

**Contaminated Monitoring Report for Seafood Harvested in 2010
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 2010. 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-New England Region (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 a 1998 Record of Decision (ROD) (EPA, 1998) for the site, approximately 900,000 cubic yards (cy) of PCB-contaminated sediments and soils are to be removed. Based on annual funding rates received to date, the cleanup may take twenty years or more from now 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 worst case tissue levels (MassDEP, 2010). 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. Because there has been no significant change since 2002 in the PCB concentration levels to below the regulated restrictions (MADPH, 1979), the species collected for the most part in 2010 were ones that do not currently have restrictions that may pose a risk, if consumed. Thus, lobster, blue crab, eel, and quahog in Area I were not sampled in 2010 because their PCB concentrations were significantly above the seafood restrictions. However, additional sampling did include a two post-spawn quahog events and striped bass. The rest of the species collected were the same as the previous year and included alewife, black sea bass, bluefish, conch (channeled

and knobbed whelk), pre-spawn quahog, and scup. Each composite sample consists of five legally harvestable organisms for black sea bass, scup, and conch. For blue fish, the composite sample consists of three legally harvestable organisms. For alewife, the composite sample consists of one harvestable organism. For quahog, the composite sample consists of one dozen legally harvestable organisms. For striped bass, the sample consists of one harvestable organism. The number of composites was determined according to Sokal and Rohlf (1995) using the coefficient of variation (c.v.) from the DMF's 1995 lobster sampling program in Area III (mean = 1.3 ppm, standard deviation = 0.28, c.v. = 22%). The significance level used was 5% and the probability that the significance will be found if it exists was set at 90%. Based on the known levels of PCBs in NBH seafood, there is a high likelihood of detecting PCB concentrations that are 50% different between each closure area.

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 site-specific threshold of 0.02 ppm PCBs. This 0.02 ppm PCB level was developed to ensure the protection of local residents and sport fishermen whose seafood consumption might include seafood caught mostly if not entirely from NBH.

3. 2010 Field Collection

The DMF field sampling program included the collection of alewife, bluefish, black sea bass, conch (channeled and knobbed whelk), quahog, and scup. The Sampling Report for all species collected in 2010 is in Appendix C.

Alewife was collected using a net in March (Figure 2). Black sea bass was harvested by fish pots during May, June, and July (Figure 3). Bluefish was collected using rod and reel in June and July (Figure 4). Conch was collected using fish pots, conch pots, and divers in April through November (Figure 5).

The collection of quahog was done pre-spawn in May and the two post-spawn sampling events in August and October (Figures 6 to 8). Quahogs were collected using a rake and diver from two seafood closure Areas. Six stations were located in Area 2 and four stations were located in Area 3.

Scup was collected using fish pots in June (Figure 9). Striped bass was collected using hook and line in July (Figure 10).

Despite considerable effort to collect species according to the monitoring program design, all species were not obtained in all three closure areas as originally planned. No flounder were collected because the stock is considered "overfished" as determined by the Atlantic States Marine Fisheries Commission. Black sea bass was substituted for flounder.

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

4. Analytical Chemistry

The seafood samples were analyzed for four PCB Aroclors and 136 PCB congeners by GC/MS-SIM (gas chromatography/mass spectrometry-selective ion monitoring) based on EPA Methods 680 and 8270C. Both the Aroclor and the congener approach were used to allow comparisons with previous site data of both types. The four Aroclors measured were Aroclors 1242, 1248, 1254 and 1260. In the previous years of sampling, a fifth Aroclor 1232 was included. Aroclor 1232 was dropped in 2009, because in all the previous sampling rounds, it was never detected. The 136 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 (MassDEP, 2010a). 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 twelve individual samples from each location; these were combined to form one composite sample per location. For each group, approximately five grams of wet sample tissue was homogenized using a tissumizer. 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 then cleaned up to remove the lipid portion and separate the PCB Analytes from the lipid. Following sample cleanup, extracts were dried and concentrated using either the Kuderna-Danish (K-D) or TurboVap method, brought up to final volume and analyzed. Extract cleanup was performed using Gel Permeation Chromatography (GPC) and Sulfuric Acid Cleanup. Silica Gel Cleanup was also employed as appropriate, based on the sample extracts.

Sample analysis using GC/MS-SIM allowed identification and quantitation of both congeners and Aroclors 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. Aroclor identification was performed using pattern recognition from the GC/MS-SIM chromatogram and comparing responses of three to five discrete peaks unique to each Aroclor. Aroclor concentrations were determined by calculating the concentration of each corresponding peak in the sample chromatogram and the three to five resulting concentrations are averaged to provide a final result for the sample. 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. A single point calibration was used for the Aroclors utilizing the congener calibration. Laboratory SOPs are available in the Quality Assurance Project Plan Revision 5 (MassDEP, 2010a) 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.

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 11 through 18 graphically summarize the current data, and Tables 1 through 8 tabulate the totals and averages of the congener and Aroclor 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 12 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.

Throughout their industrial use in the U.S., PCBs were sold under the Aroclor trade name. Aroclors are a mixture of congeners, and different Aroclor types consisting of different congeners and chlorine levels were manufactured (e.g., Aroclor 1242 had 42% chlorine, and Aroclor 1260 had 60% chlorine). For this monitoring effort, both Aroclors and congeners (136 including the 28 congeners of the combined NOAA and WHO subsets) were measured to assist in the comparison with previous site data, as well as to further understand the similarities and differences of these two analytical approaches.

In the current sampling round, the Aroclors concentrations are higher than the congeners concentration for all the Area averages. However, generally there was not a large difference between the congener and Aroclor results.

For the quahog, there was an average decrease of about 9% (100% - 91%) post-spawn 1 and about 21% (100%- 79%) post-spawn 2 in PCB congener concentration after spawning using only the detected values as shown in Table 9. There was an average 30% decrease (100% - 70%) post-spawn 1 in the lipid concentration for the quahog after spawning. The post spawn 2 lipid concentration increase from the post spawn 1 to an average 82% compared to the pre-spawn concentration.

Overall, the current data set indicate continued levels of PCBs in NBH area seafood above the 1998 ROD's site-specific goal of 0.02 ppm. Two striped bass (fillet) in Area III (Aroclor basis of 36 and 3.2 ppm, and congener basis of 30 and 2.5 ppm) and one Scup sample in Area II (Aroclor basis of 2.1 ppm and congener basis of 1.3 ppm) were found to be elevated equal the FDA level of 2 ppm. The highest PCB level reported file for this data set was the 36 ppm Aroclor and 30 ppm congener for striped bass fillet (see Table 3). This sample had the highest PCB concentration outside of Area I reported to data. Because of the limited number of samples collected, it is difficult to draw definitive conclusion regarding the risk of consuming striped bass caught in the New Bedford Harbor Site. Future sampling efforts will attempt to collect more samples. Also, the liver and skin/scales of the striped bass were sampled. The highest liver concentration was 120 ppm (Aroclor) and 110 ppm (congener). The highest skin/scales concentration was 1.5 ppm (Aroclor) and 1.6 ppm (congener). The highest liver and skin/scales concentrations were from the sample with the highest fillet concentration.

It should be noted that these PCB levels do not apply to seafood caught by the harbor's commercial fishing fleet, 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/ne/nbh under "Technical Documents".

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FIGURES

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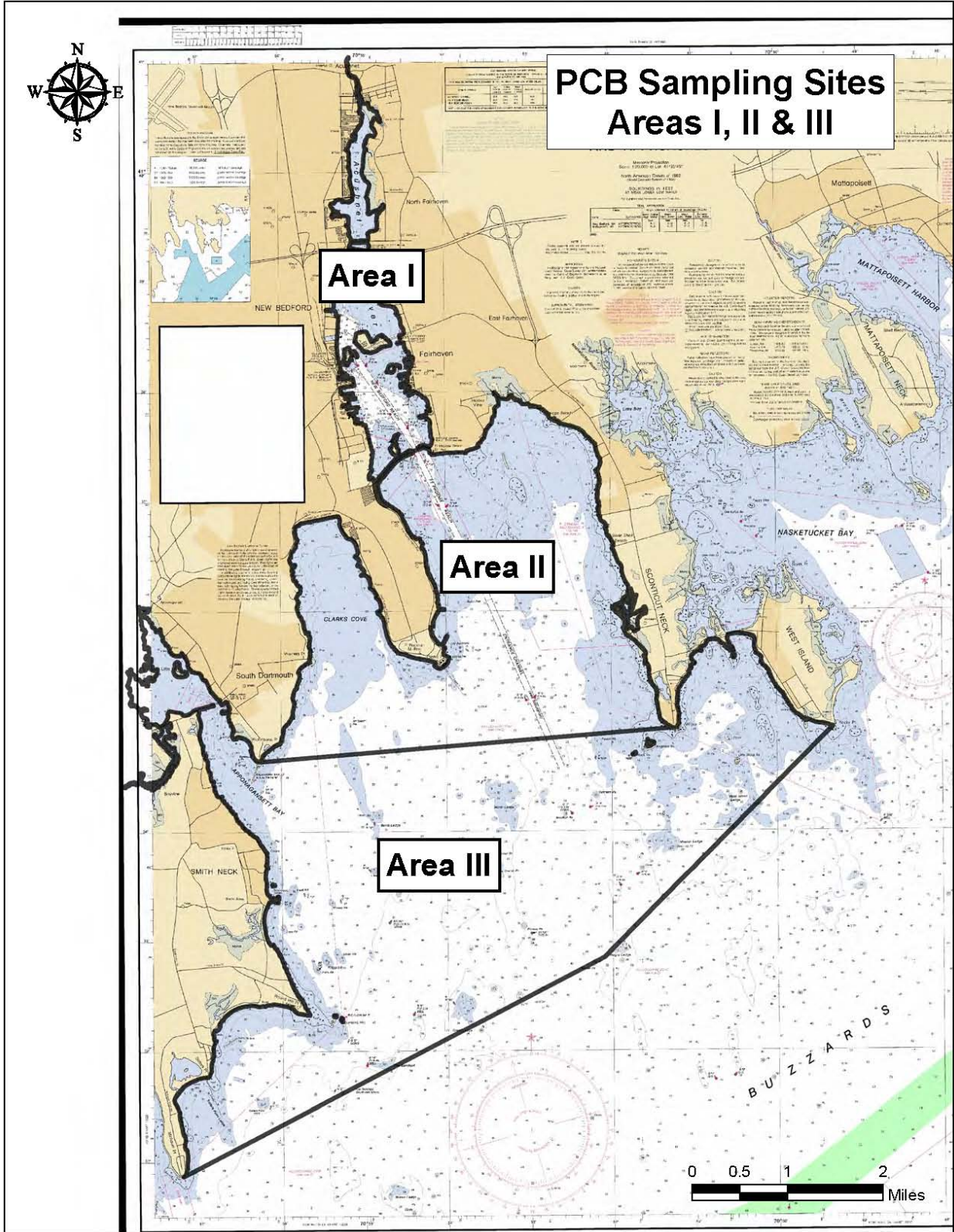


