		3.92		1.27		2.11	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	2.49		0.772		6.79		3.46		4.34	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.756		0.378 U		2.71		1.15		1.59	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	1.41		0.412		3.85		1.73		2.58	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.29 J		0.378 U		1.51 U		0.228 J		0.752 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.378 U		0.378 U		1.51 U		0.315 J		0.421 J	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	3.18		0.935		8.34		3.92		5.2	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	1.59		0.445		3.15		1.37 J		2.25	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	1.47		0.411		4.59		2.13		3.26	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.749 J		0.756 U		3.02 U		0.681 J		1.15 J	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.378 U		0.378 U		1.51 U		0.399 U		0.752 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	3.08		0.967		4.26		2.42		3.02	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.488		0.378 U		1.07 J		0.33 J		0.498 J	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	1.48		0.503		1.8		0.943		1.31	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	2.64		0.698		0.909 J		0.754		0.959	
LIPIDS	Lipids	PERCEN	3.03		1.54		5.8		1.72		3.7	

NOTES:

ug/kg = microgram per kilogram

U = not detected at the reported detection limit

J = estimated value

J- = estimated value, biased low

J+ = estimated value, biased high

FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1940598	L1940598	L1940598	L1940598	L1940599	L1940599	L1940599	L1943664
Location			Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q1-Station A	Q1-Station B	Q1-Station C	Q1-Station B
Sample Date			9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	5/22/2019
Sample ID			A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	A1-A-BC	A1-B-BC	A1-C-BC	NBH19-SF-B-1
Species			Bluefish	Bluefish	Bluefish	Bluefish	Blue Crab	Blue Crab	Blue Crab	Quahogs
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.936		3.2		2.03		2.35	
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	2.83		8.13		9.6		6.32	
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.369	U	0.296	J	0.248	J	0.378	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	2.55		8.77		8.98		5.76	
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.738	U	0.778	U	0.772	U	0.756	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.727		2.39		2.18		1.66	
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	5.75		18.7		23.2		12.2	
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	11.7		39.7		47.5		25.9	
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.688		2.53		2.93		1.69	
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.917		4.02		3.21		1.86	
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	2.71		10		8.46		5.98	
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.369	U	0.215	J	0.386	U	0.378	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	13.8		31.7		40.5		19.4	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	18.5		68.1		74		41.2	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	2.31		6.68		9.6		4.79	
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	22.9		90.2		90.1		53.9	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.369	U	0.389	U	0.386	U	0.378	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	21.1		77.9		74.2		47.8	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	3.82		13		16.2		7.93	
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.832		4.44		3.4		3.04	
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.331	J	1.14		1.03		0.92	
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	1.01		4.19		3.15		2.35	
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.369	U	0.942		0.49		0.618	
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	4.89		18.8		15		11.8	
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.362	J	1.21		1.03		0.823	
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	10.4		41.8		35.2		25.5	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	1.01		3.3		3.03		2.12	
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	14.3		57.4		47.6		35.1	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	1.05		3.96		3.19		2.68	
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	42.5		168		144		104	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.369	U	0.25	J	0.255	J	0.221	J
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	1.69		5.26		6.23		3.64	
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	43		169		149		105	
									215	
									64.2	
									49.6	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1940598	L1940598	L1940598	L1940598	L1940599	L1940599	L1940599	L1943664
Location			Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q1-Station A	Q1-Station B	Q1-Station C	Q1-Station B
Sample Date			9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	5/22/2019
Sample ID			A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	A1-A-BC	A1-B-BC	A1-C-BC	NBH19-SF-B-1
Species			Bluefish	Bluefish	Bluefish	Bluefish	Blue Crab	Blue Crab	Blue Crab	Quahogs
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	4.31		14.4		16.6		9.43	
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.369 U		0.389 U		0.256 J		0.378 U	
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	2.47		9.85		6.8		6.11	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	1.27		6		3.77		3.46	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.894		4.15		3.16		2.67	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	9.81		42.2		30.8		25.6	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	8.03		32.3		25		19.8	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	6.93		30.1		19.9		18.1	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	5.22		18.6		17.8		11.6	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.773		2.3		2.65		1.52	
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	6.72		28.9		20.1		17.5	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.37		1.3		1.16		0.884	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.931		3.48		2.42		2.35	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.17		4.33		3.29		2.68	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	2.54		10.4		8.06		6.77	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	3.27		13.2		9.14		8.21	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	4.23		14.6		11.7		9.43	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	8.94		31.8		24.3		20.5	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	6.43		24.8		19.5		16	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	8.05		30.8		23		19.8	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	23.1		89.2		73.1		58	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	1.04		3.18		2.65		2.29	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	28.7		114		83.3		70	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	3.1		13.4		10.6		8.48	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	2.16		8.48		7.32		5.69	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	24.2		93.2		69.9		59.9	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.986		3.08		2.73		2.36	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	21.2		87.7		73.6		56.6	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	2.42		9.27		7.33		6.01	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	13.6		51.5		39.8		33	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.594		2.15		1.44		1.44	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.369 U		0.389 U		0.316 J		0.378 U	
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	3.39		11.8		11		8.45	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	2.81		10.5		7.7		6.64	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	2.46		9.11		6.98		6.01	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.348 J		0.954		0.732		0.662	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	3.56		13.4		9.38		8.67	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	1.12		4.23		3.04		2.86	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1940598	L1940598	L1940598	L1940598	L1940599	L1940599	L1940599	L1943664
Location			Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q1-Station A	Q1-Station B	Q1-Station C	Q1-Station B
Sample Date			9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	5/22/2019
Sample ID			A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	A1-A-BC	A1-B-BC	A1-C-BC	NBH19-SF-B-1
Species			Bluefish	Bluefish	Bluefish	Bluefish	Blue Crab	Blue Crab	Blue Crab	Quahogs
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	2.47		8.46		6.69		5.7	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	2.2		7.74		5.96		5.46	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.12		4		3.36		2.71	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	13.6		49.5		44.5		35.8	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.61		5.84		3.97		3.99	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.504		1.85		1.37		1.23	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	5.56		18.4		17.5		13.4	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	21.3		73.5		58.1		49.2	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	3.31		11.4		8.87		7.67	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	30.4		107		99.1		76.2	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	1.43		4.62		3.97		3.32	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	1.95		7.1		5.75		4.8	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.582		1.97		1.68		1.31	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	6.79		23.9		20.6		16.4	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.23		4.41		3.5		2.93	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	2.29		7.23		5.74		5.32	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.958		2.26		1.88		1.68	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.491		1.42		1.11		0.956	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	1.2		3.27		2.31		2.56	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.248 J		0.899		0.543		0.572	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	1.42		4.2		3.03		2.93	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.04		2.45		1.95		2.02	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	4.2		12.7		9.9		9.4	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.738 U		0.534 J		0.439 J		0.392 J	
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	1.81		4.77		4.09		3.86	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.369 U		0.483		0.313 J		0.486	
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	5.26		13.6		11.4		11	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.369 U		0.215 J		0.386 U		0.378 U	
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.369 U		0.704		0.466		0.436	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.486		1.37		1.19		0.981	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.369 U		0.343 J		0.366 J		0.309 J	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1940598	L1940598	L1940598	L1940598	L1940599	L1940599	L1940599	L1943664	
			Location	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q1-Station A	Q1-Station B	Q1-Station C	Q1-Station B	
			Sample Date	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	9/5/2019	5/22/2019	
			Sample ID	A2-B-BF	A2-C-BF	A2-D-BF	A2-E-BF	A1-A-BC	A1-B-BC	A1-C-BC	NBH19-SF-B-1	
			Species	Bluefish	Bluefish	Bluefish	Bluefish	Blue Crab	Blue Crab	Blue Crab	Quahogs	
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.4		1		0.83		1.21 J		0.747	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.895		2.37		1.85		1.97		2.01	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.369 U		0.742		0.749		0.538		0.544 J	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.56		1.35		1.09		0.972		1.3	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U		0.714 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.369 U		0.258 J		0.386 U		0.378 U		0.714 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	1.2		2.69		2.04		2.47		2.77	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.599		1.17		1.08		1.22		1.76	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.55		1.55		1.06		1.53		1.42	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.738 U		0.502 J		0.519 J		0.514 J		0.807 J	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.369 U		0.389 U		0.386 U		0.378 U		0.714 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.782		1.58		1.43		2.01		0.801	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.369 U		0.214 J		0.205 J		0.375 J		0.714 U	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.411		0.684		0.769		1.12		0.69 J	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.446		0.653		0.675		1.54		0.646 J	
LIPIDS	Lipids	PERCEN	1		1.99		2.29		1.69		0.743	

NOTES:

ug/kg = microgram per kilogram

U = not detected at the reported detection limit

J = estimated value

J- = estimated value, biased low

J+ = estimated value, biased high

FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1943664		L1943664		L1943664		L1943664		L1943664		L1943664	
		Location	Q1-Station D		Q1-Station E		Q2-Station B		Q2-Station C		Q2-Station D		Q2-Station F	
		Sample Date	5/22/2019		5/22/2019		5/7/2019		5/8/2019		5/8/2019		5/8/2019	
		Sample ID	NBH19-SF-D-1		NBH19-SF-E-1		NBH19-SF-B-2		NBH19-SF-C-2		NBH19-SF-D-2		NBH19-SF-F-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Qc Code	FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	1.35		1.3		0.728	U	0.521	J	0.745	U	0.765	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	3.71		4.11		0.364	U	0.812		0.239	J	0.382	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	3.26		3.74		0.364	U	0.984		0.186	J	0.382	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	2.09		2.38		0.728	U	0.781	U	0.745	U	0.765	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	2.12		2.52		0.364	U	0.741		0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.945		1.2		0.364	U	0.37	J	0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	6.82		7.97		0.364	U	1.51		0.371	J	0.369	J
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	15.7		17.3		0.364	U	3.6		0.894		0.726	
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	1.17		1.28		0.364	U	0.453		0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	1.72		1.72		0.728	U	0.781	U	0.745	U	0.765	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	4.14		4.76		0.364	U	1.03		0.342	J	0.334	J
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	25.2		26.8		0.329	J	4.74		1.92		0.792	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	30.7		35.4		0.41		5.52		1.82		1.71	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	3.56		3.98		0.364	U	0.716		0.22	J	0.203	J
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	37.7		46.5		0.546		7.58		2.19		1.98	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	35.2		42.2		0.436		6.76		1.92		1.92	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	5.86		7.01		0.364	U	1.3		0.305	J	0.233	J
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	1.28		1.89		0.364	U	0.704		0.372	U	0.382	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	1.99		2.36		0.364	U	0.657		0.226	J	0.21	J
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	1.47		1.93		0.364	U	0.576		0.231	J	0.382	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.344	J	0.253	J	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	6.88		7.97		0.259	J	1.72		0.574		0.435	
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.518		0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	15		17.7		0.393		4.28		1.24		1.1	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	1.28		1.48		0.364	U	0.46		0.372	U	0.382	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	22.9		29.9		0.538		5.23		1.69		1.31	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	1.95		1.6		0.364	U	0.576		0.372	U	0.382	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	63.7		77		1.38		14.2		4.45		3.75	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	2.12		2.79		0.364	U	0.459		0.219	J	0.382	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	69		85.1		1.74		18.2		5.82		4.85	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1943664		L1943664		L1943664		L1943664		L1943664		L1943664	
		Location	Q1-Station D		Q1-Station E		Q2-Station B		Q2-Station C		Q2-Station D		Q2-Station F	
		Sample Date	5/22/2019		5/22/2019		5/7/2019		5/8/2019		5/8/2019		5/8/2019	
		Sample ID	NBH19-SF-D-1		NBH19-SF-E-1		NBH19-SF-B-2		NBH19-SF-C-2		NBH19-SF-D-2		NBH19-SF-F-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Qc Code	FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	6.59		7.54		0.364 U		1.62		0.384		0.395	
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	5.33		5.8		0.254 J		1.69		0.507		0.438	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	2.58		2.88		0.364 U		0.778		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	1.8		2.44		0.364 U		0.492		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	17.4		20.3		0.92		5.54		1.75		1.37	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	13.6		17.3		0.413 J		3.38		0.965		0.778	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	12.4		13.1		0.632		4		1.22		0.907	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	9.37		11.4		0.251 J		2.44		0.684		0.574	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	1.4		1.63		0.728 U		0.781 U		0.745 U		0.765 U	
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	12.5		14.4		0.378		3.36		0.91		0.748	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	1.29		1.32		0.364 U		0.599		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	1.23		1.22		0.364 U		0.474		0.251 J		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.56		1.67		1.09 U		1.17 U		1.12 U		1.15 U	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	3.35		3.03		0.24 J		1.14		0.422		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	4.14		3.7		0.367 J		1.78		0.745 U		0.765 U	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	5.59		6.33		0.422 J		1.83		0.766		0.511 J	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	10.9		13.9		0.5		2.58		1		0.728	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	9.45		11.6		0.702		2.98		1.25		1.01	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	9.6		9.16		0.606		2.84		1.04		0.804	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	30.6		35		1.96		8.81		3.66		2.66	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	1.34		1.86		0.364 U		0.392		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	38.5		40.2		2.63		12.1		4.69		3.53	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	4.96		4.34		0.408		1.86		0.544		0.414	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	3.51		3.79		0.401 J		1.27		0.512 J		0.765 U	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	40.9		46.9		2.11		12.1		4.37		3.02	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1.22		1.33		0.364 U		0.466		0.197 J		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	31		31.4		2		9.67		3.27		2.22	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	3.96		5.25		0.189 J		1.11		0.462		0.427	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	16.8		20.4		0.825 J		5.52		1.9		1.56	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.987		1.01		0.364 U		0.384 J		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	2.7		2.54		0.328 J		1.09		0.392		0.316 J	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	2.51		2.46		0.728 U		0.746 J		0.745 U		0.765 U	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	3.21		3.56		0.395 J		1.27		0.53 J		0.765 U	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.27 J		0.261 J		0.364 U		0.391 U		0.372 U		0.382 U	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	3.86		3.74		0.499		1.76		0.861		0.52	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	1.1		1.39		0.364 U		0.405		0.372 U		0.382 U	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1943664	L1943664	L1943664	L1943664	L1943664	L1943664	L1943664	L1943664
Location			Q1-Station D	Q1-Station E	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station F	Q2-Station G	Q2-Station H
Sample Date			5/22/2019	5/22/2019	5/7/2019	5/8/2019	5/8/2019	5/8/2019	5/7/2019	5/8/2019
Sample ID			NBH19-SF-D-1	NBH19-SF-E-1	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2	NBH19-SF-F-2	NBH19-SF-G-2	NBH19-SF-H-2
Species			Quahogs	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	3.06		4.02		0.382		1.22	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	2.5		2.98		0.364 U		0.808	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.62		1.73		0.364 U		0.543	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	9.07		7.61		0.944		3.36	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.81		1.75		0.364 U		0.666	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.42		0.354 J		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	6.05		6.92		0.778		2.41	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	23.1		26.3		1.58		6.82	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	2.09		2.62		0.364 U		0.675	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	30.2		29.3		2.86		9.95	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	1.53		1.89		0.364 U		0.441	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	2.49		2.65		0.245 J		1	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.737		0.726		0.364 U		0.27 J	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	10		11.7		1		3.68	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.32		1.42		0.364 U		0.447	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	1.5		1.66		0.266 J		0.495	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.349 J		0.382		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.525		0.48		0.364 U		0.198 J	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.975		1.23		0.364 U		0.437	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	1.33		1.47		0.331 J		0.558	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.573		0.587		0.364 U		0.303 J	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	3.72		4.02		0.465		1.34	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.784 U		0.75 U		0.728 U		0.781 U	
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.854		0.882		0.364 U		0.288 J	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	3.9		4.79		0.5		1.52	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.234 J		0.375 U		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.352 J		0.457		0.364 U		0.391 U	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.392 U		0.375 U		0.364 U		0.391 U	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			L1943664		L1943664		L1943664		L1943664		L1943664		L1943664		L1943664			
			Q1-Station D		Q1-Station E		Q2-Station B		Q2-Station C		Q2-Station D		Q2-Station F		Q2-Station G		Q2-Station H	
			5/22/2019		5/22/2019		5/7/2019		5/8/2019		5/8/2019		5/8/2019		5/7/2019		5/8/2019	
			NBH19-SF-D-1		NBH19-SF-E-1		NBH19-SF-B-2		NBH19-SF-C-2		NBH19-SF-D-2		NBH19-SF-F-2		NBH19-SF-G-2		NBH19-SF-H-2	
			Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
			FS		FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.442		0.462		0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.512		0.586		0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.252	J	0.278	J	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.528		0.675		0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.219	J	0.278	J	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.277	J	0.386		0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.784	U	0.75	U	0.728	U	0.781	U	0.745	U	0.765	U	0.726	U	0.714	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.336	J	0.353	J	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.392	U	0.23	J	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.392	U	0.375	U	0.364	U	0.391	U	0.372	U	0.382	U	0.363	U	0.357	U
LIPIDS	Lipids	PERCEN	0.408		0.36		0.233		0.281		0.328		0.245		0.174		0.229	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1943664	L1943664	L1943664	L1943664	L1943672	L1943679	L1943679	L1943679
		Location	Q3-Station B	Q3-Station D	Q3-Station I	Q3-Station J	Q1-Station C	Q-R02	Q-R05	Q-R09
		Sample Date	5/7/2019	5/8/2019	5/7/2019	5/7/2019	4/9/2019	5/9/2019	5/9/2019	5/9/2019
		Sample ID	NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3	NBH19-FF-C-1	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
		Species	Quahogs	Quahogs	Quahogs	Quahogs	Alewife	Quahogs	Quahogs	Quahogs
		Qc Code	FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.305	J	0.248	J	0.354	J	0.393	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.199	J	0.385	U	0.258	J	0.393	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.38	U	0.307	J	0.326	J	0.211	J
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.494		0.537		0.574		0.393	U
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.644		0.677		0.846		0.206	J
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.595		0.596		0.776		0.25	J
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.2	J	0.385	U	0.266	J	0.393	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	0.653		0.554		0.681		0.393	U
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	0.622		0.643		0.821		0.393	U
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	1.47		1.5		1.98		0.574	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	1.84		2.02		2.24		0.592	
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Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1943664	L1943664	L1943664	L1943664	L1943672	L1943679	L1943679	L1943679
Location			Q3-Station B	Q3-Station D	Q3-Station I	Q3-Station J	Q1-Station C	Q-R02	Q-R05	Q-R09
Sample Date			5/7/2019	5/8/2019	5/7/2019	5/7/2019	4/9/2019	5/9/2019	5/9/2019	5/9/2019
Sample ID			NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3	NBH19-FF-C-1	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
Species			Quahogs	Quahogs	Quahogs	Quahogs	Alewife	Quahogs	Quahogs	Quahogs
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.38	U	0.385	U	0.287	J	0.393	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.237	J	0.227	J	0.242	J	0.393	U
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	0.878		0.603		0.942		0.244	J
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	0.76	U	0.438	J	0.49	J	0.786	U
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.676		0.499		0.651		0.393	U
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.257	J	0.22	J	0.319	J	0.393	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	0.47		0.361	J	0.419		0.393	U
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.14	U	1.16	U	1.08	U	1.18	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	0.398		0.385	U	0.476		0.393	U
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.562	J	0.771	U	0.406	J	0.786	U
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.579	J	0.512	J	0.625	J	0.786	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	0.448		0.415		0.602		0.393	U
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	0.652		0.705		0.805		0.393	U
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	0.786		0.431		0.69		0.393	U
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	1.86		1.68		2.54		0.67	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	2.73		1.92		2.58		0.669	J
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	0.338	J	0.385	U	0.419		0.393	U
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	0.76	U	0.771	U	0.398	J	0.786	U
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	2.04		1.59		2.51		0.514	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	1.77		1.24		2.15		0.556	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.293	J	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	1.2		0.822	J	1.08		1.18	U
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	0.227	J	0.385	U	0.354	J	0.393	U
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	0.76	U	0.771	U	0.479	J	0.786	U
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	0.528		0.284	J	0.489		0.393	U
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1943664	L1943664	L1943664	L1943664	L1943672	L1943679	L1943679	L1943679
		Location	Q3-Station B	Q3-Station D	Q3-Station I	Q3-Station J	Q1-Station C	Q-R02	Q-R05	Q-R09
		Sample Date	5/7/2019	5/8/2019	5/7/2019	5/7/2019	4/9/2019	5/9/2019	5/9/2019	5/9/2019
		Sample ID	NBH19-SF-B-3	NBH19-SF-D-3	NBH19-SF-I-3	NBH19-SF-J-3	NBH19-FF-C-1	NBH19-SF-R02	NBH19-SF-R05	NBH19-SF-R09
		Species	Quahogs	Quahogs	Quahogs	Quahogs	Alewife	Quahogs	Quahogs	Quahogs
		Qc Code	FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.275	J	0.226	J	0.365		0.393	U
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.256	J	0.385	U	0.22	J	0.393	U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	0.914		0.768		1.21		0.393	U
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	0.802		0.657		1.08		0.372	J
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	1.5		1.21		1.83		0.786	U
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	2.54		2.37		3.3		0.812	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	0.38	U	0.279	J	0.284	J	0.393	U
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	0.738	J	0.75	J	1.06		0.522	J
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	0.38	U	0.264	J	0.44		0.393	U
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.76	U	0.771	U	0.722	U	0.786	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	0.446		0.407		0.54		0.393	U
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.38	U	0.385	U	0.361	U	0.393	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code Units	L1943664		L1943664		L1943664		L1943664		L1943672		L1943679		L1943679		L1943679		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.625 J		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.392		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.76 U		0.771 U		0.722 U		0.786 U		0.728 U		0.721 U		0.749 U		0.742 U		0.742 U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.38 U		0.385 U		0.361 U		0.393 U		0.364 U		0.36 U		0.374 U		0.371 U		0.371 U
LIPIDS	Lipids	PERCEN	0.335		0.37		0.375		0.189		2.77		0.404		0.539		0.416		0.416

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1945812	L1945812	L1945812	L1945812	L1945812	L1945812	L1946403	L1946403
Location			CW-Marion-1	CW-Marion-2	CW-Marion-3	S-MARION-1	S-MARION-2	S-MARION-3	L-MARION-1	L-MARION-1
Sample Date			10/2/2019	10/2/2019	10/2/2019	10/1/2019	10/1/2019	10/2/2019	10/4/2019	10/4/2019
Sample ID			CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3	S-MARION-FFSO-1	S-MARION-FFSO-2	S-MARION-FFSO-3	L-MARION-MT-1	L-MARION-TM-1
Species			Conch	Conch	Conch	Scup	Scup	Scup	Lobster Meat	Lobster Tomalley
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.351	U	0.38	U	0.388	U	0.202	J
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.351	U	0.38	U	0.388	U	0.834	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.351	U	0.38	U	0.388	U	0.754	
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.351	U	0.38	U	0.388	U	0.249	J
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	0.351	U	0.38	U	0.388	U	0.393	U
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.351	U	0.38	U	0.388	U	0.201	J
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.351	U	0.38	U	0.388	U	1.79	
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	0.353		0.244	J	0.302	J	0.878	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.351	U	0.38	U	0.388	U	1.97	
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.351	U	0.38	U	0.388	U	1.04	
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	0.256	J	0.38	U	0.221	J	0.393	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1945812	L1945812	L1945812	L1945812	L1945812	L1945812	L1946403	L1946403
Location			CW-Marion-1	CW-Marion-2	CW-Marion-3	S-MARION-1	S-MARION-2	S-MARION-3	L-MARION-1	L-MARION-1
Sample Date			10/2/2019	10/2/2019	10/2/2019	10/1/2019	10/1/2019	10/2/2019	10/4/2019	10/4/2019
Sample ID			CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3	S-MARION-FFSO-1	S-MARION-FFSO-2	S-MARION-FFSO-3	L-MARION-MT-1	L-MARION-TM-1
Species			Conch	Conch	Conch	Scup	Scup	Scup	Lobster Meat	Lobster Tomalley
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.351	U	0.38	U	0.388	U	0.345	J
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.351	U	0.38	U	0.388	U	0.19	J
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.351	U	0.38	U	0.388	U	0.249	J
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	0.351	U	0.322	J	0.276	J	3.12	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	0.703	U	0.759	U	0.775	U	0.392	J
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.351	U	0.38	U	0.388	U	0.242	J
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	0.351	U	0.38	U	0.388	U	1.35	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.351	U	0.38	U	0.388	U	0.207	J
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.05	U	1.14	U	1.16	U	1.09	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	0.351	U	0.201	J	0.388	U	1.42	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	0.351	U	0.38	U	0.388	U	0.393	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	0.351	U	0.355	J	0.222	J	0.351	J
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	0.2	J	0.38	U	0.388	U	1.23	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	0.62		1.05		0.388	U	13.1	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.351	U	0.38	U	0.388	U	0.24	J
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	0.651	J	0.592	J	0.677	J	7.26	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	0.351	U	0.329	J	0.388	U	2.36	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	0.703	U	0.759	U	0.775	U	1.55	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	0.416		0.352	J	0.312	J	1.27	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.351	U	0.38	U	0.388	U	1.06	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	0.325	J	0.789		0.595		18.8	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.351	U	0.38	U	0.388	U	0.676	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	1.05	U	1.14	U	1.16	U	1.09	U
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	0.328	J	0.526		0.554		3.34	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	0.703	U	0.759	U	0.775	U	1.35	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	0.703	U	0.759	U	0.775	U	0.73	U
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.351	U	0.38	U	0.388	U	0.365	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code Units	L1945812		L1945812		L1945812		L1945812		L1945812		L1946403		L1946403		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.542
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.351 U		0.38 U		0.388 U		0.712		0.268 J		0.462		0.355 U		4.44
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	1.07		1.46		1.51		13.5		6.1		10.5		0.603		92.1
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.283 J
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	0.464		0.672		0.683		4.71		2.44		3.9		0.351 J		55.1
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	0.422 J		0.395 J		0.775 U		1.85		1.53		1.77		0.71 U		5.01
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	0.351 U		0.38 U		0.388 U		0.207 J		0.215 J		0.224 J		0.355 U		0.534
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	2.23		3.37		3.54		37.9		16.4		26.3		1.81		324
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.351 U		0.38 U		0.388 U		0.741		0.252 J		0.546		0.355 U		0.939
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	0.178 J		0.254 J		0.259 J		1.83		0.74		1.18		0.2 J		12.1
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.351 U		0.38 U		0.388 U		0.73		0.371 J		0.547		0.355 U		6.65
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	0.452 J		0.741 J		0.649 J		2.43		1.61		2.25		0.431 J		48.1
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	0.351 U		0.38 U		0.388 U		1.12		0.504		0.803		0.355 U		11.5
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	0.267 J		0.33 J		0.523		2.25		0.956		1.56		0.212 J		16.8
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.351 U		0.38 U		0.388 U		0.536		0.398		0.568		0.355 U		3.06
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.211 J		0.355 U		2.57
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.252 J
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.351 U		0.213 J		0.388 U		0.186 J		0.225 J		0.377 U		0.355 U		3.88
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		7.75
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	0.289 J		0.477		0.408		3.76		1.55		2.44		0.19 J		32.7
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.703 U		0.759 U		0.775 U		0.73 U		0.786 U		0.755 U		0.71 U		1.11
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.351 U		0.38 U		0.388 U		1.39		0.715		1		0.355 U		8.39
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	0.413		0.584		0.553		2.87		1.73		2.44		0.499		49.9
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.351 J
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.351 U		0.38 U		0.388 U		0.195 J		0.393 U		0.377 U		0.355 U		1.58
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.351 U		0.38 U		0.388 U		0.306 J		0.393 U		0.218 J		0.355 U		2.13
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.694

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1945812	L1945812	L1945812	L1945812	L1945812	L1945812	L1946403	L1946403						
			Location	CW-Marion-1	CW-Marion-2	CW-Marion-3	S-MARION-1	S-MARION-2	S-MARION-3	L-MARION-1	L-MARION-1						
			Sample Date	10/2/2019	10/2/2019	10/2/2019	10/1/2019	10/1/2019	10/2/2019	10/4/2019	10/4/2019						
			Sample ID	CW-MARION-FT-1	CW-MARION-FT-2	CW-MARION-FT-3	S-MARION-FFSO-1	S-MARION-FFSO-2	S-MARION-FFSO-3	L-MARION-MT-1	L-MARION-TM-1						
			Species	Conch	Conch	Conch	Scup	Scup	Scup	Lobster Meat	Lobster Tomalley						
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS						
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier					
8270D-SIM/680(M)	CI7-BZ#193	UG/KG	0.351 U		0.38 U		0.388 U		0.223 J		0.393 U		0.377 U		0.355 U		3.38
8270D-SIM/680(M)	CI8-BZ#194	UG/KG	0.351 U		0.38 U		0.388 U		0.7		0.376 J		0.496		0.355 U		7.34
8270D-SIM/680(M)	CI8-BZ#195	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		1.37
8270D-SIM/680(M)	CI8-BZ#196	UG/KG	0.351 U		0.38 U		0.388 U		0.477		0.2 J		0.242 J		0.355 U		4.36
8270D-SIM/680(M)	CI8-BZ#197	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.514
8270D-SIM/680(M)	CI8-BZ#199	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	CI8-BZ#201	UG/KG	0.351 U		0.38 U		0.388 U		0.235 J		0.27 J		0.342 J		0.355 U		8.67
8270D-SIM/680(M)	CI8-BZ#202	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		4.51
8270D-SIM/680(M)	CI8-BZ#203	UG/KG	0.351 U		0.38 U		0.388 U		0.396		0.393 U		0.223 J		0.355 U		3.21
8270D-SIM/680(M)	CI8-BZ#204/#200	UG/KG	0.703 U		0.759 U		0.775 U		0.73 U		0.786 U		0.755 U		0.71 U		1.94
8270D-SIM/680(M)	CI8-BZ#205	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.4 U
8270D-SIM/680(M)	CI9-BZ#206	UG/KG	0.351 U		0.38 U		0.388 U		0.483		0.237 J		0.435		0.355 U		3.77
8270D-SIM/680(M)	CI9-BZ#207	UG/KG	0.351 U		0.38 U		0.388 U		0.365 U		0.393 U		0.377 U		0.355 U		0.669
8270D-SIM/680(M)	CI9-BZ#208	UG/KG	0.351 U		0.38 U		0.388 U		0.185 J		0.393 U		0.377 U		0.355 U		2.13
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.351 U		0.38 U		0.388 U		0.252 J		0.393 U		0.377 U		0.355 U		1.63
LIPIDS	Lipids	PERCEN	0.366		0.425		0.372		3.07		2.7		2.99		0.881		24.5

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1946403	L1946403	L1946403	L1946403	L1958601	L1958601	L1958601	L1958601
		Location	L-MARION-2	L-MARION-2	L-MARION-3	L-MARION-3	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D
		Sample Date	10/2/2019	10/2/2019	10/3/2019	10/3/2019	10/22/2019	11/26/2019	11/22/2019	11/21/2019
		Sample ID	L-MARION-MT-2	L-MARION-TM-2	L-MARION-MT-3	L-MARION-TM-3	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2
		Species	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Conch	Conch	Conch	Conch
		Qc Code	FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.721	U	0.794	U	0.7	U	0.792	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.36	U	0.466		0.35	U	0.609	
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.721	U	0.794	U	0.7	U	0.792	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.36	U	0.313	J	0.35	U	0.468	
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.721	U	0.794	U	0.7	U	0.792	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.36	U	7.82		0.35	U	9.13	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.36	U	4.72		0.35	U	3.47	
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	0.36	U	12.4		0.35	U	9.49	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	0.36	U	0.338	J	0.35	U	1.11	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	0.36	U	0.772		0.35	U	1.68	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1946403	L1946403	L1946403	L1946403	L1958601	L1958601	L1958601	L1958601
Location			L-MARION-2	L-MARION-2	L-MARION-3	L-MARION-3	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D
Sample Date			10/2/2019	10/2/2019	10/3/2019	10/3/2019	10/22/2019	11/26/2019	11/22/2019	11/21/2019
Sample ID			L-MARION-MT-2	L-MARION-TM-2	L-MARION-MT-3	L-MARION-TM-3	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2
Species			Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Conch	Conch	Conch	Conch
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.36 U		0.297 J		0.35 U		0.489	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.36 U		1.75		0.35 U		1.72	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.36 U		1.16		0.35 U		1.21	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	0.243 J		27.4		0.258 J		21.9	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	0.721 U		0.617 J		0.7 U		1.36	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.36 U		0.643		0.35 U		1.19	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.36 U		0.426		0.35 U		0.804	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.721 U		0.794 U		0.7 U		0.792 U	
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	0.36 U		12.7		0.251 J		9.69	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.36 U		4.4		0.35 U		3.77	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.36 U		0.378 J		0.35 U		0.36 J	
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.08 U		1.19 U		1.05 U		1.19 U	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	0.36 U		10.6		0.35 U		7.97	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.721 U		0.812		0.7 U		0.936	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.721 U		0.794 U		0.7 U		0.792 U	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	0.36 U		0.397 U		0.35 U		0.431	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	0.36 U		0.986		0.35 U		2.26	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	0.36 U		0.228 J		0.35 U		0.436	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	0.525		60.7		0.763		61	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.36 U		0.393 J		0.35 U		0.486	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	0.721 U		6.12		0.7 U		10.4	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	0.197 J		18.7		0.227 J		14.8	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	0.721 U		9.92		0.7 U		11.2	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	0.36 U		1.22		0.35 U		2.68	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.36 U		6.09		0.35 U		4.96	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	1.26		166		1.87		117	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.36 U		1.8		0.35 U		2.4	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	1.08 U		1.19 U		1.05 U		0.753 J	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.36 U		0.891		0.35 U		0.707	
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	0.255 J		24.5		0.235 J		19.2	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	0.721 U		6.72		0.7 U		5.46	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	0.721 U		1.67		0.7 U		3.07	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	0.36 U		0.397 U		0.35 U		0.464	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.36 U		0.397 U		0.35 U		0.396 U	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1946403	L1946403	L1946403	L1946403	L1958601	L1958601	L1958601	L1958601
		Location	L-MARION-2	L-MARION-2	L-MARION-3	L-MARION-3	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D
		Sample Date	10/2/2019	10/2/2019	10/3/2019	10/3/2019	10/22/2019	11/26/2019	11/22/2019	11/21/2019
		Sample ID	L-MARION-MT-2	L-MARION-TM-2	L-MARION-MT-3	L-MARION-TM-3	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2
		Species	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Conch	Conch	Conch	Conch
		Qc Code	FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.36	U	0.34	J	0.35	U	0.757	0.55
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.36	U	3.96		0.35	U	3.06	0.262
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	0.716		85.9		0.733		78.1	3.9
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.36	U	0.397	U	0.35	U	0.351	J
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	0.302	J	47.9		0.416		42.4	2.13
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	0.721	U	3.83		0.7	U	5.89	2.89
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	0.36	U	0.275	J	0.35	U	1.06	0.626
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	1.79	J	311		2.3		245	8.37
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.36	U	0.501		0.35	U	1.68	0.204
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	0.36	U	12.1		0.198	J	8.81	0.707
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.36	U	5.95		0.35	U	4.78	0.296
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	0.721	U	44.3		0.418	J	36.2	2.6
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	0.36	U	10.9		0.35	U	8.34	0.38
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	0.36	U	13.6		0.35	U	11.5	0.66
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.36	U	2.92		0.35	U	2.58	0.389
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.36	U	2.18		0.35	U	1.84	0.196
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.36	U	0.203	J	0.35	U	0.272	J
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.36	U	4.09		0.35	U	4.27	0.288
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.36	U	6.83		0.35	U	4.62	0.389
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	0.213	J	27		0.19	J	19.7	0.844
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.721	U	0.794		0.7	U	0.706	J
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.36	U	7.28		0.35	U	6.7	0.392
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.36	U	0.397	U	0.35	U	0.396	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	0.326	J	45.4		0.413		33.8	1.19
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.36	U	0.252	J	0.35	U	0.324	J
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.36	U	1.1		0.35	U	0.962	0.389
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.36	U	1.68		0.35	U	1.35	0.389
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.36	U	0.639		0.35	U	0.443	0.389

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1946403	L1946403	L1946403	L1946403	L1958601	L1958601	L1958601	L1958601
		Location	L-MARION-2	L-MARION-2	L-MARION-3	L-MARION-3	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D
		Sample Date	10/2/2019	10/2/2019	10/3/2019	10/3/2019	10/22/2019	11/26/2019	11/22/2019	11/21/2019
		Sample ID	L-MARION-MT-2	L-MARION-TM-2	L-MARION-MT-3	L-MARION-TM-3	NBH19-SF-A-2	NBH19-SF-B-2	NBH19-SF-C-2	NBH19-SF-D-2
		Species	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Conch	Conch	Conch	Conch
		Qc Code	FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.36	U	2.5		0.389	U	0.289	J
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.36	U	5.31		0.389	U	0.382	J
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.36	U	0.977		0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.36	U	3.22		0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.36	U	0.399		0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.36	U	0.397	U	0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.36	U	6.63		0.389	U	0.521	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.36	U	3.98		0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.36	U	2.49		0.389	U	0.398	U
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.721	U	1.56		0.778	U	0.795	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.36	U	0.397	U	0.389	U	0.398	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.36	U	3.04		0.389	U	0.398	U
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.36	U	0.566		0.389	U	0.398	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.36	U	1.49		0.389	U	0.398	U
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.36	U	1.45		0.389	U	0.398	U
LIPIDS	Lipids	PERCEN	0.692		13		0.529		0.541	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958601	L1958601	L1958601	L1958601	L1958601	L1958601	L1958609	L1958609	L1958609	
Location			Q2-Station E	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	Q2-Station A	Q2-Station A	Q2-Station B		
Sample Date			11/21/2019	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019		
Sample ID			NBH19-SF-E-2	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3	NBH19-L-A-2	NBH19-L-A-2-TM	NBH19-L-B-2		
Species			Conch	Conch	Conch	Conch	Conch	Lobster Meat	Lobster Tomalley	Lobster Meat		
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS		
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.769	U	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.307	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.769	U	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.823		0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.769	U	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	1.61		0.355	U	0.202	J	0.363	U	0.267	J
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.286	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	1.82		0.355	U	0.316	J	0.363	U	0.461	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.388		0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	1.96		0.355	U	0.449		0.363	U	0.395	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	0.237	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	5.01		0.448		1.01		0.626		0.996	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	5.55		0.458		0.972		0.473		1.19	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958601	L1958601	L1958601	L1958601	L1958601	L1958601	L1958609	L1958609	L1958609	
Location			Q2-Station E	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	Q2-Station A	Q2-Station A	Q2-Station B		
Sample Date			11/21/2019	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019		
Sample ID			NBH19-SF-E-2	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3	NBH19-L-A-2	NBH19-L-A-2-TM	NBH19-L-B-2		
Species			Conch	Conch	Conch	Conch	Conch	Lobster Meat	Lobster Tomalley	Lobster Meat		
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS		
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.25	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.2	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	1.31		0.201	J	0.405		0.332	J	0.458	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	1.21		0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	1.39		0.242	J	0.361	J	0.191	J	0.475	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.432		0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.769	U	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	0.651		0.355	U	0.382	U	0.363	U	0.225	J
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.15	U	1.06	U	1.14	U	1.09	U	1.17	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	0.747		0.355	U	0.405		0.27	J	0.335	J
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.706	J	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.392	J	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	1.38		0.211	J	0.37	J	0.224	J	0.322	J
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	2.08		0.499		0.621		0.339	J	0.898	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	1.53		0.322	J	0.481		0.32	J	0.502	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	3.65		0.843		1.48		1.09		1.67	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	7.95		1.55		2.06		1.28		2.22	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	1.06		0.291	J	0.427		0.269	J	0.594	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	0.991		0.487	J	0.44	J	0.456	J	0.58	J
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	7.63		0.812		1.67		0.85		1.49	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.392		0.355	U	0.243	J	0.363	U	0.282	J
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	4.12		0.854		1.24		0.912		2.35	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.402		0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	1.39		1.06	U	1.14	U	1.09	U	1.17	U
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.273	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	1.58		0.543		0.936		0.682		0.794	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	0.882		0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	1.72		0.438	J	0.49	J	0.392	J	0.594	J
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	1.27		0.185	J	0.321	J	0.363	U	0.276	J
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.403		0.355	U	0.382	U	0.363	U	0.219	J

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958601	L1958601	L1958601	L1958601	L1958601	L1958601	L1958609	L1958609	L1958609	
Location			Q2-Station E	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	Q2-Station A	Q2-Station A	Q2-Station B		
Sample Date			11/21/2019	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019		
Sample ID			NBH19-SF-E-2	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3	NBH19-L-A-2	NBH19-L-A-2-TM	NBH19-L-B-2		
Species			Conch	Conch	Conch	Conch	Conch	Lobster Meat	Lobster Tomalley	Lobster Meat		
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS		
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.788		0.2 J		0.282 J		0.363 U		0.331 J	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.409		0.355 U		0.382 U		0.363 U		0.196 J	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	5.03		1.79		2.49		2.32		2.34	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.33 J		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	2.49		1.39		1.11		1.05		1.6	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	5.76		0.96		1.62		1.21		1.68	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	0.582		0.246 J		0.282 J		0.219 J		0.43	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	13.4		4.6		5.74		5.44		5.93	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.302 J		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	0.729		0.33 J		0.346 J		0.287 J		0.415	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.312 J		0.21 J		0.382 U		0.363 U		0.23 J	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	2.86		1.17		1.1		1.07		1.68	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	0.492		0.261 J		0.29 J		0.245 J		0.307 J	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	0.64		0.245 J		0.35 J		0.319 J		0.32 J	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.318 J		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.316 J		0.202 J		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.296 J		0.355 U		0.382 U		0.363 U		0.24 J	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	1.39		0.53		0.478		0.574		0.512	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.769 U		0.71 U		0.763 U		0.726 U		0.78 U	
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.456		0.355 U		0.244 J		0.218 J		0.231 J	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	1.57		0.87		0.712		0.693		0.888	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.385 U		0.355 U		0.382 U		0.363 U		0.39 U	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1958601	L1958601	L1958601	L1958601	L1958601	L1958609	L1958609	L1958609	
			Location	Q2-Station E	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	Q2-Station A	Q2-Station A	Q2-Station B	
			Sample Date	11/21/2019	11/26/2019	11/4/2019	10/22/2019	10/15/2019	10/15/2019	10/15/2019	10/15/2019	
			Sample ID	NBH19-SF-E-2	NBH19-SF-B-3	NBH19-SF-C-3	NBH19-SF-D-3	NBH19-SF-E-3	NBH19-L-A-2	NBH19-L-A-2-TM	NBH19-L-B-2	
			Species	Conch	Conch	Conch	Conch	Conch	Lobster Meat	Lobster Tomalley	Lobster Meat	
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.198	J	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.769	U	0.71	U	0.763	U	0.726	U	0.78	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.385	U	0.355	U	0.382	U	0.363	U	0.39	U
LIPIDS	Lipids	PERCEN	0.492		0.512		0.519		0.436		0.437	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609
Location			Q2-Station B	Q2-Station D	Q2-Station D	Q3-Station B	Q3-Station B	Q3-Station C	Q3-Station C	Q3-Station D
Sample Date			10/15/2019	7/9/2019	7/9/2019	10/23/2019	10/23/2019	11/4/2019	11/4/2019	11/4/2019
Sample ID			NBH19-L-B-2-TM	NBH19-L-D-2	NBH19-L-D-2-TM	NBH19-L-B-3	NBH19-L-B-3-TM	NBH19-L-C-3	NBH19-L-C-3-TM	NBH19-L-D-3
Species			Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	7.87	U	0.692	U	27.4	U	0.755	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	4.72	U	0.346	U	14.1	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	10.7	U	0.354	U	26.3	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	7.87	U	0.692	U	27.4	U	0.755	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	6.38	J	0.27	J	18.5	J	0.377	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	6.2	J	0.315	J	21.4	J	0.377	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	7.49	U	0.373	U	33.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	7.87	U	0.692	U	27.4	U	0.755	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	3.94	U	0.346	U	24.9	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	3.94	U	0.346	U	22.5	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	16.7	U	0.594	U	58.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	3.94	U	0.346	U	9.18	J	0.377	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	231	U	7.43	U	812	U	0.866	U
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	70.6	U	2.35	U	178	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	18.9	U	0.834	U	75.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	17.7	U	0.475	U	32.6	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	3.94	U	0.346	U	17.5	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	3.94	U	0.346	U	9.51	J	0.377	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	4	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	225	U	5.28	U	775	U	0.523	U
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	2.28	J	0.346	U	9.67	J	0.377	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	17.1	U	0.695	U	106	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	3.94	U	0.346	U	10	J	0.377	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	38.8	U	1.8	U	192	U	0.377	U
									5.98	U
									0.404	U
									22.1	J
									0.238	J

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609
Location			Q2-Station B	Q2-Station D	Q2-Station D	Q3-Station B	Q3-Station B	Q3-Station C	Q3-Station C	Q3-Station D
Sample Date			10/15/2019	7/9/2019	7/9/2019	10/23/2019	10/23/2019	11/4/2019	11/4/2019	11/4/2019
Sample ID			NBH19-L-B-2-TM	NBH19-L-D-2	NBH19-L-D-2-TM	NBH19-L-B-3	NBH19-L-B-3-TM	NBH19-L-C-3	NBH19-L-C-3-TM	NBH19-L-D-3
Species			Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	3.94	U	0.346	U	10.4	J	0.377	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	4.98		0.346	U	22.6		0.377	U
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	26		0.86		75		0.377	U
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	21.8		0.597		72		0.377	U
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	293		5.85		767		1.26	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	20.8		1.15		151		0.755	U
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	14		0.498		55.8		0.377	U
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	21.7		1.2		121		0.377	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	7.87	U	0.692	U	27.4	U	0.755	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	152		5.21		559		0.716	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	34.3		0.381		43.9		0.377	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	3.56	J	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	11.8	U	1.04	U	41.1	U	1.13	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	114		2.38		377		0.468	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	8.28		0.692	U	39.6		0.755	U
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	7.87	U	0.692	U	13.7	J	0.755	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	4.5		0.268	J	49.6		0.377	U
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	29.1		1.49		218		0.377	U
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	3.94	U	0.346	U	19.8		0.377	U
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	666		14.3		2400		1.83	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	7.41		0.273	J	40.1		0.377	U
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	123		4.2		602		0.755	U
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	166		3.63		541		0.884	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	116		1.94		324		0.426	J
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	41.4		3.04		398		0.377	U
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	43		0.754		129		0.338	J
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	1420		26.7		3920		6.63	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	35		1.18		198		0.377	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	6.19	J	1.04	U	39.3	J	1.13	U
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	3.94	U	0.346	U	16.1		0.377	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	6.73		0.346	U	12.6	J	0.377	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	188		3.95		681		0.783	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	84.6		2.02		361		0.755	U
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	34.8		1.11		192		0.755	U
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	3.94	U	0.346	U	31.3		0.377	U
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	3.94	U	0.346	U	15.2		0.377	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609	L1958609
Location			Q2-Station B	Q2-Station D	Q2-Station D	Q3-Station B	Q3-Station B	Q3-Station C	Q3-Station C	Q3-Station D
Sample Date			10/15/2019	7/9/2019	7/9/2019	10/23/2019	10/23/2019	11/4/2019	11/4/2019	11/4/2019
Sample ID			NBH19-L-B-2-TM	NBH19-L-D-2	NBH19-L-D-2-TM	NBH19-L-B-3	NBH19-L-B-3-TM	NBH19-L-C-3	NBH19-L-C-3-TM	NBH19-L-D-3
Species			Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Lobster Meat
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	8.79		0.512		65.5		0.377	U
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	45.4		1.1		174		0.198	J
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	619		10.7		2150		2.17	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	2.84	J	0.192	J	38.3		0.377	U
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	375		4.76		984		1.48	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	58.8		2.48		386		0.755	U
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	5.13		0.339	J	73.6		0.377	U
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	2050		26.4		5470		8.35	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	7.97		0.403		77.9		0.377	U
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	99.3		1.92		370		0.57	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	43.8		0.661		131		0.199	J
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	381		5.78		1130		1.32	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	80.6		1.3		245		0.425	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	90.4		1.72		297		0.503	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	19.8		0.506		73.9		0.377	U
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	17.6		0.287	J	60.7		0.377	U
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	3.94	U	0.346	U	18.9		0.377	U
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	35		0.702		125		0.377	U
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	33.4		0.486		85		0.377	U
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	188		2.9		704		0.788	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	7.37	J	0.692	U	21.8	J	0.755	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	54.9		0.942		205		0.271	J
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	239		3.42		652		0.918	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	3.94	U	0.346	U	13.7	U	0.377	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	7.85		0.346	U	30.2		0.377	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	12.4		0.239	J	39.4		0.377	U
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	5.77		0.346	U	19.8		0.377	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			L1958609		L1958609		L1958609		L1958609		L1958609		L1958609		L1958609	
			Q2-Station B		Q2-Station D		Q2-Station D		Q3-Station B		Q3-Station B		Q3-Station C		Q3-Station C	
			10/15/2019		7/9/2019		7/9/2019		10/23/2019		10/23/2019		11/4/2019		11/4/2019	
			NBH19-L-B-2-TM		NBH19-L-D-2		NBH19-L-D-2-TM		NBH19-L-B-3		NBH19-L-B-3-TM		NBH19-L-C-3		NBH19-L-C-3-TM	
			Lobster Tomalley		Lobster Meat		Lobster Tomalley		Lobster Meat		Lobster Tomalley		Lobster Meat		Lobster Tomalley	
			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	14.9		0.346 U		36.7		0.377 U		4.87		0.379 U		10.5	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	23.1		0.311 J		71.8		0.377 U		9.9		0.379 U		18.1	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	6.46		0.346 U		18.3		0.377 U		2.16		0.379 U		5.26	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	15.2		0.235 J		47.9		0.377 U		4.79		0.379 U		12.5	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	3.94 U		0.346 U		13.7 U		0.377 U		1.99 U		0.379 U		3.53 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	3.94 U		0.346 U		13.7 U		0.377 U		1.99 U		0.379 U		3.53 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	26.1		0.457		78.4		0.377 U		10.3		0.276 J		25.6	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	16.3		0.231 J		36.9		0.377 U		5.27		0.232 J		15.8	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	11.7		0.221 J		39.2		0.377 U		5.03		0.379 U		11.1	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	7.1 J		0.692 U		17.1 J		0.755 U		2.37 J		0.758 U		6.84 J	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	3.94 U		0.346 U		13.7 U		0.377 U		1.99 U		0.379 U		3.53 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	6.99		0.346 U		25.1		0.377 U		3.86		0.379 U		14.5	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	3.94 U		0.346 U		13.7 U		0.377 U		1.99 U		0.379 U		3.1 J	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	6.25		0.346 U		16.2		0.377 U		1.81 J		0.379 U		9.32	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	3.52 J		0.346 U		13.7 U		0.377 U		1.99 U		0.379 U		5.92	
LIPIDS	Lipids	PERCEN	20.8		0.741		25.8		1.2		16.4		0.642		16.5	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958609	L1958609	L1958609	L1958618	L1958618	L1958618	L1958618	L1958618
Location			Q3-Station D	Q3-Station E	Q3-Station E	Q2-Station A	Q2-Station B	Q2-Station D	Q3-Station C	Q3-Station D
Sample Date			11/4/2019	11/4/2019	11/4/2019	7/18/2019	6/14/2019	5/31/2019	7/23/2019	7/23/2019
Sample ID			NBH19-L-D-3-TM	NBH19-L-E-3	NBH19-L-E-3-TM	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC
Species			Lobster Tomalley	Lobster Meat	Lobster Tomalley	Scup	Scup	Scup	Scup	Scup
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	3.51	U	0.395	U	1.92	U	0.395	J
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	1.92	J	0.395	U	1.27	J	0.348	J
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	3.51	U	0.395	U	1.11	J	0.377	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	3.51	U	0.395	U	1.92	U	0.2	J
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	3.51	U	0.395	U	1.92	U	1.37	
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	3.51	U	0.395	U	1.4	J	2.33	
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	3.51	U	0.395	U	1.26	J	0.826	
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	3.51	U	0.395	U	1.92	U	0.988	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	2.66	J	0.395	U	1.54	J	3.38	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	3.51	U	0.395	U	1.92	U	0.316	J
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	42.7		0.783		28.1		6.29	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	3.51	U	0.395	U	4.88		1.45	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	3.49	J	0.395	U	1.74	J	0.763	
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	7.14		0.395	U	2.94		0.377	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	3.51	U	0.395	U	1.92	U	1.35	
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	2.15	J	0.395	U	1.92	U	2.65	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	3.51	U	0.395	U	1.92	U	0.236	J
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	42.2		0.836		27.3		9.45	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	3.51	U	0.395	U	1.92	U	0.473	
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	8.77		0.395	U	7.5		16.3	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	3.51	U	0.395	U	1.92	U	0.355	J
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	12.9		0.395	U	8.14		16.2	
									6.49	
									16.2	
									4.71	
									2.56	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958609	L1958609	L1958609	L1958618	L1958618	L1958618	L1958618	L1958618
Location			Q3-Station D	Q3-Station E	Q3-Station E	Q2-Station A	Q2-Station B	Q2-Station D	Q3-Station C	Q3-Station D
Sample Date			11/4/2019	11/4/2019	11/4/2019	7/18/2019	6/14/2019	5/31/2019	7/23/2019	7/23/2019
Sample ID			NBH19-L-D-3-TM	NBH19-L-E-3	NBH19-L-E-3-TM	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC
Species			Lobster Tomalley	Lobster Meat	Lobster Tomalley	Scup	Scup	Scup	Scup	Scup
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	3.51	U	0.395	U	1.92	U	0.366	J
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	2.51	J	0.395	U	1.25	J	1.45	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	9.19		0.395	U	4.5		1.12	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	5.59		0.395	U	4.83		0.983	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	87.2		1.82		59.6		12.5	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	6.42	J	0.79	U	5.49		3.85	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	4.78		0.395	U	3.29		0.752	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	3.25	J	0.395	U	3.28		1.24	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	49.1		1.07		31.1		6.04	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	12.6		0.298	J	8.91		0.194	J
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	3.51	U	0.395	U	1.92	U	0.402	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	10.5	U	1.18	U	5.76	U	1.13	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	36.1		0.854		20.6		5.32	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	3.99	J	0.79	U	3.28	J	2.27	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	3.75		0.395	U	2.53		3.47	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	11.7		0.395	U	8.66		1.9	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	2.99	J	0.395	U	1.96		7.22	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	194		2.99		170		41.9	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	1.96	J	0.395	U	1.27	J	0.75	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	56.7		0.688	J	38.8		36.1	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	70.8		1.32		41.5		7.18	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	39.8		0.595	J	29.8		4.84	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	19.2		0.289	J	15.7		13	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	19.3		0.394	J	14.4		2.27	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	558		10.6		315		50.6	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	10.3		0.395	U	12.7		2.55	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	10.5	U	1.18	U	3.17	J	3.79	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	3.51	U	0.395	U	0.983	J	0.193	J
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	2.78	J	0.395	U	1.44	J	0.377	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	78.7		1.4		41.8		9.77	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	26.4		0.611	J	19.9		4.86	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	11.6		0.79	U	9.31		1.56	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	4.5		0.395	U	2.53		1.38	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