Figure 1 Fish Closure Areas I to III

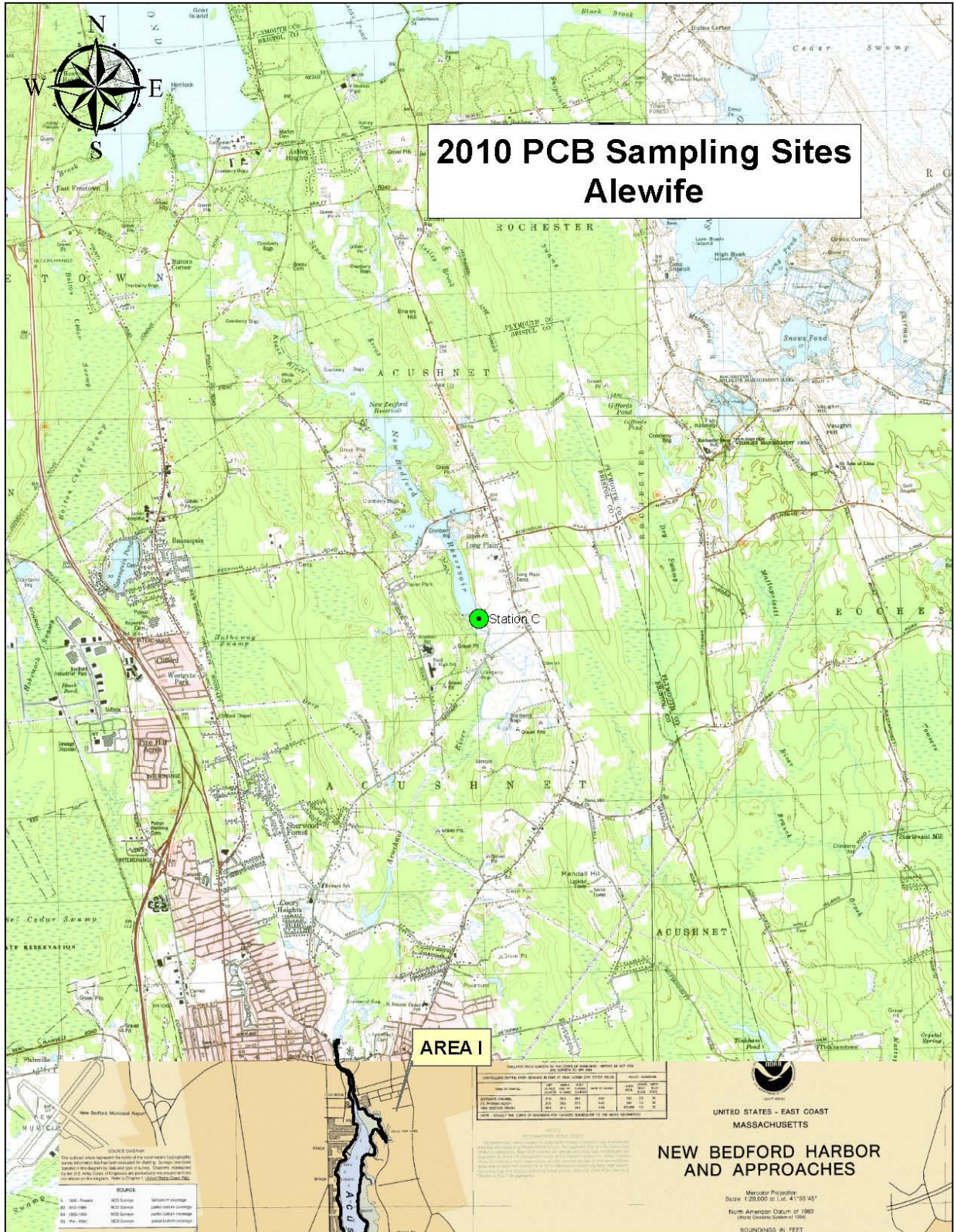


Figure 2 Alewife Sample Locations - Area I

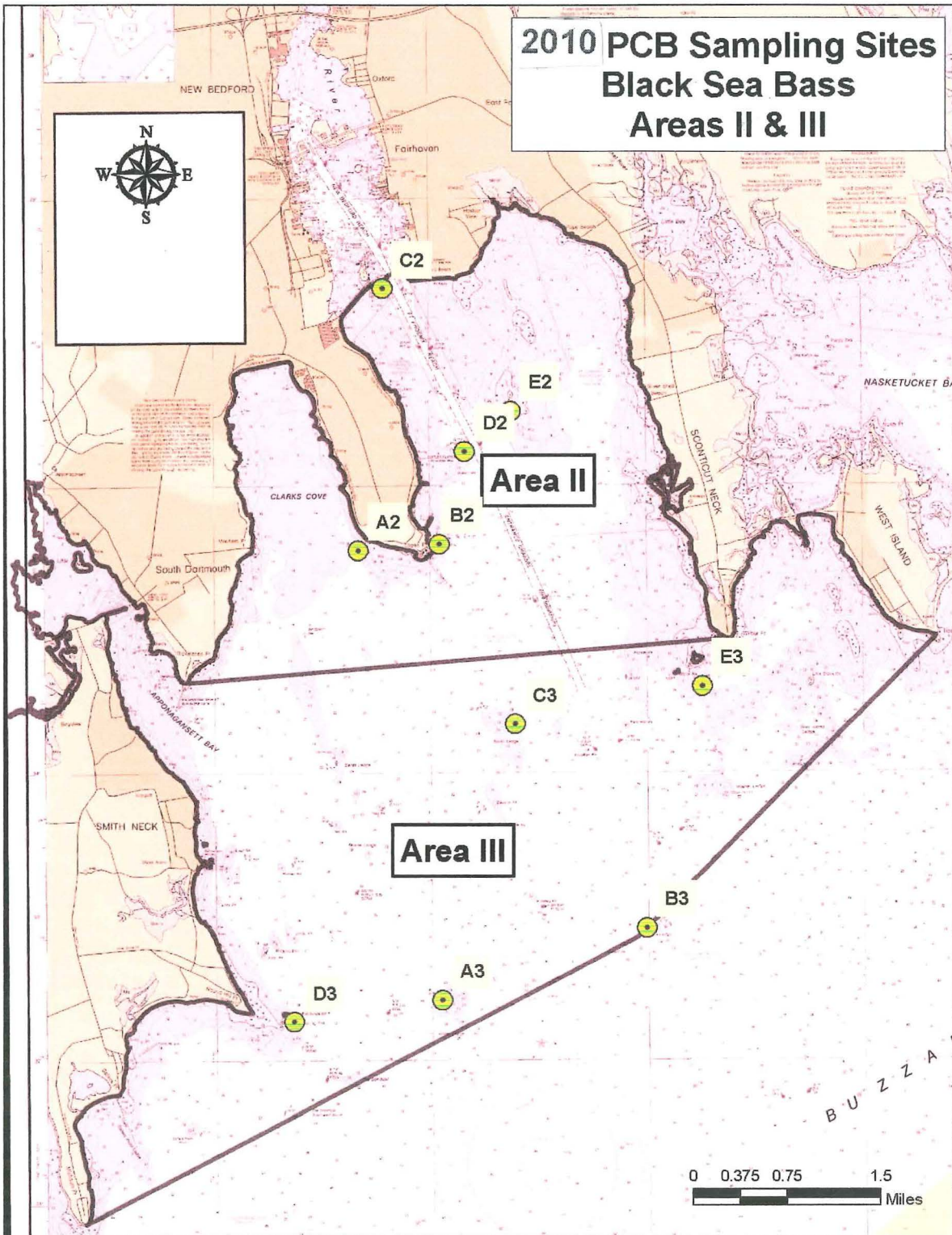


Figure 3 Black Sea Bass Area II & III

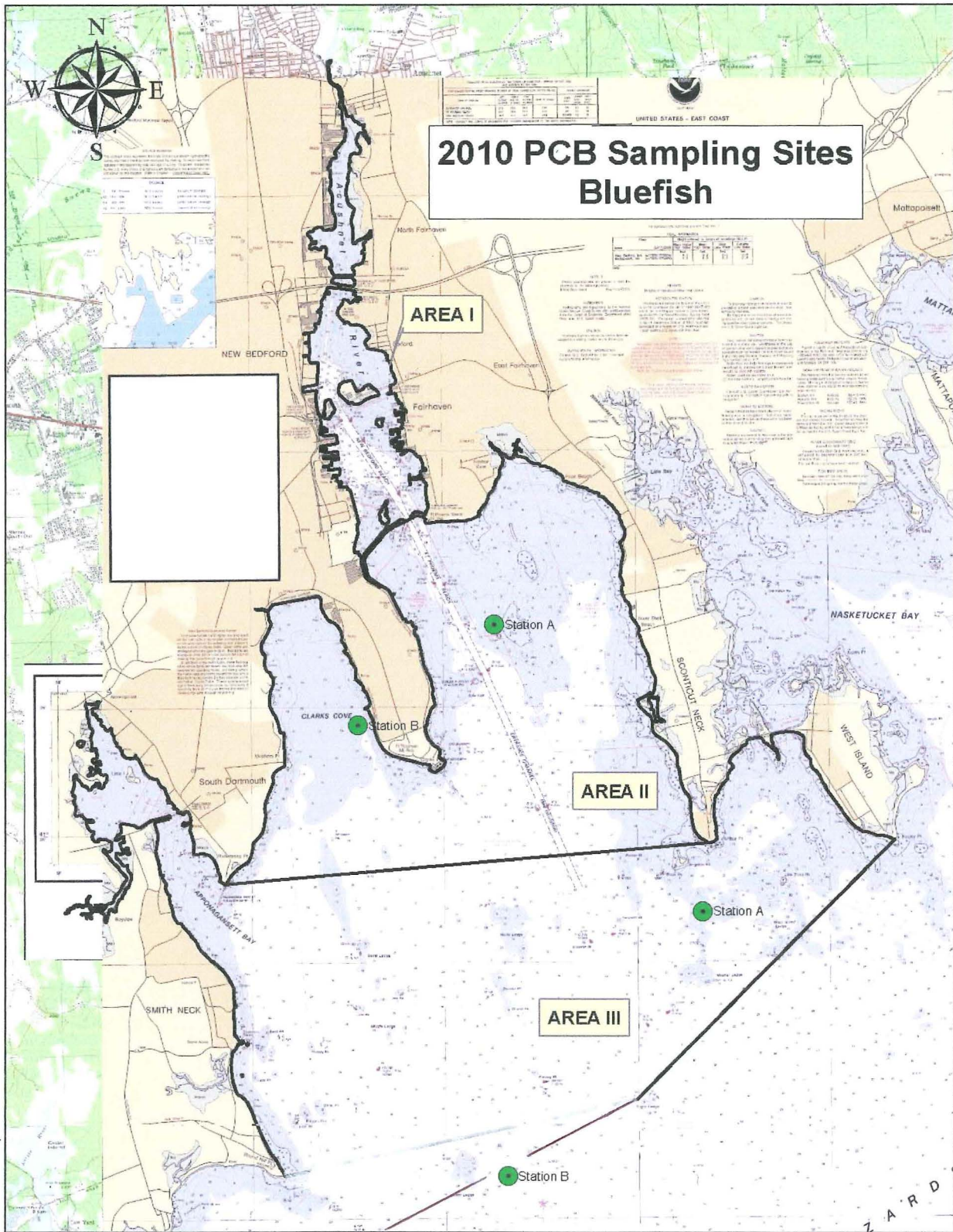


Figure 4 Bluefish Area II & III

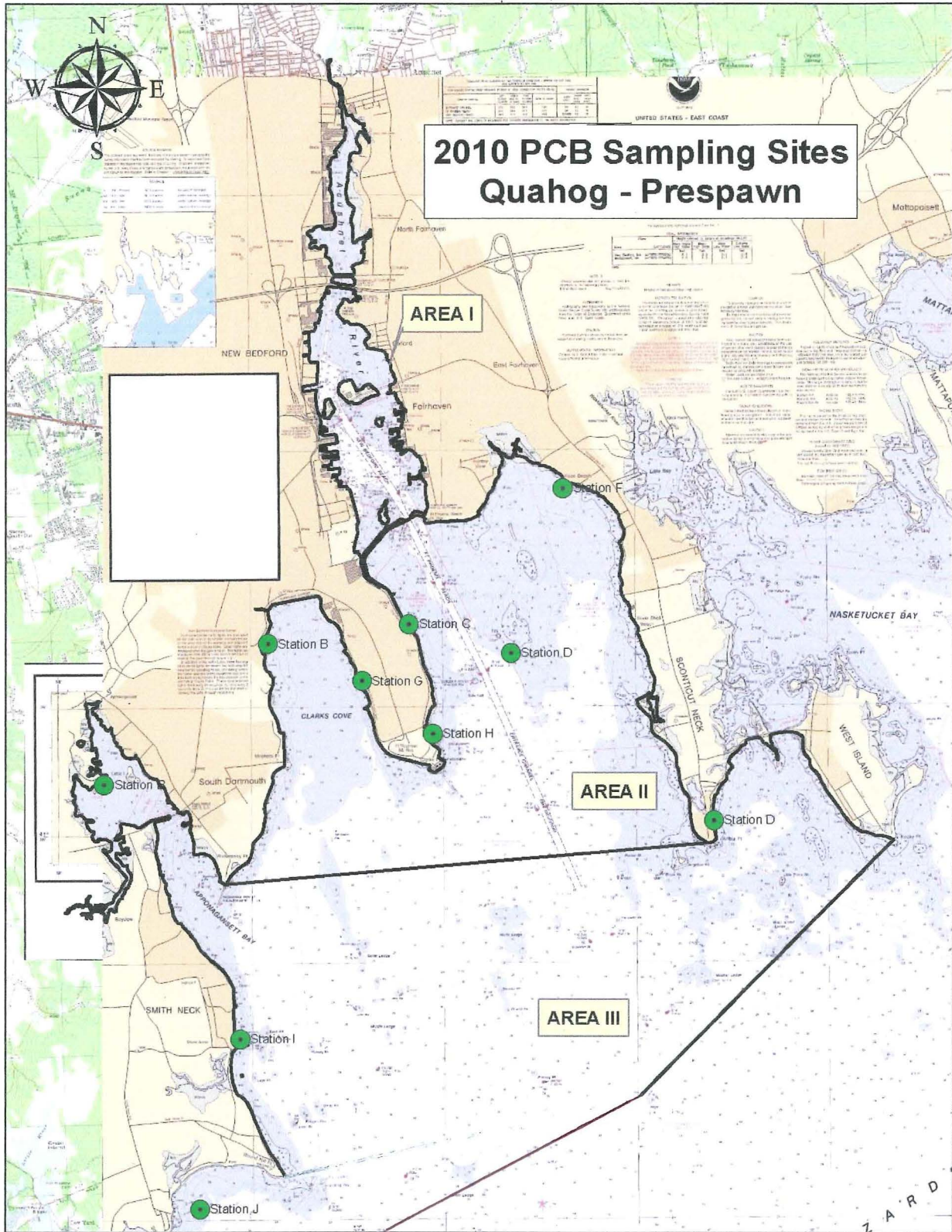


Figure 6 Quahog (Pre-spawn) Area II, & III

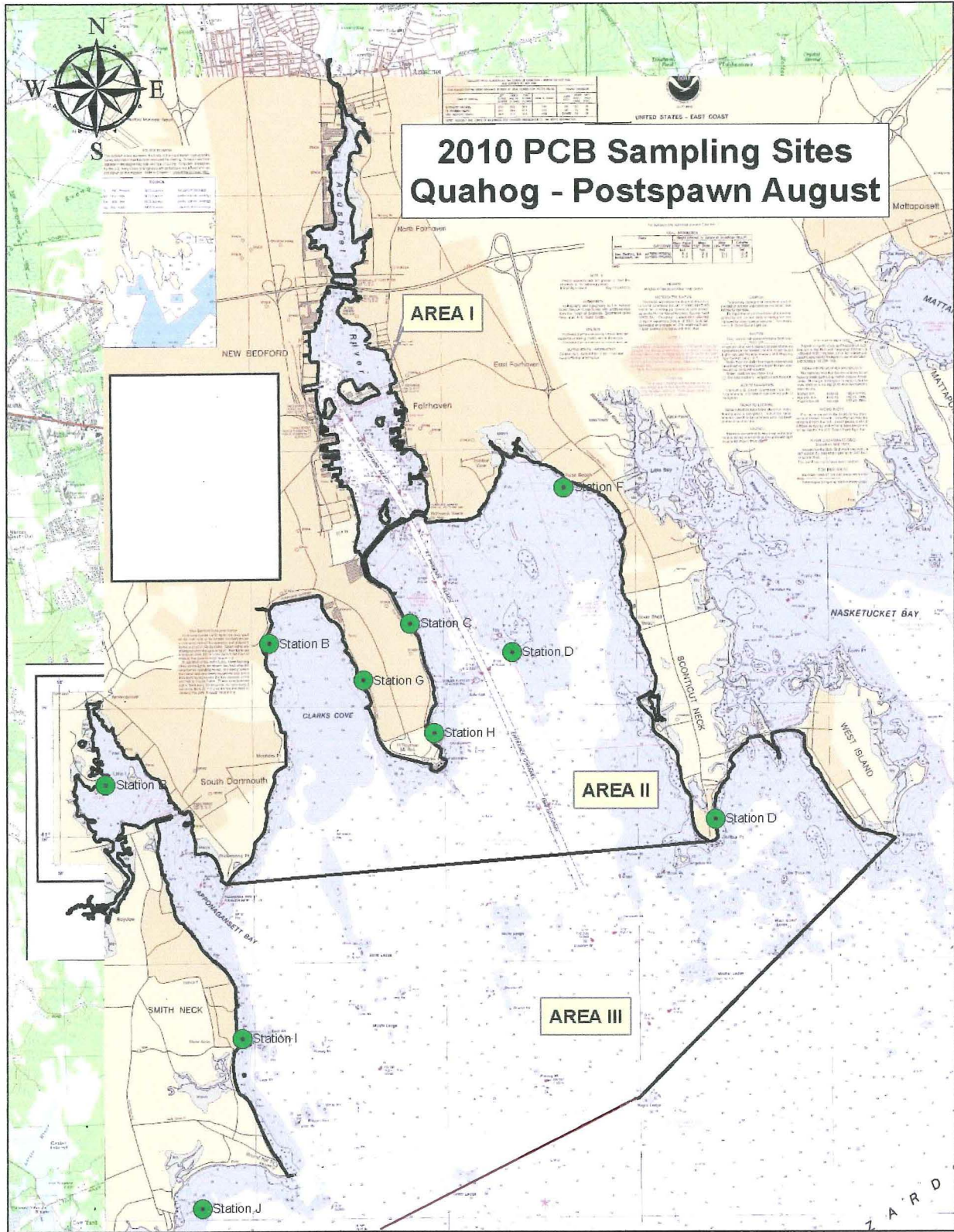


Figure 7 Quahog (Post-spawn August) Area II, & III

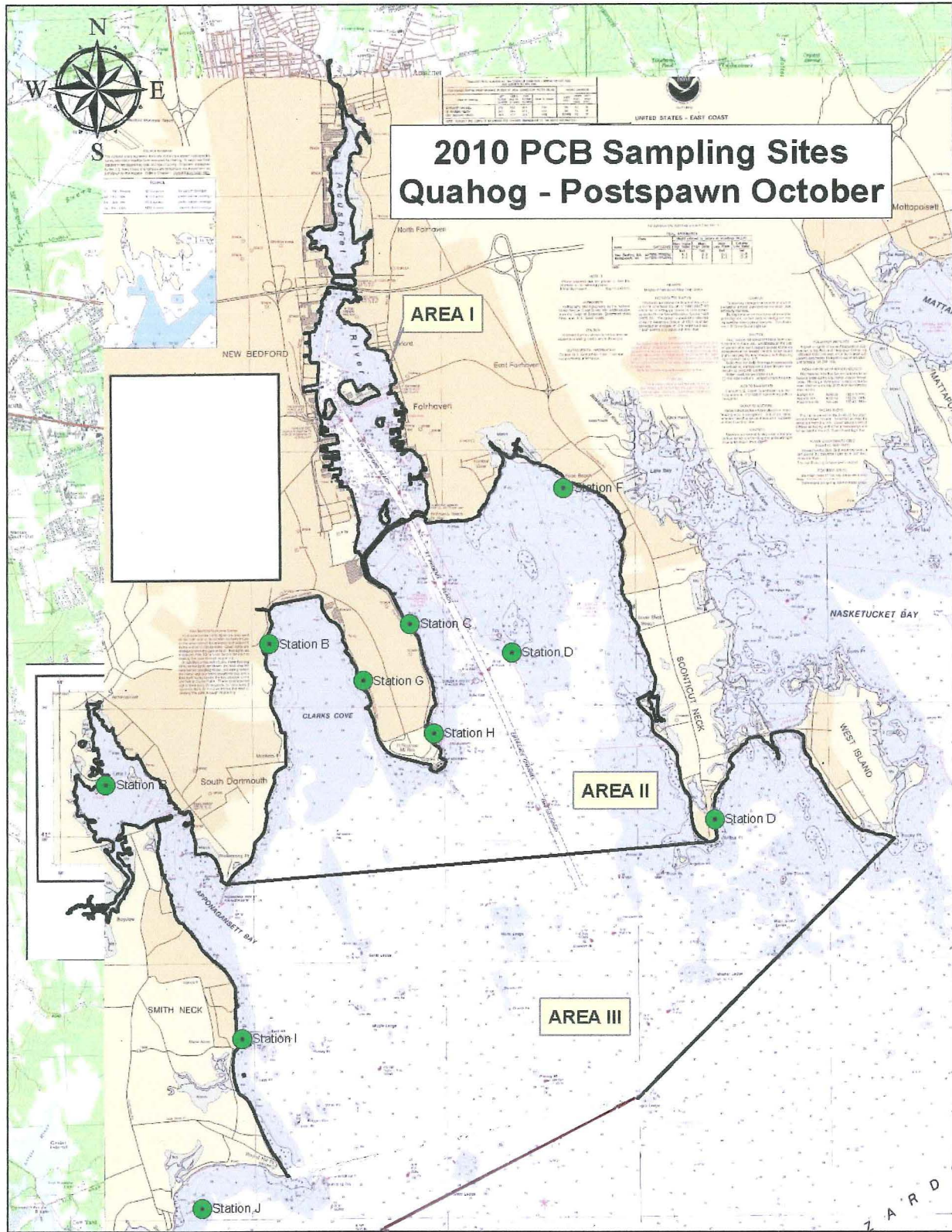


Figure 8 Quahog (Post-spawn October) Area II, & III

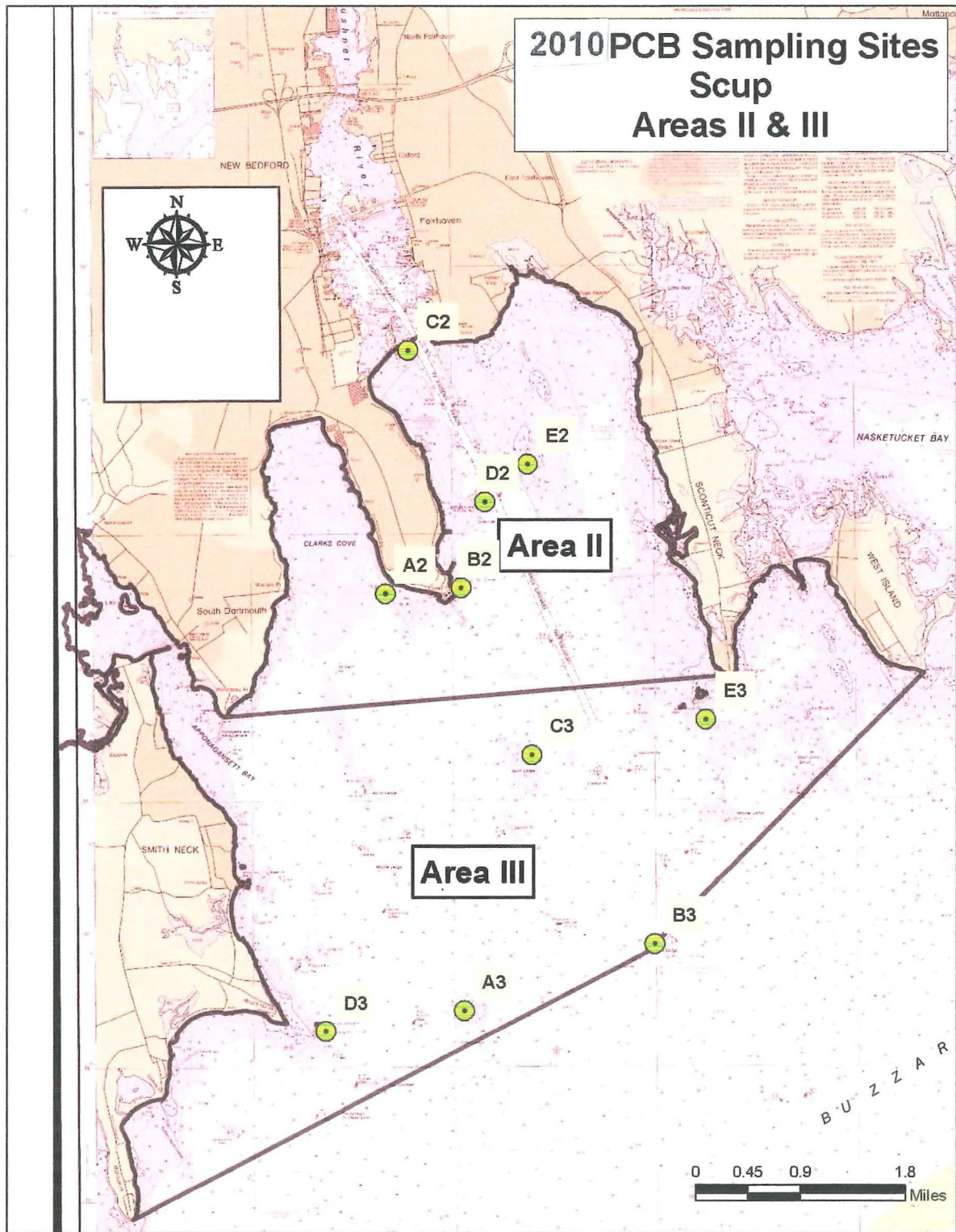


Figure 9 Scup Area II & III

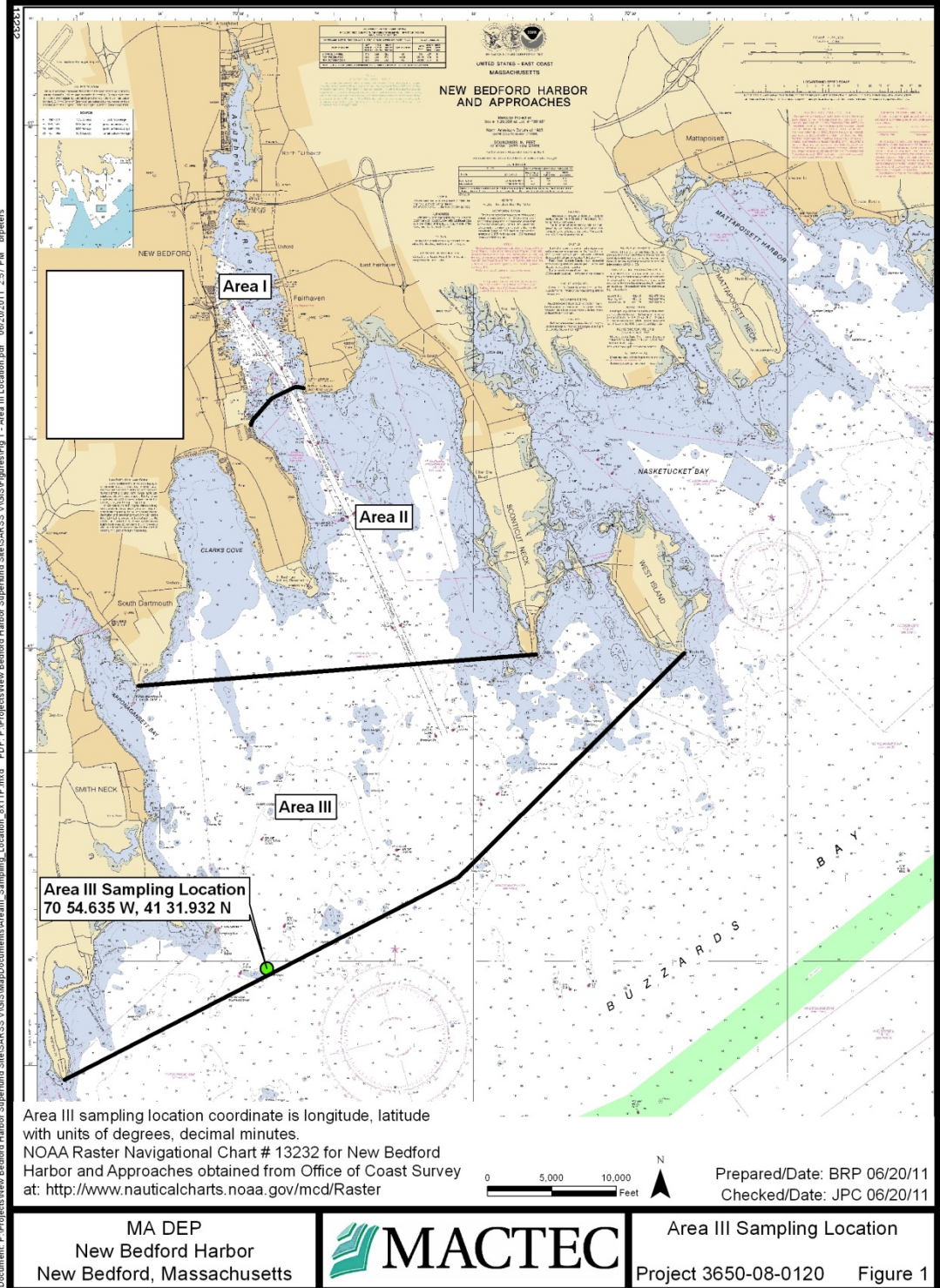


Figure 10 Striped Bass Sample Locations - Area III

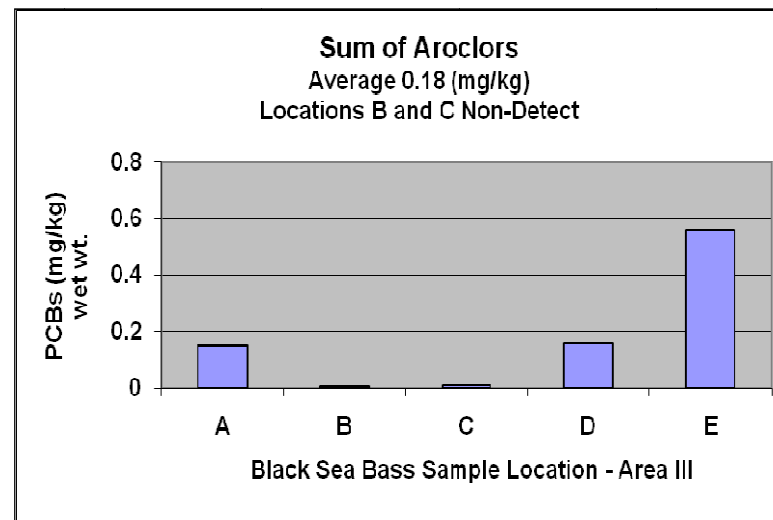
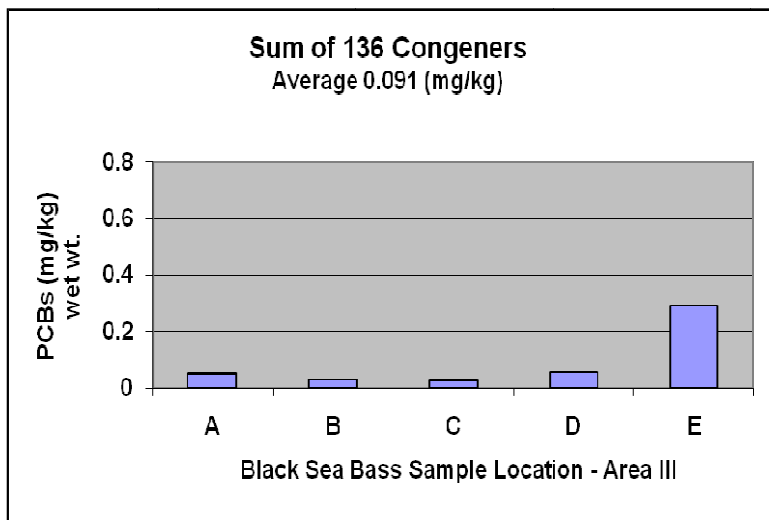
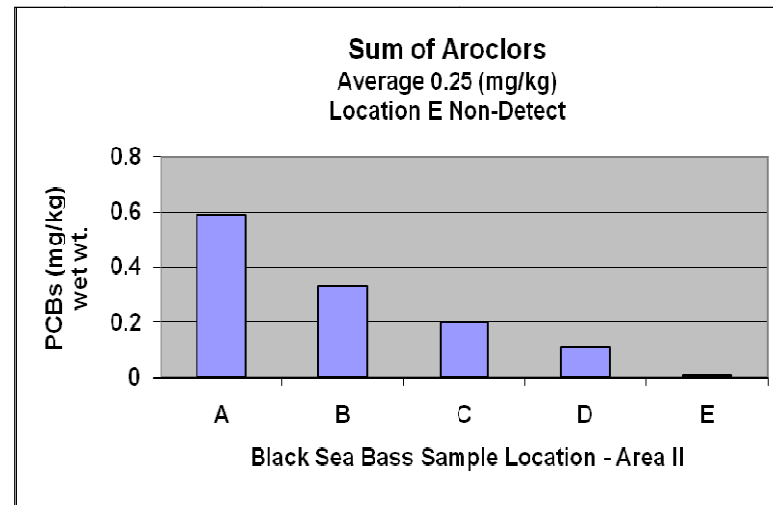
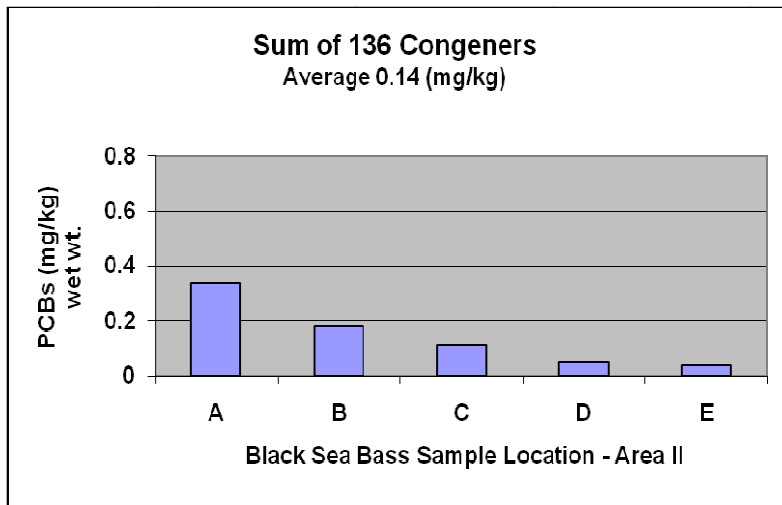


Figure 11 PCBs Concentrations in Black Sea Bass 2010

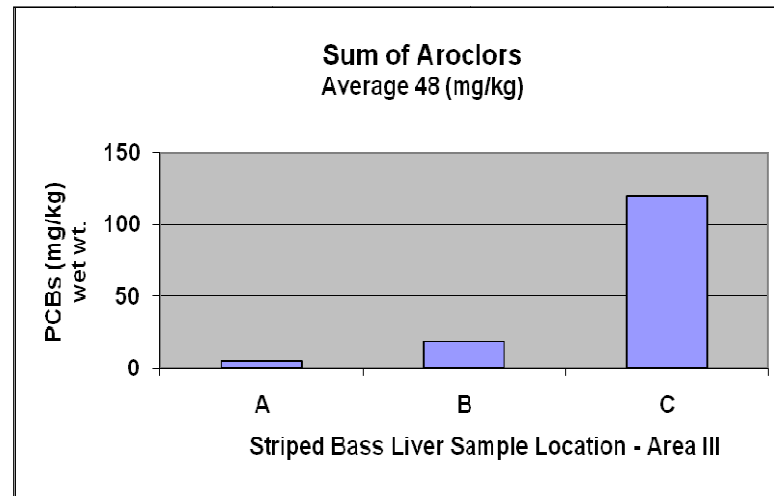
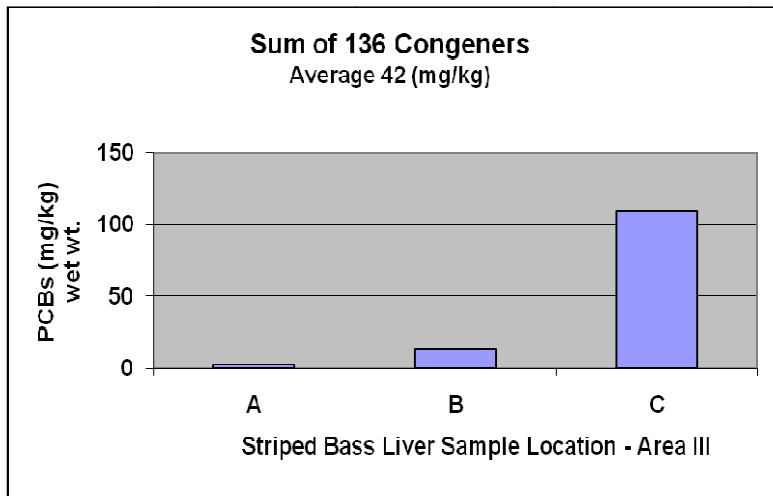
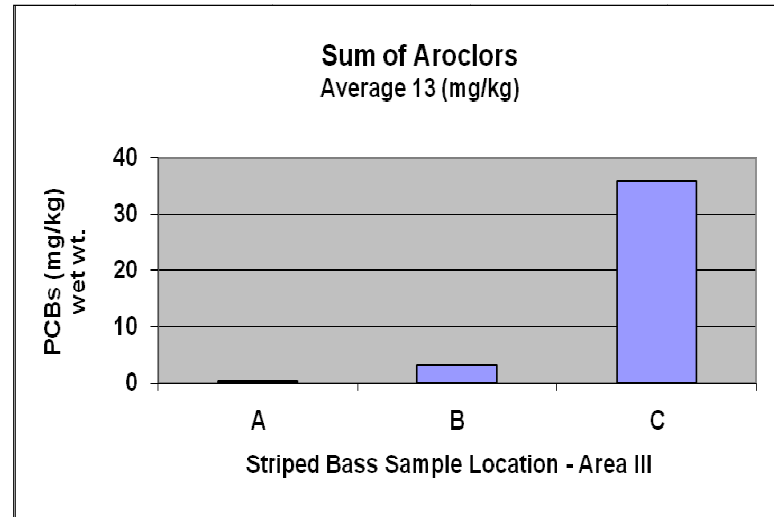
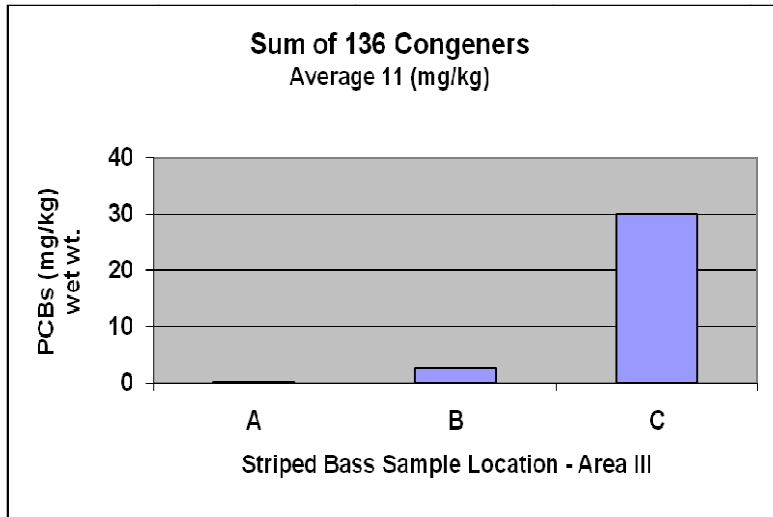


Figure 12 PCBs Concentrations in Striped Bass 2010

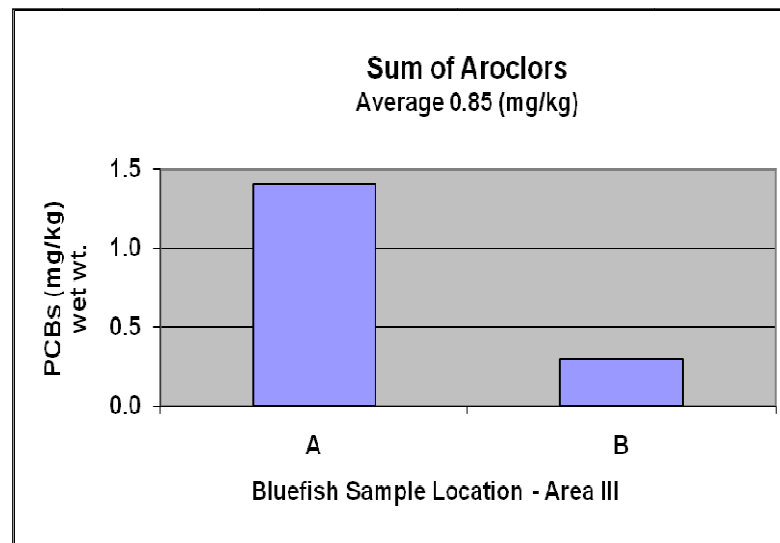
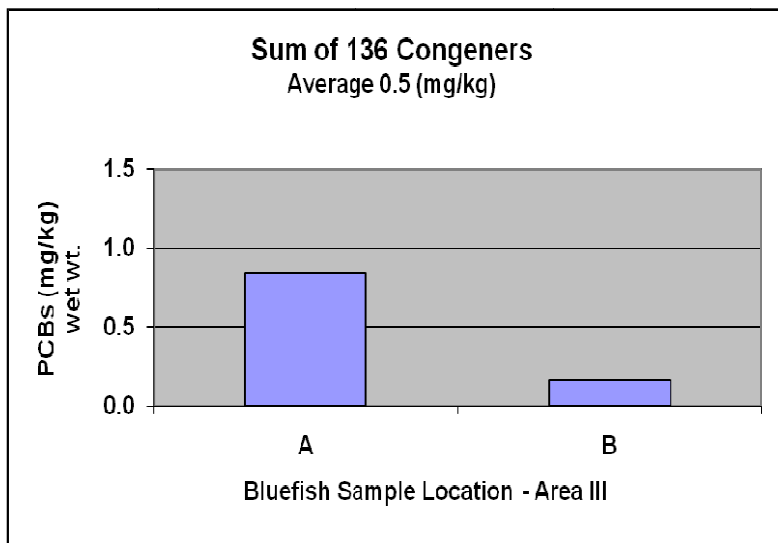
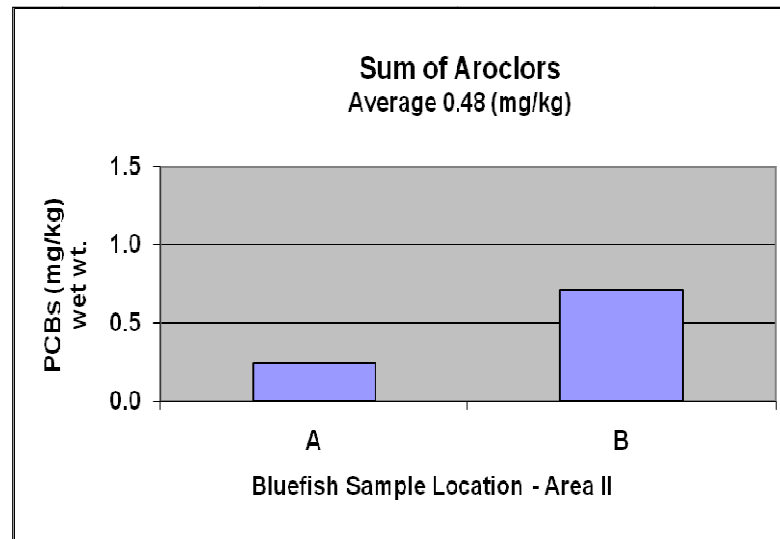
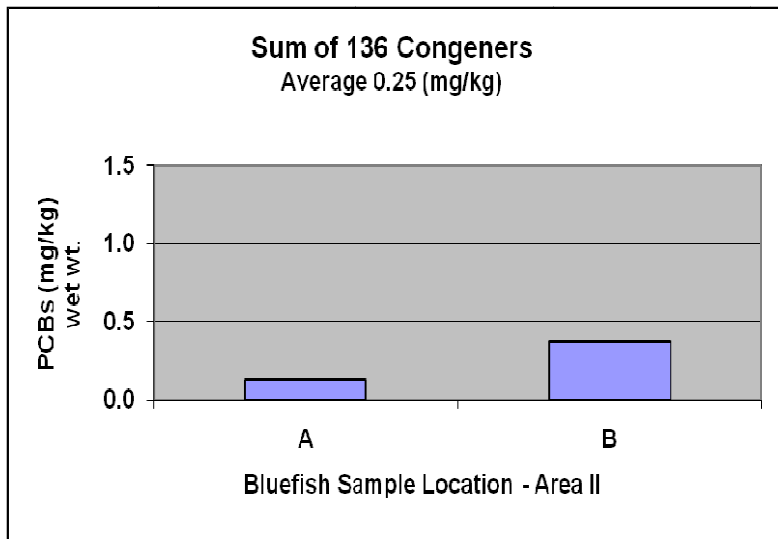


Figure 13 PCBs Concentrations in Bluefish 2010

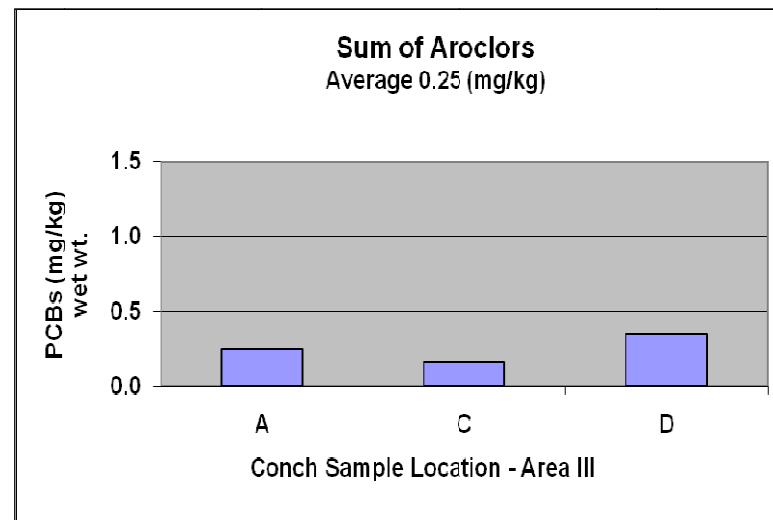
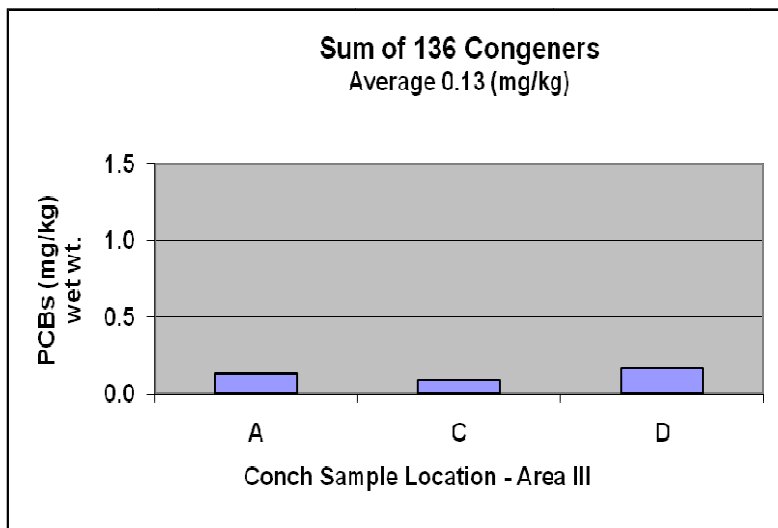
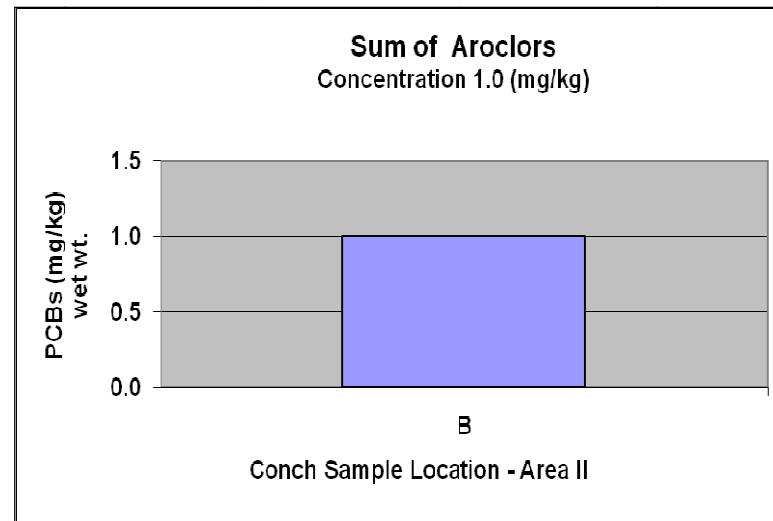
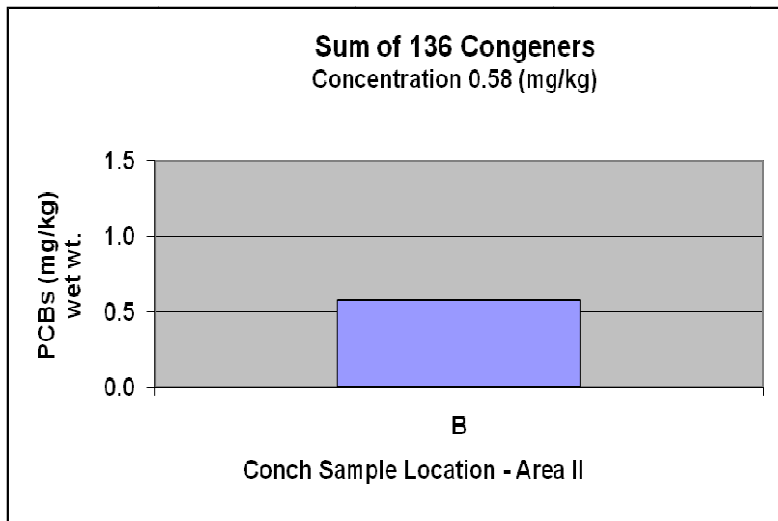


Figure 14 PCBs Concentrations in Conch (Channeled & Knobbed Whelks) 2010

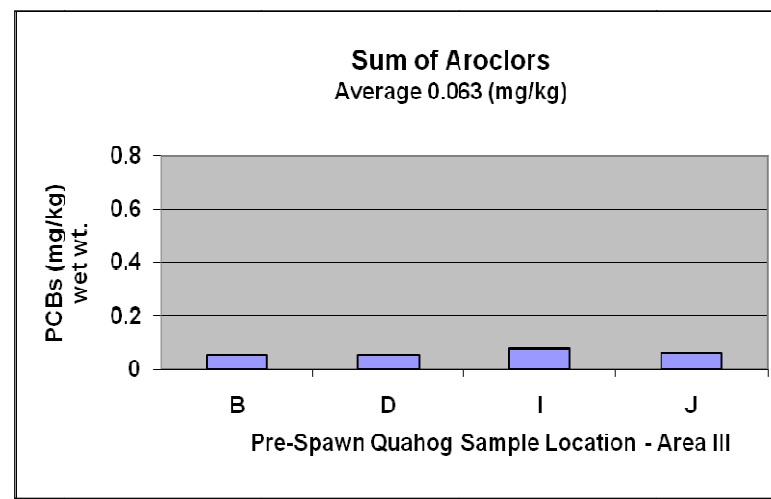
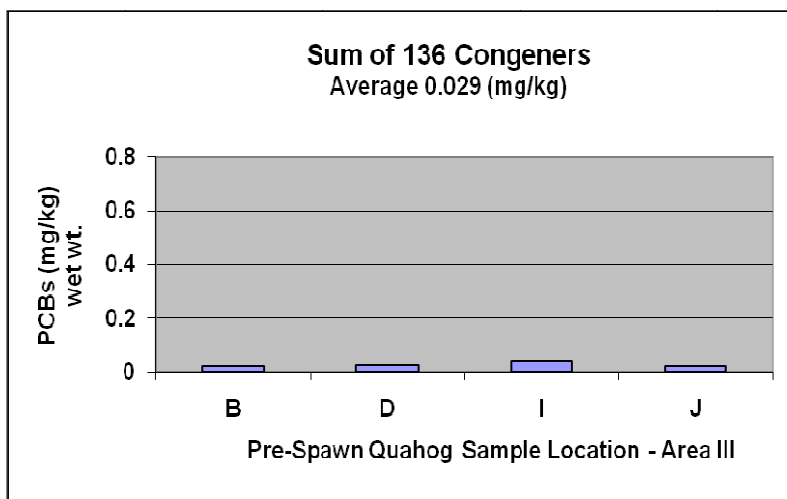
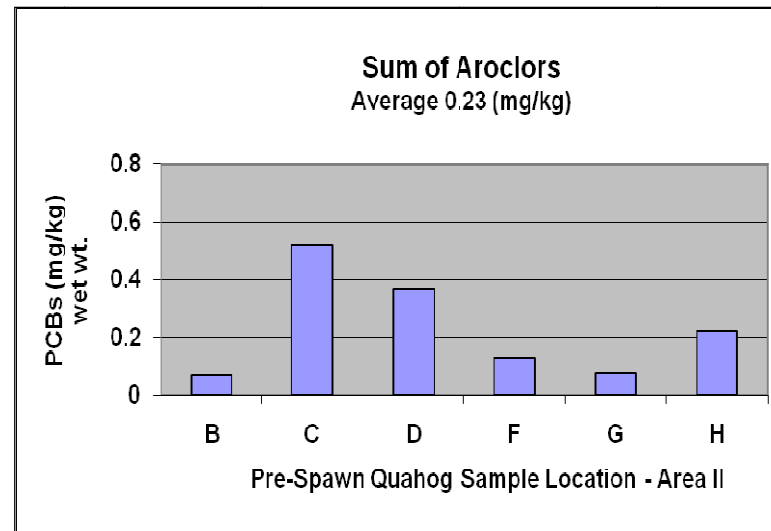
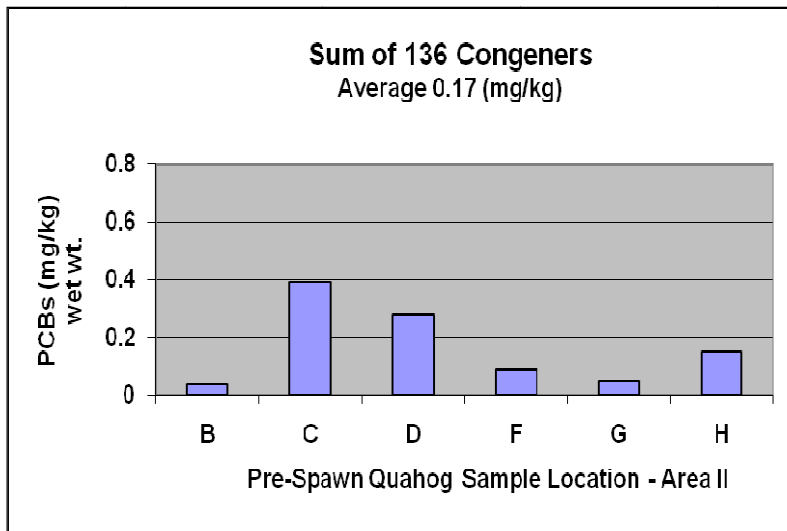