Method	Parameter	SDG Location Sample Date Sample ID Species Qc Code Units	L1958609		L1958609		L1958609		L1958618		L1958618		L1958618		L1958618			
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	3.24	J	0.395	U	2.34		0.402		0.363	J	0.324	J	0.388	U	0.371	U
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	3.51	U	0.395	U	1.92	U	0.683		0.42		0.692		0.329	J	0.371	U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	19.9		0.508		11.1		2.27		1.27		3.31		0.569		1.18	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	225		3.5		167		40.3		22.3		50.3		9.49		22.2	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	2.41	J	0.395	U	1.9	J	0.844		0.817		1.4		0.279	J	0.197	J
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	3.51	U	0.395	U	1.92	U	0.571		0.369		0.88		0.231	J	0.21	J
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	154		2.44		95.1		12.9		7.6		14.2		3.23		7.28	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	30.6		0.409	J	25.3		12		8.77		14.6		3.87		3.33	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	4.42		0.395	U	3.74		1.39		1.21		1.5		0.495		0.28	J
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	924		14.7		625		95.3		46.4		92.3		20.8		51.9	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	5.68		0.395	U	7.99		1.81		1.01		2.34		0.443		0.776	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	46.9		1		27.8		4.47		2.32		5.44		1.17		2.4	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	21		0.455		11.1		1.52		0.817		1.6		0.38	J	0.859	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	142		1.94		93.4		7.59		5.27		8.9		2.01		2.93	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	36		0.731		22		2.84		1.64		2.99		0.73		1.53	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	3.51	U	0.395	U	1.92	U	0.377	UJ	0.364	UJ	0.36	UJ	0.388	UJ	0.371	UJ
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	39.1		0.918		23.4		5.46		3.48		6.06		1.42		3.19	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	8.2		0.395	U	4.62		1.73		1.19		1.98		0.414		1.05	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	8.29		0.395	U	4.74		0.513		0.486		0.678		0.203	J	0.19	J
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	3.51	U	0.395	U	1.31	J	0.386		0.349	J	0.381		0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	3.51	U	0.395	U	1.92	U	0.224	J	0.364	U	0.259	J	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	9.89		0.395	U	5.65		0.576		0.579		0.471		0.224	J	0.371	U
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	13.6		0.204	J	9.16		0.294	J	0.373		0.302	J	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	83.6		1.55		52.2		9.76		6.56		10.4		2.46		5.55	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	7.02	U	0.79	U	3.84	U	0.753	U	0.727	U	0.374	J	0.777	U	0.742	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	21.6		0.458		16.4		4.12		3.1		4.49		1.08		2.49	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	104		1.71		61		6.74		7.2		8.55		2.31		4.1	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	3.51	U	0.395	U	1.92	U	0.377	U	0.364	U	0.36	U	0.388	U	0.371	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	3.77		0.395	U	2.76		0.343	J	0.241	J	0.32	J	0.388	U	0.221	J
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	5.01		0.395	U	2.72		0.835		0.548		0.973		0.204	J	0.473	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	1.77	J	0.395	U	1.57	J	0.265	J	0.204	J	0.301	J	0.388	U	0.371	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1958609	L1958609	L1958609	L1958618	L1958618	L1958618	L1958618	L1958618	
			Location	Q3-Station D	Q3-Station E	Q3-Station E	Q2-Station A	Q2-Station B	Q2-Station D	Q3-Station C	Q3-Station D	
			Sample Date	11/4/2019	11/4/2019	11/4/2019	7/18/2019	6/14/2019	5/31/2019	7/23/2019	7/23/2019	
			Sample ID	NBH19-L-D-3-TM	NBH19-L-E-3	NBH19-L-E-3-TM	NBH19-FF-A-2-SC	NBH19-FF-B-2-SC	NBH19-FF-D-2-SC	NBH19-FF-C-3-SC	NBH19-FF-D-3-SC	
			Species	Lobster Tomalley	Lobster Meat	Lobster Tomalley	Scup	Scup	Scup	Scup	Scup	
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	5.9		0.395 U		4.15		0.23 J		0.325 J	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	10.5		0.306 J		5.98		2.07 J		1.39	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	2.03 J		0.395 U		1.53 J		0.554		0.429	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	5.53		0.395 U		3.64		1.06		1.06	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	3.51 U		0.395 U		1.92 U		0.222 J		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	3.51 U		0.395 U		1.92 U		0.377 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	14.1		0.2 J		7.12		0.667		1.19	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	7.13		0.395 U		3.34		0.257 J		0.667	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	4.63		0.395 U		3.26		1.24 J		0.915	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	7.02 U		0.79 U		3.84 U		0.395 J		0.529 J	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	3.51 U		0.395 U		1.92 U		0.377 U		0.364 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	4.23		0.395 U		3.22		1.89 J		1.72 J	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	3.51 U		0.395 U		1.92 U		0.261 J		0.263 J	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	2.8 J		0.395 U		1.63 J		0.216 J		0.726	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	3.51 U		0.395 U		1.94		0.941 J		0.889	
LIPIDS	Lipids	PERCEN	20.4		0.667		14.3		1.66		1.28	
											1.15	
											0.777	
											0.388 U	
											0.578	
											0.388 U	
											0.263 J	
											0.388 U	
											0.36 U	
											0.388 U	
											0.388 U	
											0.291 J	
											0.388 U	
											0.325 J	
											0.777 U	
											0.476 J	
											0.36 U	
											0.388 U	
											1.35	
											0.454	
											0.205 J	
											0.388 U	
											0.409	
											0.388 U	
											0.684	
											0.283 J	
											0.378	
											0.92	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958618	L1958618	L1958618	L1958625	L1958625	L1958625	L1958625	L1958625
Location			Q3-Station E	S-MARION-1	S-MARION-2	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E
Sample Date			8/12/2019	9/30/2019	9/30/2019	7/18/2019	5/31/2019	6/14/2019	5/31/2019	8/16/2019
Sample ID			NBH19-FF-E-3-SC	NBH19-FF-SO1-SC	NBH19-FF-SO2-SC	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T
Species			Scup	Scup	Scup	Tautog	Tautog	Tautog	Tautog	Tautog
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.298	J	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.627		0.386	U	0.363	U	0.332	J
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.417		0.386	U	0.363	U	0.438	
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.198	J	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.904		0.209	J	0.311	J	1.13	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	2.2		0.544		0.848		2.38	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.498		0.386	U	0.595		1.1	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.258	J	0.386	U	0.363	U	0.233	J
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.514		0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	1.31		0.386	U	0.39		0.618	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	2.72		1.03		0.848		0.563	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	5.65		1.27		1.1	U	1.7	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	6		0.784	U	0.706	U	4.86	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958618	L1958618	L1958618	L1958625	L1958625	L1958625	L1958625	L1958625		
Location			Q3-Station E	S-MARION-1	S-MARION-2	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E		
Sample Date			8/12/2019	9/30/2019	9/30/2019	7/18/2019	5/31/2019	6/14/2019	5/31/2019	8/16/2019		
Sample ID			NBH19-FF-E-3-SC	NBH19-FF-SO1-SC	NBH19-FF-SO2-SC	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T		
Species			Scup	Scup	Scup	Tautog	Tautog	Tautog	Tautog	Tautog		
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS		
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.541		0.197	J	0.216	J	0.408		0.738	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.34	J	0.386	U	0.363	U	0.568		1.42	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.418		0.386	U	0.363	U	0.535		1.44	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	4.04		1.86		1.42		1.45		1.4	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	1.31		0.772	U	0.726	U	0.872		2.58	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.267	J	0.386	U	0.436		0.704		1.49	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.473		0.386	U	0.363	U	0.38	U	0.205	J
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U	0.691	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	2.1		0.762		0.706		2.98		7.09	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.379	U	0.386	U	0.363	U	0.209	J	0.365	
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.14	U	1.16	U	1.09	U	1.14	U	1.04	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	1.71		0.812		0.494		0.455		0.423	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	1.11		0.772	U	0.726	U	0.889		1.65	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U	0.691	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	1.66		0.365	J	0.333	J	0.828		1.5	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	1.61		0.203	J	0.363	U	1.22		2.02	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	2.9		0.799		0.554		0.193	J	0.345	U
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	15.1		7.35		4.1		0.848		0.58	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.307	J	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	13.8		4.37		2.26		13.2		30.3	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	2.34		1.16		0.862		3.15		7.44	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	2.5		1.08		0.601	J	2.55		5.92	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	5.86		0.918		0.849		1.6		4.03	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.764		0.441		0.272	J	0.905		2.06	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	17.9		7.91		4.66		15.3		24.5	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.86		0.306	J	0.217	J	0.38	U	0.345	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	2.07		1.16	U	1.09	U	1.09	J	1.81	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.256	J
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.223	J
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	3.37		1.81		0.869		2.06		5.33	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	1.66		0.52	J	0.726	U	0.524	J	1.54	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	1.35		0.772	U	0.726	U	0.552	J	1.27	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.2	J
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	0.785		0.386	U	0.363	U	0.404		0.796	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U	0.345	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958618	L1958618	L1958618	L1958625	L1958625	L1958625	L1958625	L1958625
Location			Q3-Station E	S-MARION-1	S-MARION-2	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E
Sample Date			8/12/2019	9/30/2019	9/30/2019	7/18/2019	5/31/2019	6/14/2019	5/31/2019	8/16/2019
Sample ID			NBH19-FF-E-3-SC	NBH19-FF-SO1-SC	NBH19-FF-SO2-SC	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T
Species			Scup	Scup	Scup	Tautog	Tautog	Tautog	Tautog	Tautog
Qc Code			FS	FS	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.312	J	0.386	U	0.363	U	0.198	J
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.352	J	0.386	U	0.363	U	0.211	J
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.826		0.328	J	0.363	U	0.899	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	13.6		7.49		3.31		3.84	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.573		0.386	U	0.363	U	0.221	J
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.271	J	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	6.29		2.93		1.41		6.53	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	7.02		1.76		0.992		3.19	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	1.15		0.286	J	0.363	U	0.787	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	30.1		17.2		9.93		35.9	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.725		0.496		0.2	J	0.38	U
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	1.78		0.622		0.351	J	2.41	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.626		0.291	J	0.24	J	0.802	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	5.41		1.81		0.817		6.27	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.18		0.496		0.315	J	1.47	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.379	UJ	0.386	UJ	0.363	UJ	0.38	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	2.22		0.945		0.573		2.14	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.714		0.318	J	0.363	U	0.496	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.4		0.198	J	0.363	U	0.25	J
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.304	J	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.648		0.386	U	0.363	U	0.356	J
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.437		0.386	U	0.363	U	0.364	J
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	3.66		1.54		0.886		3.43	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.758	U	0.772	U	0.726	U	0.759	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	1.51		0.842		0.509		1.1	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	4.44		2.5		1.18		4.36	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.224	J	0.386	U	0.363	U	0.38	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.322	J	0.289	J	0.363	U	0.342	J
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.379	U	0.386	U	0.363	U	0.38	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			SDG	L1958618	L1958618	L1958618	L1958625	L1958625	L1958625	L1958625	L1958625	
			Location	Q3-Station E	S-MARION-1	S-MARION-2	Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	
			Sample Date	8/12/2019	9/30/2019	9/30/2019	7/18/2019	5/31/2019	6/14/2019	5/31/2019	8/16/2019	
			Sample ID	NBH19-FF-E-3-SC	NBH19-FF-SO1-SC	NBH19-FF-SO2-SC	NBH19-FF-A-2-T	NBH19-FF-B-2-T	NBH19-FF-C-2-T	NBH19-FF-D-2-T	NBH19-FF-E-2-T	
			Species	Scup	Scup	Scup	Tautog	Tautog	Tautog	Tautog	Tautog	
			Qc Code	FS	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.292 J		0.386 U		0.363 U		0.216 J		0.523	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.806		0.5		0.258 J		0.476		1.5	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.231 J		0.386 U		0.363 U		0.38 U		0.483	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.356 J		0.234 J		0.363 U		0.344 J		0.895	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.379 U		0.386 U		0.363 U		0.38 U		0.345 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.379 U		0.386 U		0.363 U		0.38 U		0.345 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.601		0.222 J		0.363 U		0.351 J		0.866	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.213 J		0.386 U		0.363 U		0.203 J		0.347	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.39		0.386 U		0.363 U		0.354 J		0.834	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.758 U		0.772 U		0.726 U		0.759 U		0.691 U	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.379 U		0.386 U		0.363 U		0.38 U		0.345 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.553		0.375 J		0.363 U		0.221 J		0.586	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.379 U		0.386 U		0.363 U		0.38 U		0.345 U	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.379 U		0.386 U		0.363 U		0.38 U		0.213 J	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.304 J		0.283 J		0.363 U		0.38 U		0.262 J	
LIPIDS	Lipids	PERCEN	1.54		1.51		2.35		0.698		0.663	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	
Location			Q3-Station A	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-2	S-MARION-3	
Sample Date			8/6/2019	8/12/2019	7/23/2019	7/31/2019	8/12/2019	9/30/2019	9/30/2019	
Sample ID			NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T	NBH19-FF-SO2-T	NBH19-FF-SO3-T	
Species			Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.734	U	0.735	U	0.758	U	0.741	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.734	U	0.735	U	0.758	U	0.741	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.367	U	0.368	U	0.379	U	0.333	J
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.734	U	0.388	J	0.758	U	0.741	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.367	U	0.368	U	0.379	U	0.536	
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.367	U	0.368	U	0.379	U	0.438	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.293	J	0.329	J	0.286	J	1.77	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.509		0.64		0.519		3.37	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.421		0.927		0.242	J	1.76	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.367	U	0.368	U	0.379	U	0.418	
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.367	U	0.2	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.367	U	0.229	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	0.367	U	0.31	J	0.199	J	0.607	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	0.367	U	0.21	J	0.379	U	0.347	J
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	0.367	U	0.368	U	0.456	U	2.2	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.367	U	0.213	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	0.423	U	0.605	U	0.889	U	4.14	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	
Location			Q3-Station A	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-2	S-MARION-3	
Sample Date			8/6/2019	8/12/2019	7/23/2019	7/31/2019	8/12/2019	9/30/2019	9/30/2019	
Sample ID			NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T	NBH19-FF-SO2-T	NBH19-FF-SO3-T	
Species			Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.367	U	0.191	J	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.367	U	0.262	J	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.367	U	0.204	J	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	0.326	J	0.366	J	0.303	J	0.387	U
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	0.734	U	0.509	J	0.758	U	0.766	U
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.193	J	0.329	J	0.257	J	0.387	U
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.734	U	0.735	U	0.741	U	0.766	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	0.268	J	0.532	J	0.461	J	0.202	J
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.367	U	0.196	J	0.379	U	0.387	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.367	U	0.198	J	0.379	U	0.387	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.1	U	1.1	U	1.14	U	1.15	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	0.367	U	0.368	U	0.379	U	0.548	J
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.734	U	0.444	J	0.758	U	0.58	J
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.734	U	0.401	J	0.758	U	0.774	U
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	0.367	U	0.265	J	0.197	J	0.603	J
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	0.367	U	0.29	J	0.716	J	1.08	J
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	0.367	U	0.368	U	0.379	U	0.254	J
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	0.367	U	0.346	J	0.379	U	1.26	J
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	0.945	J	1.78	J	2.25	J	7.9	J
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	0.222	J	0.641	J	1.05	J	2.1	J
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	0.734	U	0.751	J	0.52	J	0.845	J
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	0.367	U	0.262	J	0.467	J	1.56	J
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	0.367	U	0.281	J	0.205	J	0.591	J
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	0.968	J	1.74	J	1.73	J	10.4	J
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	1.1	U	1.1	U	1.14	U	0.801	J
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.367	U	0.231	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	0.216	J	0.426	J	0.749	J	2.27	J
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	0.734	U	0.735	U	0.758	U	0.656	J
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	0.734	U	0.735	U	0.758	U	0.741	U
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	0.367	U	0.19	J	0.379	U	0.259	J
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	
Location			Q3-Station A	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-2	S-MARION-3	
Sample Date			8/6/2019	8/12/2019	7/23/2019	7/31/2019	8/12/2019	9/30/2019	9/30/2019	
Sample ID			NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T	NBH19-FF-SO2-T	NBH19-FF-SO3-T	
Species			Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.367	U	0.184	J	0.379	U	0.595	U
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	0.298	J	0.248	J	0.263	J	3.22	U
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.367	U	0.368	U	0.379	U	0.242	J
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	0.602		1.36		1.22		4.73	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	0.734	U	0.607	J	1.04		2.94	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	0.367	U	0.368	U	0.379	U	0.62	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	2.74		5.58		5.1		8.46	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	0.252	J	0.532		0.486		0.592	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.367	U	0.25	J	0.379	U	0.23	J
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	0.47	J	1.24		1.27		1.91	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	0.367	U	0.379		0.244	J	0.4	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	0.223	J	0.499		0.412		0.608	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.367	U	0.185	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	0.367	U	0.368	U	0.379	U	0.212	J
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.367	U	0.225	J	0.379	U	0.308	J
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	0.279	J	0.718		0.72		2.97	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.734	U	0.735	U	0.758	U	0.741	U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	0.367	U	0.294	J	0.379	U	0.197	J
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	0.405		1.07		0.813		1.26	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.367	U	0.368	U	0.379	U	0.308	J
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.367	U	0.368	U	0.379	U	0.387	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	L1958625	
		Location	Q3-Station A	Q3-Station B	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-2	S-MARION-3	
		Sample Date	8/6/2019	8/12/2019	7/23/2019	7/31/2019	8/12/2019	9/30/2019	9/30/2019	
		Sample ID	NBH19-FF-A-3-T	NBH19-FF-B-3-T	NBH19-FF-C-3-T	NBH19-FF-D-3-T	NBH19-FF-E-3-T	NBH19-FF-SO2-T	NBH19-FF-SO3-T	
		Species	Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	Tautog	
		Qc Code	FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.367	U	0.196	J	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.367	U	0.368	U	0.379	U	0.361	J
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.734	U	0.735	U	0.758	U	0.741	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.367	U	0.368	U	0.379	U	0.37	U
LIPIDS	Lipids	PERCEN	0.705		0.735		0.667		0.859	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	
Location			Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q3-Station A	Q3-Station B	
Sample Date			7/18/2019	6/14/2019	7/9/2019	5/13/2019	8/16/2019	8/6/2019	8/12/2019	
Sample ID			NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB	NBH19-FF-E-2-BSB	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	
Species			Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.716	U	0.687	U	0.787	U	0.769	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.358	U	0.195	J	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.358	U	0.238	J	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.716	U	0.687	U	0.787	U	0.769	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.358	U	0.348		0.409	J	0.376	J
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.358	U	0.408		0.446		0.556	
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.716	U	0.687	U	0.787	U	0.769	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.358	U	0.344	U	0.325	J	0.287	J
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.358	U	0.344	U	0.394	U	0.528	
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.308	J	1.68		1.3		2.71	
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.774		3.1		3.95		8.46	
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.358	U	1.29		0.497		0.508	
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.358	U	0.414		0.323	J	0.385	
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.182	J	0.321	J	0.428		0.751	
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.622		0.946		2.16		4.36	
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	2.59		2.54		6.06		14	
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.358	U	0.344	U	0.366	J	0.361	J
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	2.3		2.61		7.37		22.4	
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	3.27		6.05		13.3		42.9	
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	10.3		9.91		22.4		73.6	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	
Location			Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q3-Station A	Q3-Station B	
Sample Date			7/18/2019	6/14/2019	7/9/2019	5/13/2019	8/16/2019	8/6/2019	8/12/2019	
Sample ID			NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB	NBH19-FF-E-2-BSB	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	
Species			Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.358	U	0.199	J	0.212	J	0.385	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.64		0.55		1.01		3.21	
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.602		0.485		1.16		3.68	
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.372		0.435		0.895		2.77	
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	3.31		3.84		9.71		25.9	
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	1.03		1.54		3.74		8.13	
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.358	U	0.857		0.297	J	0.388	
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.358	U	0.349		0.401		0.432	
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.716	U	0.687	U	0.787	U	0.769	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	2.55		2.82		6.32		21.2	
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.395		0.348		1.03		2.33	
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	0.978	J	0.596	J	2.01		3.95	
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	2.29		1.61		5.74		13.8	
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	1.2		1.66		4.26		11.2	
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	1.21		1.05		2.67		6.16	
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	2.67		1.94		5.33		16.2	
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	7.04		4.02		11.7		34.4	
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	2.95		2.32		6.7		19.7	
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	3.06		7.38		14.5		48.4	
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.358	U	0.344	U	0.219	J	0.635	
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	23.4		16.1		39		135	
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.358	U	0.344	U	0.394	U	0.385	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	5.22		3.28		8.41		27.8	
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	2.43		2.22		4.7		13.2	
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	12.4		8.37		33.6		74.5	
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1.93		0.872		1.99		6.98	
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	32.8	J+	18.9		48.7		171	
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	1.8		0.828		3.5		10.4	
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	5.49		4.56		11.1		33.8	
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.358	U	0.344	U	0.394	U	0.335	J
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.358	U	0.344	U	0.394	U	0.493	
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	7.21		3.63		11.4		30.5	
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	4.23		2.24		6.88		21.4	
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	2.94		1.98		5.94		15	
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.358	U	0.344	U	0.229	J	0.38	J
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	3.52		2.12		7.15		16.2	
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	1.28		0.62		2.08		5.25	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	L1958629	
Location			Q2-Station A	Q2-Station B	Q2-Station C	Q2-Station D	Q2-Station E	Q3-Station A	Q3-Station B	
Sample Date			7/18/2019	6/14/2019	7/9/2019	5/13/2019	8/16/2019	8/6/2019	8/12/2019	
Sample ID			NBH19-FF-A-2-BSB	NBH19-FF-B-2-BSB	NBH19-FF-C-2-BSB	NBH19-FF-D-2-BSB	NBH19-FF-E-2-BSB	NBH19-FF-A-3-BSB	NBH19-FF-B-3-BSB	
Species			Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	
Qc Code			FS	FS	FS	FS	FS	FS	FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	3.1		1.51		5.02		12.8	
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.759		0.634		1.48		4.71	
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	1.3		0.944		2.55		8.09	
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	22.4		14.9		39.5		116	
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	1.55		1.03		2.79		8.66	
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.18 J		0.232 J		0.424		1.28	
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	11.3		5.85		13.4		44.4	
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	20.8 J+		10.2 J+		33.1 J+		96.4 J+	
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	3.2		2.22		5.29		15.9	
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	63.2 J+		31.2		74.9		273	
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.358 U		0.337 J		0.546		1.98	
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U	
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	3.4		1.8		4.59		16.1	
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	1.28		0.655		1.56		4.85	
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	13.7		6.53		16.9		56.3	
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.67		1.13		2.48		8.63	
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U	
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U	
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	3.66		2.3		5.2		15.6	
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.816		0.599		1.22		3.32	
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.787		0.502		1.01		2.91	
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.358 U		0.344 U		0.394 U		0.215 J	
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	1.45		0.823		2.4		5.33	
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.358 U		0.344 U		0.299 J		0.705	
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	2.17		1.36		2.79		7.17	
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	1.42		0.989		1.65		4.69	
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	6.7		4.15		7.75		26.8	
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.716 U		0.687 U		0.787 U		0.891	
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	2.9		1.79		3.57		10.9	
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U	
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.358 U		0.344 U		0.394 U		0.53	
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	8.63		5.36		9.56		30	
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.358 U		0.344 U		0.394 U		0.249 J	
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.336 J		0.181 J		0.329 J		1.04	
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.593		0.364		0.746		2.68	
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.228 J		0.344 U		0.28 J		0.787	

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

			L1958629		L1958629		L1958629		L1958629		L1958629		L1958629			
			Q2-Station A		Q2-Station B		Q2-Station C		Q2-Station D		Q2-Station E		Q3-Station A		Q3-Station B	
			7/18/2019		6/14/2019		7/9/2019		5/13/2019		8/16/2019		8/6/2019		8/12/2019	
			NBH19-FF-A-2-BSB		NBH19-FF-B-2-BSB		NBH19-FF-C-2-BSB		NBH19-FF-D-2-BSB		NBH19-FF-E-2-BSB		NBH19-FF-A-3-BSB		NBH19-FF-B-3-BSB	
			Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass	
			FS		FS		FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.584		0.331 J		0.588		1.81		0.18 J		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	1.1		0.856		1.1		3.56		0.392		0.287 J		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.318 J		0.248 J		0.416		1.08		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.613		0.541		0.783		2.1		0.201 J		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.358 U		0.344 U		0.394 U		0.218 J		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	1.72		1.2		1.86		4.26		0.4		0.31 J		0.19 J	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.793		0.552		1.03		1.94		0.242 J		0.205 J		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.625		0.522		0.809		1.94		0.19 J		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.716 U		0.687 U		0.787 U		0.836		0.688 U		0.733 U		0.727 U	
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.358 U		0.344 U		0.394 U		0.385 U		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.863		0.647		1.13		1.57		0.175 J		0.222 J		0.364 U	
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.358 U		0.344 U		0.394 U		0.292 J		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.499		0.302 J		0.62		0.81		0.344 U		0.366 U		0.364 U	
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.472		0.271 J		0.609		0.535		0.344 U		0.366 U		0.364 U	
LIPIDS	Lipids	PERCEN	0.372		1.18		0.441		0.431		0.496		0.527		0.582	

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1958629		L1958629		L1958629		L1958629		L1958629	
		Location	Q3-Station C		Q3-Station D		Q3-Station E		S-MARION-1		S-MARION-2	
		Sample Date	7/23/2019		7/26/2019		8/6/2019		9/30/2019		9/30/2019	
		Sample ID	NBH19-FF-C-3-BSB		NBH19-FF-D-3-BSB		NBH19-FF-E-3-BSB		NBH19-FF-SO1-BSB		NBH19-FF-SO2-BSB	
		Species	Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass	
		Qc Code	FS		FS		FS		FS		FS	
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl1-BZ#1	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl1-BZ#3	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#4/#10	UG/KG	0.742	U	0.672	U	0.759	U	0.718	U	0.739	U
8270D-SIM/680(M)	Cl2-BZ#5	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#6	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#7	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#8	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#12	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl2-BZ#13	UG/KG	0.742	U	0.672	U	0.759	U	0.718	U	0.739	U
8270D-SIM/680(M)	Cl2-BZ#15	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#16	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#17	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#18	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#19	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#21/#20	UG/KG	0.742	U	0.672	U	0.759	U	0.718	U	0.739	U
8270D-SIM/680(M)	Cl3-BZ#22	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#24	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#25	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#26	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#27	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#28	UG/KG	0.572	J	0.272	J	0.57	J	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#29	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#31	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#32	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#33	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl3-BZ#37	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#40	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#41	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#42	UG/KG	0.231	J	0.213	J	0.293	J	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#43	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#44	UG/KG	1.12		0.95		0.72		0.288	J	0.37	U
8270D-SIM/680(M)	Cl4-BZ#45	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#47	UG/KG	1.59		1.22		1.02		0.407		0.192	J
8270D-SIM/680(M)	Cl4-BZ#48	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#49	UG/KG	2.23		1.46		1.2		0.284	J	0.37	U
8270D-SIM/680(M)	Cl4-BZ#50	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#51	UG/KG	0.371	U	0.336	U	0.38	U	0.359	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#52	UG/KG	5.11		5.15		2.35		1.18		0.251	J