Figure 15 PCBs Concentrations in Quahog (Pre-Spawn) 2010

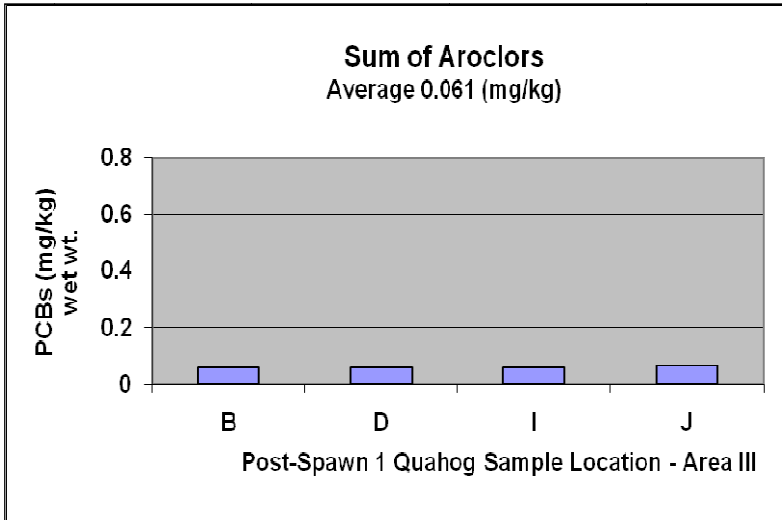
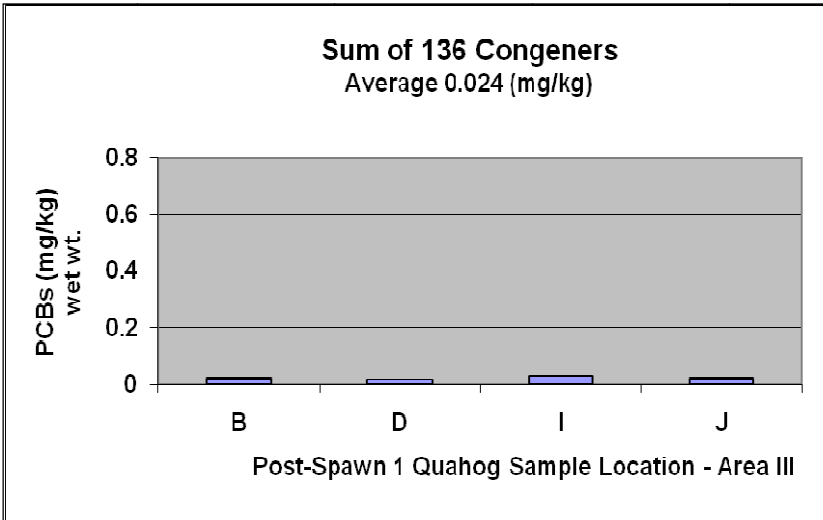
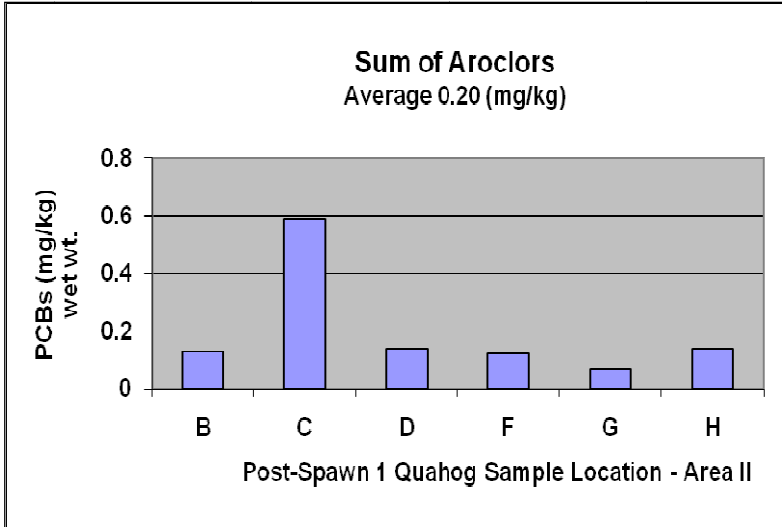
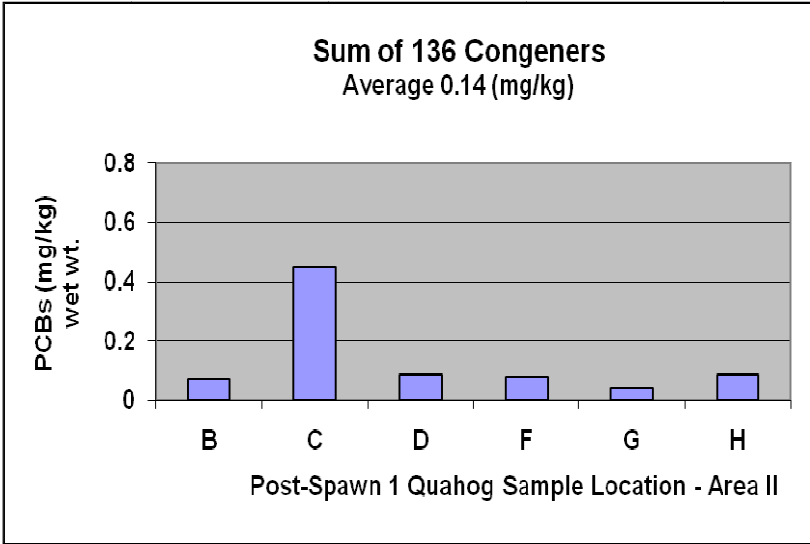


Figure 16 PCBs Concentrations in Quahog (Post-Spawn 1) 2010

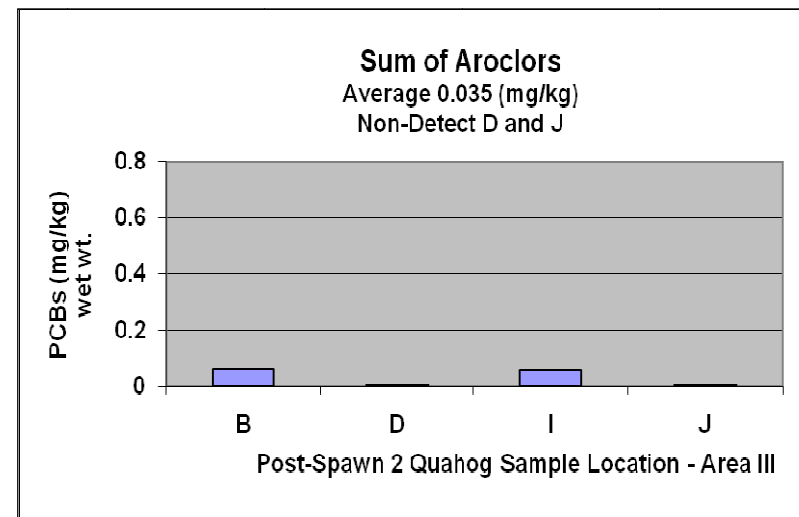
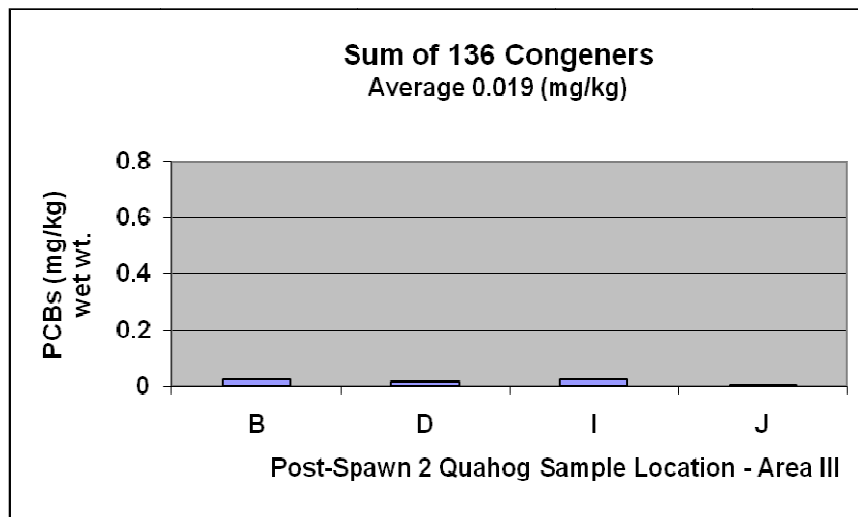
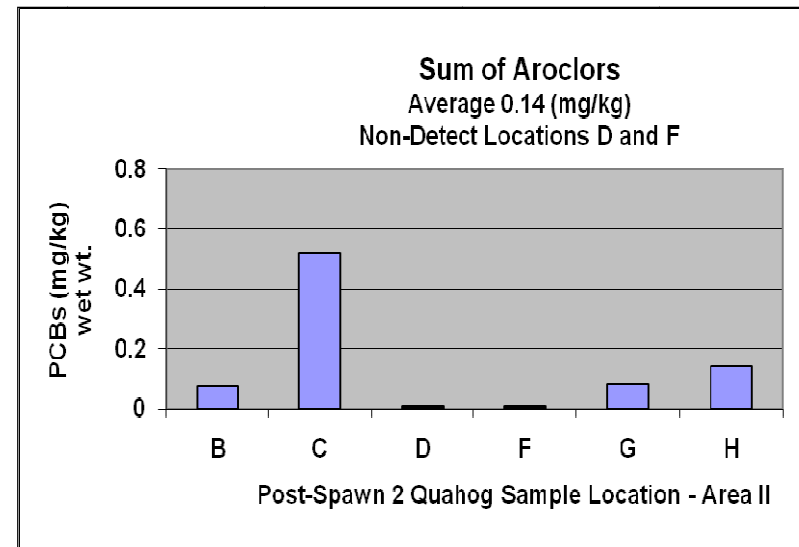
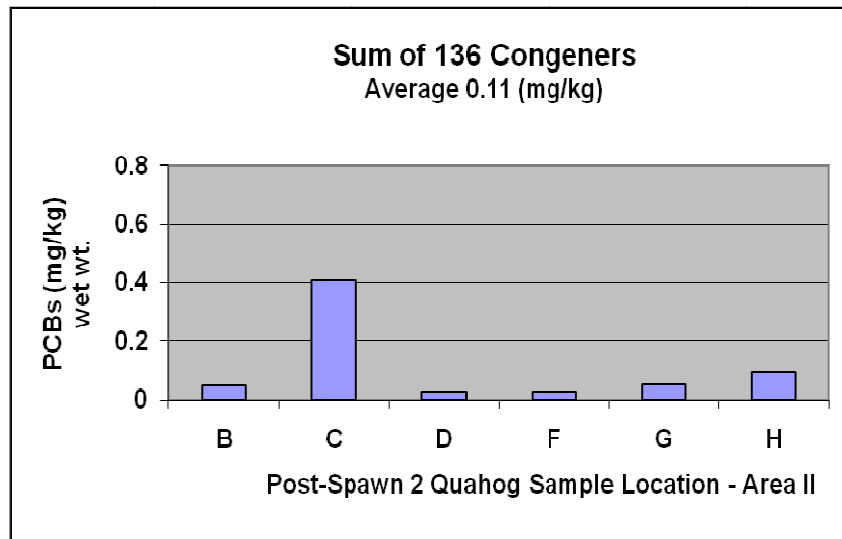


Figure 17 PCBs Concentrations in Quahog (Post-Spawn 2) 2010

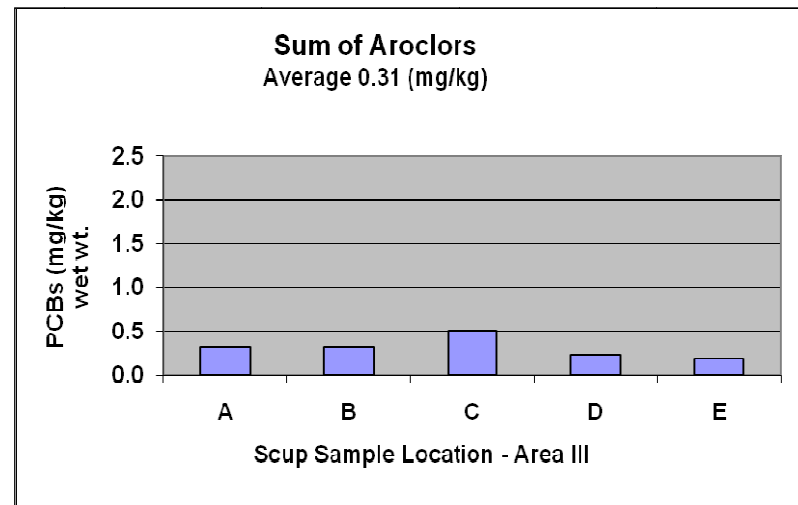
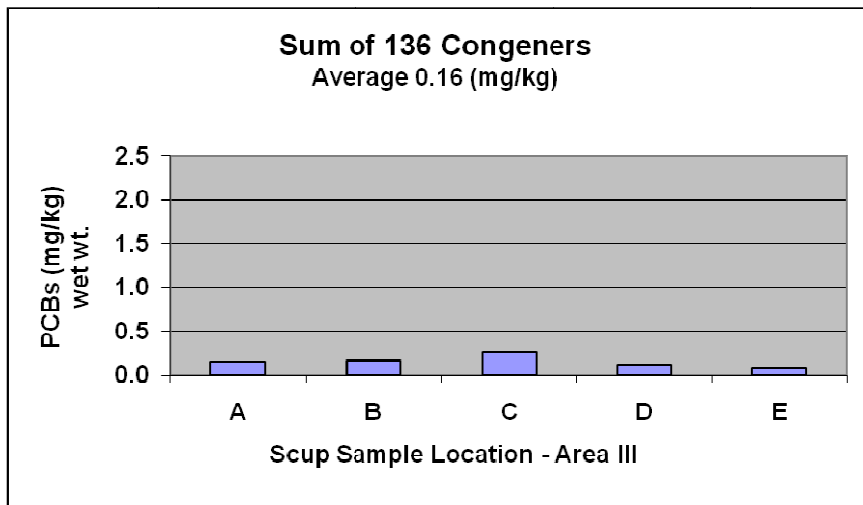
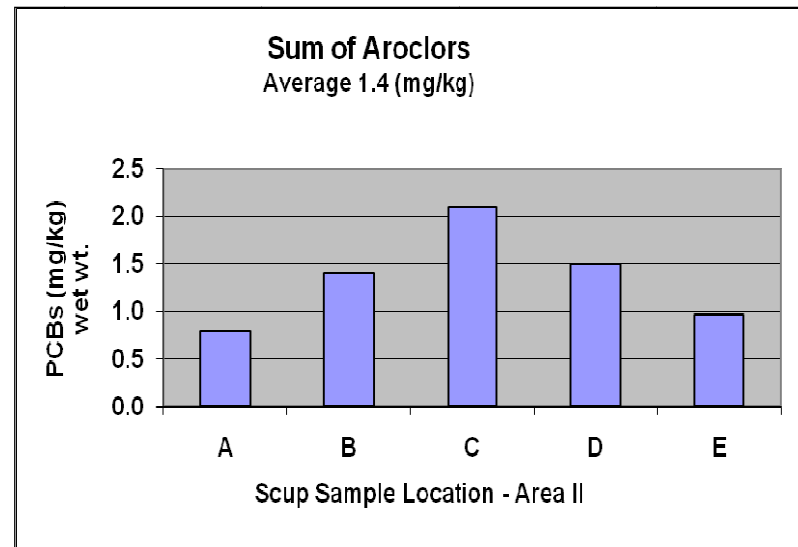
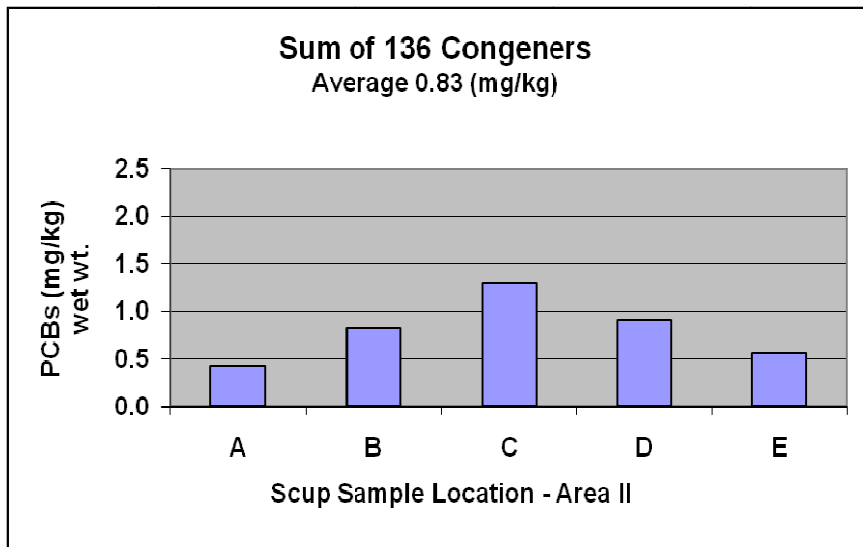


Figure 18 PCBs Concentrations in Scup 2010

TABLES

Table 1	Summary of Sample Data for Alewife and Scup
Table 2	Summary of Sample Data for Black Sea Bass
Table 3	Summary of Sample Data for Striped Sea Bass
Table 4	Summary of Sample Data for Bluefish
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Table 9	Comparison of Pre-Spawn and Post Spawn Quahog

Notes and Footnotes for Tables:

¹ = summation of 136 PCB congener results (1/2 Sample Quantitation Limit [SQL] used for non-detected results)

² = summation of detected 136 PCB congeners

³ = summation of 18 NOAA PCB congener results (1/2 SQL used for non-detected results)

⁴ = summation of 12 WHO PCB congener results (1/2 SQL used for non-detected results)

⁵ = summation of 18 NOAA & 12 WHO PCB congener results (1/2 SQL used for non-detected results); duplicative congeners (BZ# 105, #118, #167/128) subtracted from total for one data set

⁶ = summation of 4 Aroclor results (1/2 SQL used for non-detected results); if all Aroclor results are not detected, then total value represents SQL for each individual Aroclor

U = not detected; value represents SQL

J1 = concentration of detected congeners contributes < 50% of total congener result

J2 = concentration of detected congeners contributes 50% to 90% of total congener result

J3 = concentration of detected congeners contributes 90% to 99% of total congener result

J4 = concentration of detected congeners contributes > 99% of total congener result

Results reported in milligrams per kilogram (mg/kg) wet weight, unless otherwise noted.
PCB Congeners and Aroclors analyzed by GC/MS-SIM.

Table 1 Summary of Sample Data for Alewife and Scup (mg/kg, wet weight) 2010

		Parameter	Lipids	Total PCB Congeners ¹		Total PCB Congeners Hits ²		Total NOAA Congeners ³		Total WHO Congeners ⁴		Total NOAA/WHO Combined ⁵		Total Aroclor ⁶	
		Units	PERCENT	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Species	Area	Station													
Alewife	I	C	2.6	0.18	J3	0.17	0.079	J4	0.010	J2	0.082	J3	0.22	J3	
Scup	II	A	0.76	0.44	J3	0.43	0.27	J4	0.072	J3	0.28	J4	0.80	J3	
Scup	II	B	0.34	0.84	J3	0.83	0.49	J4	0.13	J4	0.50	J4	1.4	J3	
Scup	II	C	1.0	1.4	J4	1.3	0.81	J4	0.23	J4	0.83	J4	2.1	J3	
Scup	II	D	0.40	0.91	J4	0.91	0.54	J4	0.15	J4	0.56	J4	1.5	J3	
Scup	II	E	0.38	0.58	J3	0.57	0.34	J4	0.092	J4	0.35	J4	0.97	J3	
		Average	0.58	0.83		0.81	0.49	J4	0.13		0.50	J4	1.4	J3	
Scup	III	A	0.64	0.17	J2	0.15	0.10	J4	0.026	J3	0.11	J3	0.32	J3	
Scup	III	B	0.58	0.18	J3	0.16	0.10	J4	0.027	J3	0.11	J3	0.32	J3	
Scup	III	C	0.41	0.29	J3	0.27	0.17	J4	0.046	J3	0.17	J4	0.51	J3	
Scup	III	D	0.62	0.14	J2	0.12	0.073	J4	0.019	J3	0.076	J3	0.23	J2	
Scup	III	E	0.22	0.10	J2	0.086	0.056	J3	0.016	J2	0.059	J3	0.18	J2	
		Average	0.49	0.18		0.16	0.10		0.027		0.11		0.31		

Table 2 Summary of Sample Data for Black Sea Bass (mg/kg, wet weight) 2010

	Parameter	Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total NOAA / WHO Combined ⁵	Total Aroclor ⁶
	Units	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Area	Station							
II	A	0.51	0.35 J3	0.34	0.21 J4	0.065 J3	0.22 J4	0.59 J3
II	B	1.7	0.19 J3	0.18	0.099 J4	0.022 J3	0.10 J3	0.33 J3
II	C	0.75	0.12 J2	0.11	0.059 J3	0.014 J2	0.061 J3	0.20 J3
II	D	0.51	0.070 J2	0.051	0.030 J3	0.0083 J2	0.033 J3	0.11 J2
II	E	0.59	0.057 J2	0.036	0.023 J3	0.0067 J2	0.025 J2	0.0093 U
	Average	0.81	0.16	0.14	0.084	0.023	0.088	0.25
III	A	0.56	0.073 J2	0.052	0.037 J3	0.011 J2	0.039 J3	0.15 J2
III	B	0.49	0.052 J2	0.029	0.022 J3	0.0063 J2	0.024 J2	0.0094 U
III	C	0.42	0.051 J2	0.026	0.021 J2	0.0068 J2	0.023 J2	0.0096 U
III	D	0.65	0.076 J2	0.057	0.039 J3	0.011 J2	0.042 J3	0.16 J2
III	E	0.59	0.30 J3	0.29	0.19 J4	0.052 J3	0.19 J4	0.56 J3
	Average	0.54	0.11	0.091	0.062	0.017	0.064	0.18

Table 4 Summary of Sample Data for Bluefish (mg/kg, wet weight) 2010

	Parameter	Lipids	Total PCB Congeners ¹		Total PCB Congeners Hits ²	Total NOAA Congeners ³		Total WHO Congeners ⁴		Total NOAA/WHO Combined ⁵	Total Aroclor ⁶		
	Units	PERCENT	MG/KG		MG/KG	MG/KG		MG/KG		MG/KG	MG/KG		
Area	Station												
II	A	1.6	0.14	J3	0.13	0.063	J3	0.013	J2	0.065	J3	0.24	J3
II	B	3.0	0.38	J3	0.37	0.20	J4	0.044	J3	0.21	J4	0.71	J3
	Average	2.3	0.26	J3	0.25	0.13		0.029		0.14		0.48	J3
III	A	1.4	0.85	J4	0.84	0.39	J4	0.068	J3	0.40	J4	1.4	J4
III	B	1.4	0.17	J3	0.16	0.087	J4	0.018	J3	0.091	J3	0.30	J3
	Average	1.4	0.51		0.50	0.24	J4	0.043	J3	0.25		0.85	

Table 5 Summary of Sample Data for Conch(Channel and Knob Whelk) (mg/kg, wet weight) 2010

	Parameter	Lipids		Total PCB Congeners ¹		Total PCB Congeners Hits ²		Total NOAA Congeners ³		Total WHO Congeners ⁴		Total NOAA / WHO Combined ⁵		Total Aroclor ⁶	
	Units	PERCENT		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Area	Station														
II	B	0.40		0.60	J3	0.58		0.30	J4	0.067	J3	0.31	J4	1.0	J4
III	A	0.60		0.14	J2	0.13		0.070	J3	0.014	J2	0.072	J3	0.25	J3
III	C	0.31		0.11	J2	0.091		0.050	J3	0.011	J2	0.052	J3	0.16	J2
III	D	0.34		0.19	J3	0.17		0.097	J4	0.024	J3	0.10	J3	0.35	J3
	Average	0.42		0.15		0.13		0.072		0.016		0.075	J3	0.25	

Table 6 Summary of Sample Data for Pre-Spawn Quahog (mg/kg, wet weight) 2010

	Parameter	Lipids		Total PCB Congeners ¹		Total PCB Congeners Hits ²		Total NOAA Congeners ³		Total WHO Congeners ⁴		Total NOAA / WHO Combined ⁵		Total Aroclor ⁶	
	Units	PERCENT		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Area	Station														
II	B	0.25		0.057	J2	0.037		0.020	J3	0.0053	J2	0.022	J2	0.069	J2
II	C	0.33		0.40	J3	0.39		0.17	J4	0.026	J3	0.17	J4	0.52	J3
II	D	0.50		0.29	J3	0.28		0.12	J4	0.017	J3	0.12	J3	0.37	J3
II	F	0.38		0.10	J2	0.087		0.040	J3	0.0068	J2	0.042	J3	0.13	J2
II	G	0.32		0.068	J2	0.051		0.025	J3	0.0061	J2	0.028	J2	0.078	J2
II	H	0.41		0.16	J3	0.15		0.068	J3	0.011	J2	0.071	J3	0.22	J3
	Average	0.37		0.18		0.17		0.074		0.012		0.076		0.23	
III	B	0.35		0.047	J2	0.024		0.015	J2	0.0044	J1	0.017	J2	0.054	J2
III	D	0.33		0.050	J2	0.027		0.016	J2	0.0044	J1	0.018	J2	0.057	J2
III	I	0.65		0.064	J2	0.045		0.023	J3	0.0057	J2	0.025	J2	0.076	J2
III	J	0.29		0.046	J1	0.021		0.014	J2	0.0041	J1	0.016	J2	0.063	J2
	Average	0.41		0.052		0.029		0.017		0.0047		0.019	J2	0.063	J2

Table 7 Summary of Sample Data for Post-Spawn 1 Quahog (mg/kg, wet weight) 2010

	Parameter	Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total NOAA / WHO Combined ⁵	Total Aroclor ⁶
	Units	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Area	Station							
II	B	0.25	0.091 J2	0.074	0.036 J3	0.013 J2	0.042 J3	0.13 J2
II	C	0.34	0.46 J3	0.45	0.20 J4	0.033 J3	0.20 J4	0.59 J3
II	D	0.17	0.10 J2	0.090	0.042 J3	0.0084 J2	0.044 J3	0.14 J2
II	F	0.39	0.096 J2	0.080	0.037 J3	0.0073 J2	0.039 J3	0.12 J2
II	G	0.14	0.058 J2	0.040	0.021 J3	0.0058 J2	0.023 J2	0.069 J2
II	H	0.18	0.10 J2	0.089	0.042 J3	0.0085 J2	0.044 J3	0.14 J2
	Average	0.25	0.15	0.14	0.063	0.013	0.065	0.20
III	B	0.24	0.044 J2	0.023	0.014 J2	0.0044 J2	0.016 J2	0.058 J2
III	D	0.50	0.042 J1	0.019	0.013 J2	0.0040 J1	0.015 J2	0.059 J2
III	I	0.18	0.052 J2	0.031	0.017 J2	0.0045 J1	0.019 J2	0.059 J2
III	J	0.28	0.044 J1	0.021	0.014 J2	0.0042 J1	0.016 J2	0.067 J2
	Average	0.30	0.046	0.024	0.015	0.0043	0.017	0.061

Table 8 Summary of Sample Data for Post-Spawn 2 Quahog (mg/kg, wet weight) 2010

	Parameter	Lipids	Total PCB Congeners ¹	Total PCB Congeners Hits ²	Total NOAA Congeners ³	Total WHO Congeners ⁴	Total NOAA / WHO Combined ⁵	Total Aroclor ⁶
	Units	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Area	Station							
II	B	0.26	0.067 J2	0.048	0.025 J3	0.0059 J2	0.027 J2	0.075 J2
II	C	0.30	0.41 J3	0.41	0.18 J4	0.024 J3	0.18 J4	0.52 J3
II	D	0.18	0.048 J2	0.025	0.015 J2	0.0040 J1	0.017 J2	0.0091 U
II	F	0.22	0.049 J2	0.025	0.015 J2	0.0038 J1	0.017 J2	0.0093 U
II	G	0.43	0.071 J2	0.053	0.027 J3	0.0061 J2	0.029 J2	0.080 J2
II	H	0.25	0.11 J2	0.097	0.041 J3	0.0071 J2	0.043 J3	0.14 J2
	Average	0.27	0.13	0.11	0.051	0.008	0.052	0.14
III	B	0.47	0.048 J2	0.025	0.016 J2	0.0046 J1	0.018 J2	0.062 J2
III	D	0.44	0.043 J1	0.019	0.013 J2	0.0040 J1	0.015 J2	0.0091 U
III	I	0.28	0.049 J2	0.027	0.016 J2	0.0044 J1	0.018 J2	0.061 J2
III	J	0.28	0.031 J1	0.0041	0.0062 J1	0.0030 J1	0.0082 J1	0.0088 U
	Average	0.37	0.043	0.019	0.013	0.0040	0.015	0.035

Table 9 Comparison of Pre-Spawn and Post Spawn Quahog 2010

Area	Station	Lipids					Total PCB Congeners ¹ (mg/kg)					Total PCB Congeners Hits ² (mg/kg)				
		Pre	Post 1	Post 2	Post 1/Pre Ratio, as%	Post 2/Pre Ratio, as%	Pre	Post 1	Post 2	Post 1/Pre Ratio, as%	Post 2/Pre Ratio, as%	Pre	Post 1	Post 2	Post 1/Pre Ratio, as%	Post 2/Pre Ratio, as%
II	B	0.25	0.25	0.26			0.057	0.091	0.067	159	118	0.069	0.13	0.075	188	109
II	C	0.33	0.34	0.30			0.40	0.46	0.41	114	103	0.52	0.59	0.52	113	100
II	D	0.50	0.17	0.18			0.29	0.10	0.048	36	17	0.37	0.14	0.0091	38	
II	F	0.38	0.39	0.22			0.10	0.096	0.049	96	49	0.13	0.12	0.0093	92	
II	G	0.32	0.14	0.43			0.068	0.058	0.071	86	104	0.078	0.069	0.080	88	103
II	H	0.41	0.18	0.25			0.16	0.10	0.11	65	69	0.22	0.14	0.14	64	64
III	B	0.35	0.24	0.47			0.047	0.044	0.048	94	102	0.054	0.058	0.062	107	115
III	D	0.33	0.50	0.44			0.050	0.042	0.043	84	86	0.057	0.059	0.0091	104	
III	I	0.65	0.18	0.28			0.064	0.052	0.049	81	77	0.076	0.059	0.061	78	80
III	J	0.29	0.28	0.28			0.046	0.044	0.031	96	67	0.063	0.067	0.0088	106	
Average for 2 Areas		0.38	0.27	0.31	70	82				91	79				98	95

Notes: For the PCBs concentrations, the post-spawn was divided by the pre-spawn and multiplied by 100 to obtain a percentage of the pre-spawn. Less than 100% means that the pre-spawn was higher than the post-spawn results. More than 100% means that the post-spawn was higher than the pre-spawn results.

For the Lipid concentrations, the 10 post-spawn samples were averaged; the 10 pre-spawn samples were averaged; and then the Post was divided by the Pre and then multiplied by 100 to obtain a percentage of the pre-spawn.

Appendices

Appendix A Laboratory Data

Appendix B Data Validation Summary, MassDEP, NBH Seafood Contaminant Survey
Monitoring 2010 Sampling

Appendix C Seafood Monitoring - Field Sampling Activities for the NBH Superfund Site 2010
Annual Report

Appendix D Seafood Monitoring – Striped Bass Field Sampling Activities for the NBH
Superfund Site 2010 Annual Report

Appendix A

Laboratory Data

Table 1	Summary of Sample Data for Alewife and Scup
Table 2A	Summary of Sample Data for Black Sea Bass Area II
Table 2B	Summary of Sample Data for Black Sea Bass Area III
Table 3A	Summary of Sample Data for Striped Bass Fillet Area III
Table 3B	Summary of Sample Data for Striped Bass Skin/Scales Area III
Table 3C	Summary of Sample Data for Striped Bass Liver Area III
Table 4	Summary of Sample Data for Bluefish
Table 5	Summary of Sample Data for Conch (Channeled & Knobbed Whelks)
Table 6A	Summary of Sample Data for Quahogs Pre-Spawn Area II
Table 6B	Summary of Sample Data for Quahogs Pre-Spawn Area III
Table 7A	Summary of Sample Data for Quahogs Post-Spawn 1 Area II
Table 7B	Summary of Sample Data for Quahogs Post-Spawn 1 Area III
Table 8A	Summary of Sample Data for Quahogs Post-Spawn 2 Area II
Table 8B	Summary of Sample Data for Quahogs Post-Spawn 2 Area III
Table 9A	Summary of Sample Data for Scup Area II
Table 9B	Summary of Sample Data for Scup Area III

Notes and Footnotes for Tables:

¹ = summation of 136 PCB congener results (1/2 Sample Quantitation Limit [SQL] used for non-detected results)

² = summation of detected 136 PCB congeners

³ = summation of 18 NOAA PCB congener results (1/2 SQL used for non-detected results)

⁴ = summation of 12 WHO PCB congener results (1/2 SQL used for non-detected results)

⁵ = summation of 18 NOAA & 12 WHO PCB congener results (1/2 SQL used for non-detected results); duplicative congeners (BZ# 105, #118, #167/128) subtracted from total for one data set

⁶ = summation of 4 Aroclor results (1/2 SQL used for non-detected results); if all Aroclor results are not detected, then total value represents SQL for each individual Aroclor

U = not detected; value represents SQL

J1 = concentration of detected congeners contributes < 50% of total congener result

J2 = concentration of detected congeners contributes 50% to 90% of total congener result

J3 = concentration of detected congeners contributes 90% to 99% of total congener result

J4 = concentration of detected congeners contributes > 99% of total congener result

Results reported in milligrams per kilogram (mg/kg) wet weight, unless otherwise noted.
PCB Congeners and Aroclors analyzed by GC/MS-SIM.

TABLE 1 - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA I 2010

Sample# Species Area Station Sample Date		NBH10-FF-C-1 Alewife I Station A 3/31/2010	
Parameter	Units		
Lipids	PERCENT	2.6	
Total PCB Congeners ¹	MG/KG	0.18	J3
Total PCB Congeners Hits ²	MG/KG	0.17	
Total NOAA Congeners ³	MG/KG	0.079	J4
Total WHO Congeners ⁴	MG/KG	0.010	J2
Total NOAA / WHO Combined ⁵	MG/KG	0.082	J3
Total Aroclors ⁶	MG/KG	0.22	J3
C11-BZ#1	MG/KG	0.00047	U
C11-BZ#3	MG/KG	0.00047	U
C12-BZ#4/#10	MG/KG	0.0016	
C12-BZ#5/#8	MG/KG	0.0023	
C12-BZ#6	MG/KG	0.0026	
C12-BZ#7	MG/KG	0.00027	J
C12-BZ#12/#13	MG/KG	0.00057	J
C12-BZ#15	MG/KG	0.00076	J
C13-BZ#16/#32	MG/KG	0.0036	
C13-BZ#17	MG/KG	0.0027	
C13-BZ#18	MG/KG	0.0066	J
C13-BZ#19	MG/KG	0.00096	
C13-BZ#21/#33	MG/KG	0.00072	J
C13-BZ#22	MG/KG	0.00084	
C13-BZ#24/#27	MG/KG	0.0015	
C13-BZ#25	MG/KG	0.0052	
C13-BZ#26	MG/KG	0.0091	
C13-BZ#28/#31	MG/KG	0.017	
C13-BZ#29	MG/KG	0.00047	U
C13-BZ#37	MG/KG	0.00029	J
C14-BZ#40	MG/KG	0.00052	
C14-BZ#41/#71	MG/KG	0.0020	
C14-BZ#42	MG/KG	0.0010	
C14-BZ#43/#49	MG/KG	0.011	
C14-BZ#44	MG/KG	0.0030	
C14-BZ#45	MG/KG	0.00042	J
C14-BZ#46	MG/KG	0.00046	J
C14-BZ#47/#48	MG/KG	0.0042	
C14-BZ#50	MG/KG	0.00047	U
C14-BZ#51	MG/KG	0.00080	
C14-BZ#52	MG/KG	0.013	
C14-BZ#53	MG/KG	0.0020	
C14-BZ#54	MG/KG	0.00047	U
C14-BZ#56/#60	MG/KG	0.00078	J
C14-BZ#63	MG/KG	0.00047	U
C14-BZ#64	MG/KG	0.0016	
C14-BZ#66	MG/KG	0.0021	
C14-BZ#70	MG/KG	0.0018	
C14-BZ#74	MG/KG	0.0015	
C14-BZ#76	MG/KG	0.00047	U
C14-BZ#77	MG/KG	0.00047	U
C14-BZ#81	MG/KG	0.00047	U

TABLE 1 - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA I 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-C-1 Alewife I Station A 3/31/2010	
C15-BZ#82	MG/KG	0.00047	U
C15-BZ#83	MG/KG	0.00035	J
C15-BZ#85	MG/KG	0.00047	U
C15-BZ#87	MG/KG	0.0016	
C15-BZ#89	MG/KG	0.00047	U
C15-BZ#91	MG/KG	0.0013	
C15-BZ#92	MG/KG	0.0015	
C15-BZ#95	MG/KG	0.0032	
C15-BZ#97	MG/KG	0.0014	
C15-BZ#99	MG/KG	0.0054	
C15-BZ#100	MG/KG	0.00047	U
C15-BZ#101/#84	MG/KG	0.0075	
C15-BZ#104	MG/KG	0.00047	U
C15-BZ#105	MG/KG	0.0012	
C15-BZ#107	MG/KG	0.00058	
C15-BZ#110	MG/KG	0.0037	
C15-BZ#114	MG/KG	0.00047	U
C15-BZ#118	MG/KG	0.0054	
C15-BZ#119	MG/KG	0.00066	
C15-BZ#123	MG/KG	0.00047	U
C15-BZ#124	MG/KG	0.00047	U
C15-BZ#126	MG/KG	0.00047	U
C16-BZ#129	MG/KG	0.00047	U
C16-BZ#130	MG/KG	0.00046	J
C16-BZ#131	MG/KG	0.00047	U
C16-BZ#132/#168	MG/KG	0.00067	J
C16-BZ#134	MG/KG	0.00056	
C16-BZ#135/#144	MG/KG	0.00077	J
C16-BZ#136	MG/KG	0.00036	J
C16-BZ#137	MG/KG	0.00047	U
C16-BZ#138/#163	MG/KG	0.0064	
C16-BZ#141	MG/KG	0.00047	J
C16-BZ#146	MG/KG	0.0020	
C16-BZ#147	MG/KG	0.00032	J
C16-BZ#149	MG/KG	0.0039	
C16-BZ#151	MG/KG	0.0011	
C16-BZ#153	MG/KG	0.0091	
C16-BZ#154	MG/KG	0.00036	J
C16-BZ#155	MG/KG	0.00047	U
C16-BZ#156	MG/KG	0.00040	J
C16-BZ#157	MG/KG	0.00047	U
C16-BZ#158	MG/KG	0.00052	
C16-BZ#167/#128	MG/KG	0.0012	
C16-BZ#169	MG/KG	0.00047	U
C17-BZ#170/#190	MG/KG	0.00071	J
C17-BZ#171	MG/KG	0.00047	U
C17-BZ#172	MG/KG	0.00047	U
C17-BZ#173	MG/KG	0.00047	U
C17-BZ#174	MG/KG	0.00051	
C17-BZ#175	MG/KG	0.00047	U
C17-BZ#176	MG/KG	0.00047	U
C17-BZ#177	MG/KG	0.00077	

TABLE 1 - SUMMARY OF SAMPLE DATA FOR ALEWIFE (MG/KG WET WEIGHT) AREA I 2010

Parameter	Sample#	Species	Area	Station	Sample Date	Units
					NBH10-FF-C-1	
					Alewife	
					I	
					Station A	
					3/31/2010	
C17-BZ#178						MG/KG 0.00051
C17-BZ#180						MG/KG 0.0015
C17-BZ#182/#187						MG/KG 0.0024
C17-BZ#183						MG/KG 0.00073
C17-BZ#184						MG/KG 0.00047 U
C17-BZ#185						MG/KG 0.00047 U
C17-BZ#188						MG/KG 0.00047 U
C17-BZ#189						MG/KG 0.00047 U
C17-BZ#191						MG/KG 0.00047 U
C17-BZ#193						MG/KG 0.00047 U
C18-BZ#194						MG/KG 0.00033 J
C18-BZ#195						MG/KG 0.00047 U
C18-BZ#196/203						MG/KG 0.00056 J
C18-BZ#197						MG/KG 0.00047 U
C18-BZ#199						MG/KG 0.00047 U
C18-BZ#200						MG/KG 0.00047 U
C18-BZ#201						MG/KG 0.00056
C18-BZ#202						MG/KG 0.00030 J
C18-BZ#205						MG/KG 0.00047 U
C19-BZ#206						MG/KG 0.00030 J
C19-BZ#207						MG/KG 0.00047 U
C19-BZ#208						MG/KG 0.00047 U
C110-BZ#209						MG/KG 0.00036 J
Aroclor-1242						MG/KG 0.019 U
Aroclor-1248						MG/KG 0.094
Aroclor-1254						MG/KG 0.11
Aroclor-1260						MG/KG 0.019 U

TABLE 2A - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2 Black Sea Bass II Station A 6/11/2010		NBH10-FF-B-2-Bass Black Sea Bass II Station B 6/9/2010		NBH10-FF-C-2 Black Sea Bass II Station C 6/9/2010		NBH10-FF-D-2-Bass Black Sea Bass II Station D 6/7/2010		NBH10-FF-E-2-Bass Black Sea Bass II Station E 6/7/2010	
Lipids	PERCENT	0.51		1.7		0.75		0.51		0.59	
Total PCB Congeners ¹	MG/KG	0.35	J3	0.19	J3	0.12	J2	0.070	J2	0.057	J2
Total PCB Congeners Hits ²	MG/KG	0.34		0.18		0.11		0.051		0.036	
Total NOAA Congeners ³	MG/KG	0.21	J4	0.099	J4	0.059	J3	0.030	J3	0.023	J3
Total WHO Congeners ⁴	MG/KG	0.065	J3	0.022	J3	0.014	J2	0.0083	J2	0.0067	J2
Total NOAA / WHO Combined ⁵	MG/KG	0.22	J4	0.10	J3	0.061	J3	0.033	J3	0.025	J2
Total Aroclors ⁶	MG/KG	0.59	J3	0.33	J3	0.20	J3	0.11	J2	0.0093	U
C11-BZ#1	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C11-BZ#3	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C12-BZ#4/#10	MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
C12-BZ#5/#8	MG/KG	0.00091	UJ	0.00047	J	0.00094	UJ	0.00090	UJ	0.00093	UJ
C12-BZ#6	MG/KG	0.00045	UJ	0.00042	J	0.00024	J	0.00045	UJ	0.00046	UJ
C12-BZ#7	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C12-BZ#12/#13	MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
C12-BZ#15	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C13-BZ#16/#32	MG/KG	0.00091	UJ	0.00087	J	0.00070	J	0.00090	UJ	0.00093	UJ
C13-BZ#17	MG/KG	0.00026	J	0.00073	J	0.00051	J	0.00027	J	0.00046	UJ
C13-BZ#18	MG/KG	0.00038	J	0.0014	J	0.0011	J	0.00041	J	0.00030	J
C13-BZ#19	MG/KG	0.00045	UJ	0.00023	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C13-BZ#21/#33	MG/KG	0.00091	UJ	0.00047	J	0.00094	UJ	0.00090	UJ	0.00093	UJ
C13-BZ#22	MG/KG	0.00045	UJ	0.00035	J	0.00031	J	0.00045	UJ	0.00046	UJ
C13-BZ#24/#27	MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
C13-BZ#25	MG/KG	0.00028	J	0.0010	J	0.00089	J	0.00042	J	0.00029	J
C13-BZ#26	MG/KG	0.0010	J	0.0024	J	0.0023	J	0.0010	J	0.00058	J
C13-BZ#28/#31	MG/KG	0.0059	J	0.0044	J	0.0040	J	0.0017	J	0.0012	J
C13-BZ#29	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C13-BZ#37	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#40	MG/KG	0.00045	UJ	0.00057	J	0.00042	J	0.00031	J	0.00046	UJ
C14-BZ#41/#71	MG/KG	0.0032	J	0.0017	J	0.0012	J	0.00060	J	0.00093	UJ
C14-BZ#42	MG/KG	0.00093	J	0.00089	J	0.00048	J	0.00023	J	0.00046	UJ
C14-BZ#43/#49	MG/KG	0.012	J	0.0061	J	0.0044	J	0.0020	J	0.0010	J
C14-BZ#44	MG/KG	0.0038	J	0.0028	J	0.0019	J	0.0011	J	0.00056	J
C14-BZ#45	MG/KG	0.00045	UJ	0.00027	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#46	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#47/#48	MG/KG	0.0076	J	0.0028	J	0.0021	J	0.00096	J	0.00056	J
C14-BZ#50	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#51	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#52	MG/KG	0.021	J	0.0091	J	0.0065	J	0.0035	J	0.0015	J
C14-BZ#53	MG/KG	0.00045	UJ	0.00040	J	0.00027	J	0.00045	UJ	0.00046	UJ
C14-BZ#54	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#56/#60	MG/KG	0.0018	J	0.00081	J	0.00064	J	0.00090	UJ	0.00093	UJ
C14-BZ#63	MG/KG	0.00083	J	0.00027	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#64	MG/KG	0.00045	UJ	0.00053	J	0.00051	J	0.00045	UJ	0.00046	UJ
C14-BZ#66	MG/KG	0.0076	J	0.0032	J	0.0022	J	0.00097	J	0.00077	J
C14-BZ#70	MG/KG	0.00026	J	0.0010	J	0.00073	J	0.00048	J	0.00046	J
C14-BZ#74	MG/KG	0.0075	J	0.0020	J	0.0017	J	0.00071	J	0.00059	J
C14-BZ#76	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#77	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C14-BZ#81	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ

TABLE 2A - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2 Black Sea Bass II Station A 6/11/2010		NBH10-FF-B-2-Bass Black Sea Bass II Station B 6/9/2010		NBH10-FF-C-2 Black Sea Bass II Station C 6/9/2010		NBH10-FF-D-2-Bass Black Sea Bass II Station D 6/7/2010		NBH10-FF-E-2-Bass Black Sea Bass II Station E 6/7/2010	
C15-BZ#82	MG/KG	0.00057	J	0.00041	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#83	MG/KG	0.00061	J	0.00066	J	0.00037	J	0.00045	UJ	0.00046	UJ
C15-BZ#85	MG/KG	0.0022	J	0.0010	J	0.00071	J	0.00040	J	0.00026	J
C15-BZ#87	MG/KG	0.0042	J	0.0023	J	0.0014	J	0.00089	J	0.00047	J
C15-BZ#89	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#91	MG/KG	0.0018	J	0.0012	J	0.00088	J	0.00041	J	0.00046	UJ
C15-BZ#92	MG/KG	0.0069	J	0.0027	J	0.0017	J	0.0010	J	0.00072	J
C15-BZ#95	MG/KG	0.0058	J	0.0042	J	0.0024	J	0.0014	J	0.00075	J
C15-BZ#97	MG/KG	0.0016	J	0.0017	J	0.0010	J	0.00051	J	0.00030	J
C15-BZ#99	MG/KG	0.012	J	0.0050	J	0.0038	J	0.0018	J	0.0017	J
C15-BZ#100	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#101/#84	MG/KG	0.019	J	0.012	J	0.0064	J	0.0034	J	0.0021	J
C15-BZ#104	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#105	MG/KG	0.0075	J	0.0026	J	0.0016	J	0.00095	J	0.00065	J
C15-BZ#107	MG/KG	0.0032	J	0.0016	J	0.00091	J	0.00056	J	0.00039	J
C15-BZ#110	MG/KG	0.0073	J	0.0052	J	0.0034	J	0.0018	J	0.0011	J
C15-BZ#114	MG/KG	0.00049	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#118	MG/KG	0.043	J	0.014	J	0.0080	J	0.0043	J	0.0031	J
C15-BZ#119	MG/KG	0.0018	J	0.00063	J	0.00052	J	0.00045	UJ	0.00046	UJ
C15-BZ#123	MG/KG	0.00076	J	0.00034	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#124	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#126	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#129	MG/KG	0.00027	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#130	MG/KG	0.00094	J	0.00073	J	0.00046	J	0.00027	J	0.00027	J
C16-BZ#131	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#132/#168	MG/KG	0.0013	J	0.0011	J	0.00059	J	0.00045	J	0.00093	UJ
C16-BZ#134	MG/KG	0.0018	J	0.0010	J	0.00059	J	0.00031	J	0.00032	J
C16-BZ#135/#144	MG/KG	0.0016	J	0.0011	J	0.00066	J	0.00090	UJ	0.00093	UJ
C16-BZ#136	MG/KG	0.00061	J	0.00041	J	0.00027	J	0.00045	UJ	0.00046	UJ
C16-BZ#137	MG/KG	0.0016	J	0.00046	J	0.00037	J	0.00045	UJ	0.00046	UJ
C16-BZ#138/#163	MG/KG	0.029	J	0.014	J	0.0074	J	0.0040	J	0.0035	J
C16-BZ#141	MG/KG	0.0014	J	0.00059	J	0.00039	J	0.00024	J	0.00046	UJ
C16-BZ#146	MG/KG	0.0064	J	0.0045	J	0.0024	J	0.0012	J	0.0012	J
C16-BZ#147	MG/KG	0.00085	J	0.00049	J	0.00044	J	0.00045	UJ	0.00046	UJ
C16-BZ#149	MG/KG	0.0071	J	0.0053	J	0.0033	J	0.0017	J	0.0012	J
C16-BZ#151	MG/KG	0.0033	J	0.0014	J	0.00086	J	0.00053	J	0.00044	J
C16-BZ#153	MG/KG	0.056	J	0.023	J	0.013	J	0.0062	J	0.0053	J
C16-BZ#154	MG/KG	0.00031	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#155	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#156	MG/KG	0.0032	J	0.0011	J	0.00061	J	0.00037	J	0.00030	J
C16-BZ#157	MG/KG	0.00076	J	0.00032	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#158	MG/KG	0.0026	J	0.00095	J	0.00062	J	0.00036	J	0.00034	J
C16-BZ#167/#128	MG/KG	0.0074	J	0.0029	J	0.0018	J	0.00092	J	0.00083	J
C16-BZ#169	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#170/#190	MG/KG	0.0029	J	0.0013	J	0.00081	J	0.00090	UJ	0.00093	UJ
C17-BZ#171	MG/KG	0.00070	J	0.00029	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#172	MG/KG	0.00052	J	0.00032	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#173	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#174	MG/KG	0.00056	J	0.00049	J	0.00031	J	0.00045	UJ	0.00046	UJ
C17-BZ#175	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#176	MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#177	MG/KG	0.00087	J	0.00096	J	0.00049	J	0.00029	J	0.00029	J

TABLE 2A - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2	NBH10-FF-B-2-Bass	NBH10-FF-C-2	NBH10-FF-D-2-Bass	NBH10-FF-E-2-Bass
		Black Sea Bass II Station A 6/11/2010	Black Sea Bass II Station B 6/9/2010	Black Sea Bass II Station C 6/9/2010	Black Sea Bass II Station D 6/7/2010	Black Sea Bass II Station E 6/7/2010
C17-BZ#178	MG/KG	0.0011 J	0.00093 J	0.00047 J	0.00029 J	0.00024 J
C17-BZ#180	MG/KG	0.0056 J	0.0027 J	0.0016 J	0.00072 J	0.00070 J
C17-BZ#182/#187	MG/KG	0.0034 J	0.0040 J	0.0019 J	0.0010 J	0.0011 J
C17-BZ#183	MG/KG	0.0018 J	0.0012 J	0.00069 J	0.00034 J	0.00042 J
C17-BZ#184	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C17-BZ#185	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C17-BZ#188	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C17-BZ#189	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C17-BZ#191	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C17-BZ#193	MG/KG	0.00040 J	0.00023 J	0.00047 UJ	0.00045 UJ	0.00046 UJ
C18-BZ#194	MG/KG	0.00071 J	0.00054 J	0.00026 J	0.00045 UJ	0.00046 UJ
C18-BZ#195	MG/KG	0.00030 J	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C18-BZ#196/203	MG/KG	0.00088 J	0.00061 J	0.00094 UJ	0.00090 UJ	0.00093 UJ
C18-BZ#197	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C18-BZ#199	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C18-BZ#200	MG/KG	0.00045 UJ	0.00024 J	0.00047 UJ	0.00045 UJ	0.00046 UJ
C18-BZ#201	MG/KG	0.00072 J	0.00083 J	0.00038 J	0.00045 UJ	0.00046 UJ
C18-BZ#202	MG/KG	0.00045 J	0.00054 J	0.00029 J	0.00045 UJ	0.00046 UJ
C18-BZ#205	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C19-BZ#206	MG/KG	0.00026 J	0.00044 J	0.00026 J	0.00045 UJ	0.00037 J
C19-BZ#207	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
C19-BZ#208	MG/KG	0.00023 J	0.00029 J	0.00047 UJ	0.00045 UJ	0.00046 UJ
C110-BZ#209	MG/KG	0.00045 UJ	0.00044 UJ	0.00047 UJ	0.00045 UJ	0.00046 UJ
Aroclor-1242	MG/KG	0.018 U	0.017 U	0.019 U	0.018 U	0.019 U
Aroclor-1248	MG/KG	0.018 U	0.075	0.052	0.018 U	0.019 U
Aroclor-1254	MG/KG	0.57	0.24	0.13	0.080	0.019 U
Aroclor-1260	MG/KG	0.018 U	0.017 U	0.019 U	0.018 U	0.019 U

TABLE 2B - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA III 2010

Sample# Species Area Station Sample Date Units		NBH10-FF-A-3 Black Sea Bass III Station A 7/1/2010	NBH10-FF-B-3-Bass Black Sea Bass III Station B 6/21/2010	NBH10-FF-C-3 Black Sea Bass III Station C 5/13/2010	NBH10-FF-D-3-Bass Black Sea Bass III Station D 6/21/2010	NBH10-FF-E-3 Black Sea Bass III Station E 6/29/2010
Lipids	PERCENT	0.56	0.49	0.42	0.65	0.59
Total PCB Congeners ¹	MG/KG	0.073 J2	0.052 J2	0.051 J2	0.076 J2	0.30 J3
Total PCB Congeners Hits ²	MG/KG	0.052	0.029	0.026	0.057	0.29
Total NOAA Congeners ³	MG/KG	0.037 J3	0.022 J3	0.021 J2	0.039 J3	0.19 J4
Total WHO Congeners ⁴	MG/KG	0.011 J2	0.0063 J2	0.0068 J2	0.011 J2	0.052 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.039 J3	0.024 J2	0.023 J2	0.042 J3	0.19 J4
Total Aroclors ⁶	MG/KG	0.15 J2	0.0094 U	0.0096 U	0.16 J2	0.56 J3
C11-BZ#1	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C11-BZ#3	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C12-BZ#4/#10	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C12-BZ#5/#8	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C12-BZ#6	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C12-BZ#7	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C12-BZ#12/#13	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C12-BZ#15	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#16/#32	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C13-BZ#17	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#18	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#19	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#21/#33	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C13-BZ#22	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#24/#27	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00092 UJ
C13-BZ#25	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#26	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00043 J
C13-BZ#28/#31	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00048 J	0.0018 J
C13-BZ#29	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C13-BZ#37	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#40	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#41/#71	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.0018 J
C14-BZ#42	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00047 J
C14-BZ#43/#49	MG/KG	0.00075 J	0.00053 J	0.00095 UJ	0.00096 J	0.0054 J
C14-BZ#44	MG/KG	0.00036 J	0.00047 UJ	0.00048 UJ	0.00037 J	0.0024 J
C14-BZ#45	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#46	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#47/#48	MG/KG	0.00055 J	0.00093 UJ	0.00095 UJ	0.00056 J	0.0036 J
C14-BZ#50	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#51	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#52	MG/KG	0.0015 J	0.00074 J	0.00077 J	0.0015 J	0.0099 J
C14-BZ#53	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#54	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#56/#60	MG/KG	0.00094 UJ	0.00093 UJ	0.00095 UJ	0.00090 UJ	0.00091 J
C14-BZ#63	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00045 J
C14-BZ#64	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#66	MG/KG	0.00079 J	0.00057 J	0.00045 J	0.00085 J	0.0052 J
C14-BZ#70	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#74	MG/KG	0.00058 J	0.00028 J	0.00030 J	0.00059 J	0.0035 J
C14-BZ#76	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#77	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ
C14-BZ#81	MG/KG	0.00047 UJ	0.00047 UJ	0.00048 UJ	0.00045 UJ	0.00046 UJ

TABLE 2B - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-3 Black Sea Bass III Station A 7/1/2010		NBH10-FF-B-3-Bass Black Sea Bass III Station B 6/21/2010		NBH10-FF-C-3 Black Sea Bass III Station C 5/13/2010		NBH10-FF-D-3-Bass Black Sea Bass III Station D 6/21/2010		NBH10-FF-E-3 Black Sea Bass III Station E 6/29/2010	
C15-BZ#82	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00041	J
C15-BZ#83	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00083	J
C15-BZ#85	MG/KG	0.00026	J	0.00025	J	0.00048	UJ	0.00036	J	0.0020	J
C15-BZ#87	MG/KG	0.00072	J	0.00038	J	0.00029	J	0.00067	J	0.0037	J
C15-BZ#89	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#91	MG/KG	0.00025	J	0.00047	UJ	0.00048	UJ	0.00032	J	0.0014	J
C15-BZ#92	MG/KG	0.00087	J	0.00047	J	0.00058	J	0.00090	J	0.0050	J
C15-BZ#95	MG/KG	0.00083	J	0.00046	J	0.00041	J	0.00074	J	0.0039	J
C15-BZ#97	MG/KG	0.00026	J	0.00047	UJ	0.00025	J	0.00048	J	0.0011	J
C15-BZ#99	MG/KG	0.0012	J	0.00086	J	0.00051	J	0.0020	J	0.0032	J
C15-BZ#100	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#101/#84	MG/KG	0.0038	J	0.0020	J	0.0019	J	0.0037	J	0.020	J
C15-BZ#104	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#105	MG/KG	0.0010	J	0.00059	J	0.00058	J	0.0011	J	0.0056	J
C15-BZ#107	MG/KG	0.00073	J	0.00040	J	0.00036	J	0.00073	J	0.0032	J
C15-BZ#110	MG/KG	0.00096	J	0.00063	J	0.00064	J	0.0012	J	0.0083	J
C15-BZ#114	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00026	J
C15-BZ#118	MG/KG	0.0058	J	0.0028	J	0.0032	J	0.0059	J	0.033	J
C15-BZ#119	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00026	J	0.0014	J
C15-BZ#123	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00062	J
C15-BZ#124	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C15-BZ#126	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#129	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00028	J
C16-BZ#130	MG/KG	0.00032	J	0.00047	UJ	0.00048	UJ	0.00037	J	0.0015	J
C16-BZ#131	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#132/#168	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.0014	J
C16-BZ#134	MG/KG	0.00037	J	0.00029	J	0.00048	UJ	0.00043	J	0.0018	J
C16-BZ#135/#144	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.0017	J
C16-BZ#136	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00036	J
C16-BZ#137	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.0013	J
C16-BZ#138/#163	MG/KG	0.0059	J	0.0034	J	0.0031	J	0.0068	J	0.029	J
C16-BZ#141	MG/KG	0.00031	J	0.00047	UJ	0.00048	UJ	0.00023	J	0.0012	J
C16-BZ#146	MG/KG	0.0021	J	0.0012	J	0.0012	J	0.0021	J	0.010	J
C16-BZ#147	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.0011	J
C16-BZ#149	MG/KG	0.0019	J	0.0012	J	0.0011	J	0.0020	J	0.0088	J
C16-BZ#151	MG/KG	0.00066	J	0.00031	J	0.00033	J	0.00052	J	0.0029	J
C16-BZ#153	MG/KG	0.011	J	0.0064	J	0.0060	J	0.012	J	0.059	J
C16-BZ#154	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#155	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C16-BZ#156	MG/KG	0.00050	J	0.00026	J	0.00029	J	0.00051	J	0.0030	J
C16-BZ#157	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00079	J
C16-BZ#158	MG/KG	0.00039	J	0.00047	UJ	0.00026	J	0.00041	J	0.0024	J
C16-BZ#167/#128	MG/KG	0.0013	J	0.00077	J	0.00079	J	0.0014	J	0.0075	J
C16-BZ#169	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#170/#190	MG/KG	0.00072	J	0.00047	J	0.00095	UJ	0.00069	J	0.0030	J
C17-BZ#171	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00044	J
C17-BZ#172	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00060	J
C17-BZ#173	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#174	MG/KG	0.00025	J	0.00047	UJ	0.00048	UJ	0.00024	J	0.00066	J
C17-BZ#175	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#176	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
C17-BZ#177	MG/KG	0.00036	J	0.00030	J	0.00048	UJ	0.00034	J	0.0013	J

TABLE 2B - SUMMARY OF SAMPLE DATA FOR BLACK SEA BASS (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-3 Black Sea Bass III Station A 7/1/2010		NBH10-FF-B-3-Bass Black Sea Bass III Station B 6/21/2010		NBH10-FF-C-3 Black Sea Bass III Station C 5/13/2010		NBH10-FF-D-3-Bass Black Sea Bass III Station D 6/21/2010		NBH10-FF-E-3 Black Sea Bass III Station E 6/29/2010	
CI7-BZ#178	MG/KG	0.00033	J	0.00027	J	0.00028	J	0.00034	J	0.0012	J
CI7-BZ#180	MG/KG	0.0013	J	0.00080	J	0.00074	J	0.0013	J	0.0058	J
CI7-BZ#182/#187	MG/KG	0.0014	J	0.0012	J	0.00097	J	0.0017	J	0.0058	J
CI7-BZ#183	MG/KG	0.00052	J	0.00040	J	0.00042	J	0.00058	J	0.0020	J
CI7-BZ#184	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI7-BZ#185	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI7-BZ#188	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI7-BZ#189	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00023	J
CI7-BZ#191	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI7-BZ#193	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00045	J
CI8-BZ#194	MG/KG	0.00032	J	0.00047	UJ	0.00048	UJ	0.00033	J	0.00064	J
CI8-BZ#195	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI8-BZ#196/203	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00085	J
CI8-BZ#197	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI8-BZ#199	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI8-BZ#200	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI8-BZ#201	MG/KG	0.00038	J	0.00029	J	0.00029	J	0.00038	J	0.00084	J
CI8-BZ#202	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00048	J
CI8-BZ#205	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI9-BZ#206	MG/KG	0.00029	J	0.00047	UJ	0.00048	UJ	0.00029	J	0.00054	J
CI9-BZ#207	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
CI9-BZ#208	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00023	J
CI10-BZ#209	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Aroclor-1242	MG/KG	0.019	U	0.019	U	0.019	U	0.018	U	0.018	U
Aroclor-1248	MG/KG	0.019	U	0.019	U	0.019	U	0.018	U	0.018	U
Aroclor-1254	MG/KG	0.12		0.019	U	0.019	U	0.14		0.54	
Aroclor-1260	MG/KG	0.019	U	0.019	U	0.019	U	0.018	U	0.018	U

TABLE 3A - SUMMARY OF SAMPLE DATA FOR STRIPED BASS FILLET (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010	
Lipids	PERCENT	1.3		1.4		1.9	
Total PCB Congeners ¹	MG/KG	0.25	J3	2.5	J4	30	J4
Total PCB Congeners Hits ²	MG/KG	0.24		2.5		30	
Total NOAA Congeners ³	MG/KG	0.12	J4	1.0	J4	13	J4
Total WHO Congeners ⁴	MG/KG	0.029	J3	0.067	J4	0.66	J4
Total NOAA / WHO Combined ⁵	MG/KG	0.13	J3	1.0	J4	13	J4
Total Aroclors ⁶	MG/KG	0.44	J3	3.2	J4	36	J4
C11-BZ#1	MG/KG	0.00046	UJ	0.00043	UJ	0.0017	J
C11-BZ#3	MG/KG	0.00046	UJ	0.00043	UJ	0.0006	J
C12-BZ#4/#10	MG/KG	0.00093	UJ	0.00086	UJ	0.079	J
C12-BZ#5/#8	MG/KG	0.00093	UJ	0.0053	J	0.23	J
C12-BZ#6	MG/KG	0.00046	UJ	0.0065	J	0.24	J
C12-BZ#7	MG/KG	0.00046	UJ	0.00043	J	0.019	J
C12-BZ#12/#13	MG/KG	0.00093	UJ	0.00086	UJ	0.012	J
C12-BZ#15	MG/KG	0.00046	UJ	0.0016	J	0.030	J
C13-BZ#16/#32	MG/KG	0.00093	UJ	0.045	J	0.45	J
C13-BZ#17	MG/KG	0.00024	J	0.042	J	0.58	J
C13-BZ#18	MG/KG	0.00044	J	0.078	J	1.2	J
C13-BZ#19	MG/KG	0.00046	UJ	0.0025	J	0.070	J
C13-BZ#21/#33	MG/KG	0.00093	UJ	0.0099	J	0.087	J
C13-BZ#22	MG/KG	0.00046	UJ	0.013	J	0.14	J
C13-BZ#24/#27	MG/KG	0.00093	UJ	0.014	J	0.15	J
C13-BZ#25	MG/KG	0.00043	J	0.077	J	1.1	J
C13-BZ#26	MG/KG	0.00098	J	0.15	J	2.1	J
C13-BZ#28/#31	MG/KG	0.0024	J	0.27	J	4.1	J
C13-BZ#29	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C13-BZ#37	MG/KG	0.00046	UJ	0.0012	J	0.016	J
C14-BZ#40	MG/KG	0.00041	J	0.0090	J	0.079	J
C14-BZ#41/#71	MG/KG	0.0015	J	0.051	J	0.42	J
C14-BZ#42	MG/KG	0.00089	J	0.026	J	0.23	J
C14-BZ#43/#49	MG/KG	0.0058	J	0.27	J	3.5	J
C14-BZ#44	MG/KG	0.0019	J	0.070	J	0.73	J
C14-BZ#45	MG/KG	0.00046	UJ	0.0077	J	0.056	J
C14-BZ#46	MG/KG	0.00046	UJ	0.00043	UJ	0.062	J
C14-BZ#47/#48	MG/KG	0.0034	J	0.086	J	1.2	J
C14-BZ#50	MG/KG	0.00046	UJ	0.00068	J	0.0050	J
C14-BZ#51	MG/KG	0.00046	UJ	0.017	J	0.14	J
C14-BZ#52	MG/KG	0.0062	J	0.29	J	3.7	J
C14-BZ#53	MG/KG	0.00028	J	0.032	J	0.27	J
C14-BZ#54	MG/KG	0.00046	UJ	0.00043	UJ	0.0027	J
C14-BZ#56/#60	MG/KG	0.0010	J	0.010	J	0.099	J
C14-BZ#63	MG/KG	0.00033	J	0.0025	J	0.027	J
C14-BZ#64	MG/KG	0.00076	J	0.043	J	0.46	J
C14-BZ#66	MG/KG	0.0042	J	0.027	J	0.28	J
C14-BZ#70	MG/KG	0.0020	J	0.019	J	0.20	J
C14-BZ#74	MG/KG	0.0023	J	0.022	J	0.26	J
C14-BZ#76	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C14-BZ#77	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ

TABLE 3A - SUMMARY OF SAMPLE DATA FOR STRIPED BASS FILLET (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010	
C14-BZ#81	MG/KG	0.00046	UJ	0.00044	J	0.0035	J
C15-BZ#82	MG/KG	0.00061	J	0.0020	J	0.015	J
C15-BZ#83	MG/KG	0.00062	J	0.0043	J	0.038	J
C15-BZ#85	MG/KG	0.0022	J	0.0038	J	0.032	J
C15-BZ#87	MG/KG	0.0031	J	0.013	J	0.10	J
C15-BZ#89	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C15-BZ#91	MG/KG	0.0019	J	0.038	J	0.32	J
C15-BZ#92	MG/KG	0.0033	J	0.020	J	0.20	J
C15-BZ#95	MG/KG	0.0042	J	0.062	J	0.71	J
C15-BZ#97	MG/KG	0.0040	J	0.022	J	0.19	J
C15-BZ#99	MG/KG	0.017	J	0.066	J	0.82	J
C15-BZ#100	MG/KG	0.00037	J	0.0040	J	0.039	J
C15-BZ#101/#84	MG/KG	0.019	J	0.097	J	1.1	J
C15-BZ#104	MG/KG	0.00046	UJ	0.00043	UJ	0.00077	J
C15-BZ#105	MG/KG	0.0031	J	0.0056	J	0.049	J
C15-BZ#107	MG/KG	0.0024	J	0.0044	J	0.037	J
C15-BZ#110	MG/KG	0.0072	J	0.070	J	0.74	J
C15-BZ#114	MG/KG	0.00046	UJ	0.00053	J	0.0057	J
C15-BZ#118	MG/KG	0.018	J	0.046	J	0.49	J
C15-BZ#119	MG/KG	0.0012	J	0.011	J	0.11	J
C15-BZ#123	MG/KG	0.00064	J	0.0027	J	0.025	J
C15-BZ#124	MG/KG	0.00029	J	0.0013	J	0.013	J
C15-BZ#126	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C16-BZ#129	MG/KG	0.00028	J	0.00085	J	0.0065	J
C16-BZ#130	MG/KG	0.0013	J	0.0020	J	0.014	J
C16-BZ#131	MG/KG	0.00046	UJ	0.00083	J	0.0066	J
C16-BZ#132/#168	MG/KG	0.0019	J	0.0036	J	0.027	J
C16-BZ#134	MG/KG	0.0012	J	0.0051	J	0.041	J
C16-BZ#135/#144	MG/KG	0.0014	J	0.0060	J	0.054	J
C16-BZ#136	MG/KG	0.00083	J	0.0076	J	0.061	J
C16-BZ#137	MG/KG	0.00069	J	0.0016	J	0.014	J
C16-BZ#138/#163	MG/KG	0.022	J	0.041	J	0.32	J
C16-BZ#141	MG/KG	0.00093	J	0.0022	J	0.018	J
C16-BZ#146	MG/KG	0.0061	J	0.012	J	0.090	J
C16-BZ#147	MG/KG	0.0010	J	0.0044	J	0.040	J
C16-BZ#149	MG/KG	0.010	J	0.049	J	0.55	J
C16-BZ#151	MG/KG	0.0026	J	0.0089	J	0.076	J
C16-BZ#153	MG/KG	0.031	J	0.066	J	0.59	J
C16-BZ#154	MG/KG	0.00087	J	0.0039	J	0.037	J
C16-BZ#155	MG/KG	0.00046	UJ	0.00043	UJ	0.00054	J
C16-BZ#156	MG/KG	0.0013	J	0.0028	J	0.023	J
C16-BZ#157	MG/KG	0.00034	J	0.00055	J	0.0034	J
C16-BZ#158	MG/KG	0.0014	J	0.0041	J	0.037	J
C16-BZ#167/#128	MG/KG	0.0043	J	0.0075	J	0.056	J
C16-BZ#169	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C17-BZ#170/#190	MG/KG	0.0017	J	0.0042	J	0.027	J
C17-BZ#171	MG/KG	0.00054	J	0.0013	J	0.0072	J
C17-BZ#172	MG/KG	0.00033	J	0.00077	J	0.0048	J
C17-BZ#173	MG/KG	0.00046	UJ	0.00043	UJ	0.00040	J
C17-BZ#174	MG/KG	0.00072	J	0.0015	J	0.011	J
C17-BZ#175	MG/KG	0.00046	UJ	0.00028	J	0.0015	J