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG			L1958629	L1958629	L1958629	L1958629	L1958629	L1958629
Location			Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-1	S-MARION-2	S-MARION-3
Sample Date			7/23/2019	7/26/2019	8/6/2019	9/30/2019	9/30/2019	9/30/2019
Sample ID			NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB	NBH19-FF-E-3-BSB	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB
Species			Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass
Qc Code			FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl4-BZ#53	UG/KG	0.371	U	0.336	U	0.38	U
8270D-SIM/680(M)	Cl4-BZ#54	UG/KG	0.371	U	0.336	U	0.359	U
8270D-SIM/680(M)	Cl4-BZ#56	UG/KG	0.333	J	0.43	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#60	UG/KG	0.285	J	0.304	J	0.359	U
8270D-SIM/680(M)	Cl4-BZ#63	UG/KG	0.228	J	0.298	J	0.37	U
8270D-SIM/680(M)	Cl4-BZ#66	UG/KG	2.2	U	2.15	U	0.803	J
8270D-SIM/680(M)	Cl4-BZ#68/#64	UG/KG	0.639	J	0.504	J	0.718	U
8270D-SIM/680(M)	Cl4-BZ#70	UG/KG	0.371	U	0.336	U	0.739	U
8270D-SIM/680(M)	Cl4-BZ#71	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#73/#46	UG/KG	0.742	U	0.672	U	0.359	U
8270D-SIM/680(M)	Cl4-BZ#74	UG/KG	1.52	U	1.72	U	0.718	U
8270D-SIM/680(M)	Cl4-BZ#76	UG/KG	0.371	U	0.336	U	0.739	U
8270D-SIM/680(M)	Cl4-BZ#77	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl4-BZ#81	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl5-BZ#82	UG/KG	0.248	J	0.216	J	0.359	U
8270D-SIM/680(M)	Cl5-BZ#83/#125/#112	UG/KG	1.11	U	0.559	J	0.37	U
8270D-SIM/680(M)	Cl5-BZ#85	UG/KG	1.44	U	1.77	U	1.08	U
8270D-SIM/680(M)	Cl5-BZ#87/#111	UG/KG	0.99	U	0.811	J	1.11	U
8270D-SIM/680(M)	Cl5-BZ#89/#84	UG/KG	0.544	J	0.419	J	0.189	J
8270D-SIM/680(M)	Cl5-BZ#91	UG/KG	1.43	U	1.57	U	0.739	U
8270D-SIM/680(M)	Cl5-BZ#92	UG/KG	3.5	U	5.71	U	0.739	U
8270D-SIM/680(M)	Cl5-BZ#97	UG/KG	1.58	U	1.56	U	0.37	U
8270D-SIM/680(M)	Cl5-BZ#99	UG/KG	3.42	U	1.97	U	1.02	U
8270D-SIM/680(M)	Cl5-BZ#100	UG/KG	0.371	U	0.336	U	0.313	J
8270D-SIM/680(M)	Cl5-BZ#101/#90	UG/KG	14.3	U	19.3	U	0.951	U
8270D-SIM/680(M)	Cl5-BZ#104	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl5-BZ#105	UG/KG	3.06	U	4.78	U	0.37	U
8270D-SIM/680(M)	Cl5-BZ#107/#123	UG/KG	1.66	U	2.63	U	0.276	J
8270D-SIM/680(M)	Cl5-BZ#110	UG/KG	6.46	U	8.64	U	0.739	U
8270D-SIM/680(M)	Cl5-BZ#114	UG/KG	1	U	1.78	U	0.896	U
8270D-SIM/680(M)	Cl5-BZ#118	UG/KG	20.7	U	32.5	U	2.94	U
8270D-SIM/680(M)	Cl5-BZ#119	UG/KG	1.03	U	1.66	U	0.958	U
8270D-SIM/680(M)	Cl5-BZ#121/#95/#88	UG/KG	2.99	U	2.94	U	16	U
8270D-SIM/680(M)	Cl5-BZ#124	UG/KG	0.371	U	0.336	U	0.552	U
8270D-SIM/680(M)	Cl5-BZ#126	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#128	UG/KG	4.13	U	7.56	U	1.11	U
8270D-SIM/680(M)	Cl6-BZ#129/#158	UG/KG	2.53	U	4.08	U	1.11	U
8270D-SIM/680(M)	Cl6-BZ#130/#164	UG/KG	1.72	U	2.74	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#131	UG/KG	0.371	U	0.336	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#132	UG/KG	1.77	U	2.16	U	0.37	U
8270D-SIM/680(M)	Cl6-BZ#134	UG/KG	0.551	U	1.02	U	0.75	U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1958629	L1958629	L1958629	L1958629	L1958629	L1958629				
		Location	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-1	S-MARION-2	S-MARION-3				
		Sample Date	7/23/2019	7/26/2019	8/6/2019	9/30/2019	9/30/2019	9/30/2019				
		Sample ID	NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB	NBH19-FF-E-3-BSB	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB				
		Species	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass				
		Qc Code	FS	FS	FS	FS	FS	FS				
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier				
8270D-SIM/680(M)	Cl6-BZ#135	UG/KG	1.51		2.7		0.892		0.504		0.37 U	1.36
8270D-SIM/680(M)	Cl6-BZ#136	UG/KG	0.384		0.446		0.197 J		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl6-BZ#137	UG/KG	0.892		1.13		0.393		0.261 J		0.37 U	0.555
8270D-SIM/680(M)	Cl6-BZ#138	UG/KG	14.1		21		8.01		3.1		1.12	12.4
8270D-SIM/680(M)	Cl6-BZ#141	UG/KG	0.928		1.46		0.464		0.256 J		0.37 U	0.755
8270D-SIM/680(M)	Cl6-BZ#144	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl6-BZ#146	UG/KG	6.78		12.5		3.56		1.75		0.591	6.46
8270D-SIM/680(M)	Cl6-BZ#147/#149	UG/KG	10.7 J+		16.6 J+		5.3 J+		2.55 J+		0.655 J+	8.29 J+
8270D-SIM/680(M)	Cl6-BZ#151	UG/KG	1.85		2.88		0.839		0.507		0.37 U	1.29
8270D-SIM/680(M)	Cl6-BZ#153	UG/KG	37.4		71.4		19.2		9.87		3.2	39.4
8270D-SIM/680(M)	Cl6-BZ#154	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl6-BZ#155	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl6-BZ#156	UG/KG	2.12		3.43		1.17		0.614		0.37 U	2.01
8270D-SIM/680(M)	Cl6-BZ#157	UG/KG	0.713		1.27		0.428		0.215 J		0.37 U	0.733
8270D-SIM/680(M)	Cl6-BZ#163/#160	UG/KG	7.98		14.4		4.09		2.11		0.59 J	7.28
8270D-SIM/680(M)	Cl6-BZ#167	UG/KG	1.06		1.71		0.562		0.338 J		0.37 U	0.998
8270D-SIM/680(M)	Cl6-BZ#168	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl6-BZ#169	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#170	UG/KG	2.17		4.25		1.45		0.74		0.25 J	2.46
8270D-SIM/680(M)	Cl7-BZ#171	UG/KG	0.554		0.902		0.345 J		0.359 U		0.37 U	0.523
8270D-SIM/680(M)	Cl7-BZ#172	UG/KG	0.484		0.846		0.285 J		0.192 J		0.37 U	0.424
8270D-SIM/680(M)	Cl7-BZ#173	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#174	UG/KG	0.678		1.31		0.485		0.202 J		0.37 U	0.782
8270D-SIM/680(M)	Cl7-BZ#176	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#177	UG/KG	1.19		2.08		0.722		0.34 J		0.37 U	1.13
8270D-SIM/680(M)	Cl7-BZ#178	UG/KG	0.919		1.55		0.508		0.252 J		0.37 U	0.968
8270D-SIM/680(M)	Cl7-BZ#180	UG/KG	3.74		6.95		2.2		1.01		0.418	4.05
8270D-SIM/680(M)	Cl7-BZ#182/#175	UG/KG	0.742 U		0.672 U		0.759 U		0.718 U		0.739 U	0.739 U
8270D-SIM/680(M)	Cl7-BZ#183	UG/KG	1.69		2.84		0.93		0.478		0.239 J	1.69
8270D-SIM/680(M)	Cl7-BZ#184	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#185	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#187	UG/KG	5.11		9.44		2.76		1.38		0.647	5.17
8270D-SIM/680(M)	Cl7-BZ#188	UG/KG	0.371 U		0.336 U		0.38 U		0.359 U		0.37 U	0.37 U
8270D-SIM/680(M)	Cl7-BZ#189	UG/KG	0.222 J		0.342		0.38 U		0.359 U		0.37 U	0.265 J
8270D-SIM/680(M)	Cl7-BZ#190	UG/KG	0.395		0.61		0.222 J		0.359 U		0.37 U	0.376
8270D-SIM/680(M)	Cl7-BZ#191	UG/KG	0.371 U		0.193 J		0.38 U		0.359 U		0.37 U	0.37 U

Table 2 - Summary of Analytical Results
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

		SDG	L1958629	L1958629	L1958629	L1958629	L1958629	L1958629
		Location	Q3-Station C	Q3-Station D	Q3-Station E	S-MARION-1	S-MARION-2	S-MARION-3
		Sample Date	7/23/2019	7/26/2019	8/6/2019	9/30/2019	9/30/2019	9/30/2019
		Sample ID	NBH19-FF-C-3-BSB	NBH19-FF-D-3-BSB	NBH19-FF-E-3-BSB	NBH19-FF-SO1-BSB	NBH19-FF-SO2-BSB	NBH19-FF-SO3-BSB
		Species	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass	Black Sea Bass
		Qc Code	FS	FS	FS	FS	FS	FS
Method	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
8270D-SIM/680(M)	Cl7-BZ#193	UG/KG	0.357	J	0.506		0.38	U
8270D-SIM/680(M)	Cl8-BZ#194	UG/KG	0.709		1.26		0.461	
8270D-SIM/680(M)	Cl8-BZ#195	UG/KG	0.371	U	0.327	J	0.38	U
8270D-SIM/680(M)	Cl8-BZ#196	UG/KG	0.358	J	0.655		0.28	J
8270D-SIM/680(M)	Cl8-BZ#197	UG/KG	0.371	U	0.336	U	0.38	U
8270D-SIM/680(M)	Cl8-BZ#199	UG/KG	0.371	U	0.336	U	0.38	U
8270D-SIM/680(M)	Cl8-BZ#201	UG/KG	0.87		1.49		0.587	
8270D-SIM/680(M)	Cl8-BZ#202	UG/KG	0.471		0.684		0.281	J
8270D-SIM/680(M)	Cl8-BZ#203	UG/KG	0.386		0.638		0.219	J
8270D-SIM/680(M)	Cl8-BZ#204/#200	UG/KG	0.742	U	0.672	U	0.759	U
8270D-SIM/680(M)	Cl8-BZ#205	UG/KG	0.371	U	0.336	U	0.38	U
8270D-SIM/680(M)	Cl9-BZ#206	UG/KG	0.411		0.586		0.307	J
8270D-SIM/680(M)	Cl9-BZ#207	UG/KG	0.371	U	0.336	U	0.38	U
8270D-SIM/680(M)	Cl9-BZ#208	UG/KG	0.278	J	0.36		0.197	J
8270D-SIM/680(M)	Decachlorobiphenyl	UG/KG	0.217	J	0.252	J	0.38	U
LIPIDS	Lipids	PERCEN	0.475		0.43		0.455	
							0.546	
							0.473	
								0.414

NOTES:
 ug/kg = microgram per kilogram
 U = not detected at the reported detection limit
 J = estimated value
 J- = estimated value, biased low
 J+ = estimated value, biased high
 FS = field sample

Table 3 - Summary of Qualification Actions
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG	Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Validation Result	Validation Qualifier	Val Reason Code	Units
L1927831	8270D-SIM/680(M)	L1927831-01	A3-A-BF	C13-BZ#31	1.41		1.41	J	LD	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-01	A3-A-BF	C14-BZ#47	3.62		3.62	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-01	A3-A-BF	Decachlorobiphenyl	0.956		0.956	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-02	A3-B-BF	C14-BZ#47	0.781		0.781	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-02	A3-B-BF	Decachlorobiphenyl	0.936		0.936	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-03	A3-C-BF	C14-BZ#47	1.31		1.31	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-03	A3-C-BF	Decachlorobiphenyl	3		3	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-04	A3-D-BF	C14-BZ#47	5.58		5.58	J	CCV%D	UG/KG
L1927831	8270D-SIM/680(M)	L1927831-05	A3-E-BF	C14-BZ#47	1.74		1.74	J	CCV%D	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C12-BZ#15	1.67		1.67	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C12-BZ#4/#10	16.4		16.4	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C12-BZ#6	31.2		31.2	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C12-BZ#7	0.829		0.829	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C12-BZ#8	28.7		28.7	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#16	3.13		3.13	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#17	35.1		35.1	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#18	76.3		76.3	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#19	9.86		9.86	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#21/#20	2.76		2.76	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#22	6.22		6.22	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#25	44.3		44.3	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#26	70.8		70.8	J-	MSL, LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#27	17.7		17.7	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#28	67.6		67.6	J-	MSL, LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#31	66.3		66.3	J-	MSL, LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#32	25.3		25.3	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#33	1.39		1.39	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C13-BZ#37	0.893		0.893	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#40	1.75		1.75	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#42	7.33		7.33	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#44	20.4		20.4	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#45	2.72		2.72	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#47	22.2		22.2	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#48	1.44		1.44	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#49	79.6		79.6	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#51	6.59		6.59	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#52	87.7		87.7	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#53	18.4		18.4	J	LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	C14-BZ#56	2.62		2.62	J	LD	UG/KG

Table 3 - Summary of Qualification Actions
 Data Validation Summary
 Massachusetts Department of Environmental Protection
 New Bedford Harbor Superfund Site
 Seafood Contaminant Survey Monitoring 2019 Sampling
 New Bedford, Massachusetts

SDG	Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Validation Result	Validation Qualifier	Val Reason Code	Units
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#60	1.04		1.04 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#63	1.37		1.37 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#66	9.32		9.32 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#68/#64	11.8		11.8 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#70	5.18		5.18 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#71	13.4		13.4 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#73/#46	3.02		3.02 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl4-BZ#74	7.18		7.18 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#100	1.2		1.2 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#101/#90	34.1		34.1 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#105	3.81		3.81 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#107/#123	3.55		3.55 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#110	22.3		22.3 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#114	1.57		1.57 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#118	30		30 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#119	3.27		3.27 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#121/#95/#88	14.8		14.8 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#82	0.669		0.669 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#85	2.8		2.8 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#87/#111	3.05		3.05 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#89/#84	4.42		4.42 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#91	9.04		9.04 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#92	8.25		8.25 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#97	7.79		7.79 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl5-BZ#99	29.1		29.1 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#128	5.56		5.56 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#129/#158	3.66		3.66 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#130/#164	2.67		2.67 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#132	2.31		2.31 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#134	0.73		0.73 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#135	1.51		1.51 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#136	1.92		1.92 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#137	1.38		1.38 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#138	27		27 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#141	1.8		1.8 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#146	11.1		11.1 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#147/#149	16.9		16.9 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#151	4.57		4.57 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#153	59.7		59.7 J-		MSL, LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#154	2.11		2.11 J		LD	UG/KG

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SDG	Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Validation Result	Validation Qualifier	Val Reason Code	Units
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#156	3.24		3.24 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#157	0.944		0.944 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#163/#160	11.5		11.5 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl6-BZ#167	2.04		2.04 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#170	4.54		4.54 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#171	1.27		1.27 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#172	0.789		0.789 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#174	1.14		1.14 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#177	2.06		2.06 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#178	1.72		1.72 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#180	8.17		8.17 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#183	3.04		3.04 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl7-BZ#187	11.3		11.3 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl8-BZ#194	2.16		2.16 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl8-BZ#196	1.44		1.44 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl8-BZ#201	2.85		2.85 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl8-BZ#202	1.19		1.19 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl8-BZ#203	1.47		1.47 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl9-BZ#206	1.86		1.86 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Cl9-BZ#208	0.938		0.938 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-01	A3-A-SB-FF	Decachlorobiphenyl	1.31		1.31 J		LD	UG/KG
L1928364	8270D-SIM/680(M)	L1928364-16	A3-C-SB-SC	Cl6-BZ#156	1.69		1.69 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl3-BZ#17	33.5		33.5 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl3-BZ#18	71.1		71.1 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl3-BZ#25	56		56 J+		MSH, LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl3-BZ#33	6.46		6.46 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#42	30.2		30.2 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#44	66.7		66.7 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#66	61.4		61.4 J+		MSH, LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#70	43.8		43.8 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#71	30.5		30.5 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#74	42.3		42.3 J+		MSH, LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl4-BZ#77	1.64		1.64 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl5-BZ#100	4.92		4.92 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl5-BZ#119	13.3		13.3 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	Cl5-BZ#124	2.97		2.97 J		LD	UG/KG

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L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#82	4.8		4.8 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#83/#125/#112	6.01		6.01 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#85	13.2		13.2 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#91	48.3		48.3 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#92	36		36 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C15-BZ#97	44.8		44.8 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C16-BZ#138	67.2		67.2 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C16-BZ#147/#149	108		108 J+		MSH	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C17-BZ#185	0.554		0.554 J		LD	UG/KG
L1940598	8270D-SIM/680(M)	L1940598-01	A1-B-BF	C18-BZ#202	1.37		1.37 J		LD	UG/KG
L1940599	8270D-SIM/680(M)	L1940599-01	A1-A-BC	C15-BZ#83/#125/#112	4.21		4.21 J		LD	UG/KG
L1940599	8270D-SIM/680(M)	L1940599-01	A1-A-BC	C17-BZ#193	1.21		1.21 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C15-BZ#105	1.26		1.26 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C15-BZ#114	0.56		0.56 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C16-BZ#138	6.2		6.2 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C16-BZ#167	0.635		0.635 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C17-BZ#170	1.01		1.01 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C17-BZ#178	0.561		0.561 J		LD	UG/KG
L1943672	8270D-SIM/680(M)	L1943672-01	NBH19-FF-C-1	C18-BZ#201	0.625		0.625 J		LD	UG/KG
L1946403	8270D-SIM/680(M)	L1946403-01	L-MARION-MT-2	C16-BZ#153	1.79		1.79 J		LD	UG/KG
L1958601	8270D-SIM/680(M)	L1958601-01	NBH19-SF-A-2	C17-BZ#170	0.660		0.660 J		LD	UG/KG
L1958609	8270D-SIM/680(M)	L1958609-02	NBH19-L-A-2-TM	C17-BZ#174	6.84		6.84 J		LD	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-01	NBH19-FF-A-2-SC	C16-BZ#169	0.377 U		0.377 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-01	NBH19-FF-A-2-SC	C18-BZ#194	2.07		2.07 J		LD	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-01	NBH19-FF-A-2-SC	C18-BZ#203	1.24		1.24 J		LD	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-01	NBH19-FF-A-2-SC	C19-BZ#206	1.89		1.89 J		LD	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-01	NBH19-FF-A-2-SC	Decachlorobiphenyl	0.941		0.941 J		LD	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-02	NBH19-FF-B-2-SC	C16-BZ#169	0.364 U		0.364 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-05	NBH19-FF-C-3-SC	C16-BZ#169	0.388 U		0.388 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-04	NBH19-FF-D-2-SC	C16-BZ#169	0.36 U		0.36 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-06	NBH19-FF-D-3-SC	C16-BZ#169	0.371 U		0.371 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-07	NBH19-FF-E-3-SC	C16-BZ#169	0.379 U		0.379 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-08	NBH19-FF-SO1-SC	C14-BZ#52	0.784		0.784 U		BL1	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-08	NBH19-FF-SO1-SC	C16-BZ#169	0.386 U		0.386 UJ		CCV%D	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-09	NBH19-FF-SO2-SC	C14-BZ#49	1.1		1.1 U		BL1	UG/KG
L1958618	8270D-SIM/680(M)	L1958618-09	NBH19-FF-SO2-SC	C14-BZ#52	0.706		0.706 U		BL1	UG/KG

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L1958618	8270D-SIM/680(M)	L1958618-09	NBH19-FF-SO2-SC	Cl6-BZ#169	0.363	U	0.363	UJ	CCV%D	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-06	NBH19-FF-A-3-T	Cl4-BZ#49	0.238	J	0.367	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-06	NBH19-FF-A-3-T	Cl4-BZ#52	0.423		0.423	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-07	NBH19-FF-B-3-T	Cl4-BZ#49	0.331	J	0.368	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-07	NBH19-FF-B-3-T	Cl4-BZ#52	0.605		0.605	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-08	NBH19-FF-C-3-T	Cl4-BZ#49	0.456		0.456	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-08	NBH19-FF-C-3-T	Cl4-BZ#52	0.889		0.889	U	BL1	UG/KG
L1958625	8270D-SIM/680(M)	L1958625-10	NBH19-FF-E-3-T	Cl4-BZ#49	0.888		0.888	U	BL1	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-01	NBH19-FF-A-2-BSB	Cl5-BZ#118	32.8		32.8	J+	MSH	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-01	NBH19-FF-A-2-BSB	Cl6-BZ#147/#149	20.8		20.8	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-01	NBH19-FF-A-2-BSB	Cl6-BZ#153	63.2		63.2	J+	MSH	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-06	NBH19-FF-A-3-BSB	Cl6-BZ#147/#149	1.76		1.76	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-02	NBH19-FF-B-2-BSB	Cl6-BZ#147/#149	10.2		10.2	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-07	NBH19-FF-B-3-BSB	Cl6-BZ#147/#149	0.86		0.86	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-03	NBH19-FF-C-2-BSB	Cl6-BZ#147/#149	33.1		33.1	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-08	NBH19-FF-C-3-BSB	Cl6-BZ#147/#149	10.7		10.7	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-04	NBH19-FF-D-2-BSB	Cl6-BZ#147/#149	96.4		96.4	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-09	NBH19-FF-D-3-BSB	Cl6-BZ#147/#149	16.6		16.6	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-05	NBH19-FF-E-2-BSB	Cl6-BZ#147/#149	5.66		5.66	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-10	NBH19-FF-E-3-BSB	Cl6-BZ#147/#149	5.3		5.3	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-11	NBH19-FF-SO1-BSB	Cl6-BZ#147/#149	2.55		2.55	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-12	NBH19-FF-SO2-BSB	Cl6-BZ#147/#149	0.655	J	0.655	J+	LCSH, LCSRPD	UG/KG
L1958629	8270D-SIM/680(M)	L1958629-13	NBH19-FF-SO3-BSB	Cl6-BZ#147/#149	8.29		8.29	J+	LCSH, LCSRPD	UG/KG

NOTES:

ug/kg = microgram per kilogram

BL1 = method blank qualifier

LCSH = laboratory control sample recovery exceeds QC limits

LCSRPD = LCS/LCSD RPD exceeds precision goal

MSH = matrix spike recovery greater than limits

MSL = matrix spike recovery lower than limits

LD = laboratory duplicate precision goal not met

CCV%D = continuing calibration verification percent difference exceeds goal

U = not detected at the reported detection limit

UJ = not detected and estimated at the detection limit

J = estimated value

J+ = estimated value, biased high

Appendix C

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2019 Annual Report February 2020

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site
2019 Annual Report

Vin Malkoski, Senior Marine Fisheries Biologist
Massachusetts Division of Marine Fisheries
February 2020

The Massachusetts Division of Marine Fisheries (MDMF) under an agreement with the Massachusetts Department of Environmental Protection (MassDEP) collects legal-size fish and shellfish from the three New Bedford Harbor fish closure areas. At the end of the collection period, these frozen samples were delivered to the Alpha Woods Hole Laboratories in Mansfield, Massachusetts for analysis. MassDEP provides the results of the analyses to EPA to monitor and support the site remediation project. This report describes MDMF's field activities in 2019 in accordance with the Seafood Monitoring and Field Sampling Work Plan and makes recommendations for the upcoming 2020 field season based on results obtained during the previous field season.

Sample Sites

The three Fish Closure Areas are identified in Attachment 1 from the EPA Record of Decision for the Upper and Lower Operable Unit, New Bedford Harbor Superfund Site, New Bedford, Massachusetts, dated September 25, 1998. These three Fish Closure Areas were designated by the Massachusetts Department of Public Health in 1979. Area 1 includes the waters of the Acushnet River and the New Bedford/Fairhaven Inner Harbor north of the Hurricane Barrier. Area 2 comprises the waters of the Outer Harbor and Clarks Cove south of the Hurricane Barrier and north of a line drawn from Wilbur Point in Fairhaven to Ricketsons Point in Dartmouth. Area 3 is that portion of Buzzards Bay south of the line drawn from Wilbur Point in Fairhaven to Ricketsons Point in Dartmouth and north of a line drawn from Rocky Point on West Island in Fairhaven to the Negro Ledge C3 buoy then to Mishaum Point in Dartmouth.

There are five original sample stations in each of the three fish closure areas in the waters of the City of New Bedford and the Towns of Dartmouth and Fairhaven. Station locations within each area vary for different species as what may be suitable habitat for one species may not be suitable for another (Attachment 1 – Figure 1 to 9).

2019 Field Collections

Attachment 2 – Collection Sheets 1 - 7 contain data on the harvest dates, collection identification information, species, station identification information, location by latitude and longitude, and collection method.

Alewife (*Alosa pseudoharengus*)

Five alewives were collected at the New Bedford Reservoir at Station C-1 during April using a dip net (Figure 2 and Collection Form 1).

American lobster (*Homarus americanus*)

Lobsters were harvested by pots during the months of July through October. Whenever possible, five legal-sized lobsters were collected. At some stations, that was not possible and smaller animals were taken. As the Inner Harbor (Station L=E-1) is not lobster habitat, none were collected. We were also unable to catch lobster at Stations L-C-2 (Ricketson's Point), L-E-2 (Fort Phoenix), and A-3 (Angelica Rock) (Figure 3 and Collection Form 2).

Black sea bass (*Centropristis striata*)

Black sea bass sampling with fish pots began in June and continued into September. We collected black sea bass from all stations in Areas 2 and 3 in 2019, as well as three control stations in Sippican Harbor, Marion, MA (Figures 4 & 5 and Collection Form 3).

Channeled whelk (*Busycon canaliculatum*) and knobbed whelk (*Busycon carica*)

We collected channeled and knobbed whelk (conch) from all ten stations in Areas 2 and 3 except Station SF-A-3 (Great Ledge) during the months of October through December using conch pots (Figure 6 and Collection Form 4).

Quahog (*Mercenaria mercenaria*)

Marine Fisheries collected pre-spawn quahog samples from thirteen stations in Areas 1, 2, and 3 and three stations off Sippican Harbor, Marion, MA during May by rake and diver. We harvested a minimum of 12 quahogs per station in order to provide sufficient sample sizes for the Work Plan. We could not find any quahogs at Stations SF-A-1 (West of Barrier Opening) and SF C-1 (Crow's Island) in Area 1 (Figures 4 & 7 and Collection Form 5).

Scup (*Stenotomus chrysops*)

Scup collections took place from May through September using fish pots in Areas 2, 3, and Sippican Harbor, Marion, MA. For some reason, scup were very hard to collect this year and many samples have only 1 fish. No scup could be collected from Stations FF-E-2 (Egg Island), FF-A-3 (Great Ledge), FF-B-3 (Negro Ledge), or FF-SO3 (West of Bird Island) (Figures 4 & 8 and Collection Form 6).

Tautog (*Tautoga onita*)

We collected tautog from May through September using fish pots in Areas 2, 3, and Sippican Harbor, Marion, MA. No tautog could be collected from Station FF-SO3 (West of Point road Bluff) (Figures 4 & 9 and Collection Form 7).

Planning for 2020 Field Collections

As per the Study Plan, pre-spawn quahogs will be collected from Areas 1, 2, and 3 and conch will be collected from Areas 2 and 3 in 2020.