TABLE 3A - SUMMARY OF SAMPLE DATA FOR STRIPED BASS FILLET (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010		Striped Bass Fillet III No Station 7/4/2010	
C17-BZ#176	MG/KG	0.00046	UJ	0.00037	J	0.0023	J
C17-BZ#177	MG/KG	0.0015	J	0.0020	J	0.011	J
C17-BZ#178	MG/KG	0.0010	J	0.0018	J	0.012	J
C17-BZ#180	MG/KG	0.0036	J	0.0083	J	0.047	J
C17-BZ#182/#187	MG/KG	0.0050	J	0.011	J	0.064	J
C17-BZ#183	MG/KG	0.0015	J	0.0034	J	0.021	J
C17-BZ#184	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
C17-BZ#185	MG/KG	0.00046	UJ	0.00029	J	0.0018	J
C17-BZ#188	MG/KG	0.00046	UJ	0.00043	UJ	0.0011	J
C17-BZ#189	MG/KG	0.00046	UJ	0.00026	J	0.0015	J
C17-BZ#191	MG/KG	0.00046	UJ	0.00023	J	0.0015	J
C17-BZ#193	MG/KG	0.00031	J	0.00073	J	0.0041	J
C18-BZ#194	MG/KG	0.00051	J	0.0018	J	0.0081	J
C18-BZ#195	MG/KG	0.00046	UJ	0.00053	J	0.0026	J
C18-BZ#196/203	MG/KG	0.00080	J	0.0025	J	0.011	J
C18-BZ#197	MG/KG	0.00046	UJ	0.00043	UJ	0.00056	J
C18-BZ#199	MG/KG	0.00046	UJ	0.00043	UJ	0.00067	J
C18-BZ#200	MG/KG	0.00030	J	0.00051	J	0.0017	J
C18-BZ#201	MG/KG	0.00093	J	0.0023	J	0.0091	J
C18-BZ#202	MG/KG	0.00053	J	0.0011	J	0.0041	J
C18-BZ#205	MG/KG	0.00046	UJ	0.00043	UJ	0.00046	J
C19-BZ#206	MG/KG	0.00061	J	0.0023	J	0.0073	J
C19-BZ#207	MG/KG	0.00046	UJ	0.00039	J	0.0010	J
C19-BZ#208	MG/KG	0.00040	J	0.0012	J	0.0032	J
C110-BZ#209	MG/KG	0.00045	J	0.0016	J	0.0035	J
Aroclor-1242	MG/KG	0.019	U	0.017	U	0.018	U
Aroclor-1248	MG/KG	0.052		2.2		26	
Aroclor-1254	MG/KG	0.34		0.97		9.6	
Aroclor-1260	MG/KG	0.035		0.078		0.41	

TABLE 3B - SUMMARY OF SAMPLE DATA FOR STRIPED BASS SKIN/SCALES (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
		Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010
Lipids	PERCENT	0.15	0.11	0.1 U
Total PCB Congeners ¹	MG/KG	0.049 J2	0.17 J3	1.5 J4
Total PCB Congeners Hits ²	MG/KG	0.026	0.15	1.5
Total NOAA Congeners ³	MG/KG	0.016 J3	0.1 J3	0.64 J4
Total WHO Congeners ⁴	MG/KG	0.005 J2	0.0052 J2	0.029 J3
Total NOAA / WHO Combined ⁵	MG/KG	0.019 J2	0.1 J3	0.64 J4
Total Aroclors ⁶	MG/KG	0.067 J2	0.22 J3	1.6 J4
C11-BZ#1	MG/KG	0.00046 UJ	0.00047 UJ	0.00028 J
C11-BZ#3	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
C12-BZ#4/#10	MG/KG	0.00092 UJ	0.00093 UJ	0.01 J
C12-BZ#5/#8	MG/KG	0.00092 UJ	0.00058 J	0.025 J
C12-BZ#6	MG/KG	0.00046 UJ	0.00064 J	0.025 J
C12-BZ#7	MG/KG	0.00046 UJ	0.00047 UJ	0.0021 J
C12-BZ#12/#13	MG/KG	0.00092 UJ	0.00093 UJ	0.0012 J
C12-BZ#15	MG/KG	0.00046 UJ	0.00047 UJ	0.003 J
C13-BZ#16/#32	MG/KG	0.00092 UJ	0.0039 J	0.037 J
C13-BZ#17	MG/KG	0.00046 UJ	0.0038 J	0.034 J
C13-BZ#18	MG/KG	0.00046 UJ	0.0066 J	0.07 J
C13-BZ#19	MG/KG	0.00046 UJ	0.00024 J	0.007 J
C13-BZ#21/#33	MG/KG	0.00092 UJ	0.00085 J	0.0066 J
C13-BZ#22	MG/KG	0.00046 UJ	0.0011 J	0.011 J
C13-BZ#24/#27	MG/KG	0.00092 UJ	0.0011 J	0.013 J
C13-BZ#25	MG/KG	0.00046 UJ	0.0057 J	0.061 J
C13-BZ#26	MG/KG	0.00025 J	0.011 J	0.11 J
C13-BZ#28/#31	MG/KG	0.00062 J	0.02 J	0.22 J
C13-BZ#29	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
C13-BZ#37	MG/KG	0.00046 UJ	0.00047 UJ	0.0012 J
C14-BZ#40	MG/KG	0.00046 UJ	0.0006 J	0.0049 J
C14-BZ#41/#71	MG/KG	0.00092 UJ	0.0031 J	0.027 J
C14-BZ#42	MG/KG	0.00046 UJ	0.0018 J	0.014 J
C14-BZ#43/#49	MG/KG	0.00098 J	0.016 J	0.15 J
C14-BZ#44	MG/KG	0.00035 J	0.005 J	0.037 J
C14-BZ#45	MG/KG	0.00046 UJ	0.00059 J	0.0042 J
C14-BZ#46	MG/KG	0.00046 UJ	0.00046 J	0.005 J
C14-BZ#47/#48	MG/KG	0.00049 J	0.0053 J	0.051 J
C14-BZ#50	MG/KG	0.00046 UJ	0.00047 UJ	0.0004 J
C14-BZ#51	MG/KG	0.00046 UJ	0.0012 J	0.0094 J
C14-BZ#52	MG/KG	0.001 J	0.017 J	0.16 J
C14-BZ#53	MG/KG	0.00046 UJ	0.0023 J	0.019 J
C14-BZ#54	MG/KG	0.00046 UJ	0.00047 UJ	0.00027 J
C14-BZ#56/#60	MG/KG	0.0009 UJ	0.001 J	0.0057 J
C14-BZ#63	MG/KG	0.00046 UJ	0.00047 UJ	0.0014 J
C14-BZ#64	MG/KG	0.00046 UJ	0.0029 J	0.021 J
C14-BZ#66	MG/KG	0.00061 J	0.0017 J	0.016 J
C14-BZ#70	MG/KG	0.0003 J	0.0011 J	0.01 J
C14-BZ#74	MG/KG	0.00036 J	0.0014 J	0.013 J
C14-BZ#76	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
C14-BZ#77	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ

TABLE 3B - SUMMARY OF SAMPLE DATA FOR STRIPED BASS SKIN/SCALES (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
		Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010
Cl4-BZ#81	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl5-BZ#82	MG/KG	0.00046 UJ	0.0005 UJ	0.00087 J
Cl5-BZ#83	MG/KG	0.00046 UJ	0.00029 J	0.0021 J
Cl5-BZ#85	MG/KG	0.00035 J	0.00047 UJ	0.0017 J
Cl5-BZ#87	MG/KG	0.00049 J	0.00066 J	0.01 J
Cl5-BZ#89	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl5-BZ#91	MG/KG	0.00036 J	0.0022 J	0.018 J
Cl5-BZ#92	MG/KG	0.00042 J	0.001 J	0.01 J
Cl5-BZ#95	MG/KG	0.00062 J	0.0035 J	0.03 J
Cl5-BZ#97	MG/KG	0.0006 J	0.0012 J	0.0095 J
Cl5-BZ#99	MG/KG	0.0021 J	0.0033 J	0.032 J
Cl5-BZ#100	MG/KG	0.00046 UJ	0.0003 J	0.002 J
Cl5-BZ#101/#84	MG/KG	0.0024 J	0.0051 J	0.044 J
Cl5-BZ#104	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl5-BZ#105	MG/KG	0.00041 J	0.00034 J	0.0023 J
Cl5-BZ#107	MG/KG	0.00032 J	0.00026 J	0.0017 J
Cl5-BZ#110	MG/KG	0.00091 J	0.004 J	0.031 J
Cl5-BZ#114	MG/KG	0.00046 UJ	0.00047 UJ	0.00034 J
Cl5-BZ#118	MG/KG	0.002 J	0.0023 J	0.02 J
Cl5-BZ#119	MG/KG	0.00046 UJ	0.00056 J	0.0053 J
Cl5-BZ#123	MG/KG	0.00046 UJ	0.00047 UJ	0.0013 J
Cl5-BZ#124	MG/KG	0.00046 UJ	0.00047 UJ	0.00063 J
Cl5-BZ#126	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl6-BZ#129	MG/KG	0.00046 UJ	0.00047 UJ	0.0003 J
Cl6-BZ#130	MG/KG	0.00046 UJ	0.0005 UJ	0.00071 J
Cl6-BZ#131	MG/KG	0.00046 UJ	0.00047 UJ	0.00033 J
Cl6-BZ#132/#168	MG/KG	0.00092 UJ	0.00093 UJ	0.0014 J
Cl6-BZ#134	MG/KG	0.00046 UJ	0.00024 J	0.002 J
Cl6-BZ#135/#144	MG/KG	0.00092 UJ	0.0009 UJ	0.0027 J
Cl6-BZ#136	MG/KG	0.00046 UJ	0.00041 J	0.0033 J
Cl6-BZ#137	MG/KG	0.00046 UJ	0.00047 UJ	0.00065 J
Cl6-BZ#138/#163	MG/KG	0.0025 J	0.0019 J	0.014 J
Cl6-BZ#141	MG/KG	0.00046 UJ	0.00047 UJ	0.00087 J
Cl6-BZ#146	MG/KG	0.00071 J	0.00057 J	0.004 J
Cl6-BZ#147	MG/KG	0.0005 UJ	0.00047 UJ	0.002 J
Cl6-BZ#149	MG/KG	0.001 J	0.0023 J	0.021 J
Cl6-BZ#151	MG/KG	0.00036 J	0.00047 J	0.0037 J
Cl6-BZ#153	MG/KG	0.0033 J	0.0028 J	0.022 J
Cl6-BZ#154	MG/KG	0.00046 UJ	0.00047 UJ	0.0016 J
Cl6-BZ#155	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl6-BZ#156	MG/KG	0.00046 UJ	0.00047 UJ	0.00099 J
Cl6-BZ#157	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl6-BZ#158	MG/KG	0.00046 UJ	0.00024 J	0.0017 J
Cl6-BZ#167/#128	MG/KG	0.00051 J	0.00093 UJ	0.0026 J
Cl6-BZ#169	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#170/#190	MG/KG	0.00092 UJ	0.00093 UJ	0.0013 J
Cl7-BZ#171	MG/KG	0.00046 UJ	0.00047 UJ	0.00037 J
Cl7-BZ#172	MG/KG	0.00046 UJ	0.00047 UJ	0.00025 J
Cl7-BZ#173	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#174	MG/KG	0.00046 UJ	0.00047 UJ	0.00056 J
Cl7-BZ#175	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ

TABLE 3B - SUMMARY OF SAMPLE DATA FOR STRIPED BASS SKIN/SCALES (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
		Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010	Striped Bass Skin/Scales III No Station 7/4/2010
CI7-BZ#176	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#177	MG/KG	0.00025 J	0.0005 UJ	0.00058 J
CI7-BZ#178	MG/KG	0.0005 UJ	0.00047 UJ	0.00056 J
CI7-BZ#180	MG/KG	0.00042 J	0.00039 J	0.0021 J
CI7-BZ#182/#187	MG/KG	0.0006 J	0.00054 J	0.0028 J
CI7-BZ#183	MG/KG	0.00046 UJ	0.00047 UJ	0.0009 J
CI7-BZ#184	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#185	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#188	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#189	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#191	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI7-BZ#193	MG/KG	0.00046 UJ	0.00047 UJ	0.00023 J
CI8-BZ#194	MG/KG	0.00046 UJ	0.00047 UJ	0.00033 J
CI8-BZ#195	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI8-BZ#196/203	MG/KG	0.00092 UJ	0.00093 UJ	0.00048 J
CI8-BZ#197	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI8-BZ#199	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI8-BZ#200	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI8-BZ#201	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 J
CI8-BZ#202	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI8-BZ#205	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI9-BZ#206	MG/KG	0.00046 UJ	0.00047 UJ	0.0004 J
CI9-BZ#207	MG/KG	0.00046 UJ	0.00047 UJ	0.0004 UJ
CI9-BZ#208	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
CI10-BZ#209	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Aroclor-1242	MG/KG	0.018 U	0.019 U	0.017 U
Aroclor-1248	MG/KG	0.018 U	0.16	1.2
Aroclor-1254	MG/KG	0.039	0.047	0.38
Aroclor-1260	MG/KG	0.018 U	0.019 U	0.022

TABLE 3C - SUMMARY OF SAMPLE DATA FOR STRIPED BASS LIVER (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Type Area Station Sample Date Units	NBH10-LV-A-3	NBH10-LV-B-3	NBH10-LV-C-3
		Striped Bass Liver III No Station 7/4/2010	Striped Bass Liver III No Station 7/4/2010	Striped Bass Liver III No Station 7/4/2010
Lipids	PERCENT	11	5.5	9.8
Total PCB Congeners ¹	MG/KG	3.1 J4	13 J4	110 J4
Total PCB Congeners Hits ²	MG/KG	3.1	13	110
Total NOAA Congeners ³	MG/KG	1.7 J4	5.9 J4	45 J4
Total WHO Congeners ⁴	MG/KG	0.38 J4	0.36 J4	2.5 J4
Total NOAA / WHO Combined ⁵	MG/KG	1.7 J4	5.9 J4	45 J4
Total Aroclors ⁶	MG/KG	5.8 J4	19 J4	120 J4
C11-BZ#1	MG/KG	0.00046 UJ	0.00047 UJ	0.0085 J
C11-BZ#3	MG/KG	0.00046 UJ	0.00047 UJ	0.0028 J
C12-BZ#4/#10	MG/KG	0.00092 UJ	0.00078 J	0.41 J
C12-BZ#5/#8	MG/KG	0.00082 J	0.026 J	1.1 J
C12-BZ#6	MG/KG	0.00043 J	0.029 J	1.2 J
C12-BZ#7	MG/KG	0.00046 UJ	0.0019 J	0.1 J
C12-BZ#12/#13	MG/KG	0.00092 UJ	0.00094 UJ	0.049 J
C12-BZ#15	MG/KG	0.00026 J	0.007 J	0.140 J
C13-BZ#16/#32	MG/KG	0.0036 J	0.21 J	2.1 J
C13-BZ#17	MG/KG	0.0027 J	0.2 J	2.1 J
C13-BZ#18	MG/KG	0.0047 J	0.36 J	4 J
C13-BZ#19	MG/KG	0.00032 J	0.012 J	0.330 J
C13-BZ#21/#33	MG/KG	0.002 J	0.049 J	0.46 J
C13-BZ#22	MG/KG	0.0024 J	0.08 J	0.63 J
C13-BZ#24/#27	MG/KG	0.00077 J	0.064 J	0.74 J
C13-BZ#25	MG/KG	0.0046 J	0.38 J	3.8 J
C13-BZ#26	MG/KG	0.01 J	0.9 J	7.1 J
C13-BZ#28/#31	MG/KG	0.028 J	1.7 J	14 J
C13-BZ#29	MG/KG	0.00046 UJ	0.00047 UJ	0.0045 J
C13-BZ#37	MG/KG	0.00083 J	0.0058 J	0.084 J
C14-BZ#40	MG/KG	0.0046 J	0.0430 J	0.33 J
C14-BZ#41/#71	MG/KG	0.017 J	0.24 J	1.8 J
C14-BZ#42	MG/KG	0.0095 J	0.13 J	0.96 J
C14-BZ#43/#49	MG/KG	0.071 J	1.7 J	12 J
C14-BZ#44	MG/KG	0.02 J	0.340 J	2.5 J
C14-BZ#45	MG/KG	0.0013 J	0.037 J	0.3 J
C14-BZ#46	MG/KG	0.00046 UJ	0.00047 UJ	0.33 J
C14-BZ#47/#48	MG/KG	0.04 J	0.43 J	3.9 J
C14-BZ#50	MG/KG	0.00046 UJ	0.0031 J	0.0250 J
C14-BZ#51	MG/KG	0.0017 J	0.08 J	0.62 J
C14-BZ#52	MG/KG	0.075 J	1.8 J	12 J
C14-BZ#53	MG/KG	0.0032 J	0.15 J	1.2 J
C14-BZ#54	MG/KG	0.00046 UJ	0.00066 J	0.014 J
C14-BZ#56/#60	MG/KG	0.0120 J	0.053 J	0.51 J
C14-BZ#63	MG/KG	0.0038 J	0.013 J	0.15 J
C14-BZ#64	MG/KG	0.0095 J	0.23 J	1.6 J
C14-BZ#66	MG/KG	0.053 J	0.15 J	1.1 J
C14-BZ#70	MG/KG	0.0240 J	0.1 J	0.76 J
C14-BZ#74	MG/KG	0.028 J	0.12 J	1 J
C14-BZ#76	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ
C14-BZ#77	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ

TABLE 3C - SUMMARY OF SAMPLE DATA FOR STRIPED BASS LIVER (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample#	Species	Type	Area	Station	Sample Date	NBH10-LV-A-3	NBH10-LV-B-3	NBH10-LV-C-3
							Striped Bass Liver III No Station 7/4/2010	Striped Bass Liver III No Station 7/4/2010	Striped Bass Liver III No Station 7/4/2010
Units									
C17-BZ#176			MG/KG				0.002 J	0.0016 J	0.012 J
C17-BZ#177			MG/KG				0.017 J	0.0087 J	0.063 J
C17-BZ#178			MG/KG				0.0120 J	0.0084 J	0.068 J
C17-BZ#180			MG/KG				0.045 J	0.038 J	0.27 J
C17-BZ#182/#187			MG/KG				0.0660 J	0.05 J	0.36 J
C17-BZ#183			MG/KG				0.02 J	0.016 J	0.12 J
C17-BZ#184			MG/KG				0.00024 J	0.00047 UJ	0.0007 J
C17-BZ#185			MG/KG				0.00098 J	0.0012 J	0.01 J
C17-BZ#188			MG/KG				0.00084 J	0.0009 J	0.0065 J
C17-BZ#189			MG/KG				0.00098 J	0.0011 J	0.009 J
C17-BZ#191			MG/KG				0.00095 J	0.0011 J	0.009 J
C17-BZ#193			MG/KG				0.0034 J	0.0031 J	0.024 J
C18-BZ#194			MG/KG				0.0061 J	0.0071 J	0.057 J
C18-BZ#195			MG/KG				0.0019 J	0.0022 J	0.017 J
C18-BZ#196/203			MG/KG				0.00880 J	0.0099 J	0.075 J
C18-BZ#197			MG/KG				0.00075 J	0.00073 J	0.0033 J
C18-BZ#199			MG/KG				0.00034 J	0.00042 J	0.0038 J
C18-BZ#200			MG/KG				0.00270 J	0.0022 J	0.011 J
C18-BZ#201			MG/KG				0.011 J	0.0092 J	0.057 J
C18-BZ#202			MG/KG				0.0069 J	0.005 J	0.027 J
C18-BZ#205			MG/KG				0.00027 J	0.00039 J	0.003 J
C19-BZ#206			MG/KG				0.0055 J	0.0084 J	0.054 J
C19-BZ#207			MG/KG				0.0009 J	0.0014 J	0.0068 J
C19-BZ#208			MG/KG				0.00330 J	0.0044 J	0.021 J
C110-BZ#209			MG/KG				0.0025 J	0.0055 J	0.021 J
Aroclor-1242			MG/KG				0.018 U	0.019 U	0.018 U
Aroclor-1248			MG/KG				0.63	13	88
Aroclor-1254			MG/KG				4.8	5	32
Aroclor-1260			MG/KG				0.37	0.33	2.5

TABLE 4- SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREAS II & III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2		NBH10-FF-B-2		NBH10-FF-A-3		NBH10-FF-B-3	
		Bluefish II Station A 6/18/2010		Bluefish II Station B 6/18/2010		Bluefish III Station A 6/18/2010		Bluefish III Station B 7/7/2010	
Lipids	PERCENT	1.6		3.0		1.4		1.4	
Total PCB Congeners ¹	MG/KG	0.14	J3	0.38	J3	0.85	J4	0.17	J3
Total PCB Congeners Hits ²	MG/KG	0.13		0.37		0.84		0.16	
Total NOAA Congeners ³	MG/KG	0.063	J3	0.20	J4	0.39	J4	0.087	J4
Total WHO Congeners ⁴	MG/KG	0.013	J2	0.044	J3	0.068	J3	0.018	J3
Total NOAA / WHO Combined ⁵	MG/KG	0.065	J3	0.21	J4	0.40	J4	0.091	J3
Total Aroclors ⁶	MG/KG	0.24	J3	0.71	J3	1.4	J4	0.30	J3
C11-BZ#1	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C11-BZ#3	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C12-BZ#4/#10	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
C12-BZ#5/#8	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
C12-BZ#6	MG/KG	0.00046	UJ	0.00045	UJ	0.00036	J	0.00047	UJ
C12-BZ#7	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C12-BZ#12/#13	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
C12-BZ#15	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C13-BZ#16/#32	MG/KG	0.00047	J	0.00054	J	0.0036	J	0.00094	UJ
C13-BZ#17	MG/KG	0.00037	J	0.00024	J	0.0028	J	0.00047	UJ
C13-BZ#18	MG/KG	0.00076	J	0.00050	J	0.0044	J	0.00029	J
C13-BZ#19	MG/KG	0.00046	UJ	0.00045	UJ	0.00026	J	0.00047	UJ
C13-BZ#21/#33	MG/KG	0.00092	UJ	0.00089	UJ	0.00090	J	0.00094	UJ
C13-BZ#22	MG/KG	0.00046	UJ	0.00023	J	0.0014	J	0.00047	UJ
C13-BZ#24/#27	MG/KG	0.00092	UJ	0.00089	UJ	0.0011	J	0.00094	UJ
C13-BZ#25	MG/KG	0.00051	J	0.00050	J	0.0037	J	0.00024	J
C13-BZ#26	MG/KG	0.0013	J	0.0011	J	0.015	J	0.00064	J
C13-BZ#28/#31	MG/KG	0.0027	J	0.0031	J	0.027	J	0.0015	J
C13-BZ#29	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C13-BZ#37	MG/KG	0.00046	UJ	0.00045	UJ	0.00026	J	0.00047	UJ
C14-BZ#40	MG/KG	0.00046	UJ	0.00037	J	0.0017	J	0.00047	UJ
C14-BZ#41/#71	MG/KG	0.0015	J	0.0022	J	0.011	J	0.00089	J
C14-BZ#42	MG/KG	0.00065	J	0.0010	J	0.0047	J	0.00033	J
C14-BZ#43/#49	MG/KG	0.0060	J	0.0072	J	0.058	J	0.0034	J
C14-BZ#44	MG/KG	0.0012	J	0.0022	J	0.012	J	0.00083	J
C14-BZ#45	MG/KG	0.00046	UJ	0.00045	UJ	0.0011	J	0.00047	UJ
C14-BZ#46	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C14-BZ#47/#48	MG/KG	0.0028	J	0.0040	J	0.022	J	0.0016	J
C14-BZ#50	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C14-BZ#51	MG/KG	0.00046	UJ	0.00045	UJ	0.0015	J	0.00047	UJ
C14-BZ#52	MG/KG	0.0063	J	0.0080	J	0.060	J	0.0034	J
C14-BZ#53	MG/KG	0.00027	J	0.00038	J	0.0038	J	0.00047	UJ
C14-BZ#54	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C14-BZ#56/#60	MG/KG	0.00058	J	0.0014	J	0.0027	J	0.00094	UJ
C14-BZ#63	MG/KG	0.00046	UJ	0.00044	J	0.0011	J	0.00047	UJ
C14-BZ#64	MG/KG	0.00038	J	0.00058	J	0.0048	J	0.00047	UJ
C14-BZ#66	MG/KG	0.0023	J	0.0061	J	0.012	J	0.0020	J
C14-BZ#70	MG/KG	0.0013	J	0.0032	J	0.0056	J	0.00098	J
C14-BZ#74	MG/KG	0.0017	J	0.0033	J	0.0095	J	0.0013	J
C14-BZ#76	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C14-BZ#77	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C14-BZ#81	MG/KG	0.00046	UJ	0.00045	UJ	0.00034	J	0.00047	UJ

TABLE 4- SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREAS II & III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2		NBH10-FF-B-2		NBH10-FF-A-3		NBH10-FF-B-3	
		Bluefish II Station A 6/18/2010		Bluefish II Station B 6/18/2010		Bluefish III Station A 6/18/2010		Bluefish III Station B 7/7/2010	
C15-BZ#82	MG/KG	0.00030	J	0.00093	J	0.0014	J	0.00029	J
C15-BZ#83	MG/KG	0.00037	J	0.00086	J	0.0022	J	0.00036	J
C15-BZ#85	MG/KG	0.00084	J	0.0027	J	0.0037	J	0.00098	J
C15-BZ#87	MG/KG	0.0015	J	0.0047	J	0.0083	J	0.0017	J
C15-BZ#89	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C15-BZ#91	MG/KG	0.0017	J	0.0026	J	0.014	J	0.0011	J
C15-BZ#92	MG/KG	0.0020	J	0.0042	J	0.011	J	0.0017	J
C15-BZ#95	MG/KG	0.0032	J	0.0063	J	0.023	J	0.0023	J
C15-BZ#97	MG/KG	0.0020	J	0.0054	J	0.012	J	0.0019	J
C15-BZ#99	MG/KG	0.0087	J	0.024	J	0.049	J	0.0088	J
C15-BZ#100	MG/KG	0.00026	J	0.00046	J	0.0019	J	0.00047	UJ
C15-BZ#101/#84	MG/KG	0.010	J	0.027	J	0.059	J	0.010	J
C15-BZ#104	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C15-BZ#105	MG/KG	0.0013	J	0.0050	J	0.0063	J	0.0018	J
C15-BZ#107	MG/KG	0.0010	J	0.0036	J	0.0047	J	0.0014	J
C15-BZ#110	MG/KG	0.0050	J	0.011	J	0.031	J	0.0039	J
C15-BZ#114	MG/KG	0.00046	UJ	0.00045	UJ	0.00046	J	0.00047	UJ
C15-BZ#118	MG/KG	0.0076	J	0.027	J	0.045	J	0.010	J
C15-BZ#119	MG/KG	0.00078	J	0.0014	J	0.0048	J	0.00061	J
C15-BZ#123	MG/KG	0.00046	UJ	0.0010	J	0.0022	J	0.00044	J
C15-BZ#124	MG/KG	0.00046	UJ	0.00038	J	0.00085	J	0.00047	UJ
C15-BZ#126	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C16-BZ#129	MG/KG	0.00046	UJ	0.00048	J	0.00083	J	0.00024	J
C16-BZ#130	MG/KG	0.00057	J	0.0019	J	0.0026	J	0.00079	J
C16-BZ#131	MG/KG	0.00046	UJ	0.00031	J	0.00058	J	0.00047	UJ
C16-BZ#132/#168	MG/KG	0.00087	J	0.0031	J	0.0041	J	0.00099	J
C16-BZ#134	MG/KG	0.00068	J	0.0020	J	0.0040	J	0.00084	J
C16-BZ#135/#144	MG/KG	0.00085	J	0.0027	J	0.0047	J	0.00096	J
C16-BZ#136	MG/KG	0.00054	J	0.0014	J	0.0040	J	0.00047	J
C16-BZ#137	MG/KG	0.00027	J	0.00097	J	0.0015	J	0.00045	J
C16-BZ#138/#163	MG/KG	0.0088	J	0.035	J	0.047	J	0.015	J
C16-BZ#141	MG/KG	0.00045	J	0.0015	J	0.0023	J	0.00064	J
C16-BZ#146	MG/KG	0.0027	J	0.011	J	0.014	J	0.0050	J
C16-BZ#147	MG/KG	0.00057	J	0.0012	J	0.0033	J	0.00065	J
C16-BZ#149	MG/KG	0.0056	J	0.015	J	0.034	J	0.0061	J
C16-BZ#151	MG/KG	0.0012	J	0.0040	J	0.0071	J	0.0016	J
C16-BZ#153	MG/KG	0.014	J	0.054	J	0.078	J	0.025	J
C16-BZ#154	MG/KG	0.00049	J	0.0015	J	0.0031	J	0.00070	J
C16-BZ#155	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C16-BZ#156	MG/KG	0.00051	J	0.0020	J	0.0030	J	0.00098	J
C16-BZ#157	MG/KG	0.00046	UJ	0.00068	J	0.00082	J	0.00033	J
C16-BZ#158	MG/KG	0.00064	J	0.0021	J	0.0037	J	0.00090	J
C16-BZ#167/#128	MG/KG	0.0016	J	0.0068	J	0.0090	J	0.0029	J
C16-BZ#169	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C17-BZ#170/#190	MG/KG	0.00074	J	0.0034	J	0.0044	J	0.0018	J
C17-BZ#171	MG/KG	0.00027	J	0.0011	J	0.0015	J	0.00061	J
C17-BZ#172	MG/KG	0.00024	J	0.00074	J	0.00092	J	0.00039	J
C17-BZ#173	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
C17-BZ#174	MG/KG	0.00037	J	0.0017	J	0.0020	J	0.00068	J
C17-BZ#175	MG/KG	0.00046	UJ	0.00033	J	0.00034	J	0.00047	UJ
C17-BZ#176	MG/KG	0.00046	UJ	0.00036	J	0.00044	J	0.00047	UJ
C17-BZ#177	MG/KG	0.00065	J	0.0027	J	0.0031	J	0.0012	J

TABLE 4- SUMMARY OF SAMPLE DATA FOR BLUEFISH (MG/KG WET WEIGHT) AREAS II & III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2		NBH10-FF-B-2		NBH10-FF-A-3		NBH10-FF-B-3	
		Bluefish II Station A 6/18/2010		Bluefish II Station B 6/18/2010		Bluefish III Station A 6/18/2010		Bluefish III Station B 7/7/2010	
CI7-BZ#178	MG/KG	0.00056	J	0.0023	J	0.0025	J	0.0010	J
CI7-BZ#180	MG/KG	0.0019	J	0.0080	J	0.010	J	0.0045	J
CI7-BZ#182/#187	MG/KG	0.0026	J	0.011	J	0.013	J	0.0056	J
CI7-BZ#183	MG/KG	0.00082	J	0.0034	J	0.0041	J	0.0017	J
CI7-BZ#184	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
CI7-BZ#185	MG/KG	0.00046	UJ	0.00045	UJ	0.00028	J	0.00047	UJ
CI7-BZ#188	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
CI7-BZ#189	MG/KG	0.00046	UJ	0.00045	UJ	0.00031	J	0.00047	UJ
CI7-BZ#191	MG/KG	0.00046	UJ	0.00045	UJ	0.00029	J	0.00047	UJ
CI7-BZ#193	MG/KG	0.00046	UJ	0.00058	J	0.00073	J	0.00036	J
CI8-BZ#194	MG/KG	0.00044	J	0.0016	J	0.0020	J	0.0010	J
CI8-BZ#195	MG/KG	0.00046	UJ	0.00044	J	0.00052	J	0.00024	J
CI8-BZ#196/203	MG/KG	0.00065	J	0.0023	J	0.0029	J	0.0014	J
CI8-BZ#197	MG/KG	0.00046	UJ	0.00025	J	0.00047	UJ	0.00047	UJ
CI8-BZ#199	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
CI8-BZ#200	MG/KG	0.00024	J	0.00072	J	0.00080	J	0.00042	J
CI8-BZ#201	MG/KG	0.00076	J	0.0025	J	0.0029	J	0.0015	J
CI8-BZ#202	MG/KG	0.00050	J	0.0016	J	0.0017	J	0.00092	J
CI8-BZ#205	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
CI9-BZ#206	MG/KG	0.00076	J	0.0024	J	0.0027	J	0.0016	J
CI9-BZ#207	MG/KG	0.00046	UJ	0.00039	J	0.00047	J	0.00031	J
CI9-BZ#208	MG/KG	0.00042	J	0.0014	J	0.0015	J	0.00090	J
CI10-BZ#209	MG/KG	0.00050	J	0.0016	J	0.0017	J	0.0014	J
Aroclor-1242	MG/KG	0.018	UJ	0.018	U	0.019	U	0.019	U
Aroclor-1248	MG/KG	0.072	J	0.069		0.45		0.019	U
Aroclor-1254	MG/KG	0.15	J	0.56		0.88		0.23	
Aroclor-1260	MG/KG	0.018	UJ	0.075		0.092		0.050	

TABLE 5- SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREAS II & III 2010