ATTACHMENT 1
DMF HARVEST SITE MAPS

Figure 1 - PCB Sample Areas 1, 2, & 3

Figure 2 - Alewife, Area 1

Figure 3 - American lobster, Areas 2 & 3

Figure 4 - Black sea bass, areas 2 & 3

Figure 5 - Channeled and knobbed whelk, Areas 2 & 3

Figure 6 - Quahogs, Areas 2 & 3

Figure 7 - Scup, Areas 2 & 3

Figure 8 - Tautog, Areas 2 & 3

Figure 9 - Control samples, Sippican Harbor

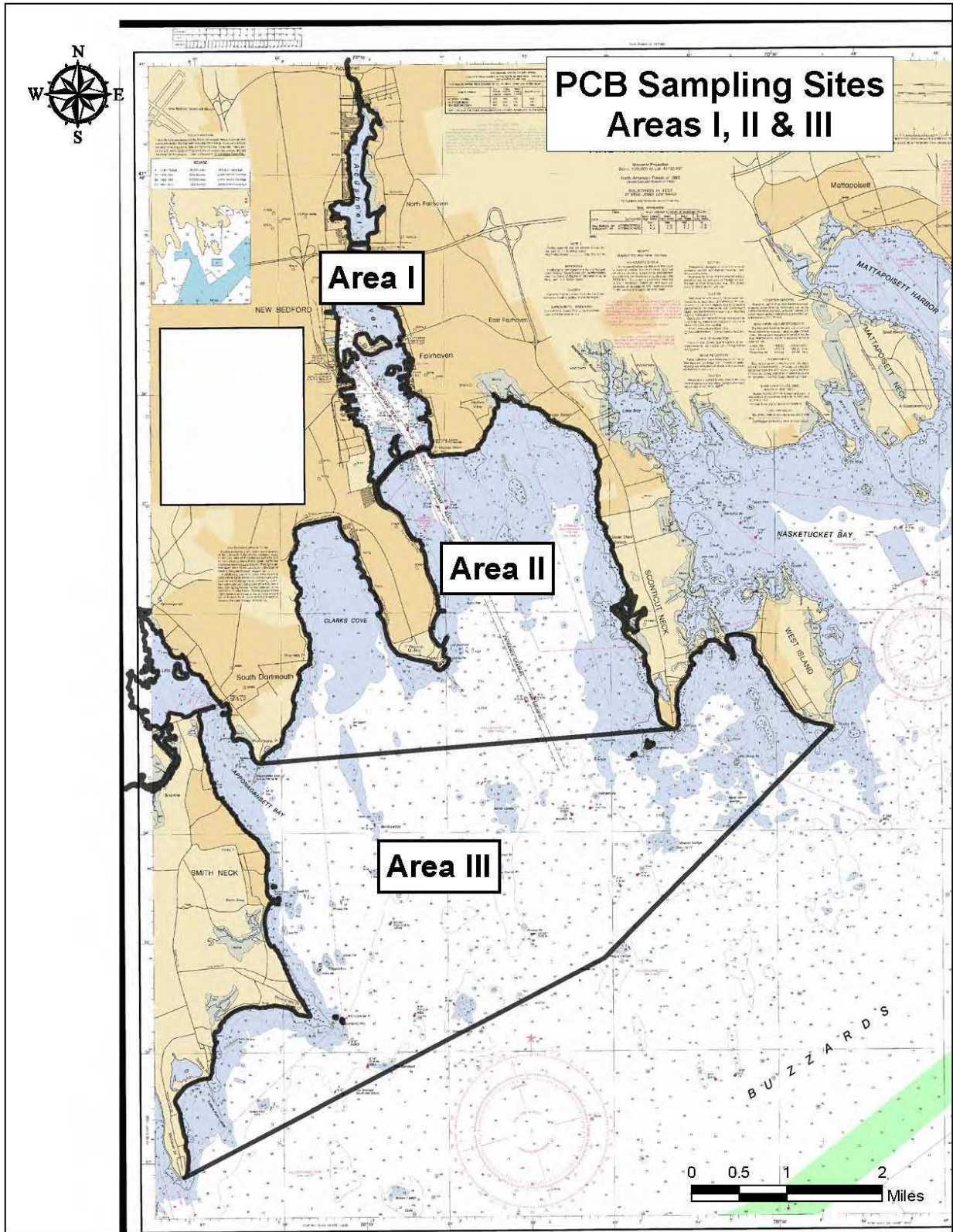


Figure 1. PCB Sample Areas I to III

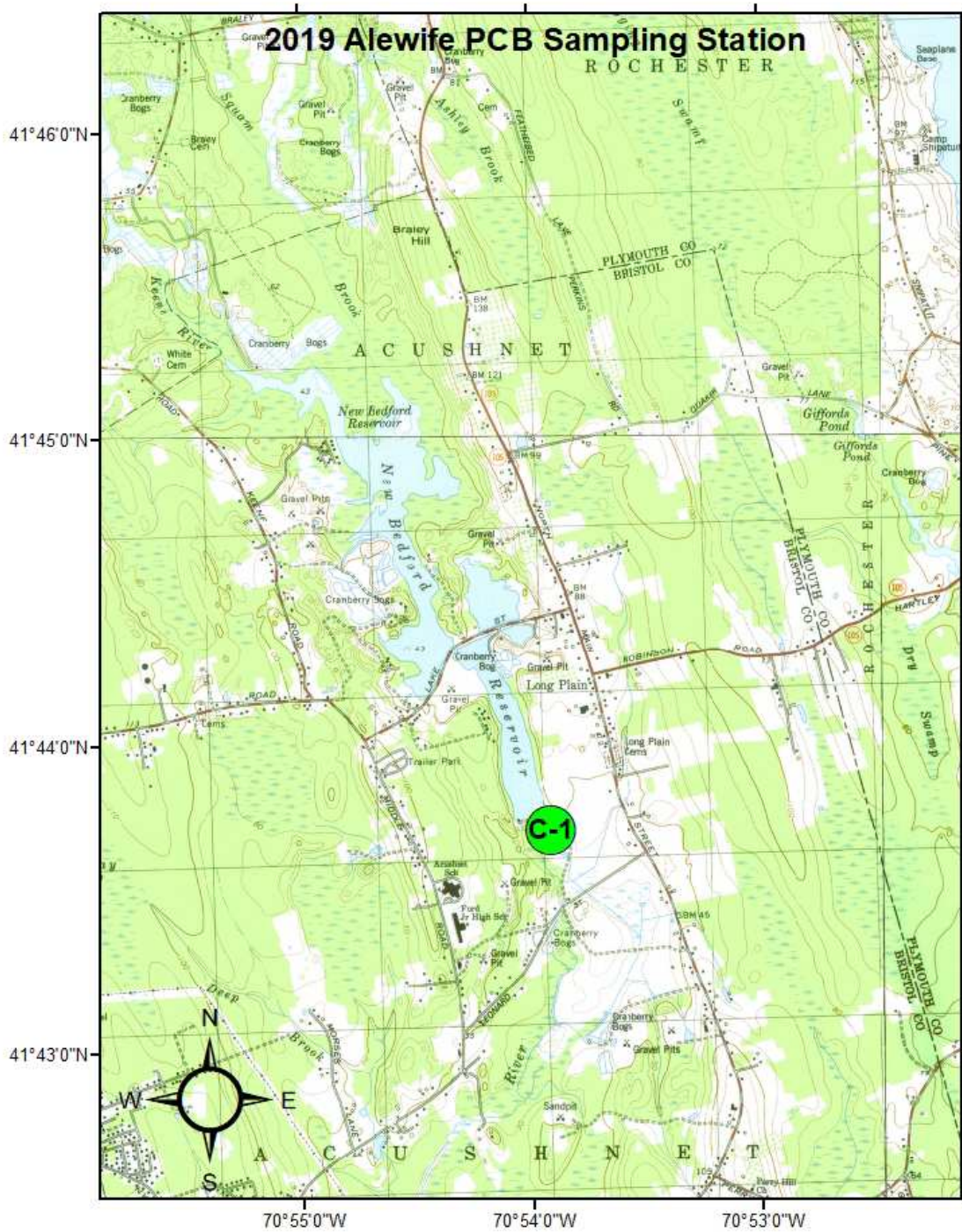


Figure 2. Alewife, Area I

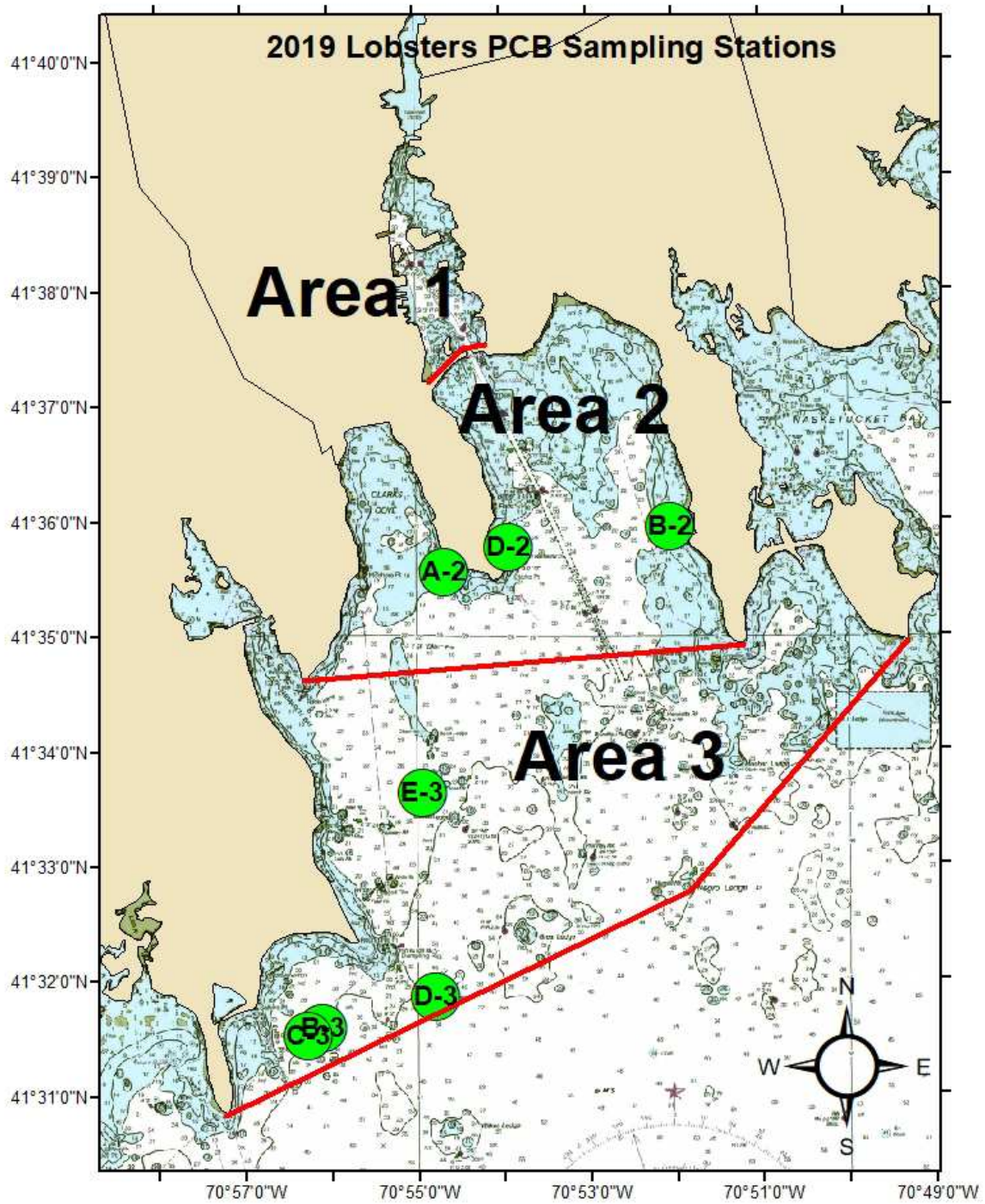


Figure 3. American lobster, Areas II, & III

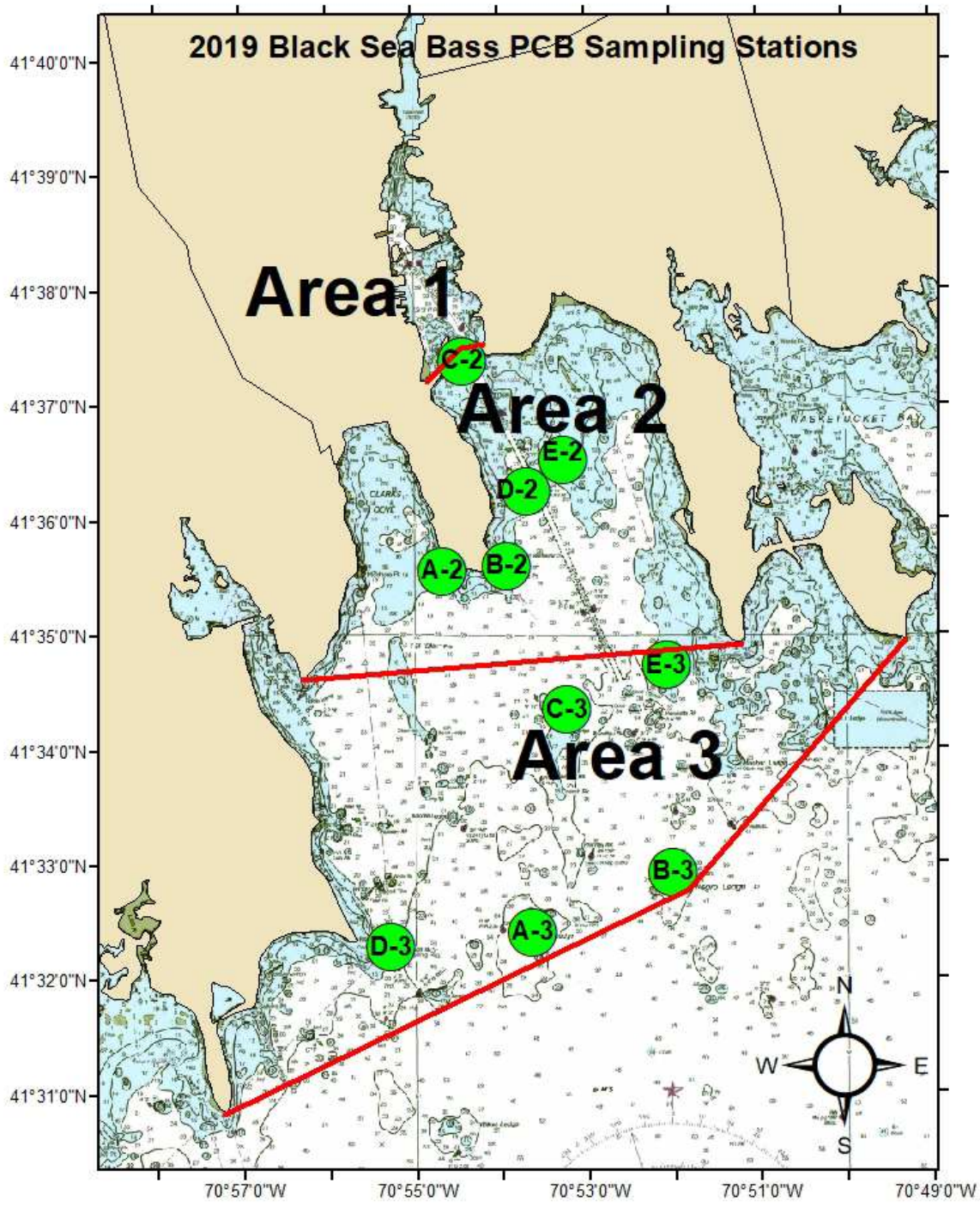


Figure 4. Black sea bass, Areas II, & III

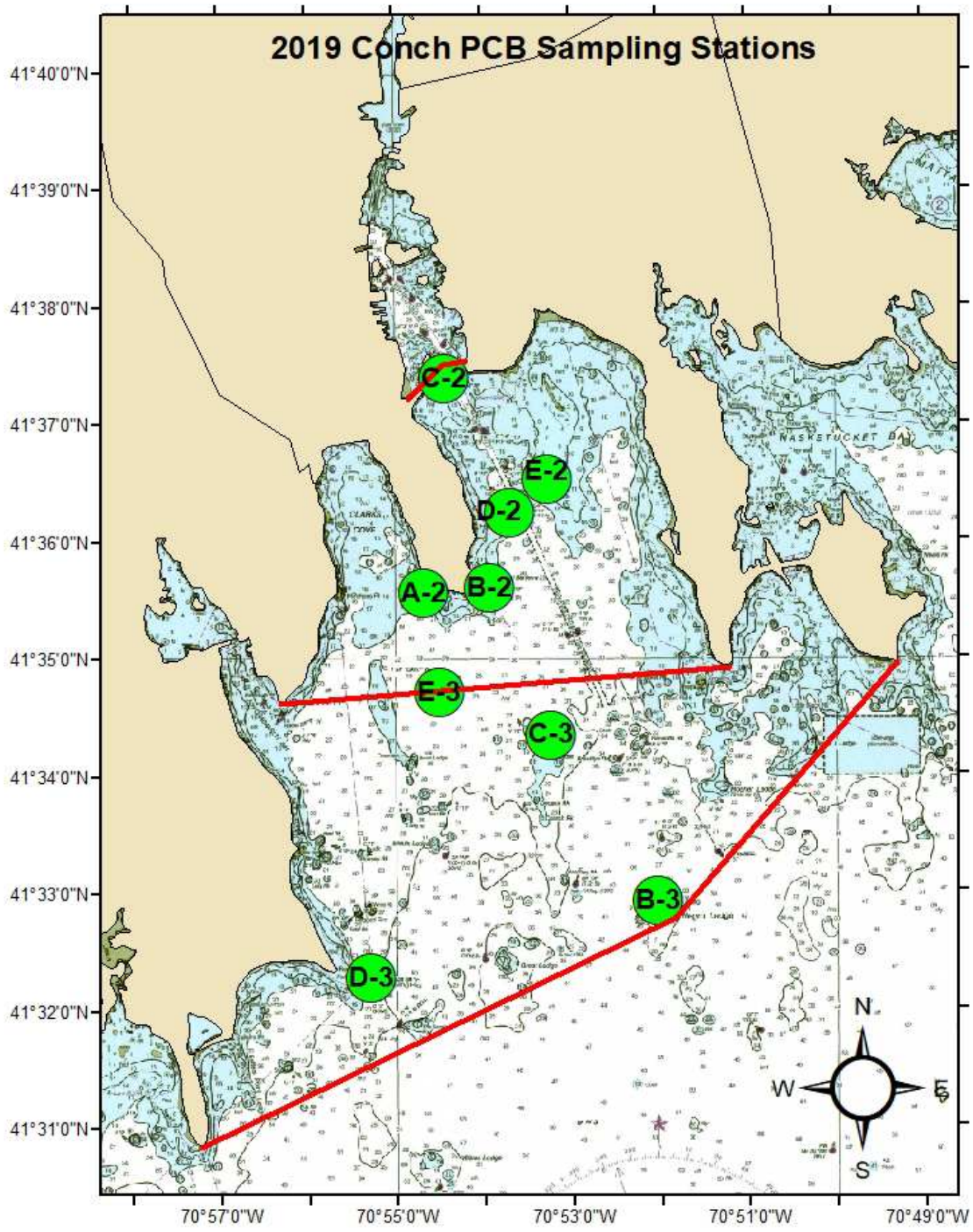


Figure 5. Whelk (Conch), Areas II, & III

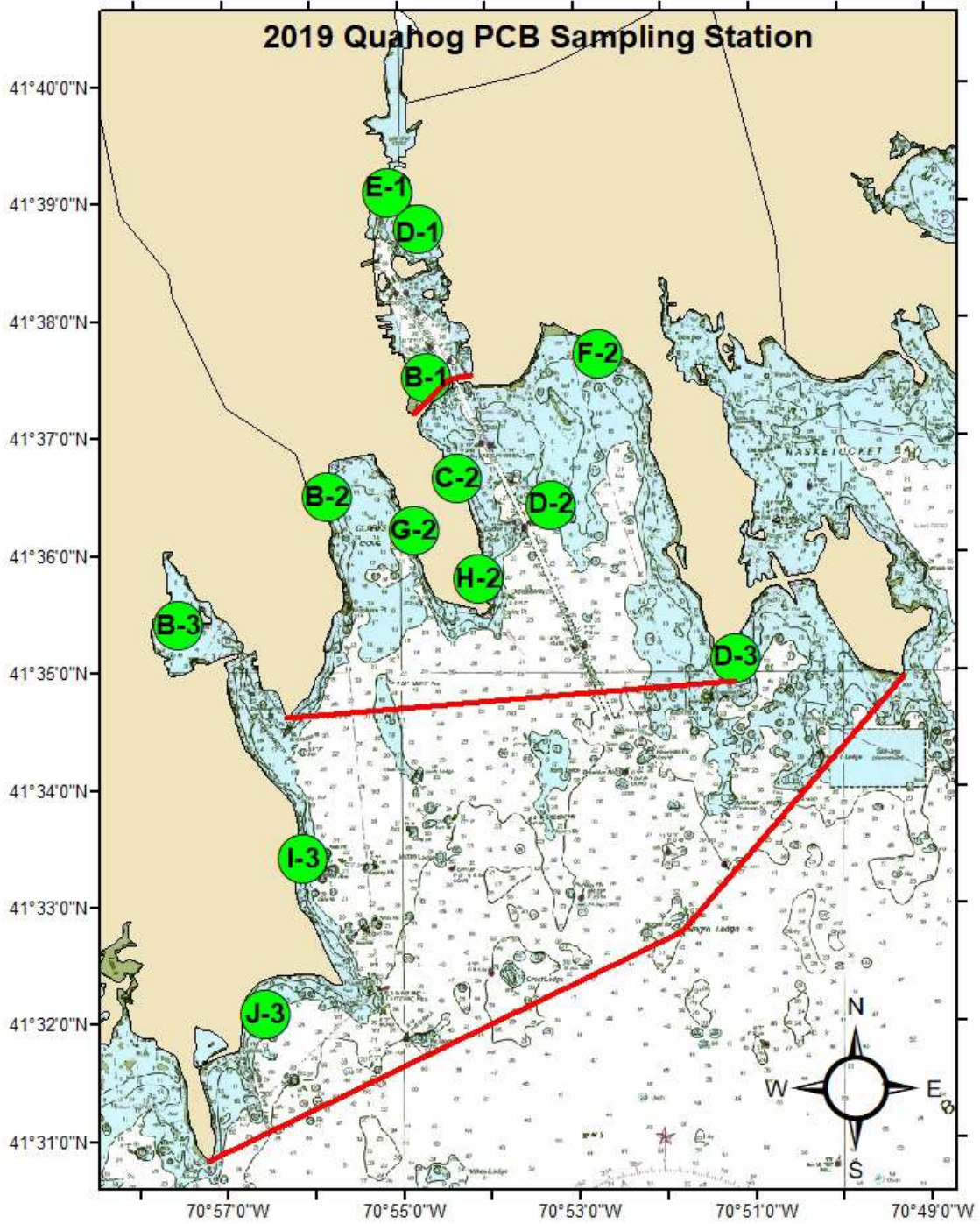


Figure 6. Pre-spawn Quahogs, Areas I, II, & III

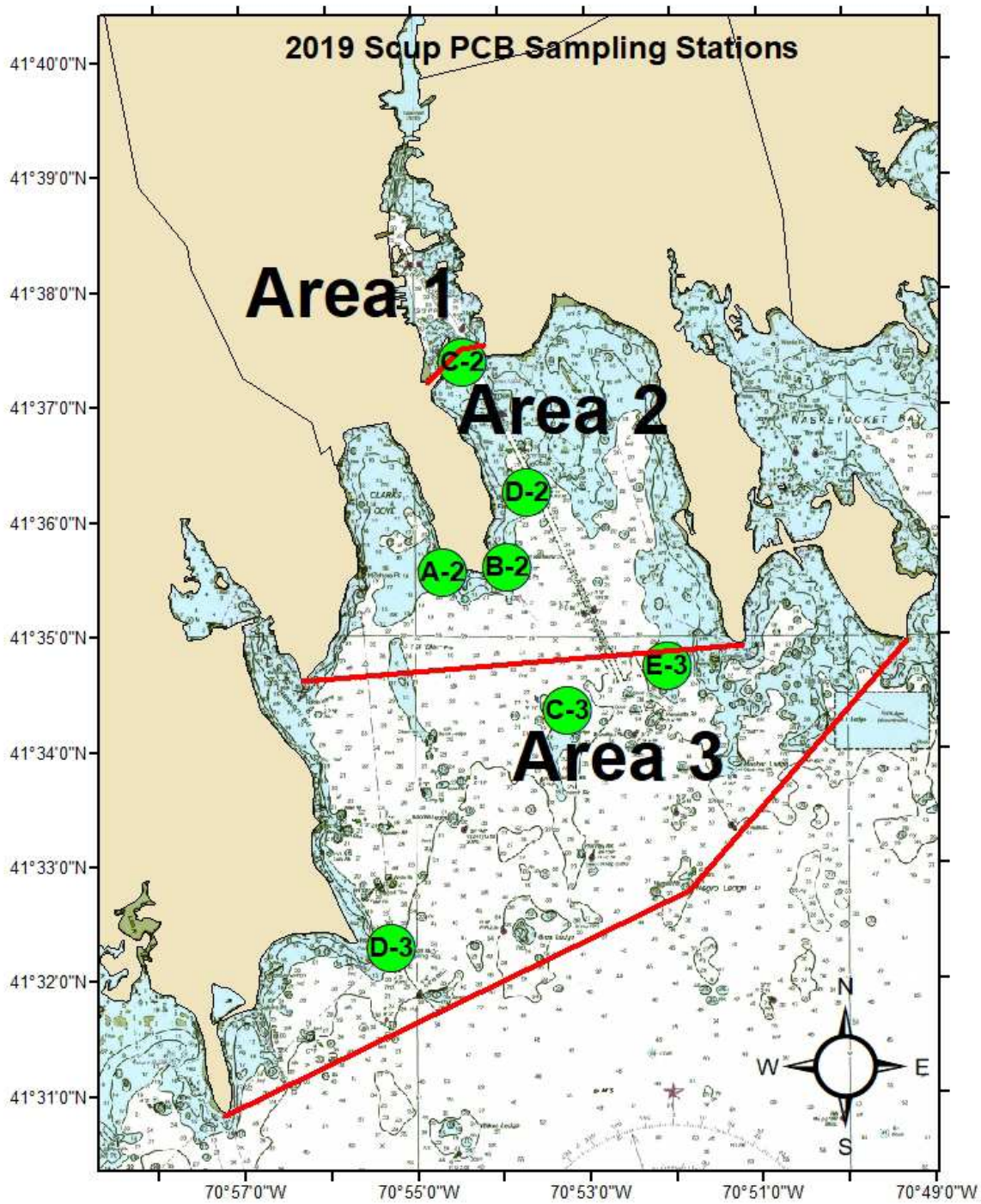


Figure 7. Scup, Areas II, & III

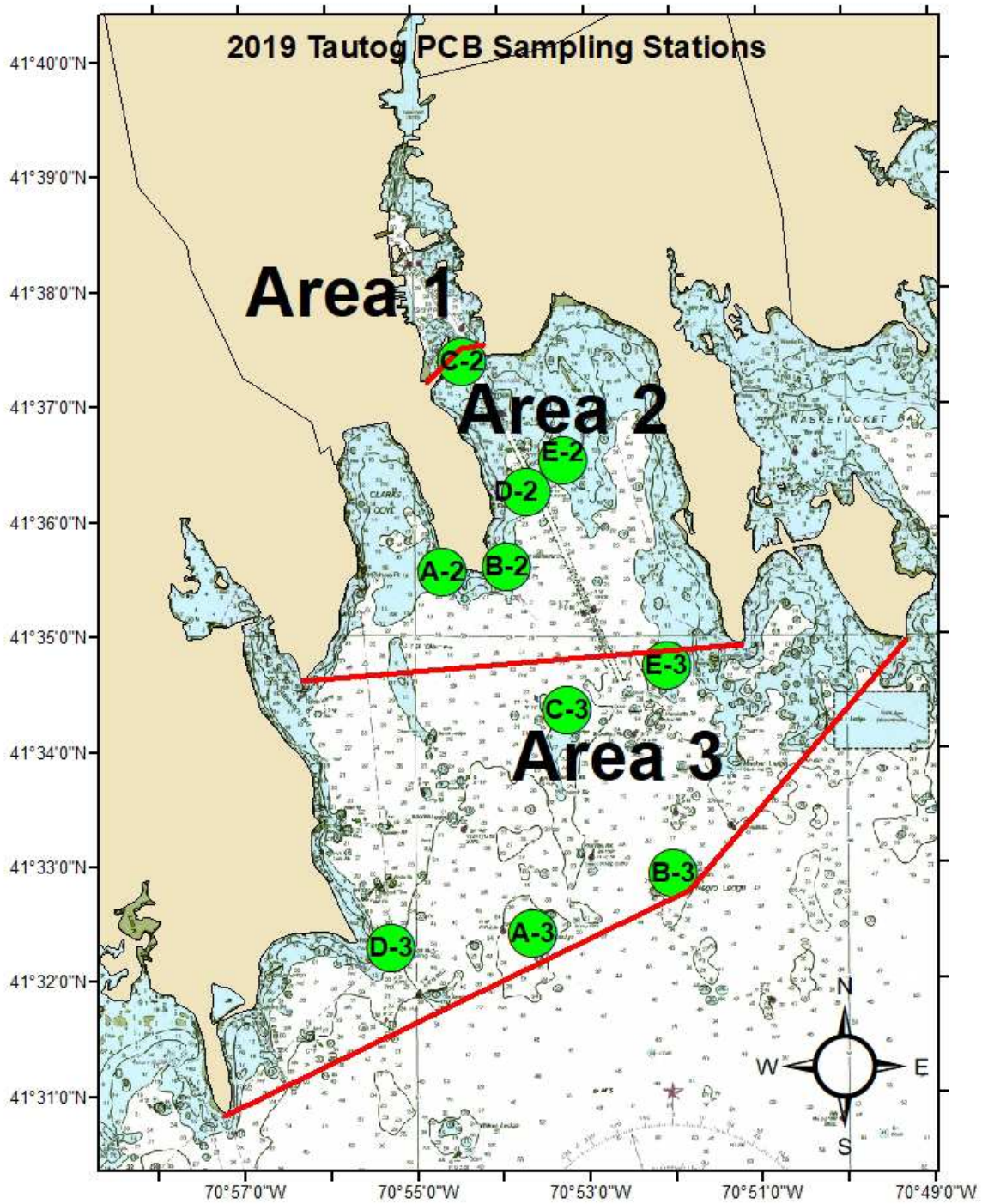


Figure 8. Tautog, Areas II, & III

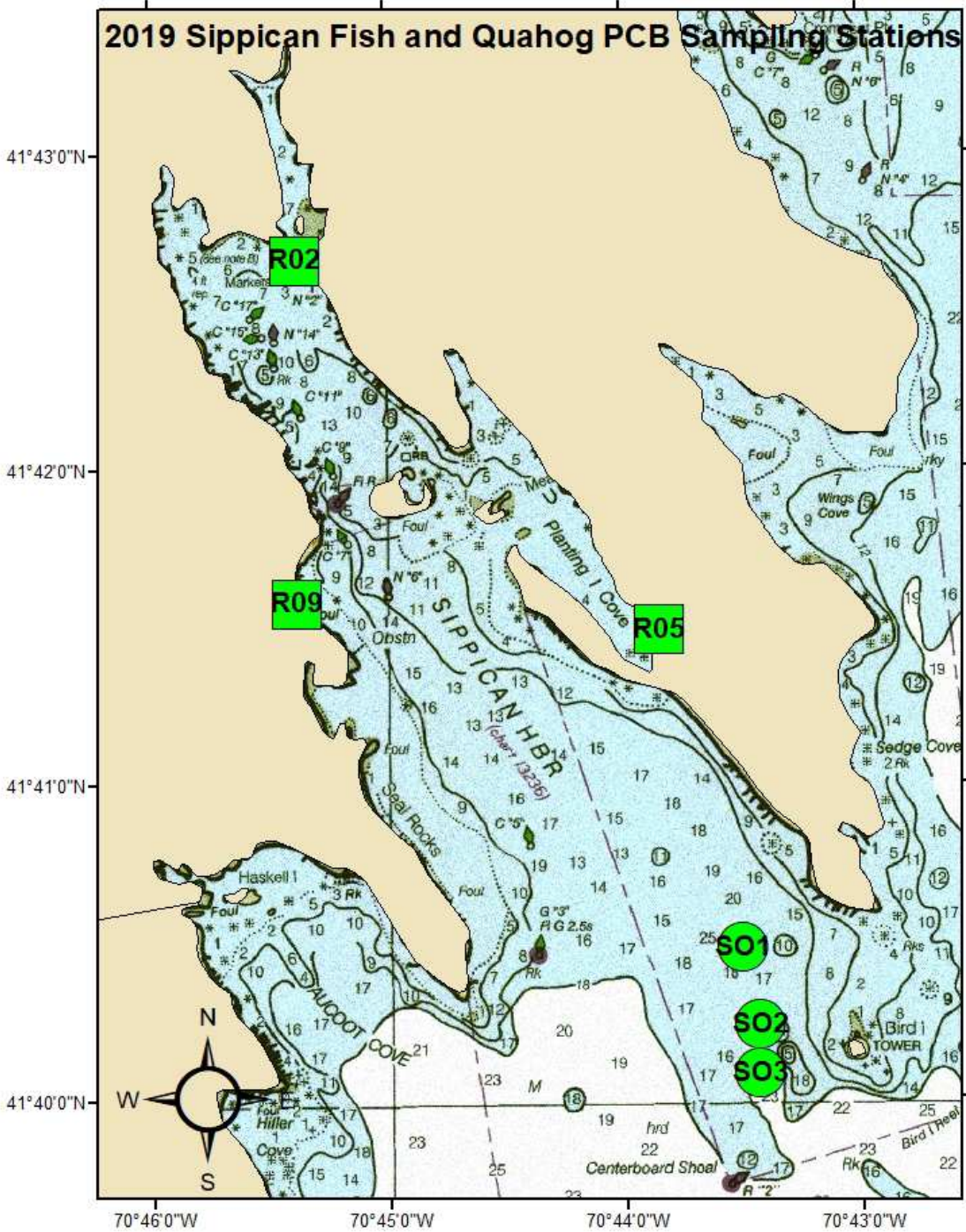


Figure 9. Control Samples, Sippican Harbor.
Stations SO1, SO2, SO3 - Fish
Stations R02, R05, R09 - Quahogs