Sample#	Species	Area	Station	Sample Date	NBH10-SF-B-2		NBH10-SF-A-3		NBH10-SF-C-3		NBH10-SF-D-3			
					Conch II	Station B	Conch III	Station A	Conch III	Station C	Conch III	Station D		
Parameter	Units													
Lipids	PERCENT				0.40			0.60			0.31		0.34	
Total PCB Congeners ¹	MG/KG				0.60	J3		0.14	J2		0.11	J2	0.19	J3
Total PCB Congeners Hits ²	MG/KG				0.58			0.13			0.091		0.17	
Total NOAA Congeners ³	MG/KG				0.30	J4		0.070	J3		0.050	J3	0.097	J4
Total WHO Congeners ⁴	MG/KG				0.067	J3		0.014	J2		0.011	J2	0.024	J3
Total NOAA / WHO Combined ⁵	MG/KG				0.31	J4		0.072	J3		0.052	J3	0.10	J3
Total Aroclors ⁶	MG/KG				1.0	J4		0.25	J3		0.16	J2	0.35	J3
C11-BZ#1	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C11-BZ#3	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C12-BZ#4/#10	MG/KG				0.00094	U		0.00088	U		0.00092	U	0.00087	U
C12-BZ#5/#8	MG/KG				0.00094	U		0.00088	U		0.00092	U	0.00087	U
C12-BZ#6	MG/KG				0.00050			0.00044	U		0.00046	U	0.00043	U
C12-BZ#7	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C12-BZ#12/#13	MG/KG				0.00094	U		0.00088	U		0.00092	U	0.00087	U
C12-BZ#15	MG/KG				0.00056			0.00044	U		0.00046	U	0.00043	U
C13-BZ#16/#32	MG/KG				0.00051	J		0.00088	U		0.00092	U	0.00087	U
C13-BZ#17	MG/KG				0.00029	J		0.00044	U		0.00046	U	0.00043	U
C13-BZ#18	MG/KG				0.0022			0.00064			0.00063		0.00033	J
C13-BZ#19	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C13-BZ#21/#33	MG/KG				0.00094	U		0.00088	U		0.00092	U	0.00087	U
C13-BZ#22	MG/KG				0.00056			0.00044	U		0.00046	U	0.00043	U
C13-BZ#24/#27	MG/KG				0.00094	U		0.00088	U		0.00092	U	0.00087	U
C13-BZ#25	MG/KG				0.00063			0.00024	J		0.00046	U	0.00023	J
C13-BZ#26	MG/KG				0.0085			0.00079			0.00053		0.00057	
C13-BZ#28/#31	MG/KG				0.019	J		0.0025	J		0.0013	J	0.0018	J
C13-BZ#29	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C13-BZ#37	MG/KG				0.00084	J		0.00044	U		0.00046	U	0.00043	U
C14-BZ#40	MG/KG				0.0015			0.00044	U		0.00046	U	0.00027	J
C14-BZ#41/#71	MG/KG				0.0089			0.0010			0.00065	J	0.0010	
C14-BZ#42	MG/KG				0.0013			0.00044	U		0.00025	J	0.00042	J
C14-BZ#43/#49	MG/KG				0.030	J		0.0036			0.0036		0.0050	
C14-BZ#44	MG/KG				0.0070			0.0011			0.0011		0.0012	
C14-BZ#45	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#46	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#47/#48	MG/KG				0.0062			0.0026			0.0011		0.0019	
C14-BZ#50	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#51	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#52	MG/KG				0.035	J		0.0048			0.0030		0.0043	
C14-BZ#53	MG/KG				0.00045	J		0.00077			0.00038	J	0.00030	J
C14-BZ#54	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#56/#60	MG/KG				0.0029			0.00054	J		0.00092	U	0.00072	J
C14-BZ#63	MG/KG				0.0014			0.00024	J		0.00046	U	0.00023	J
C14-BZ#64	MG/KG				0.00064			0.00044	U		0.00046	U	0.00043	U
C14-BZ#66	MG/KG				0.014	J		0.0025	J		0.0017	J	0.0039	J
C14-BZ#70	MG/KG				0.0086	J		0.0020			0.0013		0.0020	
C14-BZ#74	MG/KG				0.0097	J		0.0011			0.00070		0.0021	
C14-BZ#76	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U
C14-BZ#77	MG/KG				0.0012	J		0.00044	U		0.00046	U	0.00041	J
C14-BZ#81	MG/KG				0.00047	U		0.00044	U		0.00046	U	0.00043	U

TABLE 5- SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREAS II & III 2010

Sample#	Species	Area	Station	Sample Date	Units	NBH10-SF-B-2		NBH10-SF-A-3		NBH10-SF-C-3		NBH10-SF-D-3	
						Conch II	Station B	Conch III	Station A	Conch III	Station C	Conch III	Station D
						11/2/2010	11/1/2010	11/1/2010	11/1/2010				
C15-BZ#82					MG/KG	0.00045	J	0.00044	U	0.00046	U	0.00031	J
C15-BZ#83					MG/KG	0.0024		0.00060		0.00040	J	0.00063	
C15-BZ#85					MG/KG	0.0038		0.0012		0.00082		0.0017	
C15-BZ#87					MG/KG	0.0070		0.0011		0.0012		0.0021	
C15-BZ#89					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C15-BZ#91					MG/KG	0.0058		0.00046		0.00085		0.0014	
C15-BZ#92					MG/KG	0.011		0.0022		0.0015		0.0025	
C15-BZ#95					MG/KG	0.0089	J	0.0024		0.0019		0.0024	
C15-BZ#97					MG/KG	0.0062		0.00075		0.0011		0.0011	
C15-BZ#99					MG/KG	0.039	J	0.011		0.0068		0.015	
C15-BZ#100					MG/KG	0.00078		0.00031	J	0.00046	U	0.00043	U
C15-BZ#101/#84					MG/KG	0.042	J	0.0098		0.0080		0.012	
C15-BZ#104					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C15-BZ#105					MG/KG	0.0074	J	0.0012	J	0.00099	J	0.0023	J
C15-BZ#107					MG/KG	0.0052		0.0013		0.00084		0.0017	
C15-BZ#110					MG/KG	0.023	J	0.0045	J	0.0043	J	0.0053	J
C15-BZ#114					MG/KG	0.00063		0.00044	U	0.00046	U	0.00043	U
C15-BZ#118					MG/KG	0.043	J	0.0082	J	0.0055	J	0.015	J
C15-BZ#119					MG/KG	0.0034		0.00084		0.00053		0.0012	
C15-BZ#123					MG/KG	0.0015		0.00044	U	0.00027	J	0.00056	
C15-BZ#124					MG/KG	0.00092		0.00030	J	0.00046	U	0.00028	J
C15-BZ#126					MG/KG	0.00047	UJ	0.00044	UJ	0.00046	UJ	0.00043	UJ
C16-BZ#129					MG/KG	0.00057		0.00044	U	0.00046	U	0.00043	U
C16-BZ#130					MG/KG	0.0027		0.00069		0.00044	J	0.00085	
C16-BZ#131					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C16-BZ#132/#168					MG/KG	0.0026		0.00057	J	0.00087	J	0.0014	
C16-BZ#134					MG/KG	0.0033		0.00086		0.00054		0.0010	
C16-BZ#135/#144					MG/KG	0.0032		0.0011		0.00077	J	0.0012	
C16-BZ#136					MG/KG	0.00078		0.00038	J	0.00029	J	0.00054	
C16-BZ#137					MG/KG	0.0017		0.00025	J	0.00030	J	0.00047	
C16-BZ#138/#163					MG/KG	0.043	J	0.012		0.0087		0.017	
C16-BZ#141					MG/KG	0.0016		0.00026	J	0.00024	J	0.00027	J
C16-BZ#146					MG/KG	0.014		0.0034		0.0023		0.0049	
C16-BZ#147					MG/KG	0.0024		0.00063		0.00042	J	0.00063	
C16-BZ#149					MG/KG	0.020	J	0.0050	J	0.0047	J	0.0074	J
C16-BZ#151					MG/KG	0.0035	J	0.00091	J	0.00067	J	0.0011	J
C16-BZ#153					MG/KG	0.065	J	0.020	J	0.014	J	0.030	J
C16-BZ#154					MG/KG	0.0018		0.00062		0.00038	J	0.00067	
C16-BZ#155					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C16-BZ#156					MG/KG	0.0035	J	0.00045	J	0.00044	J	0.00087	J
C16-BZ#157					MG/KG	0.00074		0.00044	U	0.00046	U	0.00025	J
C16-BZ#158					MG/KG	0.0036		0.00065		0.00070		0.0011	
C16-BZ#167/#128					MG/KG	0.0084		0.0026		0.0018		0.0036	
C16-BZ#169					MG/KG	0.00047	UJ	0.00044	UJ	0.00046	UJ	0.00043	UJ
C17-BZ#170/#190					MG/KG	0.0024	J	0.00054	J	0.00092	UJ	0.00059	J
C17-BZ#171					MG/KG	0.00076		0.00023	J	0.00046	U	0.00024	J
C17-BZ#172					MG/KG	0.00060		0.00044	U	0.00046	U	0.00043	U
C17-BZ#173					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C17-BZ#174					MG/KG	0.0010		0.0003	J	0.00046	U	0.00027	J
C17-BZ#175					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C17-BZ#176					MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
C17-BZ#177					MG/KG	0.0018		0.00062		0.00031	J	0.00053	

TABLE 5- SUMMARY OF SAMPLE DATA FOR CONCH (MG/KG WET WEIGHT) AREAS II & III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2 Conch II Station B 11/2/2010		NBH10-SF-A-3 Conch III Station A 11/1/2010		NBH10-SF-C-3 Conch III Station C 11/1/2010		NBH10-SF-D-3 Conch III Station D 11/1/2010	
CI7-BZ#178	MG/KG	0.0016		0.00037	J	0.00046	U	0.00042	J
CI7-BZ#180	MG/KG	0.0072	J	0.0012		0.00083		0.0018	
CI7-BZ#182/#187	MG/KG	0.0077	J	0.0020	J	0.0012	J	0.0025	J
CI7-BZ#183	MG/KG	0.0020		0.00063		0.00055		0.00078	
CI7-BZ#184	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI7-BZ#185	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI7-BZ#188	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI7-BZ#189	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI7-BZ#191	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI7-BZ#193	MG/KG	0.00053		0.00044	U	0.00046	U	0.00043	U
CI8-BZ#194	MG/KG	0.00067		0.00044	U	0.00046	U	0.00043	U
CI8-BZ#195	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI8-BZ#196/203	MG/KG	0.00061	J	0.00088	U	0.00092	U	0.00087	U
CI8-BZ#197	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI8-BZ#199	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI8-BZ#200	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI8-BZ#201	MG/KG	0.00087		0.00026	J	0.00046	U	0.00026	J
CI8-BZ#202	MG/KG	0.00041	J	0.00044	U	0.00046	U	0.00043	U
CI8-BZ#205	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI9-BZ#206	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI9-BZ#207	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI9-BZ#208	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
CI10-BZ#209	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Aroclor-1242	MG/KG	0.019	U	0.018	U	0.018	U	0.017	U
Aroclor-1248	MG/KG	0.28		0.043		0.018	U	0.047	
Aroclor-1254	MG/KG	0.70		0.19		0.14		0.29	
Aroclor-1260	MG/KG	0.04		0.018	U	0.018	U	0.017	U

TABLE 6A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA II 2010

Sample# Species Area Station Sample Date Units		NBH10-SF-B-2 Quahogs II Station B 5/10/2010	NBH10-SF-C-2 Quahogs II Station C 5/11/2010	NBH10-SF-D-2 Quahogs II Station D 5/11/2010	NBH10-SF-F-2 Quahogs II Station F 5/11/2010	NBH10-SF-G-2 Quahogs II Station G 5/10/2010	NBH10-SF-H-2 Quahogs II Station H 5/11/2010
Lipids	PERCENT	0.25	0.33	0.50	0.38	0.32	0.41
Total PCB Congeners ¹	MG/KG	0.057 J2	0.40 J3	0.29 J3	0.10 J2	0.068 J2	0.16 J3
Total PCB Congeners Hits ²	MG/KG	0.037	0.39	0.28	0.087	0.051	0.15
Total NOAA Congeners ³	MG/KG	0.020 J3	0.17 J4	0.12 J4	0.040 J3	0.025 J3	0.068 J3
Total WHO Congeners ⁴	MG/KG	0.0053 J2	0.026 J3	0.017 J3	0.0068 J2	0.0061 J2	0.011 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.022 J2	0.17 J4	0.12 J3	0.042 J3	0.028 J2	0.071 J3
Total Aroclors ⁶	MG/KG	0.069 J2	0.52 J3	0.37 J3	0.13 J2	0.078 J2	0.22 J3
C11-BZ#1	MG/KG	0.00045 UJ	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C11-BZ#3	MG/KG	0.00045 UJ	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C12-BZ#4/#10	MG/KG	0.00089 U	0.00066 J	0.00089 U	0.00087 U	0.00088 U	0.00086 U
C12-BZ#5/#8	MG/KG	0.00089 U	0.0015	0.00063 J	0.00087 U	0.00088 U	0.00086 U
C12-BZ#6	MG/KG	0.00045 U	0.00096	0.00051	0.00023 J	0.00044 U	0.00023 J
C12-BZ#7	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C12-BZ#12/#13	MG/KG	0.00089 U	0.00054 J	0.00061 J	0.00087 U	0.00088 U	0.00086 U
C12-BZ#15	MG/KG	0.00045 UJ	0.0011	0.00073	0.00025 J	0.00044 U	0.00035 J
C13-BZ#16/#32	MG/KG	0.00089 U	0.0033	0.0024	0.00064 J	0.00088 U	0.0010
C13-BZ#17	MG/KG	0.00045 U	0.0026	0.0020	0.00056	0.00044 U	0.00080
C13-BZ#18	MG/KG	0.00025 UJ	0.0060	0.0044	0.0012	0.00029 J	0.0019
C13-BZ#19	MG/KG	0.00045 U	0.00065	0.00038 J	0.00044 U	0.00044 U	0.00043 U
C13-BZ#21/#33	MG/KG	0.00089 U	0.0020	0.0012	0.00087 U	0.00088 U	0.00063 J
C13-BZ#22	MG/KG	0.00045 U	0.0018	0.0014	0.00042 J	0.00044 U	0.00068
C13-BZ#24/#27	MG/KG	0.00089 U	0.0010	0.00085 J	0.00087 U	0.00088 U	0.00086 U
C13-BZ#25	MG/KG	0.00033 U	0.0055	0.0051	0.0014	0.00036 J	0.0021
C13-BZ#26	MG/KG	0.00060 U	0.011	0.0097	0.0029	0.00083	0.0044
C13-BZ#28/#31	MG/KG	0.0014 U	0.026	0.022	0.0064	0.0019	0.010
C13-BZ#29	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C13-BZ#37	MG/KG	0.00045 U	0.0012	0.00084	0.00027 J	0.00044 U	0.00036 J
C14-BZ#40	MG/KG	0.00045 U	0.0015	0.0012	0.00033 J	0.00044 U	0.00063
C14-BZ#41/#71	MG/KG	0.00057 J	0.0072	0.0051	0.0016	0.00083 J	0.0026
C14-BZ#42	MG/KG	0.00026 U	0.0028	0.0023	0.00058	0.00029 J	0.00079
C14-BZ#43/#49	MG/KG	0.0016 U	0.027	0.020	0.0060	0.0025	0.0095
C14-BZ#44	MG/KG	0.00060	0.0077	0.0057	0.0018	0.00079	0.0027
C14-BZ#45	MG/KG	0.00045 U	0.00090	0.00059	0.00044 U	0.00044 U	0.00030 J
C14-BZ#46	MG/KG	0.00045 U	0.00063	0.00063	0.00044 U	0.00044 U	0.00043 U
C14-BZ#47/#48	MG/KG	0.00082	0.012	0.0083	0.0027	0.0012	0.0038
C14-BZ#50	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C14-BZ#51	MG/KG	0.00045 U	0.00077	0.00056	0.00022 J	0.00044 U	0.00028 J
C14-BZ#52	MG/KG	0.0021 U	0.031	0.023	0.0072	0.0031	0.012
C14-BZ#53	MG/KG	0.00045 U	0.0025	0.0016	0.00050	0.00044 U	0.00072
C14-BZ#54	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C14-BZ#56/#60	MG/KG	0.00089 U	0.0042	0.0026	0.00084 J	0.00052 J	0.0013
C14-BZ#63	MG/KG	0.00045 J	0.00083	0.00064	0.00026 J	0.00044 U	0.00031 J
C14-BZ#64	MG/KG	0.00024 J	0.0043	0.0033	0.00095	0.00033 J	0.0015
C14-BZ#66	MG/KG	0.0011	0.0098	0.0063	0.0019	0.0014	0.0033
C14-BZ#70	MG/KG	0.00093	0.0086	0.0056	0.0018	0.0012	0.0029
C14-BZ#74	MG/KG	0.00053	0.0065	0.0043	0.0013	0.00074	0.0023
C14-BZ#76	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U
C14-BZ#77	MG/KG	0.00045 U	0.0010	0.00075	0.00031 J	0.00025 J	0.00031 J
C14-BZ#81	MG/KG	0.00045 U	0.00046 U	0.00045 U	0.00044 U	0.00044 U	0.00043 U

TABLE 6A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 5/10/2010		Quahogs II Station C 5/11/2010		Quahogs II Station D 5/11/2010		Quahogs II Station F 5/11/2010		Quahogs II Station G 5/10/2010		Quahogs II Station H 5/11/2010	
C15-BZ#82	MG/KG	0.00045	U	0.00087		0.00052		0.00044	U	0.00044	U	0.00031	J
C15-BZ#83	MG/KG	0.00045	J	0.0013		0.00088		0.00039	J	0.00044	U	0.00058	
C15-BZ#85	MG/KG	0.00033	J	0.0018		0.0011		0.00040	J	0.00034	J	0.00076	
C15-BZ#87	MG/KG	0.00055		0.0055		0.0031		0.0011		0.00076		0.0020	
C15-BZ#89	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C15-BZ#91	MG/KG	0.00045	J	0.0049		0.0036		0.00096		0.00056		0.0018	
C15-BZ#92	MG/KG	0.00087		0.0057		0.0041		0.0016		0.00096		0.0027	
C15-BZ#95	MG/KG	0.0012	J	0.011		0.0079		0.0027		0.0015		0.0044	
C15-BZ#97	MG/KG	0.00063		0.0048		0.0033		0.00099		0.00079		0.0017	
C15-BZ#99	MG/KG	0.0025		0.018		0.013		0.0044		0.0032		0.0071	
C15-BZ#100	MG/KG	0.00045	U	0.00068		0.00053		0.00044	U	0.00044	U	0.00026	J
C15-BZ#101/#84	MG/KG	0.0034	U	0.026		0.017		0.0061		0.0044		0.011	
C15-BZ#104	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C15-BZ#105	MG/KG	0.00048		0.0034		0.0020		0.00070		0.00062		0.0013	
C15-BZ#107	MG/KG	0.00046	J	0.0020		0.0015		0.00068		0.00054		0.00096	
C15-BZ#110	MG/KG	0.0020		0.018		0.012		0.0037		0.0025		0.0075	
C15-BZ#114	MG/KG	0.00045	U	0.00031	J	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C15-BZ#118	MG/KG	0.0024		0.016		0.010		0.0035		0.0028		0.0063	
C15-BZ#119	MG/KG	0.00045	J	0.0020		0.0015		0.00048		0.00028	J	0.00082	
C15-BZ#123	MG/KG	0.00045	U	0.00083		0.00060		0.00044	U	0.00044	U	0.00032	J
C15-BZ#124	MG/KG	0.00045	U	0.00063		0.00040	J	0.00044	U	0.00044	U	0.00024	J
C15-BZ#126	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C16-BZ#129	MG/KG	0.00045	U	0.00045	J	0.00025	J	0.00044	U	0.00044	U	0.00043	U
C16-BZ#130	MG/KG	0.00028	U	0.0011		0.00063		0.00027	J	0.00025	J	0.00071	
C16-BZ#131	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C16-BZ#132/#168	MG/KG	0.00045	U	0.0028		0.0017		0.00063	J	0.00062	J	0.0015	
C16-BZ#134	MG/KG	0.00025	U	0.0014		0.00088		0.00035	J	0.00030	J	0.00065	
C16-BZ#135/#144	MG/KG	0.00089	U	0.0025		0.0017		0.00070	J	0.00053	J	0.0011	
C16-BZ#136	MG/KG	0.00045	U	0.0014		0.0011		0.00030	J	0.00025	J	0.00056	
C16-BZ#137	MG/KG	0.00045	U	0.00098		0.00056		0.00044	U	0.00044	U	0.00036	J
C16-BZ#138/#163	MG/KG	0.0024		0.013		0.0081		0.0031		0.0029		0.0065	
C16-BZ#141	MG/KG	0.00045	U	0.0011		0.00058		0.00024	J	0.00044	U	0.00041	J
C16-BZ#146	MG/KG	0.00090		0.0043		0.0031		0.0013		0.0012		0.0021	
C16-BZ#147	MG/KG	0.00045	U	0.0012		0.00083		0.00035	J	0.00022	J	0.00055	
C16-BZ#149	MG/KG	0.0016		0.012		0.0086		0.0028		0.0020		0.0048	
C16-BZ#151	MG/KG	0.00026	U	0.0012		0.00089		0.00034	J	0.00033	J	0.00054	
C16-BZ#153	MG/KG	0.0033		0.018		0.012		0.0046		0.0041		0.0084	
C16-BZ#154	MG/KG	0.00045	U	0.00067		0.00050		0.00044	U	0.00044	U	0.00028	J
C16-BZ#155	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C16-BZ#156	MG/KG	0.00045	U	0.0012		0.00064		0.00024	J	0.00031	J	0.00056	
C16-BZ#157	MG/KG	0.00045	U	0.00027	J	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C16-BZ#158	MG/KG	0.00045	U	0.00067		0.00039	J	0.00044	U	0.00044	U	0.00032	J
C16-BZ#167/#128	MG/KG	0.00051	J	0.0023		0.0015		0.00054	J	0.00059	J	0.0011	
C16-BZ#169	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#170/#190	MG/KG	0.00089	U	0.00081	J	0.00056	J	0.00087	U	0.00088	U	0.00086	U
C17-BZ#171	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#172	MG/KG	0.00045	U	0.00035	J	0.00029	J	0.00044	U	0.00044	U	0.00043	U
C17-BZ#173	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#174	MG/KG	0.00045	U	0.00083		0.00051		0.00044	U	0.00025	J	0.00042	J
C17-BZ#175	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#176	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#177	MG/KG	0.00024	J	0.0010		0.00052		0.00027	J	0.00037	J	0.00064	

TABLE 6A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 5/10/2010		Quahogs II Station C 5/11/2010		Quahogs II Station D 5/11/2010		Quahogs II Station F 5/11/2010		Quahogs II Station G 5/10/2010		Quahogs II Station H 5/11/2010	
C17-BZ#178	MG/KG	0.00045	U	0.00040	J	0.00033	J	0.00044	U	0.00044	U	0.00023	J
C17-BZ#180	MG/KG	0.00042	J	0.0022		0.0013		0.00052		0.00055		0.0011	
C17-BZ#182/#187	MG/KG	0.00049	J	0.0024		0.0016		0.00074	J	0.00066	J	0.0013	
C17-BZ#183	MG/KG	0.00045	U	0.00043	J	0.00030	J	0.00044	U	0.00044	U	0.00029	J
C17-BZ#184	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#185	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#188	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#189	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#191	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C17-BZ#193	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#194	MG/KG	0.00045	U	0.00047		0.00023	J	0.00044	U	0.00044	U	0.00033	J
C18-BZ#195	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#196/203	MG/KG	0.00089	U	0.00093	U	0.00089	U	0.00087	U	0.00088	U	0.00086	U
C18-BZ#197	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#199	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#200	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#201	MG/KG	0.00045	U	0.00035	J	0.00045	U	0.00044	U	0.00044	U	0.00027	J
C18-BZ#202	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C18-BZ#205	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C19-BZ#206	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C19-BZ#207	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C19-BZ#208	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
C110-BZ#209	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Aroclor-1242	MG/KG	0.018	U	0.019	U	0.018	U	0.017	U	0.018	U	0.017	U
Aroclor-1248	MG/KG	0.018	U	0.25		0.18		0.055		0.018	U	0.089	
Aroclor-1254	MG/KG	0.042		0.26		0.18		0.062		0.052		0.11	
Aroclor-1260	MG/KG	0.018	U	0.019	U	0.018	U	0.017	U	0.018	U	0.017	U

TABLE 6B- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3		NBH10-SF-D-3		NBH10-SF-I-3		NBH10-SF-J-3	
		Quahogs III Station B 5/11/2010		Quahogs III Station D 5/10/2010		Quahogs III Station I 5/10/2010		Quahogs III Station J 5/10/2010	
Lipids	PERCENT	0.35		0.33		0.65		0.29	
Total PCB Congeners ¹	MG/KG	0.047	J2	0.050	J2	0.064	J2	0.046	J1
Total PCB Congeners Hits ²	MG/KG	0.024		0.027		0.045		0.021	
Total NOAA Congeners ³	MG/KG	0.015	J2	0.016	J2	0.023	J3	0.014	J2
Total WHO Congeners ⁴	MG/KG	0.0044	J1	0.0044	J1	0.0057	J2	0.0041	J1
Total NOAA / WHO Combined ⁵	MG/KG	0.017	J2	0.018	J2	0.025	J2	0.016	J2
Total Aroclors ⁶	MG/KG	0.054	J2	0.057	J2	0.076	J2	0.063	J2
C11-BZ#1	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C11-BZ#3	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C12-BZ#4/#10	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C12-BZ#5/#8	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C12-BZ#6	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C12-BZ#7	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C12-BZ#12/#13	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C12-BZ#15	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C13-BZ#16/#32	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C13-BZ#17	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C13-BZ#18	MG/KG	0.00044	U	0.00032	J	0.00029	J	0.00046	U
C13-BZ#19	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C13-BZ#21/#33	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C13-BZ#22	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C13-BZ#24/#27	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C13-BZ#25	MG/KG	0.00044	U	0.00032	J	0.00038	J	0.00046	U
C13-BZ#26	MG/KG	0.00032	J	0.00073		0.00067		0.00040	J
C13-BZ#28/#31	MG/KG	0.0011		0.0015		0.0015		0.00088	J
C13-BZ#29	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C13-BZ#37	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#40	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#41/#71	MG/KG	0.00088	U	0.00090	U	0.00049	J	0.00092	U
C14-BZ#42	MG/KG	0.00044	U	0.00045	U	0.00031	J	0.00046	U
C14-BZ#43/#49	MG/KG	0.0010		0.0017		0.0020		0.0013	
C14-BZ#44	MG/KG	0.00048		0.00054		0.00064		0.00042	J
C14-BZ#45	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#46	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#47/#48	MG/KG	0.00069	J	0.00068	J	0.00091		0.00053	J
C14-BZ#50	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#51	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#52	MG/KG	0.0016		0.0021		0.0024		0.0014	
C14-BZ#53	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#54	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#56/#60	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C14-BZ#63	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#64	MG/KG	0.00024	J	0.00024	J	0.00035	J	0.00046	U
C14-BZ#66	MG/KG	0.00085		0.00071		0.0011		0.00057	
C14-BZ#70	MG/KG	0.00056		0.00066		0.00087		0.00052	
C14-BZ#74	MG/KG	0.00037	J	0.00037	J	0.00058		0.00038	J
C14-BZ#76	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#77	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C14-BZ#81	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U

TABLE 6B- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 5/11/2010		NBH10-SF-D-3 Quahogs III Station D 5/10/2010		NBH10-SF-I-3 Quahogs III Station I 5/10/2010		NBH10-SF-J-3 Quahogs III Station J 5/10/2010	
C15-BZ#82	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#83	MG/KG	0.00044	U	0.00045	U	0.00025	J	0.00046	U
C15-BZ#85	MG/KG	0.00025	J	0.00024	J	0.00039	J	0.00046	U
C15-BZ#87	MG/KG	0.00052		0.00040	J	0.00066		0.00033	J
C15-BZ#89	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#91	MG/KG	0.00023	J	0.00037	J	0.00050		0.00028	J
C15-BZ#92	MG/KG	0.00060		0.00054		0.00098		0.00052	
C15-BZ#95	MG/KG	0.00086		0.00095		0.0013		0.00069	
C15-BZ#97	MG/KG	0.00042	J	0.00048		0.00066		0.00041	J
C15-BZ#99	MG/KG	0.0017		0.0019		0.0030		0.0016	
C15-BZ#100	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#101/#84	MG/KG	0.0024		0.0025		0.0036		0.0021	
C15-BZ#104	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#105	MG/KG	0.00042	J	0.00034	J	0.00054		0.00025	J
C15-BZ#107	MG/KG	0.00036	J	0.00037	J	0.00058		0.00028	J
C15-BZ#110	MG/KG	0.0014		0.0013		0.0026		0.0011	
C15-BZ#114	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#118	MG/KG	0.0016		0.0016		0.0026		0.0014	
C15-BZ#119	MG/KG	0.00044	U	0.00045	U	0.00032	J	0.00046	U
C15-BZ#123	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#124	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C15-BZ#126	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#129	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#130	MG/KG	0.00024	J	0.00023	J	0.00030	J	0.00046	U
C16-BZ#131	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#132/#168	MG/KG	0.00088	U	0.00090	U	0.00061	J	0.00092	U
C16-BZ#134	MG/KG	0.00044	U	0.00045	U	0.00034	J	0.00046	U
C16-BZ#135/#144	MG/KG	0.00088	U	0.00090	U	0.00049	J	0.00092	U
C16-BZ#136	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#137	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#138/#163	MG/KG	0.0017		0.0016		0.0032		0.0018	
C16-BZ#141	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#146	MG/KG	0.00068		0.00069		0.0011		0.00060	
C16-BZ#147	MG/KG	0.00044	U	0.00045	U	0.00024	J	0.00046	U
C16-BZ#149	MG/KG	0.0011		0.0012		0.0019		0.00098	
C16-BZ#151	MG/KG	0.00044	U	0.00045	U	0.00024	J	0.00046	U
C16-BZ#153	MG/KG	0.0020		0.0024		0.0038		0.0023	
C16-BZ#154	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#155	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#156	MG/KG	0.00044	U	0.00045	U	0.00025	J	0.00046	U
C16-BZ#157	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#158	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C16-BZ#167/#128	MG/KG	0.00088	U	0.00090	U	0.00056	J	0.00092	U
C16-BZ#169	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#170/#190	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
C17-BZ#171	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#172	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#173	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#174	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#175	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#176	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
C17-BZ#177	MG/KG	0.00024	J	0.00045	U	0.00035	J	0.00046	U

TABLE 6B- SUMMARY OF SAMPLE DATA FOR QUAHOGS-PRE SPAWN (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 5/11/2010		NBH10-SF-D-3 Quahogs III Station D 5/10/2010		NBH10-SF-I-3 Quahogs III Station I 5/10/2010		NBH10-SF-J-3 Quahogs III Station J 5/10/2010	
CI7-BZ#178	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#180	MG/KG	0.00031	J	0.00028	J	0.00052		0.00028	J
CI7-BZ#182/#187	MG/KG	0.00088	U	0.00090	U	0.00061	J	0.00092	U
CI7-BZ#183	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#184	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#185	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#188	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#189	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#191	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI7-BZ#193	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#194	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#195	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#196/203	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
CI8-BZ#197	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#199	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#200	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#201	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#202	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI8-BZ#205	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI9-BZ#206	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI9-BZ#207	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI9-BZ#208	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
CI10-BZ#209	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Aroclor-1242	MG/KG	0.018	U	0.018	U	0.018	U	0.018	U
Aroclor-1248	MG/KG	0.018	U	0.018	U	0.018	U	0.018	U
Aroclor-1254	MG/KG	0.028		0.030		0.049		0.036	
Aroclor-1260	MG/KG	0.018	U	0.018	U	0.018	U	0.018	U

TABLE 7A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 8/9/2010		Quahogs II Station C 8/9/2010		Quahogs II Station D 8/9/2010		Quahogs II Station F 8/10/2010		Quahogs II Station G 8/9/2010		Quahogs II Station H 8/9/2010	
Lipids	PERCENT	0.25		0.34		0.17		0.39		0.14		0.18	
Total PCB Congeners ¹	MG/KG	0.091	J2	0.46	J3	0.10	J2	0.096	J2	0.058	J2	0.10	J2
Total PCB Congeners Hits ²	MG/KG	0.074		0.45		0.090		0.080		0.040		0.089	
Total NOAA Congeners ³	MG/KG	0.036	J3	0.20	J4	0.042	J3	0.037	J3	0.021	J3	0.042	J3
Total WHO Congeners ⁴	MG/KG	0.013	J2	0.033	J3	0.0084	J2	0.0073	J2	0.0058	J2	0.0085	J2
Total NOAA / WHO Combined ⁵	MG/KG	0.042	J3	0.20	J4	0.044	J3	0.039	J3	0.023	J2	0.044	J3
Total Aroclors ⁶	MG/KG	0.13	J2	0.59	J3	0.14	J2	0.12	J2	0.069	J2	0.14	J2
C11-BZ#1	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C11-BZ#3	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C12-BZ#4/#10	MG/KG	0.00090	U	0.00065	J	0.00087	U	0.00087	U	0.00086	U	0.00090	U
C12-BZ#5/#8	MG/KG	0.00090	U	0.0018		0.00087	U	0.00087	U	0.00086	U	0.00090	U
C12-BZ#6	MG/KG	0.00045	U	0.0013		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C12-BZ#7	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C12-BZ#12/#13	MG/KG	0.00090	U	0.00069	J	0.00087	U	0.00087	U	0.00086	U	0.00090	U
C12-BZ#15	MG/KG	0.00045	U	0.0011		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C13-BZ#16/#32	MG/KG	0.00090	U	0.0034		0.00087	U	0.00049	J	0.00086	U	0.00090	U
C13-BZ#17	MG/KG	0.00045	U	0.0029		0.00047		0.00041	J	0.00043	U	0.00041	J
C13-BZ#18	MG/KG	0.00036	J	0.0076		0.0010		0.0011		0.00029	J	0.0010	
C13-BZ#19	MG/KG	0.00045	U	0.00053		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C13-BZ#21/#33	MG/KG	0.00090	U	0.0023		0.00087	U	0.00087	U	0.00086	U	0.00090	U
C13-BZ#22	MG/KG	0.00045	U	0.0022		0.00035	J	0.00035	J	0.00043	U	0.00033	J
C13-BZ#24/#27	MG/KG	0.00090	U	0.0013		0.00087	U	0.00087	U	0.00086	U	0.00090	U
C13-BZ#25	MG/KG	0.00029	J	0.0065		0.0011		0.0011		0.00028	J	0.00093	
C13-BZ#26	MG/KG	0.00068		0.014		0.0023		0.0023		0.00063		0.0019	
C13-BZ#28/#31	MG/KG	0.0020		0.034		0.0056		0.0057		0.0016		0.0047	
C13-BZ#29	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C13-BZ#37	MG/KG	0.00045	U	0.0013		0.00027	J	0.00025	J	0.00043	U	0.00045	U
C14-BZ#40	MG/KG	0.00045	U	0.0016		0.00043	J	0.00044	U	0.00043	U	0.00041	J
C14-BZ#41/#71	MG/KG	0.00081	J	0.0079		0.0014		0.0011		0.00056	J	0.0014	
C14-BZ#42	MG/KG	0.00037	J	0.0028		0.00061		0.00050		0.00031	J	0.00059	
C14-BZ#43/#49	MG/KG	0.0025		0.027		0.0053		0.0042		0.0018		0.0050	
C14-BZ#44	MG/KG	0.0010		0.0085		0.0015		0.0013		0.00071		0.0016	
C14-BZ#45	MG/KG	0.00045	U	0.00090		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#46	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#47/#48	MG/KG	0.0014		0.013		0.0024		0.0024		0.00095		0.0022	
C14-BZ#50	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#51	MG/KG	0.00045	U	0.00066		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#52	MG/KG	0.0031		0.033		0.0066		0.0057		0.0021		0.0062	
C14-BZ#53	MG/KG	0.00045	U	0.0022		0.00036	J	0.00035	J	0.00043	U	0.00035	J
C14-BZ#54	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#56/#60	MG/KG	0.00055	J	0.0046		0.00097		0.00075	J	0.00086	U	0.00083	J
C14-BZ#63	MG/KG	0.00045	U	0.00099		0.00028	J	0.00044	U	0.00043	U	0.00023	J
C14-BZ#64	MG/KG	0.00042	J	0.0040		0.00076		0.00076		0.00022	J	0.00072	
C14-BZ#66	MG/KG	0.0019		0.010		0.0023		0.0020		0.0012		0.0021	
C14-BZ#70	MG/KG	0.0014		0.0093		0.0018		0.0016		0.00088		0.0016	
C14-BZ#74	MG/KG	0.00096		0.0076		0.0014		0.0013		0.00070		0.0013	
C14-BZ#76	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C14-BZ#77	MG/KG	0.00029	J	0.0012		0.00026	J	0.00031	J	0.00043	U	0.00029	J
C14-BZ#81	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U