ATTACHMENT 2
DMF FIELD COLLECTION SHEETS

Field Collection Form 1 - Alewife
Field Collection Form 2 - American lobster
Field Collection Form 3 - Black sea bass
Field Collection Form 4 - Channeled and knobbed whelk
Field Collection Form 5 - Quahogs
Field Collection Form 6 - Scup
Field Collection Form 7 - Tautog

Field Data Form 1 – Length and weight data by species

FIELD COLLECTION FORM 1: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
4/9/2019	NBH19-FF-C-1	5 Alewife	NBR	NBH Area 1	041° 43.724' 070° 53.915'	Net	

FIELD COLLECTION FORM 2: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE 836 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744
 PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
10/15/2019;10/22/2019	NBH19-L-A-2	3 Lobsters	SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Lobster Pots	
10/15/2019	NBH19-L-B-2	1 Lobster	Sconticut Neck	NBH Area 2	041° 35.938' 070° 52.043'	Lobster Pots	
7/9/2019	NBH19-L-D-22	5 Lobster	E Fort Rodman	NBH Area 2	041° 35.767' 070° 53.922'	Lobster Pots	
10/23/2019; 10/25/2019	NBH19-L-B-3	3 Lobster	Great Ledge	NBH Area 3	041° 31.591' 070° 56.110''	Lobster Pots	
11/4/2019	NBH19-L-C-3	5 Lobsters	SP Rock C"1"	NBH Area 3	041° 31.522' 070° 56.268'	Lobster Pots	
11/4/2019	NBH19-L-D-3	2 Lobsters	Sand Spit R"4"	NBH Area 3	041° 31.861' 070° 54.799'	Lobster Pots	
11/4/2019	NBH19-L-E-3	3 Lobsters	Lone Rock	NBH Area 3	041° 33.635' 070° 54.926'	Lobster Pots	

FIELD COLLECTION FORM 3: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
7/18/2019	NBH19-FF-A-2	4 Black sea bass	SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Fish Pots	
6/14/2019	NBH19-FF-B-2	5 Black sea bass	E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Fish Pots	
7/9/2019; 8/21/2019	NBH19-FF-C-2	4 Black sea bass	W of Opening	NBH Area 2	041° 37.380' 070° 54.430'	Fish Pots	
5/31/2019; 6/14/2019; 7/2/2019	NBH19-FF-D-2	6 Black sea bass	Lighthouse	NBH Area 2	041° 36.242' 070° 53.683'	Fish Pots	
8/16/2019; 8/19/2019	NBH19-FF-E-2	4 Black sea bass	Egg Island Rocks	NBH Area 2	041° 36.523' 070° 53.258'	Fish Pots	
8/6/2019	NBH19-FF-A-3	5 Black sea bass	Great Ledge	NBH Area 3	041° 31.591' 070° 56.110''	Fish Pots	
8/12/2019; 8/19/2019	NBH19-FF-B-3	5 Black sea bass	Negro Ledge	NBH Area 3	041° 32.922' 070° 52.023'	Fish Pots	
7/23/2019; 7/26/2019	NBH19-FF-C-3	5 Black sea bass	North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Fish Pots	
7/26/2019; 7/29/2019	NBH19-FF-D-3	6 Black sea bass	Radome	NBH Area 3	041° 32.281' 070° 55.292'	Fish Pots	
8/6/2019; 8/12/2019	NBH19-FF-E-3	4 Black sea bass	Packet Rock	NBH Area 3	041° 34.723' 070° 52.071'	Fish Pots	

9/30/2019	NBH19-FF-SO1	5 Black sea bass	West of Point Road Bluff	Sippican	041° 40.477' 070° 43.505'	Fish Pots	
9/30/2019	NBH19-FF-SO2	5 Black sea bass	NW of Bird Island	Sippican	041° 40.231' 070° 43.432'	Fish Pots	
9/30/2019	NBH19-FF-SO3	4 Black sea bass	West of Bird Island	Sippican	041° 40.079' 070° 43.435'	Fish Pots	

FIELD COLLECTION FORM 4: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 SOUTH RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
10/22/2019; 10/23/2019	NBH19-SF-A-2	9 Whelk	SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Pots	
11/26/2019; 12/4/2019	NBH19-SF-B-2	8 Whelk	E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Pots	
11/22/2019	NBH19 SF-C-2	11 Whelk	W of Opening	NBH Area 2	041° 37.380' 070° 54.430'	Pots	
11/21/2019	NBH19-SF-D-2	12 Whelk	Lighthouse	NBH Area 2	041° 36.242' 070° 53.683'	Pots	
11/21/2019	NBH19-SF-E-2	12 Whelk	Egg Island	NBH Area 2	041° 36.523' 070° 53.258'	Pots	
11/26/2019	NBH19-SF-B-3	11 Whelk	Negro Ledge	NBH Area 3	041° 32.922' 070° 52.023'	Pots	
11/4/2019	NBH19-SF-C-3	11 Whelk	North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Pots	
10/22/2019	NBH19-SF-D-3	12 Whelk	Radome	NBH Area 3	041° 32.281' 070° 55.292'	Pots	
10/15/2019	NBH19-SF-E-3	9 Whelk	Angelica Rock	NBH Area 3	041° 34.711' 070° 51.498'	Pots	

FIELD COLLECTION FORM 5: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 SOUTH RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
5/22/2019	NBH19-SF-B-1	13 Quahogs (Prespawn)	Palmer Island	NBH Area 1	041° 37.505' 070° 54.690'	Rake	
5/22/2019	NBH19-SF-D-1	13 Quahogs (Prespawn)	North of Gifford's Marina	NBH Area 1	041° 38.783' 070° 54.773'	Rake	
5/22/2019	NBH19-SF-E-1	13 Quahogs (Prespawn)	Tin Can Island	NBH Area 1	041° 39.092' 070° 55.122'	Rake	
5/7/2019	NBH19-SF-B-2	13 Quahogs (Prespawn)	Rogers Street	NBH Area 2	041° 36.500' 070° 55.820'	Dive	
5/8/2019	NBH19-SF-C-2	13 Quahogs (Prespawn)	S of Fredrick St Ramp	NBH Area 2	041° 36.650' 070° 54.345'	Dive	
5/8/2019	NBH19-SF-D-2	13 Quahogs (Prespawn)	Egg Island	NBH Area 2	041° 36.422' 070° 53.290'	Dive	
5/8/2019	NBH19-SF-F-2	13 Quahogs (Prespawn)	Priest's Cove	NBH Area 2	041° 37.700' 070° 52.740'	Dive	
5/7/2019	NBH19-SF-G-2	13 Quahogs (Prespawn)	W Rodney Family Area	NBH Area 2	041° 36.205' 070° 54.842'	Dive	
5/8/2019	NBH19-SF-H-2	13 Quahogs (Prespawn)	E Rodney Family Area	NBH Area 2	041° 35.790' 070° 54.108'	Dive	
5/7/2019	NBH19-SF-B-3	13 Quahogs (Prespawn)	Star of the Sea	NBH Area 3	041° 35.410' 070° 57.524'	Rake	
5/8/2019	NBH19-SF-D-3	13 Quahogs (Prespawn)	Nakata Beach	NBH Area 3	041° 35.102' 070° 51.192'	Dive	
5/7/2019	NBH19-SF-I-3	13 Quahogs (Prespawn)	Nonquit	NBH Area 3	041° 33.415' 070° 56.128'	Dive	
5/7/2019	NBH19-SF-J-3	13 Quahogs (Prespawn)	Salters Point	NBH Area 3	041° 32.09' 070 56.56'	Dive	
5/9/2019	NBH19-SF-RO2	13 Quahogs (Prespawn)	Somervilles	NBH Area 3	041° 42.666' 070° 45.377'	Rake	
5/9/2019	NBH19-SF-RO5	13 Quahogs (Prespawn)	Planting Island	NBH Area 3	041° 41.487 070° 43.845	Rake	

5/9/2019	NBH19-SF-RO9	13 Quahogs (Prespawn)	Silvershell	NBH Area 3	041° 41.577 070 45.380	Rake	
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FIELD COLLECTION FORM 6: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
7/18/2019	NBH19-FF-A-2	5 Scup	SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Fish Pots	
6/14/2019; 7/19/2019	NBH19-FF-B-2	5 Scup	E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Fish Pots	
5/31/2019; 6/14/2019	NBH19-FF-D-2	6 Scup	Lighthouse	NBH Area 2	041° 36.242' 070° 53.683'	Fish Pots	
7/23/2010	NBH19-FF-C-3	3 Scup	North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Fish Pots	
7/23/2019	NBH19-FF-D-3	1 Scup	Radome	NBH Area 3	041° 32.281' 070° 55.292'	Fish Pots	
8/12/2019	NBH19-FF-E-3	1 Scup	Packet Rock	NBH Area 3	041° 34.723' 070° 52.071'	Fish Pots	
9/30/2019	NBH19-FF-SO1	1 Scup	West of Point Road Bluff	Sippican	041° 40.477' 070° 43.505'	Fish Pots	
9/30/2019	NBH19-FF-SO2	1 Scup	NW of Bird Island	Sippican	041° 40.231' 070° 43.432'	Fish Pots	

FIELD COLLECTION FORM 3: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 836 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH19 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Vin Malkoski SHIPPER: MDMF Vin Malkoski SAMPLE CONDITION: FRESH FROZEN

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
7/18/2019	NBH19-FF-A-2	5 Tautog	SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Fish Pots	
5/31/2019; 7/18/2019	NBH19-FF-B-2	5 Tautog	E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Fish Pots	
6/14/2019; 7/9/2019	NBH19-FF-C-2	4 Tautog	W of Opening	NBH Area 2	041° 37.380' 070° 54.430'	Fish Pots	
5/31/2019	NBH19-FF-D-2	5 Tautog	Lighthouse	NBH Area 2	041° 36.242' 070° 53.683'	Fish Pots	
8/16/2019; 8/19/2019	NBH19-FF-E-2	5 Tautog	Egg Island Rocks	NBH Area 2	041° 36.523' 070° 53.258'	Fish Pots	
8/6/2019	NBH19-FF-A-3	4 Tautog	Great Ledge	NBH Area 3	041° 31.591' 070° 56.110''	Fish Pots	
8/12/2019; 8/16/2019; 8/19/2019	NBH19-FF-B-3	5 Tautog	Negro Ledge	NBH Area 3	041° 32.922' 070° 52.023'	Fish Pots	
7/23/2019	NBH19-FF-C-3	5 Tautog	North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Fish Pots	
7/31/2019	NBH19-FF-D-3	6 Tautog	Radome	NBH Area 3	041° 32.281' 070° 55.292'	Fish Pots	
8/12/2019	NBH19-FF-E-3	5 Tautog	Packet Rock	NBH Area 3	041° 34.723' 070° 52.071'	Fish Pots	

9/30/2019	NBH19-FF-SO2	3 Tautog	NW of Bird Island	Sippican	041° 40.231' 070° 43.432'	Fish Pots	
9/30/2019	NBH19-FF-SO3	5 Tautog	West of Bird Island	Sippican	041° 40.079' 070° 43.435'	Fish Pots	

Field Data Form 1 – Fish Length & Weight Data by Species

New Bedford Harbor PCB Sampling Stations			
	DEP Sample Number	DEP Sample Location	Comments
Alowife			
Area 1			
Station C	NBH19-FF-C-1	New Bedford Reservoir	
Black Sea Bass			
Area 2			
Station A	NBH19-FF-A-2	SMAST Pier	7/18/2019 - 35 cm TL, 0.3 kg; 31 cm TL, 0.2 kg; 32 cm TL, 0.2 kg; 30 cm TL, 0.2 kg
Station B	NBH19-FF-B-2	East of Fort Rodman (Old Bart)	6/14/2019 - 47 cm TL, 0.9 kg; 41 cm TL, 0.6 kg; 39.5 cm TL, 0.6 kg; 42 cm TL, 0.7 kg; 37.5 cm TL, 0.5 kg
Station C	NBH19-FF-C-2	West of Opening	7/9/2019 - 37 cm TL, 0.4 kg; 37 cm TL, 0.4 kg; 37 cm TL, 0.5 kg; 8/21/2019 - 30 cm TL, 0.4 kg
Station D	NBH19-FF-D-2	Lighthouse	5/31/2019 - 36 cm TL, 0.4 kg; 6/14/2019-35 cm TL, 0.4 kg; 7/9/2019 - 38 cm TL, 0.5 kg; 35 cm TL, 0.4kg; 34 cm TL, 0.4 kg; 38 cm TL, 0.4 kg
Station E	NBH19-FF-E-2	Egg Island	8/16/2019 - 28.7 cm TL, 0.4 kg; 28.2 cm TL, 0.3 kg; 34.2 cm TL, 0.5 kg; 8/19/2019 - 34 CM TL, 0.5 kg;
Area 3			
Station A	NBH19-FF-A-3	Great Ledge	8/6/2019 - 33 cm TL, 0.5 kg; 30.5 cm TL, 0.4 kg; 33.1 cm TL, 0.4 kg; 32.6 cm TL, 0.5 kg; 34.5 cm TL, 0.4 kg
Station B	NBH19-FF-B-3	Negro Ledge	8/12/2019 - 28.5 cm TL, 0.3 kg; 28.2 cm TL, 0.4 kg; 8/16/2019 - 29.4 cm TL, 0.3 kg; 29.3 cm TL, 0.3 kg; 8/19/2019 - 32.8 cm TL, 0.5 kg
Station C	NBH19-FF-C-3	North Ledge	7/23/2019 - 37.4 cm TL, 0.4 kg; 33.7 cm TL, 0.4 kg; 36.5 cm TL, 0.5 kg; 7/26/2019 - 35 CM TL, 0.5 kg; 33.5 cm TL, 0.4 kg
Station D	NBH19-FF-D-3	Radome	7/26/2019 - 32 cm TL, 0.4 kg; 30.5 cm, 0.3 kg; 7/29/2019 - 35 cm TL, 0.4 kg; 34 cm TL, 0.4 kg; 31.5 cm TL, 0.3 kg
Station E	NBH19-FF-E-3	Packet Rock	8/6/2019 - 31 cm TL, 0.4 kg; 8/12/2019 - 29.4 cm TL, 0.3 kg; 28.5 cm TL, 0.3 kg; 26.5 cm TL, 0.3 kg
Sippican			
Station FFSO-1	NBH19-FF-SO1	West of Point Road Bluff	9/30/2019 - 33.5 cm TL, 0.5 kg; 36.5 cm TL, 0.6 kg; 32 cm TL, 0.5 kg; 35.8 cm TL, 0.5 kg; 31.5 cm TL, 0.4 kg
Station FFSO-2	NBH19-FF-SO2	NW of Bird Island	9/30/2019 - 34 cm TL, 0.5 kg; 36 cm TL, 0.5 kg; 38.5 cm TL, 0.6 kg; 34 cm TL, 0.5 kg; 35.5 cm TL, 0.6 kg
Station FFSO-3	NBH19-FF-SO3	West of Bird Island	9/30/2019 - 35.5 cm TL, 0.6 kg; 35.5 cm TL, 0.6 kg; 38 cm TL, 0.6 kg; 40 cm TL, 0.7 kg
Scup			
Area 2			
Station A	NBH19-FF-A-2	SMAST Pier	7/18/2019 - 26.8 cm FL, 0.3 kg; 24 cm FL, 0.2 kg; 26.05 cm FL, 0.3 kg; 25.5 cm FL, 0.2 kg; 24.4 cm FL, 0.2 kg
Station B	NBH19-FF-B-2	East of Fort Rodman (Old Bart)	6/14/2019 - 25 cm FL, 0.2 kg; 7/9/2019 - 26.5 cm TL, 0.3 kg; 26.5 cm TL, 0.3 kg; 26.5 cm TL, 0.3 kg; 25.5 cm TL, 0.2 kg
Station C	NBH19-FF-C-2	West of Opening	5/31/2019 - 23.4 cm FL, 0.2 kg;
Station D	NBH19-FF-D-2	Butler Flat Lighthouse	5/31/2019 - 21.5 cm TL, 0.1 kg; 20 cm TL, 0.1 kg; 22.5 cm FL, 0.1 kg; 6/14/2019 - 24 CM FL, 0.15 kg; 24.5 CM FL, 0.2 kg
Area 3			
Station C	NBH19-FF-C-3	North Ledge	7/23/2019 - 26.1 cm FL, 0.3 kg; 26.6 cm FL, 0.3 kg; 28.8 cm FL, 0.4 kg
Station D	NBH19-FF-D-3	Radome	7/23/2019 - 31 cm FL, 0.5 kg
Station E	NBH19-FF-E-3	Packet Rock	8/12/2019 - 20.2 cm FL, 0.2 kg
Sippican			
Station FFSO-1	NBH19-FF-SO1	West of Point Road Bluff	9/30/2019 - 24 cm FL, 0.3 kg
Station FFSO-2	NBH19-FF-SO2	NW of Bird Island	9/30/2019 - 21 cm FL, 0.2 kg
Tautog			
Area 2			
Station A	NBH19-FF-A-2	SMAST Pier	7/18/2019 - 40.5 cm TL, 1.2 kg; 40.7 cm TL, 1.1 kg; 39.6 cm TL, 1.0 kg; 39.3 cm TL, 1.0 kg; 38 cm TL, 1.0 kg
Station B	NBH19-FF-B-2	East of Fort Rodman (Old Bart)	5/31/2019 - 40 cm TL, 1.0 kg; 38.5 cm TL, 1.0 kg; 39.5 cm TL, 0.9 kg; 33.5 cm TL, 0.7 kg; 40 cm TL, 1.0 kg
Station C	NBH19-FF-C-2	West of Opening	6/14/2019 - 51 cm TL, 2.1 kg; 7/9/2019 - 40 cm TL, 1.0 kg; 38.5 cm TL, 1.0 kg; 39.5 cm TL
Station D	NBH19-FF-D-2	Butler Flat Lighthouse	5/31/2019 - 38 cm TL, 0.9 kg; 45.7 cm TL, 1.7 kg; 44.7 cm TL, 1.4 kg; 41 cm TL, 1.0 kg; 35.8 cm TL, 0.8 kg
Station E	NBH19-FF-E-2	Egg Island	8/16/2019 - 40.5 cm TL, 1.3 kg; 45.5 cm TL, 1.6 kg; 33.5 cm TL, 1.2 kg; 37.4 cm TL, 1.0 kg; 35.8 cm TL, 0.9 kg
Area 3			
Station A	NBH19-FF-A-3	Great Ledge	8/6/2019 - 32.6 cm TL, 0.6 kg; 34.8 cm TL, 0.7 kg; 29.5 cm TL, 0.5 kg; 31 cm TL, 0.6 kg
Station B	NBH19-FF-B-3	Negro Ledge	8/12/2019 - 31.7 cm TL; 33.8 cm TL, 0.7 kg; 34.0 cm TL, 0.8 kg; 8/16/2019 - 33.5 cm TL, 0.7 kg; 8/19/2019 - 34.1 cm TL, 0.8 kg
Station C	NBH19-FF-C-3	North Ledge	7/23/2019 - 34.9 cm TL, 0.8 kg; 42 cm TL, 1.4 kg; 37.9 cm TL, 0.9 kg; 39.5 cm TL, 1.1 kg; 45.2 cm TL, 1.6 kg
Station D	NBH19-FF-D-3	Radome	7/31/2019 - 33 cm TL, 0.7 kg; 36 cm TL, 0.9 kg; 37 cm TL, 1.0 kg
Station E	NBH19-FF-E-3	Packet Rock	8/12/2019 - 34.7 cm TL, 0.7 kg; 31.5 cm TL, 0.6 kg; 37.0 cm TL, 1.0 kg; 37 cm TL, 1.0 kg; 32.3 cm TL, 0.7kg
Sippican			
Station FFSO-2	NBH19-FF-SO2	NW of Bird Island	9/30/2019 - 38 cm TL, 1.0 kg; 37.5 cm TL, 1.0 kg; 36.5 cm TL, 0.9 kg
Station FFSO-3	NBH19-FF-SO3	West of Bird Island	9/30/2019 - 49.2 cm TL, 2.2 kg; 38 cm TL, 1.2 kg; 43.8 cm TL, 1.5 kg; 37.9 cm TL, 1.0 kg

Appendix D

2019 Field Sampling Report, Wood, February 2020

wood.



2019 Field Sampling Report

New Bedford Harbor Superfund Site



2019 Field Sampling Report
New Bedford Harbor Superfund Site

2019 FIELD SAMPLING REPORT

New Bedford Harbor Superfund Site

Prepared For:

MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION

Prepared By:



Wood Massachusetts, Inc.
271 Mill Road, 3rd Floor
Chelmsford, Massachusetts

February 2020

Project Number: 7775160010

Bradley B. LaForest
Project Manager

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Senior Scientist



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LIST OF ACRONYMS AND ABBREVIATIONS

MassDEP	Massachusetts Department of Environmental Protection
PCB	polychlorinated biphenyl
Wood	Wood Massachusetts, Inc.



1.0 INTRODUCTION

Wood Massachusetts, Inc., (Wood) under contract with the Massachusetts Department of Environmental Protection (MassDEP) conducted 2019 striped bass, blue fish, blue crab, scup, conch and lobster sampling as a part of the seafood monitoring program at the New Bedford Harbor Superfund Site. The purpose of the fish sampling is to track spatial and temporal changes in the tissue polychlorinated biphenyl (PCB) levels and evaluate the effectiveness of the harbor cleanup over the long term. Proposed sampling locations included Fish Closure Areas I, Areas II and III, as well as the background sampling in Sippican Harbor.

The objective of the 2019 field sampling is to collect legally harvestable striped bass, bluefish, blue crab, scup, conch and lobster in support of the tissue PCB monitoring effort. Target species for the 2019 sampling event were striped bass (*Morone saxatilis*), bluefish (*Promatomus saltatrix*), blue crab (*Callinectes sapidus*), scup (*Stenotomus chrysops*), conch (*Busycotypus canaliculatus*) and lobster (*Homarus americanus*). Five individual striped bass samples and five individual bluefish samples were proposed from each Fishing Closure Areas I, II and III. Four blue crab composite samples were proposed from Fishing Closure Area I. Three composite scup samples, three composite conch samples and three composite lobster samples were proposed from background location Sippican Harbor. Target sampling locations, sample collection methods, and laboratory analyses are summarized in **Table 1**.

This report describing field sampling activities conducted during June, September and October 2019 includes:

- Description of sampling methodology (**Section 2**);
- Chronology of sampling efforts (**Section 3**); and
- Conclusions and recommendations (**Section 4**)



2.0 SAMPLING METHODOLOGY

Field collections were performed by Mr. Charles Lyman and Mr. Wolfgang Calicchio of Wood. The vessel-based sampling was done aboard the motor vessel *Islander* with Captain Mike Massa and crew. The *Islander* is a 35' Duffy & Duffy Downeast sport fishing boat used for fin fish charters, commercial lobstering, and scientific sampling.

The following section describes the methods used to collect fish samples, sample handling procedures, and any deviations from the original work plan. The target species for this sampling event included striped bass, bluefish, blue crab, scup, conch and lobster.

2.1 Sample Collection and Processing

2.1.1 Striped Bass

The methods employed to collect striped bass included trolling with a variety of lures and by chumming with menhaden chunks while fishing with live menhaden as bait. When striped bass were hooked they were brought on board and measured. Fish that were less than 28 inches in length (i.e., the legal size in Massachusetts) were released, with the exception of one striped bass caught in Area III that measured 22.5 inches. Fish greater than or equal to 28 inches were retained. These samples were measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.

2.1.2 Bluefish

The methods employed to collect blue fish included trolling with a variety of lures and by chumming with menhaden chunks while fishing with live menhaden as bait. There is no size limit on bluefish. Hooked bluefish were brought on board, measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.

2.1.3 Blue Crab

The method employed to collect blue crabs was baited pots. Pots were checked daily and blue crabs brought on board were measured. Blue crabs with a carapace width less than 5 inches in length (i.e., the legal size in Massachusetts) were released. Blue crabs with a carapace width of greater than or equal to 5 inches were retained. These samples were measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.



2.1.4 Scup

The method employed to collect scup was baited hook and line. When scup were hooked they were brought on board and measured. Any fish that were less than 9 inches in length (i.e., the legal size in Massachusetts) were released, with the exception of one scup that measured 8.5 inches. Fish greater than or equal to 9 inches were retained. These samples were measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.

2.1.5 Conch

The method employed to collect conch was baited pots. Pots were checked daily and conch brought on board were measured. Conch with a shell length less than 2.75 inches in length (i.e., the legal size in Massachusetts) were released. Conch with a shell length greater than or equal to 2.75 inches were retained. These samples were measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.

2.1.6 Lobster

The method employed to collect lobsters was baited pots. Pots were checked daily and lobsters brought on board were measured. Lobsters with a carapace length less than 3.25 inches in length (i.e., the legal size in Massachusetts) were released. Lobsters with a carapace length greater than or equal to 3.25 inches were retained. These samples were measured, weighed, photographed, transferred into labeled plastic bags, and placed in a cooler on ice. Samples were kept on ice and transported to the laboratory within 24 hours of collection.