TABLE 7A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 8/9/2010		Quahogs II Station C 8/9/2010		Quahogs II Station D 8/9/2010		Quahogs II Station F 8/10/2010		Quahogs II Station G 8/9/2010		Quahogs II Station H 8/9/2010	
C15-BZ#82	MG/KG	0.00045	U	0.00095		0.00025	J	0.00044	U	0.00043	U	0.00045	U
C15-BZ#83	MG/KG	0.00039	J	0.0014		0.00038	J	0.00036	J	0.00022	J	0.00046	
C15-BZ#85	MG/KG	0.00054		0.0022		0.00060		0.00038	J	0.00032	J	0.00063	
C15-BZ#87	MG/KG	0.00099		0.0060		0.0013		0.00099		0.00058		0.0014	
C15-BZ#89	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.0049		0.00043	U	0.00045	U
C15-BZ#91	MG/KG	0.00064		0.0048		0.0010		0.00075		0.00035	J	0.0010	
C15-BZ#92	MG/KG	0.0013		0.0065		0.0016		0.0013		0.00077		0.0016	
C15-BZ#95	MG/KG	0.0019		0.012		0.0025		0.0019		0.00096		0.0026	
C15-BZ#97	MG/KG	0.0011		0.0053		0.0012		0.0010		0.00060		0.0013	
C15-BZ#99	MG/KG	0.0044		0.021		0.0046		0.0041		0.0026		0.0047	
C15-BZ#100	MG/KG	0.00045	U	0.00070		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C15-BZ#101/#84	MG/KG	0.0060		0.027		0.0065		0.0050		0.0033		0.0064	
C15-BZ#104	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C15-BZ#105	MG/KG	0.00092		0.0046		0.00096		0.00080		0.00056		0.0010	
C15-BZ#107	MG/KG	0.00078		0.0026		0.00069		0.00069		0.00048		0.00071	
C15-BZ#110	MG/KG	0.0035		0.019		0.0042		0.0032		0.0021		0.0045	
C15-BZ#114	MG/KG	0.00045	U	0.00034	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C15-BZ#118	MG/KG	0.0047		0.020		0.0044		0.0037		0.0027		0.0044	
C15-BZ#119	MG/KG	0.00039	J	0.0023		0.00047		0.00045		0.00026	J	0.00053	
C15-BZ#123	MG/KG	0.0045		0.0010		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C15-BZ#124	MG/KG	0.00045	U	0.00074		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C15-BZ#126	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#129	MG/KG	0.00045	U	0.00046		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#130	MG/KG	0.00040	J	0.0014		0.00033	J	0.00034	J	0.00027	J	0.00043	J
C16-BZ#131	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#132/#168	MG/KG	0.00089	J	0.0034		0.00090		0.00060	J	0.00047	J	0.00097	
C16-BZ#134	MG/KG	0.00045	J	0.0016		0.00039	J	0.00037	J	0.00027	J	0.00049	
C16-BZ#135/#144	MG/KG	0.00069	J	0.0028		0.00072	J	0.00062	J	0.00086	U	0.00073	J
C16-BZ#136	MG/KG	0.00032	J	0.0016		0.00038	J	0.00024	J	0.00043	U	0.00034	J
C16-BZ#137	MG/KG	0.00045	U	0.0011		0.00024	J	0.00044	U	0.00043	U	0.00030	J
C16-BZ#138/#163	MG/KG	0.0048		0.017		0.0042		0.0036		0.0026		0.0048	
C16-BZ#141	MG/KG	0.00023	J	0.0012		0.00026	J	0.00044	U	0.00043	U	0.00030	J
C16-BZ#146	MG/KG	0.0016		0.0054		0.0014		0.0012		0.00095		0.0015	
C16-BZ#147	MG/KG	0.00025	J	0.0013		0.00034	J	0.00027	J	0.00043	U	0.00035	J
C16-BZ#149	MG/KG	0.0029		0.014		0.0032		0.0024		0.0015		0.0032	
C16-BZ#151	MG/KG	0.00043	J	0.0018		0.00041	J	0.00036	J	0.00043	U	0.00048	
C16-BZ#153	MG/KG	0.0064		0.022		0.0053		0.0046		0.0033		0.0056	
C16-BZ#154	MG/KG	0.00045	U	0.00084		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#155	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#156	MG/KG	0.00036	J	0.0016		0.00038	J	0.00025	J	0.00022	J	0.00040	J
C16-BZ#157	MG/KG	0.00045	U	0.00035	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C16-BZ#158	MG/KG	0.00045	U	0.0010		0.00026	J	0.00044	U	0.00043	U	0.00029	J
C16-BZ#167/#128	MG/KG	0.0010		0.0034		0.00092		0.00067	J	0.00056	J	0.00088	J
C16-BZ#169	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#170/#190	MG/KG	0.00090	U	0.0012		0.00087	U	0.00087	U	0.00086	U	0.00090	U
C17-BZ#171	MG/KG	0.00034	J	0.00026	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#172	MG/KG	0.00045	U	0.00043		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#173	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#174	MG/KG	0.00033	J	0.0010		0.00027	J	0.00044	U	0.00043	U	0.00027	J
C17-BZ#175	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#176	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#177	MG/KG	0.00039	J	0.0012		0.00035	J	0.00036	J	0.00030	J	0.00034	J

TABLE 7A- SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 8/9/2010		Quahogs II Station C 8/9/2010		Quahogs II Station D 8/9/2010		Quahogs II Station F 8/10/2010		Quahogs II Station G 8/9/2010		Quahogs II Station H 8/9/2010	
C17-BZ#178	MG/KG	0.00023	J	0.00055		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#180	MG/KG	0.00087		0.0030		0.00070		0.00044		0.00044		0.00077	
C17-BZ#182/#187	MG/KG	0.00099		0.0032		0.00082	J	0.00063	J	0.00051	J	0.00083	J
C17-BZ#183	MG/KG	0.00045	U	0.00066		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#184	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#185	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#188	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#189	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#191	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C17-BZ#193	MG/KG	0.00045	U	0.00030	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#194	MG/KG	0.00023	J	0.00055		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#195	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#196/203	MG/KG	0.00090	U	0.00086	U	0.00087	U	0.00087	U	0.00086	U	0.00090	U
C18-BZ#197	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#199	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#200	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#201	MG/KG	0.00045	U	0.00053		0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#202	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C18-BZ#205	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C19-BZ#206	MG/KG	0.00045	U	0.00023	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C19-BZ#207	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C19-BZ#208	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
C110-BZ#209	MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Aroclor-1242	MG/KG	0.018	U	0.017	U	0.017	U	0.018	U	0.017	U	0.018	U
Aroclor-1248	MG/KG	0.034		0.26		0.050		0.041		0.017	U	0.048	
Aroclor-1254	MG/KG	0.082		0.32		0.074		0.060		0.043		0.077	
Aroclor-1260	MG/KG	0.018	U	0.017	U	0.017	U	0.018	U	0.017	U	0.018	U

TABLE 7B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 8/10/2010		NBH10-SF-D-3 Quahogs III Station D 8/10/2010		NBH10-SF-I-3 Quahogs III Station I 8/9/2010		NBH10-SF-J-3 Quahogs III Station J 8/9/2010	
Lipids	PERCENT	0.24		0.50		0.18		0.28	
Total PCB Congeners ¹	MG/KG	0.044	J2	0.042	J1	0.052	J2	0.044	J1
Total PCB Congeners Hits ²	MG/KG	0.023		0.019		0.031		0.021	
Total NOAA Congeners ³	MG/KG	0.014	J2	0.013	J2	0.017	J2	0.014	J2
Total WHO Congeners ⁴	MG/KG	0.0044	J2	0.0040	J1	0.0045	J1	0.0042	J1
Total NOAA / WHO Combined ⁵	MG/KG	0.016	J2	0.015	J2	0.019	J2	0.016	J2
Total Aroclors ⁶	MG/KG	0.058	J2	0.059	J2	0.059	J2	0.067	J2
C11-BZ#1	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C11-BZ#3	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C12-BZ#4/#10	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C12-BZ#5/#8	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C12-BZ#6	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C12-BZ#7	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C12-BZ#12/#13	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C12-BZ#15	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C13-BZ#16/#32	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C13-BZ#17	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C13-BZ#18	MG/KG	0.00026	J	0.00044	U	0.00035	J	0.00044	U
C13-BZ#19	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C13-BZ#21/#33	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C13-BZ#22	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C13-BZ#24/#27	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C13-BZ#25	MG/KG	0.00043	U	0.00044	U	0.00030	J	0.00044	U
C13-BZ#26	MG/KG	0.00043	U	0.00026	J	0.00061		0.00025	J
C13-BZ#28/#31	MG/KG	0.0011		0.00083	J	0.0016		0.00065	J
C13-BZ#29	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C13-BZ#37	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#40	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#41/#71	MG/KG	0.00086	U	0.00088	U	0.00051	J	0.00088	U
C14-BZ#42	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#43/#49	MG/KG	0.00090		0.00094		0.0016		0.0010	
C14-BZ#44	MG/KG	0.00048		0.00035	J	0.00058		0.00030	J
C14-BZ#45	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#46	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#47/#48	MG/KG	0.00067	J	0.0005	J	0.00079	J	0.00051	J
C14-BZ#50	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#51	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#52	MG/KG	0.0013		0.0011		0.0020		0.0012	
C14-BZ#53	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#54	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#56/#60	MG/KG	0.00053	J	0.00088	U	0.00088	U	0.00088	U
C14-BZ#63	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#64	MG/KG	0.00043	U	0.00044	U	0.00027	J	0.00044	U
C14-BZ#66	MG/KG	0.00079		0.00070		0.00085		0.00052	
C14-BZ#70	MG/KG	0.00068		0.00054		0.00070		0.00042	J
C14-BZ#74	MG/KG	0.00047		0.00034	J	0.00044		0.00027	J
C14-BZ#76	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#77	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C14-BZ#81	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U

TABLE 7B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 8/10/2010		NBH10-SF-D-3 Quahogs III Station D 8/10/2010		NBH10-SF-I-3 Quahogs III Station I 8/9/2010		NBH10-SF-J-3 Quahogs III Station J 8/9/2010	
C15-BZ#82	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#83	MG/KG	0.00043	U	0.00044	U	0.00030	J	0.00044	U
C15-BZ#85	MG/KG	0.00028	J	0.00023	J	0.00035	J	0.00044	U
C15-BZ#87	MG/KG	0.00040	J	0.00026	J	0.00048		0.00039	J
C15-BZ#89	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#91	MG/KG	0.00025	J	0.00026	J	0.00035	J	0.00026	J
C15-BZ#92	MG/KG	0.00061		0.00039	J	0.00070		0.00045	
C15-BZ#95	MG/KG	0.00077		0.00051		0.00091		0.00062	
C15-BZ#97	MG/KG	0.00038	J	0.00034	J	0.00050		0.00036	J
C15-BZ#99	MG/KG	0.0015		0.0014		0.0019		0.0018	
C15-BZ#100	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#101/#84	MG/KG	0.0020		0.0018		0.0027		0.0020	
C15-BZ#104	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#105	MG/KG	0.00044		0.00028	J	0.00036	J	0.00025	J
C15-BZ#107	MG/KG	0.00031	J	0.00033	J	0.00035	J	0.00038	J
C15-BZ#110	MG/KG	0.0013		0.00098		0.0017		0.0011	
C15-BZ#114	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#118	MG/KG	0.0016		0.0013		0.0017		0.0015	
C15-BZ#119	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#123	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#124	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C15-BZ#126	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#129	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#130	MG/KG	0.00022	J	0.00044	U	0.00025	J	0.00044	U
C16-BZ#131	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#132/#168	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C16-BZ#134	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#135/#144	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C16-BZ#136	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#137	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#138/#163	MG/KG	0.0017		0.0015		0.0022		0.0019	
C16-BZ#141	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#146	MG/KG	0.00055		0.00059		0.00082		0.00067	
C16-BZ#147	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#149	MG/KG	0.00098		0.00084		0.0013		0.0010	
C16-BZ#151	MG/KG	0.00043	U	0.00044	U	0.00026	J	0.00044	U
C16-BZ#153	MG/KG	0.0017		0.0021		0.0024		0.0026	
C16-BZ#154	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#155	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#156	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#157	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#158	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C16-BZ#167/#128	MG/KG	0.00046	J	0.00088	U	0.00088	U	0.00088	U
C16-BZ#169	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#170/#190	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
C17-BZ#171	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#172	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#173	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#174	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#175	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#176	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
C17-BZ#177	MG/KG	0.00043	U	0.00044	U	0.00035	J	0.00023	J

TABLE 7B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 1 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 8/10/2010		NBH10-SF-D-3 Quahogs III Station D 8/10/2010		NBH10-SF-I-3 Quahogs III Station I 8/9/2010		NBH10-SF-J-3 Quahogs III Station J 8/9/2010	
CI7-BZ#178	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#180	MG/KG	0.00031	J	0.00025	J	0.00032	J	0.00032	J
CI7-BZ#182/#187	MG/KG	0.00086	U	0.00088	U	0.00045	J	0.00088	U
CI7-BZ#183	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#184	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#185	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#188	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#189	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#191	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI7-BZ#193	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#194	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#195	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#196/203	MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
CI8-BZ#197	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#199	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#200	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#201	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#202	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI8-BZ#205	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI9-BZ#206	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI9-BZ#207	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI9-BZ#208	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
CI10-BZ#209	MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Aroclor-1242	MG/KG	0.017	U	0.018	U	0.018	U	0.018	U
Aroclor-1248	MG/KG	0.017	U	0.018	U	0.018	U	0.018	U
Aroclor-1254	MG/KG	0.032		0.032		0.033		0.041	
Aroclor-1260	MG/KG	0.017	U	0.018	U	0.018	U	0.018	U

TABLE 8A - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA II 2010

Sample# Species Area Station Sample Date Units		NBH10-SF-B-2 Quahogs II Station B 10/4/2010	NBH10-SF-C-2 Quahogs II Station C 10/4/2010	NBH10-SF-D-2 Quahogs II Station D 10/12/2010	NBH10-SF-F-2 Quahogs II Station F 10/4/2010	NBH10-SF-G-2 Quahogs II Station G 10/4/2010	NBH10-SF-H-2 Quahogs II Station H 10/5/2010
Lipids	PERCENT	0.26	0.30	0.18	0.22	0.43	0.25
Total PCB Congeners ¹	MG/KG	0.067 J2	0.41 J3	0.048 J2	0.049 J2	0.071 J2	0.11 J2
Total PCB Congeners Hits ²	MG/KG	0.048	0.41	0.025	0.025	0.053	0.097
Total NOAA Congeners ³	MG/KG	0.025 J3	0.18 J4	0.015 J2	0.015 J2	0.027 J3	0.041 J3
Total WHO Congeners ⁴	MG/KG	0.0059 J2	0.024 J3	0.0040 J1	0.0038 J1	0.0061 J2	0.0071 J2
Total NOAA / WHO Combined ⁵	MG/KG	0.027 J2	0.18 J4	0.017 J2	0.017 J2	0.029 J2	0.043 J3
Total Aroclors ⁶	MG/KG	0.075 J2	0.52 J3	0.0091 U	0.0093 U	0.080 J2	0.14 J2
C11-BZ#1	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C11-BZ#3	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C12-BZ#4/#10	MG/KG	0.00093 U	0.00092 J	0.00091 UJ	0.00093 UJ	0.00090 U	0.00091 U
C12-BZ#5/#8	MG/KG	0.00093 U	0.0024	0.00091 UJ	0.00093 UJ	0.00090 U	0.00046 J
C12-BZ#6	MG/KG	0.00031 J	0.0016	0.00045 UJ	0.00046 UJ	0.00045 U	0.00031 J
C12-BZ#7	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C12-BZ#12/#13	MG/KG	0.00093 U	0.00077 J	0.00091 UJ	0.00093 UJ	0.00090 U	0.00091 U
C12-BZ#15	MG/KG	0.00047 U	0.0012	0.00045 UJ	0.00046 UJ	0.00045 U	0.00030 J
C13-BZ#16/#32	MG/KG	0.00093 U	0.0042	0.00091 UJ	0.00093 UJ	0.00090 U	0.00074 J
C13-BZ#17	MG/KG	0.00033 J	0.0036	0.00045 UJ	0.00046 UJ	0.00045 U	0.00063
C13-BZ#18	MG/KG	0.00075	0.010	0.00054 J	0.00059 J	0.00060	0.0018
C13-BZ#19	MG/KG	0.00047 U	0.00081	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C13-BZ#21/#33	MG/KG	0.00093 U	0.0024	0.00091 UJ	0.00093 UJ	0.00090 U	0.00091 U
C13-BZ#22	MG/KG	0.00047 U	0.0023	0.00045 UJ	0.00046 UJ	0.00045 U	0.00040 J
C13-BZ#24/#27	MG/KG	0.00093 U	0.0017	0.00091 UJ	0.00093 UJ	0.00090 U	0.00091 U
C13-BZ#25	MG/KG	0.00049	0.0068	0.00047 J	0.00045 J	0.00046	0.0013
C13-BZ#26	MG/KG	0.0011	0.014	0.0010 J	0.0011 J	0.00099	0.0031
C13-BZ#28/#31	MG/KG	0.0023	0.034	0.0023 J	0.0024 J	0.0028	0.0064
C13-BZ#29	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C13-BZ#37	MG/KG	0.00047 U	0.0012	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#40	MG/KG	0.00047 U	0.0018	0.00045 UJ	0.00046 UJ	0.00026 J	0.00050
C14-BZ#41/#71	MG/KG	0.00063 J	0.0081	0.00052 J	0.00049 J	0.00073 J	0.0016
C14-BZ#42	MG/KG	0.00038 J	0.0031	0.00026 J	0.00025 J	0.00036 J	0.00056
C14-BZ#43/#49	MG/KG	0.0025	0.027	0.0019 J	0.0019 J	0.0025	0.0056
C14-BZ#44	MG/KG	0.00085	0.0091	0.00059 J	0.00056 J	0.00097	0.0019
C14-BZ#45	MG/KG	0.00047 U	0.0011	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#46	MG/KG	0.00047 U	0.00053	0.00045 UJ	0.00046 UJ	0.00045 U	0.0083
C14-BZ#47/#48	MG/KG	0.0013	0.012	0.00089 J	0.00093 J	0.0016	0.0023
C14-BZ#50	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#51	MG/KG	0.00047 U	0.00086	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#52	MG/KG	0.0030	0.035	0.0025 J	0.0028 J	0.0034	0.0075
C14-BZ#53	MG/KG	0.00029 J	0.0028	0.00045 UJ	0.00046 UJ	0.00045 U	0.00052
C14-BZ#54	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#56/#60	MG/KG	0.00093 U	0.0040	0.00091 UJ	0.00093 UJ	0.00049 J	0.00078 J
C14-BZ#63	MG/KG	0.00047 U	0.00075	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#64	MG/KG	0.00037 J	0.0043	0.00023 J	0.00027 J	0.00034 J	0.00074
C14-BZ#66	MG/KG	0.0014	0.0092	0.00072 J	0.00067 J	0.0016	0.0018
C14-BZ#70	MG/KG	0.0011	0.0083	0.00055 J	0.00054 J	0.0012	0.0016
C14-BZ#74	MG/KG	0.00064	0.0062	0.00044 J	0.00039 J	0.00076	0.0013
C14-BZ#76	MG/KG	0.00047 U	0.00046 U	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U
C14-BZ#77	MG/KG	0.00047 UJ	0.00083	0.00045 UJ	0.00046 UJ	0.00045 U	0.00024 J
C14-BZ#81	MG/KG	0.00047 U	0.00025 J	0.00045 UJ	0.00046 UJ	0.00045 U	0.00045 U

TABLE 8A - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 10/4/2010		Quahogs II Station C 10/4/2010		Quahogs II Station D 10/12/2010		Quahogs II Station F 10/4/2010		Quahogs II Station G 10/4/2010		Quahogs II Station H 10/5/2010	
C15-BZ#82	MG/KG	0.00047	U	0.00081		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#83	MG/KG	0.00047	U	0.00099		0.00045	UJ	0.00046	UJ	0.00023	J	0.00037	J
C15-BZ#85	MG/KG	0.00037	J	0.0020		0.00045	UJ	0.00046	UJ	0.00046		0.00047	
C15-BZ#87	MG/KG	0.00069		0.0054		0.00039	J	0.00033	J	0.00081		0.0012	
C15-BZ#89	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#91	MG/KG	0.00054		0.0044		0.00037	J	0.00032	J	0.00053		0.00096	
C15-BZ#92	MG/KG	0.00090		0.0054		0.00045	J	0.00052	J	0.00099		0.0015	
C15-BZ#95	MG/KG	0.0015		0.013		0.00081	J	0.00086	J	0.0017		0.0028	
C15-BZ#97	MG/KG	0.00072		0.0046		0.00041	J	0.00033	J	0.00073		0.0011	
C15-BZ#99	MG/KG	0.0030		0.015		0.0014	J	0.0014	J	0.0035		0.0039	
C15-BZ#100	MG/KG	0.00047	U	0.00057		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#101/#84	MG/KG	0.0040		0.025		0.0019	J	0.0020	J	0.0043		0.0061	
C15-BZ#104	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#105	MG/KG	0.00053		0.0033		0.00025	J	0.00046	UJ	0.00070		0.00076	
C15-BZ#107	MG/KG	0.00051		0.0016		0.00045	UJ	0.00046	UJ	0.00053		0.00046	
C15-BZ#110	MG/KG	0.0022		0.017		0.0012	J	0.0011	J	0.0025		0.0039	
C15-BZ#114	MG/KG	0.00047	U	0.00032	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#118	MG/KG	0.0028		0.014		0.0012	J	0.0010	J	0.0028		0.0035	
C15-BZ#119	MG/KG	0.00027	J	0.0016		0.00045	UJ	0.00046	UJ	0.00029	J	0.00048	
C15-BZ#123	MG/KG	0.00047	U	0.00072		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#124	MG/KG	0.00047	U	0.00056		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C15-BZ#126	MG/KG	0.00047	UJ	0.00046	UJ	0.00045	UJ	0.00046	UJ	0.00045	UJ	0.00045	UJ
C16-BZ#129	MG/KG	0.00047	U	0.00045	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C16-BZ#130	MG/KG	0.00026	J	0.0010		0.00045	UJ	0.00046	UJ	0.00026	J	0.00033	J
C16-BZ#131	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C16-BZ#132/#168	MG/KG	0.00052	J	0.0028		0.00091	UJ	0.00093	UJ	0.00063	J	0.00075	J
C16-BZ#134	MG/KG	0.00030	J	0.0012		0.00045	UJ	0.00046	UJ	0.00026	J	0.00036	J
C16-BZ#135/#144	MG/KG	0.00093	U	0.0023		0.00091	UJ	0.00093	UJ	0.00047	J	0.00066	J
C16-BZ#136	MG/KG	0.00047	U	0.0015		0.00045	UJ	0.00046	UJ	0.00027	J	0.00035	J
C16-BZ#137	MG/KG	0.00047	U	0.00075		0.00045	UJ	0.00046	UJ	0.00045	U	0.00023	J
C16-BZ#138/#163	MG/KG	0.0026		0.012		0.0011	J	0.0011	J	0.0029		0.0039	
C16-BZ#141	MG/KG	0.00047	U	0.0011		0.00045	UJ	0.00046	UJ	0.00045	U	0.00024	J
C16-BZ#146	MG/KG	0.00095		0.0033		0.00036	J	0.00049	J	0.0010		0.0011	
C16-BZ#147	MG/KG	0.00047	U	0.00095		0.00045	UJ	0.00046	UJ	0.00045	U	0.00029	J
C16-BZ#149	MG/KG	0.0018		0.011		0.00086	J	0.00085	J	0.0019		0.0029	
C16-BZ#151	MG/KG	0.00028	J	0.0015		0.00045	UJ	0.00046	UJ	0.00035	J	0.00042	J
C16-BZ#153	MG/KG	0.0035		0.015		0.0014	J	0.0013	J	0.0039		0.0042	
C16-BZ#154	MG/KG	0.00047	U	0.00061		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C16-BZ#155	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C16-BZ#156	MG/KG	0.00047	U	0.00099		0.00045	UJ	0.00046	UJ	0.00045	U	0.00027	J
C16-BZ#157	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C16-BZ#158	MG/KG	0.00047	U	0.00073		0.00045	UJ	0.00046	UJ	0.00045	U	0.00027	J
C16-BZ#167/#128	MG/KG	0.00051	J	0.0022		0.00091	UJ	0.00093	UJ	0.00062	J	0.00071	J
C16-BZ#169	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#170/#190	MG/KG	0.00093	UJ	0.00068	J	0.00091	UJ	0.00093	UJ	0.00090	UJ	0.00091	UJ
C17-BZ#171	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#172	MG/KG	0.00047	U	0.00027	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#173	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#174	MG/KG	0.00047	U	0.00082		0.00045	UJ	0.00046	UJ	0.00045	U	0.00024	J
C17-BZ#175	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#176	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#177	MG/KG	0.00027	J	0.00084		0.00045	UJ	0.00046	UJ	0.00026	J	0.00033	J

TABLE 8A - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Quahogs II Station B 10/4/2010		Quahogs II Station C 10/4/2010		Quahogs II Station D 10/12/2010		Quahogs II Station F 10/4/2010		Quahogs II Station G 10/4/2010		Quahogs II Station H 10/5/2010	
C17-BZ#178	MG/KG	0.00047	U	0.00040	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#180	MG/KG	0.00048		0.0022		0.00045	UJ	0.00046	UJ	0.00058		0.00063	
C17-BZ#182/#187	MG/KG	0.00050	J	0.0020		0.00091	UJ	0.00093	UJ	0.00051	J	0.00063	J
C17-BZ#183	MG/KG	0.00047	U	0.00038	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#184	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#185	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#188	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#189	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#191	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C17-BZ#193	MG/KG	0.00047	U	0.00024	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#194	MG/KG	0.00047	U	0.00036	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#195	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#196/203	MG/KG	0.00093	U	0.00092	U	0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
C18-BZ#197	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#199	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#200	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#201	MG/KG	0.00047	U	0.00033	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#202	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C18-BZ#205	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C19-BZ#206	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C19-BZ#207	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C19-BZ#208	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
C110-BZ#209	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Aroclor-1242	MG/KG	0.019	U	0.018	U	0.018	UJ	0.019	UJ	0.018	U	0.018	U
Aroclor-1248	MG/KG	0.019	U	0.26		0.018	UJ	0.019	UJ	0.018	U	0.054	
Aroclor-1254	MG/KG	0.047		0.24		0.018	UJ	0.019	UJ	0.053		0.065	
Aroclor-1260	MG/KG	0.019	U	0.018	U	0.018	UJ	0.019	UJ	0.018	U	0.018	U

TABLE 8B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 10/4/2010		NBH10-SF-D-3 Quahogs III Station D 10/4/2010		NBH10-SF-I-3 Quahogs III Station I 10/7/2010		NBH10-SF-J-3 Quahogs III Station J 10/7/2010	
Lipids	PERCENT	0.47		0.44		0.28		0.28	
Total PCB Congeners ¹	MG/KG	0.048	J2	0.043	J1	0.049	J2	0.031	J1
Total PCB Congeners Hits ²	MG/KG	0.025		0.019		0.027		0.0041	
Total NOAA Congeners ³	MG/KG	0.016	J2	0.013	J2	0.016	J2	0.0062	J1
Total WHO Congeners ⁴	MG/KG	0.0046	J1	0.0040	J1	0.0044	J1	0.0030	J1
Total NOAA / WHO Combined ⁵	MG/KG	0.018	J2	0.015	J2	0.018	J2	0.0082	J1
Total Aroclors ⁶	MG/KG	0.062	J2	0.0091	U	0.061	J2	0.0088	U
C11-BZ#1	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C11-BZ#3	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C12-BZ#4/#10	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C12-BZ#5/#8	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C12-BZ#6	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C12-BZ#7	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C12-BZ#12/#13	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C12-BZ#15	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#16/#32	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C13-BZ#17	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#18	MG/KG	0.00025	J	0.00026	J	0.00027	J	0.00044	UJ
C13-BZ#19	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#21/#33	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C13-BZ#22	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#24/#27	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C13-BZ#25	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#26	MG/KG	0.00028	J	0.00036	J	0.00040	J	0.00044	UJ
C13-BZ#28/#31	MG/KG	0.0011		0.00093	J	0.00081	J	0.00088	UJ
C13-BZ#29	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C13-BZ#37	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#40	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#41/#71	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C14-BZ#42	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#43/#49	MG/KG	0.0011		0.0011	J	0.0014	J	0.00088	UJ
C14-BZ#44	MG/KG	0.00052		0.00039	J	0.00053	J	0.00044	UJ
C14-BZ#45	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#46	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#47/#48	MG/KG	0.00074	J	0.00058	J	0.00065	J	0.00088	UJ
C14-BZ#50	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#51	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#52	MG/KG	0.0015		0.0013	J	0.0016	J	0.00037	J
C14-BZ#53	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#54	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#56/#60	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C14-BZ#63	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#64	MG/KG	0.00024	J	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#66	MG/KG	0.00088		0.00061	J	0.00072	J	0.00044	UJ
C14-BZ#70	MG/KG	0.00062		0.00046	J	0.00055	J	0.00044	UJ
C14-BZ#74	MG/KG	0.00041	J	0.00032	J	0.00034	J	0.00044	UJ
C14-BZ#76	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#77	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C14-BZ#81	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ

TABLE 8B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 10/4/2010		NBH10-SF-D-3 Quahogs III Station D 10/4/2010		NBH10-SF-I-3 Quahogs III Station I 10/7/2010		NBH10-SF-J-3 Quahogs III Station J 10/7/2010	
C15-BZ#82	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#83	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#85	MG/KG	0.00028	J	0.00045	UJ	0.00024	J	0.00044	UJ
C15-BZ#87	MG/KG	0.00046		0.00027	J	0.00051	J	0.00044	UJ
C15-BZ#89	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#91	MG/KG	0.00026	J	0.00045	UJ	0.00033	J	0.00044	UJ
C15-BZ#92	MG/KG	0.00065		0.00037	J	0.00066	J	0.00044	UJ
C15-BZ#95	MG/KG	0.00083		0.00063	J	0.00087	J	0.00027	J
C15-BZ#97	MG/KG	0.00051		0.00039	J	0.00046	J	0.00044	UJ
C15-BZ#99	MG/KG	0.0019		0.0014	J	0.0019	J	0.00046	J
C15-BZ#100	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#101/#84	MG/KG	0.0024		0.0018	J	0.0026	J	0.00060	J
C15-BZ#104	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#105	MG/KG	0.00046		0.00024	J	0.00035	J	0.00044	UJ
C15-BZ#107	MG/KG	0.00036	J	0.00025	J	0.00039	J	0.00044	UJ
C15-BZ#110	MG/KG	0.0014		0.0011	J	0.0016	J	0.00033	J
C15-BZ#114	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#118	MG/KG	0.0017		0.0013	J	0.0016	J	0.00032	J
C15-BZ#119	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#123	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#124	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C15-BZ#126	MG/KG	0.00045	UJ	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#129	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#130	MG/KG	0.00045	U	0.00045	UJ	0.00024	J	0.00044	UJ
C16-BZ#131	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#132/#168	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C16-BZ#134	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#135/#144	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C16-BZ#136	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#137	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#138/#163	MG/KG	0.0020		0.0015	J	0.0025	J	0.00060	J
C16-BZ#141	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#146	MG/KG	0.00065		0.00051	J	0.00080	J	0.00024	J
C16-BZ#147	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#149	MG/KG	0.0011		0.00086	J	0.0013	J	0.00031	J
C16-BZ#151	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#153	MG/KG	0.0023		0.0018	J	0.0026	J	0.00058	J
C16-BZ#154	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#155	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#156	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#157	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#158	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C16-BZ#167/#128	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
C16-BZ#169	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#170/#190	MG/KG	0.00091	UJ	0.00091	UJ	0.00087	UJ	0.00088	UJ
C17-BZ#171	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#172	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#173	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#174	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#175	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#176	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
C17-BZ#177	MG/KG	0.00045	U	0.00045	UJ	0.00030	J	0.00044	UJ

TABLE 8B - SUMMARY OF SAMPLE DATA FOR QUAHOGS-POST SPAWN 2 (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-SF-B-3 Quahogs III Station B 10/4/2010		NBH10-SF-D-3 Quahogs III Station D 10/4/2010		NBH10-SF-I-3 Quahogs III Station I 10/7/2010		NBH10-SF-J-3 Quahogs III Station J 10/7/2010	
CI7-BZ#178	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#180	MG/KG	0.00037	J	0.00026	J	0.00044	J	0.00044	UJ
CI7-BZ#182/#187	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
CI7-BZ#183	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#184	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#185	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#188	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#189	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#191	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI7-BZ#193	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#194	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#195	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#196/203	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
CI8-BZ#197	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#199	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#200	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#201	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#202	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI8-BZ#205	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI9-BZ#206	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI9-BZ#207	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI9-BZ#208	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
CI10-BZ#209	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Aroclor-1242	MG/KG	0.018	U	0.018	UJ	0.017	UJ	0.018	UJ
Aroclor-1248	MG/KG	0.018	U	0.018	UJ	0.017	UJ	0.018	UJ
Aroclor-1254	MG/KG	0.034		0.018	UJ	0.035	J	0.018	UJ
Aroclor-1260	MG/KG	0.018	U	0.018	UJ	0.017	UJ	0.018	UJ