2.2 Sampling Stations

Target sampling areas were selected by the MassDEP. As shown in **Table 1**, striped bass and blue fish were targeted in Fishing Closure Areas I, II and III and blue crab were targeted in Fishing Closure Area I at the New Bedford Superfund Site. Scup, conch and lobster were targeted in background location Sippican Harbor. These areas were fished with varied success.

Actual sample location coordinates are shown in **Table 2** and sample locations are shown on **Figure 1**, **Figure 2** and **Figure 3**.

2.3 Deviations

The original project scope called for the collection of five legally harvestable size (i.e., 28 inches) individual striped bass from each of the proposed sampling areas (i.e. Area I, Area II and Area III). After five days of fishing in June 2019 and two days of fishing in September 2019, no striped bass were collected from Area II. Per the MassDEP Striped Bass and Bluefish Monitoring and Field Sampling Work



Plan Sampling Plan (May 2019), if the legal size is not available, fish between the range of 22 inches to 28 inches will be collected. One striped bass caught in Area III measuring 22.5 inches was retained as a sample.

Four blue crab composite samples, consisting of 3 to 5 crabs each, were proposed at four locations (i.e., location A, B, C and D) within Area I. Blue crab collection was attempted in Area I in June 2019 with only one individual blue crab being caught after four days of fishing. This blue crab was not submitted for analysis. In September 2019, a second attempt was made to collect blue crabs in Area I. Blue crabs were collected in at location A, B and C within Area I. No blue crabs were collected at location D within Area I.

One scup measured 8.5 inches, which is slightly under the minimum length of 9 inches. This fish was combined with four other fish of legal size as part of a composite sample.

Three lobster composite samples, consisting of 4 lobsters each, were proposed at Sippican Harbor. In October 2019, six lobster pots were baited and set within Sippican Harbor for a total of three full days. Pots were checked daily with only one legal size lobster being caught each day for a total of three individual lobster samples.

There were no deviations from the work plan regarding sample collection techniques or handling. Samples were transferred to the laboratory on ice within 24 hours of sample collection.



3.0 SAMPLING EFFORT

Striped bass, bluefish and scup collected during this sampling event were caught on hook and line using lures, chunk bait, and live bait. Lures that were trolled included, umbrella rigs and plastic “tubes” baited with sand worms. Other methods employed included casting surface and swimming lures and using chunk and live bait, which required anchoring the boat and chumming with chunks of menhaden and setting out (4) lines with baited hooks. The casting of surface and swimming plugs was done in conjunction with bait fishing.

Blue crabs, conch and lobster were collected using baited pots. Blue crab, conch and lobster pots were set in the morning and allowed to soak overnight. Pots were checked daily in the morning, re-baited and set again as necessary.



4.0 CONCLUSIONS AND RECOMMENDATIONS

No logistical or technical problems occurred during the sampling event. A total of eight days were spent fishing in Area I, Area II and Area III, with limited success in Area I for blue crabs and no striped bass caught in Area II. A total of four days were spent fishing in Sippican Harbor with limited success for lobster.

The limited striped bass success in Area II is consistent with previous years sampling success and may be attributed to both physical and biological factors. The lack of deep water and structure in Area II may explain the lower numbers of large striped bass being caught. Fish were generally caught in areas of the harbor with underwater structure (i.e., Bents Ledge and the Sand spit) such as rocks and eelgrass beds, which is known to provide habitat for immature striped bass. In addition, bait fish (menhaden) were observed, snagged, and used as live bait on both sampling events.

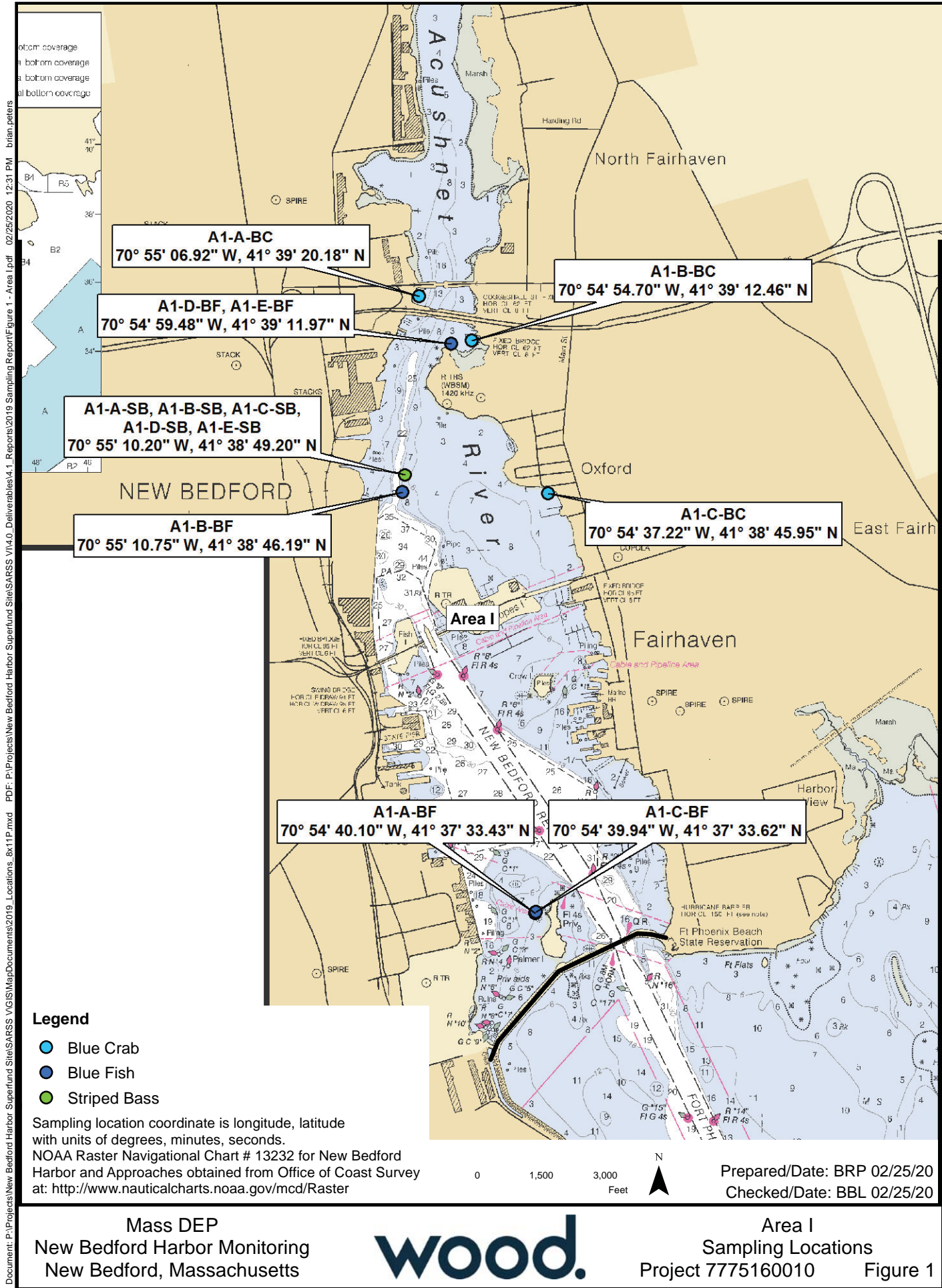
Limited blue crab success in Area I may be attributed to recent dredging in the area where the depth of water was measure at 24 feet. Blue crabs were also more abundant in September than in June.

Limited lobster success can be attributed to the time of the sampling event as lobster start migrating to deeper waters in the fall.

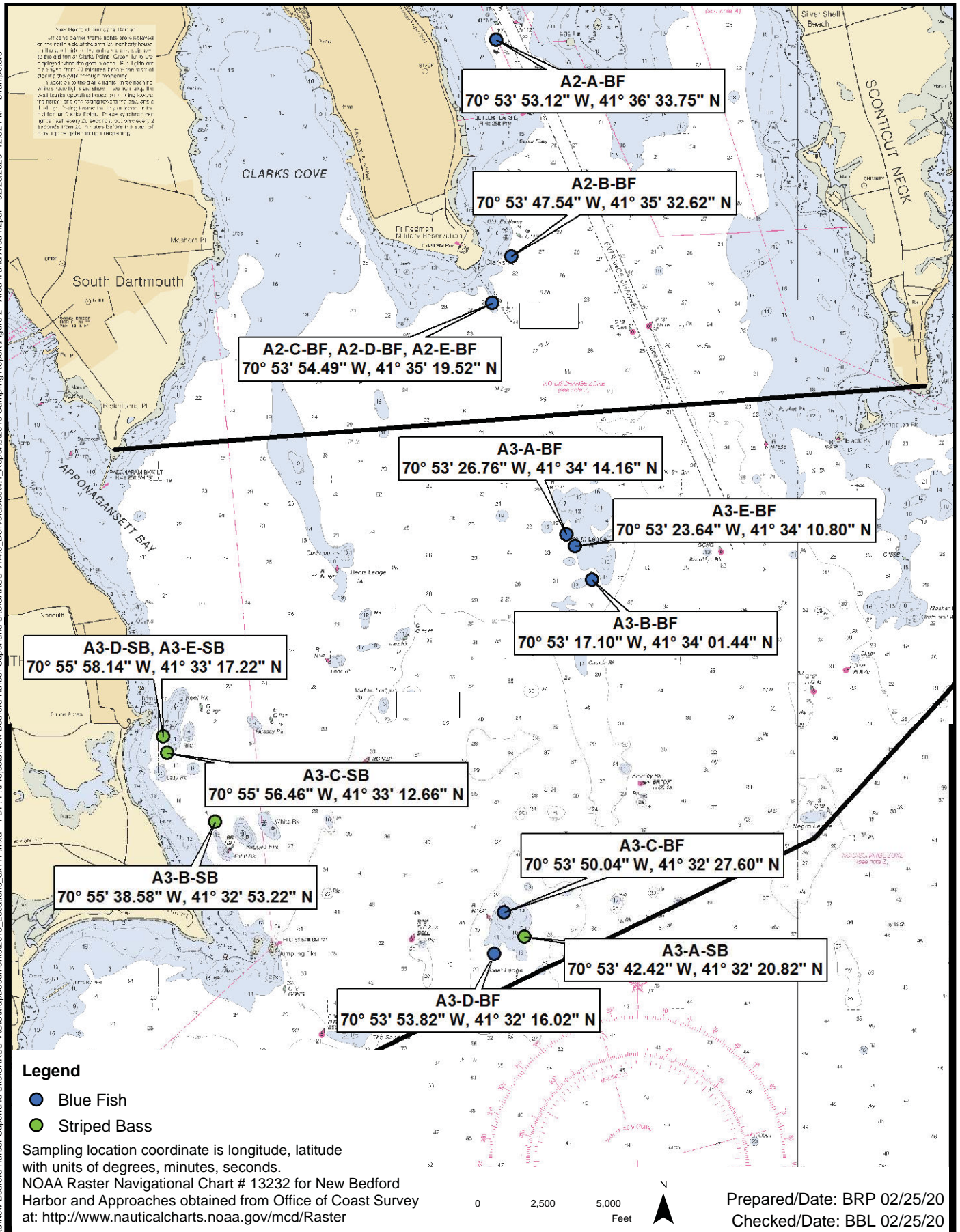


FIGURES





Document: P:\Projects\New Bedford Harbor Superfund Site\SARSS V14.0_Deliverables\4.1_Reports\2019 Sampling Report\Figure 1 - Area I.pdf 02/25/2020 12:31 PM brian.peters



Mass DEP
 New Bedford Harbor Monitoring
 New Bedford, Massachusetts



Area II and Area III
 Sampling Locations
 Project 7775160010 Figure 2

A3-D-SB, A3-E-SB
 70° 55' 58.14" W, 41° 33' 17.22" N

A3-C-SB
 70° 55' 56.46" W, 41° 33' 12.66" N

A3-B-SB
 70° 55' 38.58" W, 41° 32' 53.22" N

A3-D-BF
 70° 53' 53.82" W, 41° 32' 16.02" N

A3-C-BF
 70° 53' 50.04" W, 41° 32' 27.60" N

A3-B-BF
 70° 53' 17.10" W, 41° 34' 01.44" N

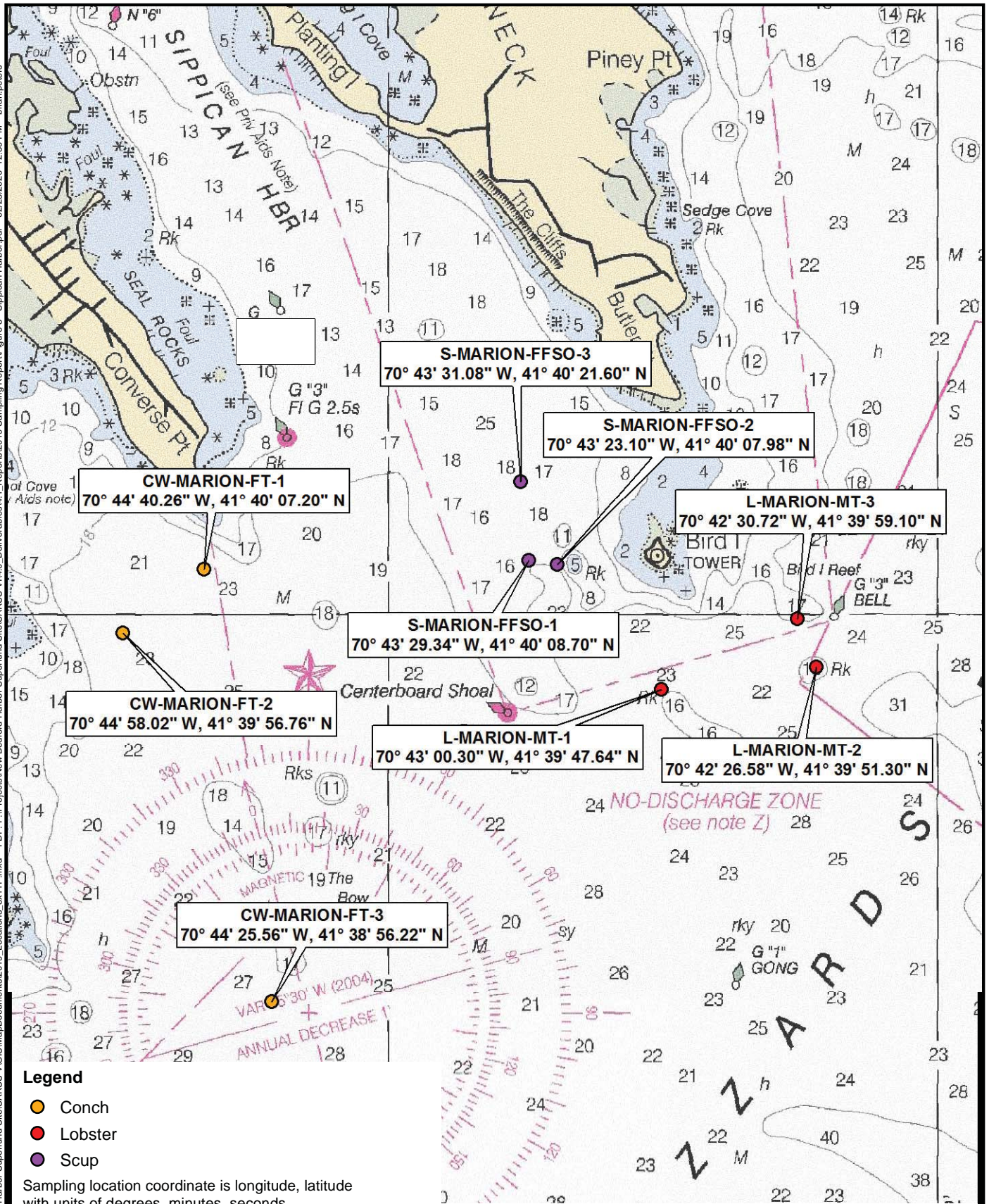
A3-E-BF
 70° 53' 23.64" W, 41° 34' 10.80" N

A3-A-BF
 70° 53' 26.76" W, 41° 34' 14.16" N

A2-C-BF, A2-D-BF, A2-E-BF
 70° 53' 54.49" W, 41° 35' 19.52" N

A2-B-BF
 70° 53' 47.54" W, 41° 35' 32.62" N

A2-A-BF
 70° 53' 53.12" W, 41° 36' 33.75" N



CW-MARION-FT-1
 70° 44' 40.26" W, 41° 40' 07.20" N

S-MARION-FFSO-3
 70° 43' 31.08" W, 41° 40' 21.60" N

S-MARION-FFSO-2
 70° 43' 23.10" W, 41° 40' 07.98" N

L-MARION-MT-3
 70° 42' 30.72" W, 41° 39' 59.10" N

S-MARION-FFSO-1
 70° 43' 29.34" W, 41° 40' 08.70" N

CW-MARION-FT-2
 70° 44' 58.02" W, 41° 39' 56.76" N

L-MARION-MT-1
 70° 43' 00.30" W, 41° 39' 47.64" N

L-MARION-MT-2
 70° 42' 26.58" W, 41° 39' 51.30" N

CW-MARION-FT-3
 70° 44' 25.56" W, 41° 38' 56.22" N

Prepared/Date: BRP 02/25/20
 Checked/Date: BBL 02/25/20

TABLES



Table 1: MassDEP Seafood Sampling 2019: Target Species, Sampling Locations and Number of Samples

Species	Collection Month	Collection Area	Collection Method	Sample Limits	Total Number of Samples Proposed	Total Number of Samples Obtained	Analysis	Media
Striped Bass	June	NBH Area I	Hook and Line	28 inches minimum	5	5	PCB Congeners, Aroclors, Lipids	Fillet skin off and stomach content (separate analyses)
Striped Bass	June September	NBH Area II	Hook and Line	28 inches minimum	5	0	NA	NA
Striped Bass	June	NBN Area III	Hook and Line	28 inches minimum*	5	5	PCB Congeners, Aroclors, Lipids	Fillet skin off and stomach content (separate analyses)
Blue Fish	September	NBH Area I	Hook and Line	No size limit	5	5	PCB Congeners, Aroclors, Lipids	Fillet skin on
Blue Fish	September	NBH Area II	Hook and Line	No size limit	5	5	PCB Congeners, Aroclors, Lipids	Fillet skin on
Blue Fish	June	NBN Area III	Hook and Line	No size limit	5	5	PCB Congeners, Aroclors, Lipids	Fillet skin on
Blue Crab	September	NBH Area I	Pot	Carapace width 5 inches	4	3	PCB Congeners, Aroclors, Lipids	Meat
Scup	October	Sippican Harbor	Hook and Line	9 inches minimum*	3	3	PCB Congeners, Aroclors, Lipids	Fillet skin on
Conch	October	Sippican Harbor	Pot	Shell length 2 3/4 inches	3	3	PCB Congeners, Aroclors, Lipids	Foot
Lobster	October	Sippican Harbor	Pot	Carapace length 3 1/4 inches	3	3	PCB Congeners, Aroclors, Lipids	Meat and Tomalley

* = one fish sampled under minimum length

Prepared By: BBL

Checked By: CL

Table 2: Target Areas and Actual Sample Location Coordinates

Species	Target Area	Sample Locations (degrees/minutes/seconds)		Sample IDs
		Latitude	Longitude	
Striped Bass ^a	NBH Area I	41° 38' 49.20" N	70° 55' 10.20" W	A1-A-SB
	NBH Area I	41° 38' 49.20" N	70° 55' 10.20" W	A1-B-SB
	NBH Area I	41° 38' 49.20" N	70° 55' 10.20" W	A1-C-SB
	NBH Area I	41° 38' 49.20" N	70° 55' 10.20" W	A1-D-SB
	NBH Area I	41° 38' 49.20" N	70° 55' 10.20" W	A1-E-SB
Striped Bass ^a	NBH Area III	41° 32' 20.82" N	70° 53' 42.42" W	A3-A-SB
	NBH Area III	41° 32' 53.22" N	70° 55' 38.58" W	A3-B-SB
	NBH Area III	41° 33' 12.66" N	70° 55' 56.46" W	A3-C-SB
	NBH Area III	41° 33' 17.22" N	70° 55' 58.14" W	A3-D-SB
	NBH Area III	41° 33' 17.22" N	70° 55' 58.14" W	A3-E-SB
Blue Fish	NBH Area I	41° 37' 33.43" N	70° 54' 40.10" W	A1-A-BF
	NBH Area I	41° 38' 46.19" N	70° 55' 10.75" W	A1-B-BF
	NBH Area I	41° 37' 33.62" N	70° 54' 39.94" W	A1-C-BF
	NBH Area I	41° 39' 11.97" N	70° 54' 59.48" W	A1-D-BF
	NBH Area I	41° 39' 11.97" N	70° 54' 59.48" W	A1-E-BF
Blue Fish	NBH Area II	41° 36' 33.75" N	70° 53' 53.12" W	A2-A-BF
	NBH Area II	41° 35' 32.62" N	70° 53' 47.54" W	A2-B-BF
	NBH Area II	41° 35' 19.52" N	70° 53' 54.49" W	A2-C-BF
	NBH Area II	41° 35' 19.52" N	70° 53' 54.49" W	A2-D-BF
	NBH Area II	41° 35' 19.52" N	70° 53' 54.49" W	A2-E-BF
Blue Fish	NBH Area III	41° 34' 14.16" N	70° 53' 26.76" W	A3-A-BF
	NBH Area III	41° 34' 01.44" N	70° 53' 17.10" W	A3-B-BF
	NBH Area III	41° 32' 27.60" N	70° 53' 50.04" W	A3-C-BF
	NBH Area III	41° 32' 16.02" N	70° 53' 53.82" W	A3-D-BF
	NBH Area III	41° 34' 10.80" N	70° 53' 23.64" W	A3-E-BF
Blue Crab	NBH Area I	41° 39' 20.18" N	70° 55' 06.92" W	A1-A-BC
	NBH Area I	41° 39' 12.46" N	70° 54' 54.70" W	A1-B-BC
	NBH Area I	41° 38' 45.95" N	70° 54' 37.22" W	A1-C-BC
Scup	Sippican Harbor	41° 40' 08.70" N	70° 43' 29.34" W	S-MARION-FFSO-1
	Sippican Harbor	41° 40' 07.98" N	70° 43' 23.10" W	S-MARION-FFSO-2
	Sippican Harbor	41° 40' 21.60" N	70° 43' 31.08" W	S-MARION-FFSO-3
Conch	Sippican Harbor	41° 40' 07.20" N	70° 44' 40.26" W	CW-MARION-FT-1
	Sippican Harbor	41° 39' 56.76" N	70° 44' 58.02" W	CW-MARION-FT-2
	Sippican Harbor	41° 38' 56.22" N	70° 44' 25.56" W	CW-MARION-FT-3
Lobster ^b	Sippican Harbor	41° 39' 47.64" N	70° 43' 00.30" W	L-MARION-MT-1
	Sippican Harbor	41° 39' 51.30" N	70° 42' 26.58" W	L-MARION-MT-2
	Sippican Harbor	41° 39' 59.10" N	70° 42' 30.72" W	L-MARION-MT-3

Note:

a = includes a fillet tissue sample and stomach content sample
 b = includes lobster meat (claw and tail) sample and tomalley sample

Prepared By: BBL
 Checked By: CL

APPENDIX A
FIELD DATA FORMS



**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 5/26/19 Time: 1500

Climate: SUNNY 80°F, Humid NW wind

Field Personnel: CHL, MM, CRAIG

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 38.820' Longitude: 70° 55.170' (deg/min/seconds)

Sample ID Number: A1-A-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	SB	34"	18/1kg	Lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 6/26/19 Time: 1510

Climate: _____

Field Personnel: CHL, MM, CRM

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area I II / III (circle one)

Latitude: 41° 38. 820' Longitude: 70° 55. 170' (deg/min/seconds)

Sample ID Number: A1-B-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
<u>2</u>	SB	<u>32"</u>	<u>12</u>	<u>Yes, Livers</u>

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/26/19 Time: 1512

Climate: Sunny 80°F

Field Personnel: CH, MR, CRAY

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 38. 820' Longitude: 70° 55. 170' (deg/min/seconds)

Sample ID Number: A1-C-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
3	SB	36 1/2	18 lbs	Lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/26/19 Time: 1500

Climate: Sunny 80°

Field Personnel: CR, MM, CMJ

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I II / III (circle one)

Latitude: 41° 38.820 Longitude: 70° 55.170 (deg/min/seconds)

Sample ID Number: A1-D-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
4	SB	30 3/4	10 1/5	lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/26/19 Time: 8:30

Climate: Sunny, 80° F

Field Personnel: AK, MM, CMG

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 38.820' Longitude: 70° 55.170' (deg/min/seconds)

Sample ID Number: A1-E-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
5	SB	31 1/4	10 1/2 lbs	

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/27/19 Time: 1115

Climate: Sunny, hot humid.

Field Personnel: CHL, MM, C

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 32.347' Longitude: 70° 53.707' (deg/min/seconds)

Sample ID Number: A3-A-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	SB	22 1/2	5.0	lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 6/28/19 Time: 1015

Climate: Sunny, hot humid

Field Personnel: CHL, MM, C

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 32.887' Longitude: 70° 55.643' (deg/min/seconds)

Sample ID Number: A3-B-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
<u>2</u>	<u>SB</u>	<u>33</u>	<u>15</u>	<u>Lesions</u>

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/28/19 Time: 1110

Climate: Sunny, hot/humid

Field Personnel: Chl, Mn, C

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 33.211' Longitude: 70° 55.941' (deg/min/seconds)

Sample ID Number: A3-C-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
3	SB	29 3/4	14 lbs	Lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/28/19 Time: 1210

Climate: Sunny hot/humid

Field Personnel: Chloe, MM, C

Collection Method: Hook/line Other _____ Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 33.287' Longitude: 70° 55.989' (deg/min/seconds)

Sample ID Number: A3-D-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
4	SB	29 3/4	11 1/5	Lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 6/28/19 Time: 1211

Climate: Sunny, hot/humid

Field Personnel: CH, MN, C

Collection Method: Hook/line Other Species: Striped bass

Sample Area: I / II / III (circle one)

Latitude: 41° 33.287' Longitude: 70° 55.969 (deg/min/seconds)

Sample ID Number: A3-E-SB

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
5	SB	33 3/4	16 lbs	Lesions

SB = Striped Bass

Comments:

*Striped bass length 28 inches or greater. If no fish caught 28 inches or greater, fish between 22 and 28 inches can be used.

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/24/19 Time: 1210

Climate: Sunny, breezy, clear

Field Personnel: CHL

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 34.236' Longitude: 70° 53.446' (deg/min/seconds)

Sample ID Number: A3-A-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	BF	16.5	2.	None

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/24/19 Time: 1220

Climate: Sunny, breezy Clear

Field Personnel: CH

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 34.024' Longitude: 70° 53.285' (deg/min/seconds)

Sample ID Number: A3-~~B~~ - BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
2	BF	17.35	3	None

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/24/19 Time: 1315

Climate: Sunny, breezy, clear, 75°

Field Personnel: CLZ

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 32.460 Longitude: 70° 53.834' (deg/min/seconds)

Sample ID Number: A3-C-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
3	BF	19.0	4	None

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/24/19 Time: 1335

Climate: Sunny, breezy (SW), 80°

Field Personnel: CH

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 32.267' Longitude: 70° 53.897' (deg/min/seconds)

Sample ID Number: A3-D-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
4	BF	20 1/2	4 1/2	None

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 6/25/19 Time: 0930

Climate: Windy, showers,

Field Personnel: CM

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 34.180' Longitude: 70° 53.394' (deg/min/seconds)

Sample ID Number: A3-E-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
5	BF	18 1/2	3 1/2	None

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/4/19 Time: 1500

Climate: Sunny, Breezy

Field Personnel: Chyman

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: ~~70~~ 41° 37' 33.43" Longitude: 70° 54' 40.10" (deg/min/seconds)

Sample ID Number: AI-A-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
A	BF	17"	2.5 lbs	

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/5/19 Time: 1500

Climate: 75°F sunny, Breezy

Field Personnel: Chynn

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area I / II / III (circle one)

Latitude: ~~41° 36' 32.22"~~^{41° 38' 46.19"} Longitude: ~~70° 53' 50.85"~~^{70° 55' 10.75"} (deg/min/seconds)

Sample ID Number: AI-B-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
B	BF	18 ¹⁷	2.5 ^{2.0}	

BF = Bluefish

2.0 lbs

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/5/19 Time: 1515

Climate: 75°F Sunny breezy

Field Personnel: _____

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I II / III (circle one)

Latitude: 41° 37' 33.62" Longitude: 70° 54' 39.94" (deg/min/seconds)

Sample ID Number: AI-C-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
C	BF	15"	1.75	

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/6/19 Time: 0845

Climate: 75°F cloudy, Breezy

Field Personnel: Clyman

Collection Method: Hook/line Other Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 39' 11.97" Longitude: 70° 54' 59.48" (deg/min/seconds)

Sample ID Number: A1-D-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BF	17	2.5	

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/6/19 Time: 0915

Climate: 75°F Chevy, breezy

Field Personnel: CLynn

Collection Method: Hook/line Other Species: Bluefish

Sample Area: I II / III (circle one)

Latitude: 41° 39' 11.97" Longitude: 70° 54' 59.48" (deg/min/seconds)

Sample ID Number: A1-E-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BF	19	3.1	

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/5/19 Time: 0930

Climate: 75°f sunny, breezy

Field Personnel: Clyman

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 36' 33.75" Longitude: 70° 53' 53.12" (deg/min/seconds)

Sample ID Number: A~~1~~-A-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
A	BF	18	2.5	

BF = Bluefish

Comments:

No size limit on bluefish

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/5/19 Time: 1030

Climate: 75°f sunny, Breezy

Field Personnel: Chyman

Collection Method: Hook/line Other _____ Species: Bluefish

Sample Area: I (II) III (circle one)

Latitude: 41° 35' 32.62" Longitude: 70° 53' 47.54" (deg/min/seconds)

Sample ID Number: A2-B-Bf

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
B	BF	18 ^u	2.5 lbs	

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/5/19 Time: 1030

Climate: 75°f sunny breezy

Field Personnel: Clymer

Collection Method: Hook/line Other Species: Bluefish

Sample Area: I / II / III (circle one)

Latitude: 41° 35' 19.52" Longitude: 70° 53' 54.49" (deg/min/seconds)

Sample ID Number: A2-C-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BF	17"	2.5	

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/5/19 Time: 1030

Climate: 75°F sunny breezy

Field Personnel: Chymal

Collection Method: Hook/line Other Species: Bluefish

Sample Area: I (II) / III (circle one)

Latitude: 41° 35' 19.52" Longitude: 70° 53' 54.49" (deg/min/seconds)

Sample ID Number: A2-D-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BF	17	2.5	

BF = Bluefish

Comments:

No size limit on bluefish

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/5/19 Time: 1030

Climate: 75°f sunny breezy

Field Personnel: Clyman

Collection Method: Hook/line Other Species: Bluefish

Sample Area: I II III (circle one)

Latitude: 41° 35' 19.52" Longitude: 70° 53' 54.49" (deg/min/seconds)

Sample ID Number: A2-E-BF

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BF	19.5	5	

BF = Bluefish

Comments:

No size limit on bluefish

Location A

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/5/19 Time: 0810

Climate: 70°; SUNNY; BREEZY

Field Personnel: CHL

Collection Method: Hook/line Other Species: Blue Crab

Sample Area: I A

Latitude: 70° 55' 6.92" Longitude: 41° 39' 20.18" (deg/min/seconds)

Sample ID Number: A1-A-BC

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace width (in)	Whole mass (lbs)	Physical Observations/Anomalies
	BC	5 3/4	180g	None
	BC	6	180g	↓
	BC	6 1/4	200g	
	BC	6	185g	
	BC	6 1/4	200g	

9/5/19
↓
9/6/19

BC = Blue Crab

Comments:

*Carapace width 5 inches or greater

Location B

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/4/19 Time: 1615

Climate: Sunny Breezy

Field Personnel: Chymal

Collection Method: Hook/line Other Species: Blue Crab

Sample Area: I ~~B~~ Moby Dick Mine

Latitude: 41° 39' 12.46"
~~70° 54' 54.70"~~ Longitude: 70° 54' 54.70" (deg/min/seconds)

Sample ID Number: ~~BC~~ A1-B-BC

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace width (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	BC	>5	160 ^{SARSS}	
2	BC	>5	135	
3	BC	>5	160	
4	BC	>5	260	
5	BC	6 1/8	190	

BC = Blue Crab

Comments:

*Carapace width 5 inches or greater

Location C

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 9/4/19 Time: 0830

Climate: Sunny, Breezy

Field Personnel: Clyman

Collection Method: Hook/line Other Species: Blue Crab

Sample Area: I BC

Latitude: 41° 38' 45.95" Longitude: 70° 54' 37.22" (deg/min/seconds)

Sample ID Number: A1-C-BC

Photo ID Number(s): _____

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace width (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	BC	5.5"	170	9/4/19 1500
2	BC	6.25"	270	9/5/19 0825
3	BC	7.04	330	9/5/19 0825
4	BC			DID NOT collect.
5	BC			DID NOT collect.

BC = Blue Crab

Comments:

*Carapace width 5 inches or greater

Location D

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 9/6/19 Time:

Climate: 75°F Sunny Breezy

Field Personnel: Clymer

Collection Method: Hook/line Other Species: Blue Crab

Sample Area: I AREA I
Latitude: 41° 38' 17.22" Longitude: 70° 54' 40.74" (deg/min/seconds)

Sample ID Number: NA

Photo ID Number(s): NA

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace width (in)	Whole mass (lbs)	Physical Observations/Anomalies
<u>NA</u>	BC			
↓	BC			
↓	BC			
↓	BC			
↓	BC			

BC = Blue Crab

Comments: Did not catch any Blue crabs in location D
AREA I.

*Carapace width 5 inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: OCTOBER 1, 2019 Time: 1355

Climate: Overcast, approx 70°F, light wind, approx 1 foot swell

Field Personnel: WOLFGANG CALICCHIO

Collection Method: Hook/line Other _____ Species: Scup

Sample Area: Sippican Harbor

Latitude: N 41° 40.145' Longitude: W 70° 43.489' (deg/min/seconds)

Sample ID Number: S-MARION-FFSO-1

Photo ID Number(s): S-MARION-FFSO-1

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	S	9	0.44	none ↓
2	S	9 1/8	0.51	
3	S	9	0.51	
4	S	10 1/8	0.76	
5	S	9	0.48	

S = Scup

Comments:

9" in length or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: OCTOBER 1, 2019 Time: 1435

Climate: OVERCAST, approx 70°F, light wind, approx 1 foot swell

Field Personnel: Wolfgang Calichio

Collection Method: Hook/line Other _____ Species: Scup

Sample Area: Sippican Harbor

Latitude: N 41° 40.133' Longitude: W 70° 43.385' (deg/min/seconds)

Sample ID Number: S-MARION-FFSO-2

Photo ID Number(s): S-MARION-FFSO-2

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	S	9 1/8	0.52	none ↓
2	S	9 7/8	0.69	
3	S	9 1/8	0.51	
4	S	9	0.48	
5	S	10 1/4	0.80	

S = Scup

Comments:

9" in length or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 10/02/19 Time: 1125

Climate: Overcast, light breeze, calm seas, approx. 70°F

Field Personnel: WOLFGANG CAICCHIO

Collection Method: Hook/line Other _____ Species: Scup

Sample Area: Sippican Harbor

Latitude: N 41° 40.360' Longitude: W 70° 43.518' (deg/min/seconds)

Sample ID Number: S-MARION-FFSO-3

Photo ID Number(s): S-MARION-FFSO-3

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	Fork length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	S	9 1/4	0.57	none ↓
2	S	8 1/2	0.46	
3	S	10 1/8	0.75	
4	S	9	0.52	
5	S	9	0.52	

S = Scup

Comments:

9" in length or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: Oct. 02, 2019 Time: 0920

Climate: Cloudy, light breeze, warm approx 70°F, calm seas

Field Personnel: Wolfgang Calicchio

Collection Method: Hook/line Other Species: Conch (Channel Whelk)

Sample Area: Sippican Harbor

Latitude: 41° 40.120' Longitude: 70° 44.671'
~~41° 38.937'~~ ~~70° 44.426'~~ (deg/min/seconds)
 10/2/19 10/2/19

Sample ID Number: CW-MARION-FT-1

Photo ID Number(s): CW-MARION-FT-1

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Shell length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	CW	5 3/4	0.46	none ↓
2	CW	6	0.48	
3	CW	5 1/4	0.33	
4	CW	5 5/8	0.42	
5	CW	5 1/4	0.33	
6	CW	5 3/8	0.35	
7	CW	5 1/4	0.31	
8	CW	5 1/2	0.44	
9	CW	5 5/8	0.44	
10	CW	5 5/8	0.41	
11	CW	5 1/4	0.31	
12	CW	5 1/8	0.33	

CW = Conch

Comments:

*shell length 2 3/4" inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: Oct. 02, 2019 Time: 0940

Climate: Cloudy, light breeze, warm approx 70°F, calm seas

Field Personnel: WOLFGANG CAUCCIO

Collection Method: Hook/line Other Species: Conch (Channel Whelk)

Sample Area: Sippican Harbor

Latitude: 41° 39.946' Longitude: 70° 44.967' (deg/min/seconds)

Sample ID Number: CW-MARION-FT-2

Photo ID Number(s): CW-MARION-FT-2

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Shell length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	CW	5 1/2	0.35	none ↓
2	CW	5 1/4	0.35	
3	CW	5 1/2	0.37	
4	CW	5 1/4	0.35	
5	CW	6 1/8	0.42	
6	CW	6 3/8	0.31	
7	CW	5 3/4	0.42	
8	CW	5 5/8	0.34	
9	CW	5 7/8	0.44	
10	CW	5	0.28	
11	CW	5 1/2	0.41	
12	CW	5 5/8	0.40	

CW = Conch

Comments:

*shell length 2 3/4" inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: Oct. 02, 2019

Time: 1000

Climate: Cloudy, light breeze, warm approx 70°F, calm seas

Field Personnel: Wolfgang Calicchio

Collection Method: Hook/line Other Species: Conch (Channel Whelk)

Sample Area: Sippican Harbor

Latitude: 41° 38.937' Longitude: 70° 44.426' (deg/min/seconds)

Sample ID Number: CW-MARION-FT-3

Photo ID Number(s): CW-MARION-FT-3

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Shell length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	CW	7	0.66	none ↓
2	CW	5 1/2	0.30	
3	CW	5 3/4	0.37	
4	CW	5 1/2	0.33	
5	CW	5	0.24	
6	CW	5 5/8	0.37	
7	CW	6 1/8	0.46	
8	CW	5 1/8	0.32	
9	CW	5 3/4	0.40	
10	CW	5 3/4	0.33	
11	CW	5 3/4	0.42	
12	CW	5 1/2	0.40	

CW = Conch

Comments:

*shell length 2 3/4" inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 10/04/19 Time: 0841

Climate: Cool, approx 58°F, overcast, light breeze, calm seas

Field Personnel: W. Calicchio

Collection Method: Hook/line Other Species: Lobster

Sample Area: Sippican Harbor

Latitude: 41° 39.794 Longitude: 70° 43.005 (deg/min/seconds)

Sample ID Number: L-MARION-MT-1 and L-MARION-TM-1

Photo ID Number(s): L-MARION-MT-1

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	L	3 3/8	1	none
	L			
	L			
	L			

L = Lobster

Comments:

*Carapace length 3 1/4 " inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 10/02/19 Time: 1039

Climate: Overcast, warm (approx 68°F), light breeze, flat water.

Field Personnel: W. Calicchio

Collection Method: Hook/line Other Species: Lobster

Sample Area: Sippican Harbor

Latitude: 41° 39.855 Longitude: 70° 42.443 (deg/min/seconds)

Sample ID Number: L-MARION-MT-2 and L-MARION-TM-2

Photo ID Number(s): L-MARION-MT-2

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	L	3 7/8	1 3/4	none
	L			
	L			
	L			

L = Lobster

Comments:

*Carapace length 3 1/4 " inches or greater

**FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM**

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 10/03/19 Time: 0930

Climate: Cold, approx 53°F, steady wind, cloudy, choppy seas

Field Personnel: W. Calocelid

Collection Method: Hook/line Other Species: Lobster

Sample Area: Sippican Harbor

Latitude: 41° 39.995 Longitude: 70° 42.512 (deg/min/seconds)

Sample ID Number: L-MARION-MT-3 and L-MARION-TM-3

Photo ID Number(s): L-MARION-MT-3

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	*Carapace length (in)	Whole mass (lbs)	Physical Observations/Anomalies
1	L	3 3/8	1 1/4	none
	L			
	L			
	L			

L = Lobster

Comments:

*Carapace length 3 1/4 " inches or greater

APPENDIX B
SAMPLE PHOTOGRAPHS



Photographs

Client: Mass DEP

Project Number: 7775160010.05A

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 26, 2019

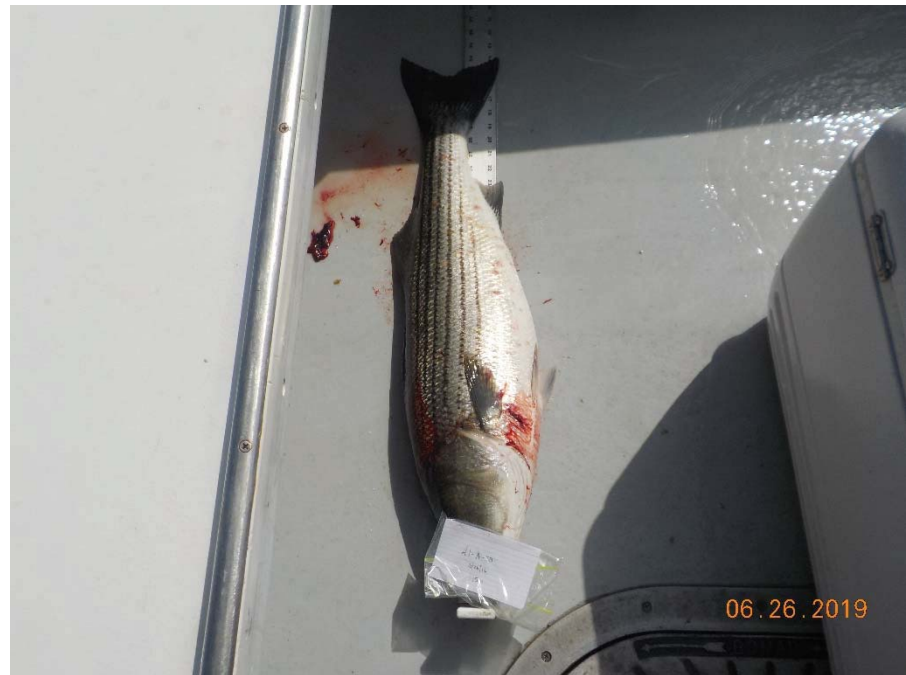
Photograph: 1

Direction:

NA

Description:

Fish A1-A-SB



Photographer:

Charles Lyman

Date:

June 26, 2019

Photograph: 2

Direction:

NA

Description:

Fish A1-B-SB



Photographs

Client: Mass DEP

Project Number: 7775160010.05A

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 26, 2019

Photograph: 3

Direction:

NA

Description:

Fish A1-C-SB



Photographer:

Charles Lyman

Date:

June 26, 2019

Photograph: 4

Direction:

NA

Description:

Fish A1-D-SB



Photographs

Client: Mass DEP

Project Number: 7775160010.05A

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 26, 2019

Photograph: 5

Direction:

NA

Description:

Fish A1-E-SB



Photographer:

Charles Lyman

Date:

June 27, 2019

Photograph: 6

Direction:

NA

Description:

Fish A3-A-SB



Photographs

Client: Mass DEP

Project Number: 7775160010.05A

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 28, 2019

Photograph: 7

Direction:

NA

Description:

Fish A3-B-SB



Photographer:

Charles Lyman

Date:

June 28, 2019

Photograph: 8

Direction:

NA

Description:

Fish A3-C-SB



Photographs

Client: Mass DEP

Project Number: 7775160010.05A

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 28, 2019

Photograph: 9

Direction:

NA

Description:

Fish A3-D-SB



Photographer:

Charles Lyman

Date:

June 28, 2019

Photograph: 10

Direction:

NA

Description:

Fish A3-E-SB



Photographs

Client: Mass DEP

Project Number: 7775160010.05

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 24, 2019

Photograph: 11

Direction:

NA

Description:

Fish A3-A-BF



Photographer:

Charles Lyman

Date:

June 24, 2019

Photograph: 12

Direction:

NA

Description:

Fish A3-B-BF



Photographs

Client: Mass DEP

Project Number: 7775160010.05

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 24, 2019

Photograph: 13

Direction:

NA

Description:

Fish A3-C-BF



Photographer:

Charles Lyman

Date:

June 24, 2019

Photograph: 14

Direction:

NA

Description:

Fish A3-D-BF



Photographs

Client: Mass DEP

Project Number: 7775160010.05

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

June 25, 2019

Photograph: 15

Direction:

NA

Description:

Fish A3-E-BF



Photographer:

Charles Lyman

Date:

September 5, 2019

Photograph: 16

Direction:

NA

Description:

Fish A1-B-BF



Photographs

Client: Mass DEP

Project Number: 7775160010.05

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

September 6, 2019

Photograph: 17

Direction:

NA

Description:

Fish A1-E-BF



Photographer:

Charles Lyman

Date:

September 5, 2019

Photograph: 18

Direction:

NA

Description:

Fish A2-A-BF



Photographs

Client: Mass DEP

Project Number: 7775160010.05

Site Name: New Bedford Harbor Superfund Site

Site Location: New Bedford, Massachusetts

Photographer:

Charles Lyman

Date:

September 5, 2019

Photograph: 19

Direction:

NA

Description:

Fish A1-A-BC



Photographer:

Date:

Photograph:

Direction:

Description:

Photographs

Client: Mass DEP

Project Number: 7775160010.06

Site Name: New Bedford Harbor Superfund Site

Site Location: Marion, Massachusetts

Photographer:

Wolfgang Calicchio

Date:

October 1, 2019

Photograph: 20

Direction:

NA

Description:

Fish
S-MARION-FFSO-1



Photographer:

Wolfgang Calicchio

Date:

October 1, 2019

Photograph: 21

Direction:

NA

Description:

Fish
S-MARION-FFSO-2



Photographs

Client: Mass DEP

Project Number: 7775160010.06

Site Name: New Bedford Harbor Superfund Site

Site Location: Marion, Massachusetts

Photographer:

Wolfgang Calicchio

Date:

October 2, 2019

Photograph: 22

Direction:

NA

Description:

Fish
S-MARION-FFSO-3



Photographer:

Wolfgang Calicchio

Date:

October 2, 2019

Photograph: 23

Direction:

NA

Description:

Fish
CW-MARION-FT-1



Photographs

Client: Mass DEP

Project Number: 7775160010.06

Site Name: New Bedford Harbor Superfund Site

Site Location: Marion, Massachusetts

Photographer:

Wolfgang Calicchio

Date:

October 4, 2019

Photograph: 24

Direction:

NA

Description:

Fish
L-MARION-1



Photographer:

Wolfgang Calicchio

Date:

October 2, 2019

Photograph: 25

Direction:

NA

Description:

Fish
L-MARION-2



Photographs

Client: Mass DEP

Project Number: 7775160010.06

Site Name: New Bedford Harbor Superfund Site

Site Location: Marion, Massachusetts

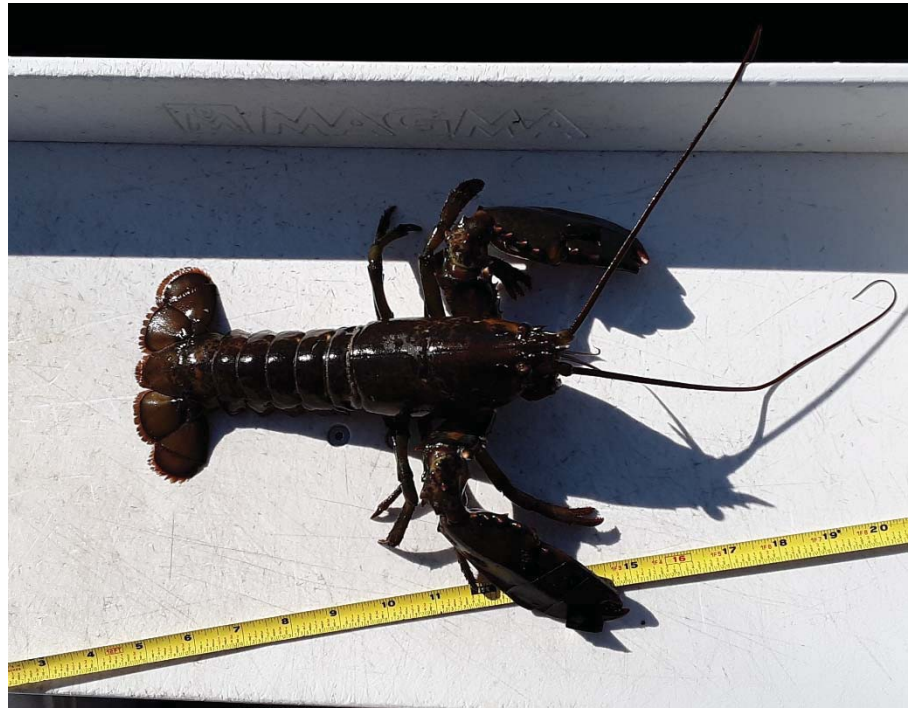
Photographer:
Wolfgang Calicchio

Date:
October 3, 2019

Photograph: 26

Direction:
NA

Description:
Fish
L-MARION-3



Photographer:

Date:

Photograph:

Direction:

Description:

APPENDIX C
CHAIN OF CUSTODY





CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab:

ALPHA Job #:

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: New Bedford Harbor
Project Location: New Bedford, MA
Project #: 3650080120
Project Manager: BRAD Latforest
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: WOOD EBI
Address: 511 CONGRESS ST
Portland, ME
Phone: (207) 775-5401
Fax:
Email: BRAD.Latforest@Woodpic.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
PCBs

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID		Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments							
			Date	Time			PCBs																	
	A1-B-BF	B	9/5/19	1500	Blue fish	CITL	X																(1) fish	
	A1-C-BF	C	9/5/19	1515	Blue fish		X																(1) fish	
C	A2-C-BF		9/5/19	1030	Blue fish		X																(1) fish	
	A1-A-BF	A	9/4/19	1500	Blue fish		X																(1) fish	
D	A2-D-BF		9/5/19	1030	Blue fish		X																(1) fish	
B	A2-B-BF		9/5/19	1030	Blue fish		X																(1) fish	
E	A2-E-BF		9/5/19	1030	Blue fish		X																(1) fish	
A	A2-A-BF		9/5/19	0930	Blue fish		X																(1) fish	

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Reinquished By:

Charles H. Ryan

Date/Time

9/5/19 16:55

Received By:

BRAD - AL

Date/Time

9/5/19 16:55



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client: WOOD

Address: 511 Congress St
Portland, ME

Phone: (207) 775-5401

Fax:

Email:

These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Harbor

Project Location: New Bedford

Project #:

Project Manager: Brian Lafont

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS	PCBs	TOTAL # BOTTLES	SAMPLE HANDLING	Sample Specific Comments
		Date	Time							
	A1-A-BC ✓	9/5/19	1500	Blue Crab	CH	X				(4) CRABS of (5)
	A1-C-BC ✓	9/5/19	0930	Blue Crab	↓	X				(3) CRABS of (5)
	A1-B-BC ✓	9/5/19	1600	Blue Crab	↓	X				(5) CRABS of (5)

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Chad H. Lynn

9/5/19 1655

Brian Lafont - AAL

9/5/19 16:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



CHAIN OF CUSTODY

PAGE 1 OF 18 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab:

ALPHA Job #:

Project InformationProject Name: New Bedford Harbor**Report Information - Data Deliverables** ADEx EMAIL**Billing Information** Same as Client info PO #:**Client Information**Client: Wood

Project Location:

Address: 511 Congress Str.
Portland, ME 04101

Project #:

Project Manager: Brad LaForest

ALPHA Quote #:

Regulatory Requirements & Project Information Requirements Yes No MA MCP Analytical Methods Yes No CT RCP Analytical Methods
 Yes No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
 Yes No GW1 Standards (Info Required for Metals & EPH with Targets)
 Yes No NPDES RGP
 Other State/Fed Program _____ Criteria _____**Turn-Around Time** Standard RUSH (only confirmed if pre-approved!)Date Due: 1

Additional Project Information:

Phone: 207 775 5401
Email: Brad.LaForest@woodpk.com

ANALYSIS	VOC: <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> 524.2	SAMPLE INFO
	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	
METALS: <input type="checkbox"/> MCP 13 <input type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	<input type="checkbox"/> Field	TOTAL # BOTTLES
METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8 <input type="checkbox"/> PP13	<input type="checkbox"/> Lab to do	
EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	Preservation	Sample Comments
VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	<input type="checkbox"/> Lab to do	
<input checked="" type="checkbox"/> PCB		
TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint		

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials
		Date	Time		
	L-MARION-MT-2	10/02/19	1039	Meat	WDC
	L-MARION-TM-2	↓	↓	Tomalley	↓
	L-MARION-MT-3	10/03/19	0930	Meat	
	L-MARION-TM-3	↓	↓	Tomalley	↓
	L-MARION-MT-1	10/04/19	0841	Meat	
	L-MARION-TM-1	↓	↓	Tomalley	↓

[Handwritten signature] 10/04/19

Container TypeP= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle**Preservative**A= None
B= HCl
C= HNO₃
D= H₂SO₄
E= NaOH
F= MeOH
G= NaHSO₄
H= Na₂S₂O₃
I= Ascorbic Acid
J= NH₄Cl
K= Zn Acetate
O= Other

Container Type

Preservative

Relinquished By:

[Handwritten signature]

Date/Time

10/04/19 11:29

Received By:

[Handwritten signature]

Date/Time

10-4-19 11:29

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Appendix E

**PCB Congener Calculations 136 vs 148 for 2017 Memo
May 30, 2018**



Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

Memorandum

From: Paul Craffey, MassDEP Project Manager
To: File
Date: May 30, 2018
Subject: PCB Congener Calculations 136 vs 148 for 2017

Introduction

Since 2003, the same 136 PCB congeners were analyzed for each location. The reason to keep the number and the specific congeners the same each year is so a comparison could be made to determine a trend of the PCB concentrations over the years of sampling. For the 2017 analysis, there were 148 PCB congeners that were analyzed in each sample. The new PCB congeners added in 2017 were BZ#20, #68, #73, #88, #90, #111, #112, #121, #125, #160, #164, and #204. These additional PCB congeners represent an 8.1% increase (12/148) in the number of PCB congeners vs. the previous sampling. The purpose of this memo is to determine if the 2017 concentrations represent a potential high bias due to the additional 12 congeners and may need a reduction correction when compared to the previous years.

Congener Result Analysis

Because the additional new PCB congeners co-eluted with other previous congeners, it is not possible to separate the peaks, add up the new 2017 PCB congeners, and subtract the total to obtain adjusted PCB congener totals that could be compared the previous years. The summary tables below represent each of the sample locations that were sampled in 2011 through 2017 and include only the PCB congeners affected by the new 2017 PCB congener list. The subset of affected PCB congeners was totaled and then compared to the total PCB concentration for each individual sample. The percentages of the subset vs. the total are shown on the last gray line of each sample location. The 2017 values including the additional 12 PCB congeners can be compared to the previous years (2011 to 2016) that do not include the additional congeners.

Results

The percentages of the subset PCB congeners for all Conch locations are between 12 to 22%

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

TTY# MassRelay Service 1-800-439-2370

MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

(averaging 17%) of the total PCB congeners. The percentages of the subset PCB congeners for the 2017 Conch locations are between 12 to 22% (averaging 18.9%) of the total PCB congeners. The total increase in the 2017 PCB congeners compared to the previous years (2011 to 2016) is less than 2% ($18.9\% - 17\% = 1.9\%$).

The percentages of the subset PCB congeners for all Quahog locations are between 0 to 16% (averaging 12.4%) of the total PCB congeners. The percentages of the subset PCB congeners for the 2017 Quahog locations are between 2.3 to 15% (averaging 11.7%) of the total PCB congeners. The total decrease in the 2017 PCB congeners compared to the previous years (2011 to 2016) is less than 1% ($12.4\% - 11.7\% = 0.7\%$).

Even though the total number of new PCB congeners in 2017 increased the total number of PCB congeners analyzed by 8.1%, the additional new PCB congeners do not seem to represent a significant change to the total PCB congener results. Based on this evaluation an adjustment to the 2017 results is not required when compared to the previous years' results.