TABLE 9A - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2		NBH10-FF-B-2-Scup		NBH10-FF-C-2		NBH10-FF-D-2-Scup		NBH10-FF-E-2-Scup	
		Scup II Station A 6/9/2010		Scup II Station B 6/9/2010		Scup II Station C 6/7/2010		Scup II Station D 6/7/2010		Scup II Station E 6/7/2010	
Lipids	PERCENT	0.76		0.34		1.0		0.40		0.38	
Total PCB Congeners ¹	MG/KG	0.44	J3	0.84	J3	1.4	J4	0.91	J4	0.58	J3
Total PCB Congeners Hits ²	MG/KG	0.43		0.83		1.3		0.91		0.57	
Total NOAA Congeners ³	MG/KG	0.27	J4	0.49	J4	0.81	J4	0.54	J4	0.34	J4
Total WHO Congeners ⁴	MG/KG	0.072	J3	0.13	J4	0.23	J4	0.15	J4	0.092	J4
Total NOAA / WHO Combined ⁵	MG/KG	0.28	J4	0.50	J4	0.83	J4	0.56	J4	0.35	J4
Total Aroclors ⁶	MG/KG	0.80	J3	1.4	J3	2.1	J3	1.5	J3	0.97	J3
C11-BZ#1	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C11-BZ#3	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C12-BZ#4/#10	MG/KG	0.00091	UJ	0.00093	UJ	0.00050	J	0.00092	UJ	0.00087	UJ
C12-BZ#5/#8	MG/KG	0.00091	UJ	0.00093	UJ	0.00050	J	0.00092	UJ	0.00087	UJ
C12-BZ#6	MG/KG	0.00045	UJ	0.00047	UJ	0.00056	J	0.00025	J	0.00043	UJ
C12-BZ#7	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C12-BZ#12/#13	MG/KG	0.00091	UJ	0.00093	UJ	0.00095	UJ	0.00092	UJ	0.00087	UJ
C12-BZ#15	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C13-BZ#16/#32	MG/KG	0.00091	UJ	0.00093	UJ	0.0011	J	0.00073	J	0.00046	J
C13-BZ#17	MG/KG	0.00048	J	0.00040	J	0.0035	J	0.0011	J	0.00055	J
C13-BZ#18	MG/KG	0.00075	J	0.00065	J	0.0040	J	0.0018	J	0.0011	J
C13-BZ#19	MG/KG	0.00045	UJ	0.00047	UJ	0.00035	J	0.00046	UJ	0.00043	UJ
C13-BZ#21/#33	MG/KG	0.00091	UJ	0.00093	UJ	0.00051	J	0.00092	UJ	0.00087	UJ
C13-BZ#22	MG/KG	0.00030	J	0.00047	UJ	0.00057	J	0.00035	J	0.00022	J
C13-BZ#24/#27	MG/KG	0.00091	UJ	0.00093	UJ	0.00095	UJ	0.00092	UJ	0.00087	UJ
C13-BZ#25	MG/KG	0.00042	J	0.00042	J	0.0013	J	0.00068	J	0.00047	J
C13-BZ#26	MG/KG	0.0017	J	0.0015	J	0.0079	J	0.0029	J	0.0018	J
C13-BZ#28/#31	MG/KG	0.0038	J	0.0027	J	0.028	J	0.0056	J	0.0036	J
C13-BZ#29	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C13-BZ#37	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#40	MG/KG	0.00045	UJ	0.00041	J	0.00051	J	0.00044	J	0.00043	UJ
C14-BZ#41/#71	MG/KG	0.0036	J	0.0055	J	0.020	J	0.0088	J	0.0048	J
C14-BZ#42	MG/KG	0.00052	J	0.0020	J	0.0020	J	0.0017	J	0.0014	J
C14-BZ#43/#49	MG/KG	0.0097	J	0.022	J	0.070	J	0.028	J	0.016	J
C14-BZ#44	MG/KG	0.0019	J	0.0024	J	0.0034	J	0.0027	J	0.0023	J
C14-BZ#45	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00027	J	0.00043	UJ
C14-BZ#46	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#47/#48	MG/KG	0.0063	J	0.013	J	0.045	J	0.017	J	0.011	J
C14-BZ#50	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#51	MG/KG	0.00045	UJ	0.00047	UJ	0.00054	J	0.00024	J	0.00043	UJ
C14-BZ#52	MG/KG	0.012	J	0.022	J	0.064	J	0.027	J	0.017	J
C14-BZ#53	MG/KG	0.00045	UJ	0.00047	UJ	0.00037	J	0.00025	J	0.00043	UJ
C14-BZ#54	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#56/#60	MG/KG	0.0016	J	0.0020	J	0.0087	J	0.0035	J	0.0019	J
C14-BZ#63	MG/KG	0.00081	J	0.0013	J	0.0039	J	0.0017	J	0.0010	J
C14-BZ#64	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#66	MG/KG	0.0098	J	0.016	J	0.045	J	0.019	J	0.013	J
C14-BZ#70	MG/KG	0.00055	J	0.00037	J	0.00051	J	0.00054	J	0.00043	J
C14-BZ#74	MG/KG	0.0056	J	0.0088	J	0.039	J	0.013	J	0.0083	J
C14-BZ#76	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#77	MG/KG	0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
C14-BZ#81	MG/KG	0.00045	UJ	0.00037	J	0.00048	UJ	0.00041	J	0.00043	UJ

TABLE 9A - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2	NBH10-FF-B-2-Scup	NBH10-FF-C-2	NBH10-FF-D-2-Scup	NBH10-FF-E-2-Scup
		Scup II Station A 6/9/2010	Scup II Station B 6/9/2010	Scup II Station C 6/7/2010	Scup II Station D 6/7/2010	Scup II Station E 6/7/2010
C15-BZ#82	MG/KG	0.00024 J	0.00087 J	0.00048 UJ	0.00065 J	0.00047 J
C15-BZ#83	MG/KG	0.00035 J	0.00038 J	0.00048 UJ	0.00043 J	0.00032 J
C15-BZ#85	MG/KG	0.0036 J	0.0098 J	0.0095 J	0.011 J	0.0053 J
C15-BZ#87	MG/KG	0.0051 J	0.013 J	0.013 J	0.015 J	0.0075 J
C15-BZ#89	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C15-BZ#91	MG/KG	0.0025 J	0.0067 J	0.0079 J	0.0054 J	0.0041 J
C15-BZ#92	MG/KG	0.0027 J	0.0040 J	0.0022 J	0.0030 J	0.0025 J
C15-BZ#95	MG/KG	0.0042 J	0.0074 J	0.0098 J	0.0078 J	0.0046 J
C15-BZ#97	MG/KG	0.0045 J	0.015 J	0.015 J	0.015 J	0.0080 J
C15-BZ#99	MG/KG	0.029 J	0.072 J	0.098 J	0.072 J	0.047 J
C15-BZ#100	MG/KG	0.00043 J	0.0013 J	0.0020 J	0.0012 J	0.00089 J
C15-BZ#101/#84	MG/KG	0.030 J	0.072 J	0.095 J	0.075 J	0.046 J
C15-BZ#104	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C15-BZ#105	MG/KG	0.0089 J	0.015 J	0.030 J	0.020 J	0.011 J
C15-BZ#107	MG/KG	0.0040 J	0.0077 J	0.0085 J	0.0076 J	0.0050 J
C15-BZ#110	MG/KG	0.0084 J	0.021 J	0.022 J	0.021 J	0.013 J
C15-BZ#114	MG/KG	0.00039 J	0.00078 J	0.0020 J	0.00094 J	0.00064 J
C15-BZ#118	MG/KG	0.044 J	0.081 J	0.15 J	0.089 J	0.058 J
C15-BZ#119	MG/KG	0.0016 J	0.0048 J	0.0074 J	0.0045 J	0.0028 J
C15-BZ#123	MG/KG	0.0011 J	0.0019 J	0.0040 J	0.0022 J	0.0015 J
C15-BZ#124	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C15-BZ#126	MG/KG	0.00045 UJ	0.00036 J	0.00043 J	0.00046 UJ	0.00043 UJ
C16-BZ#129	MG/KG	0.00045 UJ	0.00068 J	0.00035 J	0.00052 J	0.00036 J
C16-BZ#130	MG/KG	0.0012 J	0.0029 J	0.0014 J	0.0020 J	0.0016 J
C16-BZ#131	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00048 J	0.00043 UJ
C16-BZ#132/#168	MG/KG	0.0012 J	0.0018 J	0.0012 J	0.0017 J	0.0015 J
C16-BZ#134	MG/KG	0.00065 J	0.00099 J	0.00052 J	0.00080 J	0.00074 J
C16-BZ#135/#144	MG/KG	0.0010 J	0.0018 J	0.0015 J	0.0021 J	0.0012 J
C16-BZ#136	MG/KG	0.00059 J	0.0011 J	0.00089 J	0.0011 J	0.00071 J
C16-BZ#137	MG/KG	0.0021 J	0.0042 J	0.0062 J	0.0050 J	0.0025 J
C16-BZ#138/#163	MG/KG	0.038 J	0.089 J	0.077 J	0.090 J	0.049 J
C16-BZ#141	MG/KG	0.0012 J	0.0030 J	0.0021 J	0.0027 J	0.0016 J
C16-BZ#146	MG/KG	0.013 J	0.023 J	0.030 J	0.023 J	0.016 J
C16-BZ#147	MG/KG	0.0015 J	0.0039 J	0.0044 J	0.0034 J	0.0023 J
C16-BZ#149	MG/KG	0.010 J	0.028 J	0.022 J	0.023 J	0.016 J
C16-BZ#151	MG/KG	0.0018 J	0.0034 J	0.0024 J	0.0027 J	0.0020 J
C16-BZ#153	MG/KG	0.087 J	0.13 J	0.23 J	0.15 J	0.10 J
C16-BZ#154	MG/KG	0.0010 J	0.0030 J	0.0033 J	0.0026 J	0.0020 J
C16-BZ#155	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C16-BZ#156	MG/KG	0.0043 J	0.0072 J	0.012 J	0.0084 J	0.0047 J
C16-BZ#157	MG/KG	0.0011 J	0.0016 J	0.0025 J	0.0018 J	0.0012 J
C16-BZ#158	MG/KG	0.0034 J	0.0077 J	0.0094 J	0.0097 J	0.0044 J
C16-BZ#167/#128	MG/KG	0.012 J	0.022 J	0.027 J	0.024 J	0.014 J
C16-BZ#169	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C17-BZ#170/#190	MG/KG	0.0053 J	0.0088 J	0.011 J	0.010 J	0.0052 J
C17-BZ#171	MG/KG	0.0011 J	0.0024 J	0.0023 J	0.0027 J	0.0015 J
C17-BZ#172	MG/KG	0.00070 J	0.0011 J	0.0012 J	0.0010 J	0.00063 J
C17-BZ#173	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C17-BZ#174	MG/KG	0.00046 J	0.00078 J	0.00034 J	0.00064 J	0.00053 J
C17-BZ#175	MG/KG	0.00030 J	0.00040 J	0.00052 J	0.00047 J	0.00032 J
C17-BZ#176	MG/KG	0.00045 UJ	0.00036 J	0.00029 J	0.00037 J	0.00029 J
C17-BZ#177	MG/KG	0.00080 J	0.0012 J	0.00058 J	0.00093 J	0.00085 J

TABLE 9A - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA II 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-2	NBH10-FF-B-2-Scup	NBH10-FF-C-2	NBH10-FF-D-2-Scup	NBH10-FF-E-2-Scup
		Scup II Station A 6/9/2010	Scup II Station B 6/9/2010	Scup II Station C 6/7/2010	Scup II Station D 6/7/2010	Scup II Station E 6/7/2010
C17-BZ#178	MG/KG	0.00056 J	0.00080 J	0.00063 J	0.00059 J	0.00055 J
C17-BZ#180	MG/KG	0.010 J	0.014 J	0.023 J	0.017 J	0.0091 J
C17-BZ#182/#187	MG/KG	0.0084 J	0.013 J	0.017 J	0.012 J	0.0084 J
C17-BZ#183	MG/KG	0.0039 J	0.0051 J	0.0088 J	0.0069 J	0.0040 J
C17-BZ#184	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C17-BZ#185	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C17-BZ#188	MG/KG	0.00045 UJ	0.00047 UJ	0.00026 J	0.00046 UJ	0.00043 UJ
C17-BZ#189	MG/KG	0.00036 J	0.00055 J	0.00078 J	0.00057 J	0.00036 J
C17-BZ#191	MG/KG	0.00032 J	0.00037 J	0.00074 J	0.00052 J	0.00035 J
C17-BZ#193	MG/KG	0.00059 J	0.00092 J	0.0011 J	0.00088 J	0.00064 J
C18-BZ#194	MG/KG	0.0017 J	0.0021 J	0.0031 J	0.0025 J	0.0014 J
C18-BZ#195	MG/KG	0.00038 J	0.00074 J	0.00080 J	0.00088 J	0.00045 J
C18-BZ#196/203	MG/KG	0.0021 J	0.0023 J	0.0038 J	0.0028 J	0.0017 J
C18-BZ#197	MG/KG	0.00045 UJ	0.00047 UJ	0.00026 J	0.00046 UJ	0.00043 UJ
C18-BZ#199	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C18-BZ#200	MG/KG	0.00041 J	0.00039 J	0.00057 J	0.00046 J	0.00037 J
C18-BZ#201	MG/KG	0.0011 J	0.0014 J	0.0011 J	0.00096 J	0.00092 J
C18-BZ#202	MG/KG	0.00032 J	0.00040 J	0.00045 J	0.00033 J	0.00035 J
C18-BZ#205	MG/KG	0.00045 UJ	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00043 UJ
C19-BZ#206	MG/KG	0.0012 J	0.00097 J	0.0014 J	0.0012 J	0.00082 J
C19-BZ#207	MG/KG	0.00026 J	0.00047 UJ	0.00048 UJ	0.00046 UJ	0.00024 J
C19-BZ#208	MG/KG	0.00033 J	0.00033 J	0.00035 J	0.00046 UJ	0.00032 J
C110-BZ#209	MG/KG	0.00044 J	0.00034 J	0.00036 J	0.00028 J	0.00036 J
Aroclor-1242	MG/KG	0.018 U	0.019 U	0.019 U	0.018 U	0.017 U
Aroclor-1248	MG/KG	0.018 U	0.019 U	0.019 U	0.018 U	0.017 U
Aroclor-1254	MG/KG	0.77	1.3	2.1	1.5	0.94
Aroclor-1260	MG/KG	0.018 U	0.019 U	0.019 U	0.018 U	0.017 U

TABLE 9B - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3-Scup		NBH10-FF-C-3		NBH10-FF-D-3-Scup		NBH10-FF-E-3	
		Scup III Station A 6/29/2010		Scup III Station B 6/21/2010		Scup III Station C 6/11/2010		Scup III Station D 6/21/2010		Scup III Station E 6/21/2010	
Lipids	PERCENT	0.64		0.58		0.41		0.62		0.22	
Total PCB Congeners ¹	MG/KG	0.17	J2	0.18	J3	0.29	J3	0.14	J2	0.10	J2
Total PCB Congeners Hits ²	MG/KG	0.15		0.16		0.27		0.12		0.086	
Total NOAA Congeners ³	MG/KG	0.10	J4	0.10	J4	0.17	J4	0.073	J4	0.056	J3
Total WHO Congeners ⁴	MG/KG	0.026	J3	0.027	J3	0.046	J3	0.019	J3	0.016	J2
Total NOAA / WHO Combined ⁵	MG/KG	0.11	J3	0.11	J3	0.17	J4	0.076	J3	0.059	J3
Total Aroclors ⁶	MG/KG	0.32	J3	0.32	J3	0.51	J3	0.23	J2	0.18	J2
C11-BZ#1	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C11-BZ#3	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C12-BZ#4/#10	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C12-BZ#5/#8	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C12-BZ#6	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C12-BZ#7	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C12-BZ#12/#13	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C12-BZ#15	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C13-BZ#16/#32	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C13-BZ#17	MG/KG	0.00047	UJ	0.00045	UJ	0.00031	J	0.00046	UJ	0.00045	UJ
C13-BZ#18	MG/KG	0.00047	UJ	0.00028	J	0.00052	J	0.00033	J	0.00045	UJ
C13-BZ#19	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C13-BZ#21/#33	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C13-BZ#22	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C13-BZ#24/#27	MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
C13-BZ#25	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C13-BZ#26	MG/KG	0.00027	J	0.00034	J	0.00080	J	0.00036	J	0.00045	UJ
C13-BZ#28/#31	MG/KG	0.00074	J	0.0012	J	0.0017	J	0.00082	J	0.00050	J
C13-BZ#29	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C13-BZ#37	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#40	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#41/#71	MG/KG	0.00072	J	0.0010	J	0.0019	J	0.00090	J	0.00050	J
C14-BZ#42	MG/KG	0.00047	UJ	0.00025	J	0.00054	J	0.00024	J	0.00045	UJ
C14-BZ#43/#49	MG/KG	0.0024	J	0.0033	J	0.0058	J	0.0030	J	0.0016	J
C14-BZ#44	MG/KG	0.00032	J	0.00070	J	0.00091	J	0.00054	J	0.00030	J
C14-BZ#45	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#46	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#47/#48	MG/KG	0.0020	J	0.0024	J	0.0045	J	0.0019	J	0.0013	J
C14-BZ#50	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#51	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#52	MG/KG	0.0022	J	0.0031	J	0.0062	J	0.0028	J	0.0016	J
C14-BZ#53	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#54	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#56/#60	MG/KG	0.00095	UJ	0.00052	J	0.00083	J	0.00092	UJ	0.00090	UJ
C14-BZ#63	MG/KG	0.00047	UJ	0.00025	J	0.00047	J	0.00046	UJ	0.00045	UJ
C14-BZ#64	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#66	MG/KG	0.0028	J	0.0032	J	0.0061	J	0.0024	J	0.0016	J
C14-BZ#70	MG/KG	0.00047	UJ	0.00029	J	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#74	MG/KG	0.0015	J	0.0016	J	0.0033	J	0.0012	J	0.00084	J
C14-BZ#76	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#77	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C14-BZ#81	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ

TABLE 9B - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3-Scup		NBH10-FF-C-3		NBH10-FF-D-3-Scup		NBH10-FF-E-3	
		Scup III Station A 6/29/2010	UJ	Scup III Station B 6/21/2010	UJ	Scup III Station C 6/11/2010	UJ	Scup III Station D 6/21/2010	UJ	Scup III Station E 6/21/2010	UJ
C15-BZ#82	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C15-BZ#83	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C15-BZ#85	MG/KG	0.0014	J	0.0017	J	0.0026	J	0.0012	J	0.00088	J
C15-BZ#87	MG/KG	0.0014	J	0.0018	J	0.0030	J	0.0015	J	0.00082	J
C15-BZ#89	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C15-BZ#91	MG/KG	0.00054	J	0.00094	J	0.0015	J	0.00085	J	0.00044	J
C15-BZ#92	MG/KG	0.00048	J	0.00094	J	0.0012	J	0.00065	J	0.00035	J
C15-BZ#95	MG/KG	0.00085	J	0.0014	J	0.0020	J	0.0013	J	0.00071	J
C15-BZ#97	MG/KG	0.0017	J	0.0024	J	0.0036	J	0.0019	J	0.0011	J
C15-BZ#99	MG/KG	0.013	J	0.015	J	0.022	J	0.010	J	0.0074	J
C15-BZ#100	MG/KG	0.00047	UJ	0.00029	J	0.00038	J	0.00046	UJ	0.00045	UJ
C15-BZ#101/#84	MG/KG	0.011	J	0.013	J	0.020	J	0.011	J	0.0071	J
C15-BZ#104	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C15-BZ#105	MG/KG	0.0026	J	0.0027	J	0.0051	J	0.0019	J	0.0015	J
C15-BZ#107	MG/KG	0.0018	J	0.0018	J	0.0027	J	0.0012	J	0.0010	J
C15-BZ#110	MG/KG	0.0020	J	0.0027	J	0.0056	J	0.0028	J	0.0013	J
C15-BZ#114	MG/KG	0.00047	UJ	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
C15-BZ#118	MG/KG	0.016	J	0.016	J	0.028	J	0.012	J	0.0090	J
C15-BZ#119	MG/KG	0.00060	J	0.00084	J	0.0013	J	0.00056	J	0.00034	J
C15-BZ#123	MG/KG	0.00038	J	0.00042	J	0.00073	J	0.00037	J	0.00026	J
C15-BZ#124	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C15-BZ#126	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C16-BZ#129	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C16-BZ#130	MG/KG	0.00040	J	0.00058	J	0.00085	J	0.00043	J	0.00029	J
C16-BZ#131	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C16-BZ#132/#168	MG/KG	0.00095	UJ	0.00053	J	0.00067	J	0.00051	J	0.00090	UJ
C16-BZ#134	MG/KG	0.00047	UJ	0.00030	J	0.00037	J	0.00029	J	0.00045	UJ
C16-BZ#135/#144	MG/KG	0.00095	UJ	0.00090	UJ	0.00057	J	0.00092	UJ	0.00090	UJ
C16-BZ#136	MG/KG	0.00047	UJ	0.00023	J	0.00033	J	0.00046	UJ	0.00045	UJ
C16-BZ#137	MG/KG	0.00065	J	0.00070	J	0.0012	J	0.00043	J	0.00039	J
C16-BZ#138/#163	MG/KG	0.017	J	0.018	J	0.027	J	0.012	J	0.0096	J
C16-BZ#141	MG/KG	0.00045	J	0.00044	J	0.00067	J	0.00038	J	0.00024	J
C16-BZ#146	MG/KG	0.0054	J	0.0052	J	0.0087	J	0.0034	J	0.0031	J
C16-BZ#147	MG/KG	0.00055	J	0.00058	J	0.0011	J	0.00055	J	0.00037	J
C16-BZ#149	MG/KG	0.0035	J	0.0048	J	0.0072	J	0.0041	J	0.0023	J
C16-BZ#151	MG/KG	0.00057	J	0.00073	J	0.00096	J	0.00054	J	0.00032	J
C16-BZ#153	MG/KG	0.032	J	0.030	J	0.052	J	0.020	J	0.016	J
C16-BZ#154	MG/KG	0.00060	J	0.00071	J	0.00092	J	0.00047	J	0.00036	J
C16-BZ#155	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C16-BZ#156	MG/KG	0.0014	J	0.0014	J	0.0023	J	0.00092	J	0.00082	J
C16-BZ#157	MG/KG	0.00041	J	0.00039	J	0.00066	J	0.00025	J	0.00045	UJ
C16-BZ#158	MG/KG	0.0011	J	0.0013	J	0.0019	J	0.00092	J	0.00074	J
C16-BZ#167/#128	MG/KG	0.0043	J	0.0045	J	0.0071	J	0.0029	J	0.0025	J
C16-BZ#169	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C17-BZ#170/#190	MG/KG	0.0023	J	0.0020	J	0.0032	J	0.0013	J	0.0012	J
C17-BZ#171	MG/KG	0.00065	J	0.00059	J	0.00084	J	0.00038	J	0.00040	J
C17-BZ#172	MG/KG	0.00033	J	0.00025	J	0.00040	J	0.00026	J	0.00045	UJ
C17-BZ#173	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C17-BZ#174	MG/KG	0.00047	UJ	0.00025	J	0.00024	J	0.00046	UJ	0.00045	UJ
C17-BZ#175	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C17-BZ#176	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
C17-BZ#177	MG/KG	0.00033	J	0.00046	J	0.00060	J	0.00037	J	0.00023	J

TABLE 9B - SUMMARY OF SAMPLE DATA FOR SCUP (MG/KG WET WEIGHT) AREA III 2010

Parameter	Sample# Species Area Station Sample Date Units	NBH10-FF-A-3		NBH10-FF-B-3-Scup		NBH10-FF-C-3		NBH10-FF-D-3-Scup		NBH10-FF-E-3	
		Scup III Station A 6/29/2010		Scup III Station B 6/21/2010		Scup III Station C 6/11/2010		Scup III Station D 6/21/2010		Scup III Station E 6/21/2010	
CI7-BZ#178	MG/KG	0.00026	J	0.00035	J	0.00037	J	0.00023	J	0.00045	UJ
CI7-BZ#180	MG/KG	0.0045	J	0.0031	J	0.0056	J	0.0024	J	0.0020	J
CI7-BZ#182/#187	MG/KG	0.0041	J	0.0035	J	0.0051	J	0.0026	J	0.0023	J
CI7-BZ#183	MG/KG	0.0018	J	0.0014	J	0.0024	J	0.00098	J	0.00087	J
CI7-BZ#184	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI7-BZ#185	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI7-BZ#188	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI7-BZ#189	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI7-BZ#191	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI7-BZ#193	MG/KG	0.00028	J	0.00045	UJ	0.00040	J	0.00046	UJ	0.00045	UJ
CI8-BZ#194	MG/KG	0.0010	J	0.00063	J	0.00099	J	0.00060	J	0.00043	J
CI8-BZ#195	MG/KG	0.00047	UJ	0.00045	UJ	0.00030	J	0.00046	UJ	0.00045	UJ
CI8-BZ#196/203	MG/KG	0.0010	J	0.00074	J	0.0012	J	0.00060	J	0.00048	J
CI8-BZ#197	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI8-BZ#199	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI8-BZ#200	MG/KG	0.00047	UJ	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
CI8-BZ#201	MG/KG	0.00049	J	0.00053	J	0.00078	J	0.00048	J	0.00037	J
CI8-BZ#202	MG/KG	0.00031	J	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
CI8-BZ#205	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI9-BZ#206	MG/KG	0.00082	J	0.00048	J	0.00069	J	0.00044	J	0.00042	J
CI9-BZ#207	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
CI9-BZ#208	MG/KG	0.00026	J	0.00045	UJ	0.00025	J	0.00046	UJ	0.00045	UJ
CI10-BZ#209	MG/KG	0.00047	UJ	0.00045	UJ	0.00028	J	0.00046	UJ	0.00045	UJ
Aroclor-1242	MG/KG	0.019	U	0.018	U	0.018	U	0.018	U	0.018	U
Aroclor-1248	MG/KG	0.019	U	0.018	U	0.018	U	0.018	U	0.018	U
Aroclor-1254	MG/KG	0.29		0.29		0.48		0.20		0.16	
Aroclor-1260	MG/KG	0.019	U	0.018	U	0.018	U	0.018	U	0.018	U

Appendix B

Data Validation Summary

**Massachusetts Department of Environmental Protection
New Bedford Harbor Seafood Contaminant Survey Monitoring
2010 Sampling**

**Data Validation Summary
Massachusetts Department of Environmental Protection
New Bedford Harbor Seafood Contaminant Survey Monitoring
2010 Sampling**

Introduction:

Sixty-eight fish tissue samples were collected from New Bedford Harbor, MA, during 2010. Samples were preserved by freezing (-20°C) and were received in March through November, 2010, by Alpha Analytical Laboratory located in Mansfield, Massachusetts. Tissue samples were analyzed for the following parameters: polychlorinated biphenyls (PCBs) by GC/MS Single Ion Monitoring (SIM) and percent lipids.

Tissue samples were analyzed in seven separate data sets: L1011835 (scup), L1011837 (black sea bass), L1011838 (quahogs – pre-spawn and post-spawn), L1011839 (alewife), L1011840 (striped bass and bluefish), L1100647 (conch), and L1100649 (quahogs – post-spawn). Tier I+ data validation was performed for all data sets. The data packages were validated using Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996), Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses (USEPA, 2004), Alpha Analytical Laboratory Standard Operating Procedure (SOP) O-010 (Alpha, 2002), and the Quality Assurance Project Plan, Seafood Contaminant Survey, New Bedford Harbor Superfund Site, Revision 5.0 (MADEP, 5/1/08).

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

- Collection and Preservation
- * Holding Times
- * Data Completeness
- * Initial Calibration (only if problems noted in case narrative)
- * Continuing Calibration (only if problems noted in case narrative)
- * Blanks
- Surrogate Standards
- Standard Reference Material
- Laboratory Control Samples
- Matrix Spike/Matrix Spike Duplicates
- * Laboratory Duplicates
- * Internal Standards (only if problems noted in case narrative)
- Target Compound Quantitation (only if problems noted in case narrative)
- Miscellaneous

* - all criteria were met for this parameter

In general, laboratory performance is considered acceptable and all results are usable. The following qualifying statements have been applied to the 2010 data.

Collection and Preservation

All Parameters (L1011840) – No sample collection dates were reported on the chain of custody or sample tags for the bluefish samples reported in SDG L1011840. Sample collection personnel were contacted and provided the sample collection dates of 6/18/2010 and 7/7/2010. The collection date for the bluefish sample was revised by MACTEC in the database and on the laboratory hardcopy report.

Surrogates

PCB (L1011840) – Percent recovery of the surrogate BZ 202-C13 (48) was below the 50-130 control limits in sample NBH10-FF-A-2, indicating a potential low bias for reported results. Positive and non-detected results for all target analytes in sample NBH10-FF-A-2 were qualified as estimated (J/UJ) and may represent potential low biases.

PCB (L1100649) – Percent recoveries of the surrogate BZ 202-C13 were below the 50-130 control limits in samples NBH10-SF-D-2 (49), NBH10-SF-F-2 (49), NBH10-SF-D-3 (47), NBH10-SF-I-3 (49), and NBH10-SF-J-3 (48), indicating a potential low bias for reported results. Positive and non-detected results for all target analytes in the following samples were qualified as estimated (J/UJ) and may represent potential low biases:

NBH10-SF-D-2
NBH10-SF-F-2
NBH10-SF-D-3
NBH10-SF-I-3
NBH10-SF-J-3

Standard Reference Material

PCB (L1011835, L1011837) – Percent recoveries for congeners BZ 52 (193) and BZ 43/39 (184) in the Standard Reference Material were above the 60-140 control limits. Potential high biases are indicated for these congeners; therefore, positive results for BZ 52 and BZ 43/49 were qualified as estimated (J) in all samples in SDGs L1011835 and L1011837.

PCB (L1011840) – Percent recoveries for the majority of Standard Reference Material target analytes were below the 60-140 control limits. In addition, percent recoveries for 26 of 62 spiked congeners were below the 60-140 control limits in the laboratory control sample, and percent recoveries for 11 of 62 spiked congeners were below control limits in the laboratory control sample duplicate. Actual percent recoveries ranged from 41 to 59. Potential low biases are indicated for the majority of spiked congeners; therefore, based on professional judgment, positive and non-detected results for all congeners were qualified as estimated (J/UJ) in all samples in SDG L1011840.

PCB (L1100647) – Percent recoveries for ten congeners in the Standard Reference Material were below the 60-140 control limits:

Congener	SRM %Rec	Qualifier
BZ 28/31	53	J
BZ 66	55	J
BZ 110	52	J
BZ 151	59	J
BZ 149	58	J
BZ 118	58	J
BZ 153	56	J
BZ 105	55	J
BZ 182/187	55	J
BZ 156	53	J

Positive detections of these congeners were reported in all samples in SDG L1100647. Results were qualified as estimated (J) in all samples and may represent potential low biases.

Laboratory Control Samples

PCB (L1011835, L1011837) – Percent recoveries for 33 of 62 spiked congeners were below the 60-140 control limits in the laboratory control sample. In addition, 61 of 62 relative percent differences (RPDs) between laboratory control sample and laboratory control sample duplicate recoveries were outside the control limit of 30. Potential low biases are indicated for the majority of spiked congeners; therefore, based on professional judgment, positive and non-detected results for all congeners were qualified as estimated (J/UJ) in all samples in SDGs L1011835 and L1011837.

PCB (L1011839) – Percent recoveries for congeners BZ 18 (58, 58) and BZ 15 (57, 56) in the LCS/LSCD associated with sample NBH10-FF-C-1 were below the 60-140 control limits. Potential low biases are indicated for these congeners; therefore, the positive results for BZ 18 and BZ 15 were qualified as estimated (J) in associated sample NBH10-FF-C-1.

PCB (L1011840) – Percent recoveries for 26 of 62 spiked congeners were below the 60-140 control limits in the laboratory control sample, and percent recoveries for 11 of 62 spiked congeners were below control limits in the laboratory control sample duplicate. In addition, percent recoveries for the majority of Standard Reference Material target analytes were below the 60-140 control limits, and percent recoveries for the majority of spiked target analytes in the matrix spike were below control limits. Actual percent recoveries ranged from 41 to 59. Potential low biases are indicated for the majority of spiked congeners; therefore, based on professional judgment, positive and non-detected results for all congeners were qualified as estimated (J/UJ) in all samples in SDG L1011840.

PCB (L1100647) – Percent recovery of BZ 126 (39) in the Laboratory Fortified Blank was below the 40-140 control limits indicating a potential low bias. In addition, percent recoveries for BZ 105 (59), BZ 126 (46, 48), BZ 156 (59), BZ 170/190 (55, 58), and BZ 169 (53, 56) in the LCS and/or LCSD were below the 60-140 control limits indicating potential low biases. BZ 126 and BZ 169 were not detected in the associated samples, and quantitation limits for BZ 126 and BZ 169 in all samples of SDG L1100647 were qualified as estimated (UJ). Positive and non-detected results for BZ 105, BZ 156, and BZ 170/190 were qualified as estimated (J/UJ) in all samples of SDG L1100647 and may represent potential low biases.

PCB (L1100649) – Percent recoveries of BZ 126 (52, 51) and BZ 170/190 (58) in the LCS and/or LCSD were below the 60-140 control limits indicating potential low biases. BZ 126 was not detected in the associated samples, and quantitation limits were qualified as estimated (UJ) in all samples of SDG L1100649. Positive and non-detected results for BZ 170/190 were qualified as estimated (J/UJ) in all samples of SDG L1100649 and may represent potential low biases.

Matrix Spikes/Matrix Spike Duplicates

PCB (L1011838) – Percent recoveries for congeners BZ 1 (56), BZ 5/8 (59), BZ 18 (56), BZ 15 (54, 58), and BZ 37 (59) were below control limits of 60-140 in the matrix spike/matrix spike duplicate (MS/MSD) associated with sample NBH10-SF-B-2 QUAHOGS (pre-spawn). These congeners were not detected in the sample, and quantitation limits were qualified as estimated (UJ) in sample NBH10-SF-B-2 QUAHOGS (pre-spawn).

PCB (L1011839) – Percent recoveries for congener BZ 15 (57, 55) were below control limits of 60-140 in the MS/MSD associated with sample NBH10-FF-C-1. The positive detection of congener BZ-15 in sample NBH10-FF-C-1 was qualified as estimated (J).

PCB (L1011840) – Sample NBH10-FF-A-3 STRIPED BASS was used for MS/MSD analyses. Percent recoveries for 37 of 62 spiked target analytes in the matrix spike and 10 of 62 spiked target analytes in the matrix spike duplicate were below control limits. In addition, percent recoveries for 26 of 62 spiked congeners were below the 60-140 control limits in the laboratory control sample; percent recoveries for 11 of 62 spiked congeners were below control limits in the laboratory control sample duplicate, and percent recoveries for the majority of Standard Reference Material target analytes were below the 60-140 control limits. Actual percent recoveries ranged from 41 to 59. Potential low biases are indicated for the majority of spiked congeners; therefore, based on professional judgment, positive and non-detected results for all congeners were qualified as estimated (J/UJ) in all samples in SDG L1011840.

PCB (L1100647) – Sample NBH10-SF-B-2 CONCH was used for MS/MSD analyses. Percent recoveries for the following analytes were below the 60-140 control limits:

Congener	MS %Rec	MSD %Rec	Qualifier
BZ 28/31	57	OK	J
BZ 52	24	OK	J
BZ 43/49	35	OK	J
BZ 37	57	OK	J
BZ 74	57	OK	J
BZ 70	58	OK	J
BZ 66	53	OK	J
BZ 95	57	OK	J
BZ 101/84	23	OK	J
BZ 99	16	OK	J

BZ 110	36	OK	J
BZ 77	58	OK	J
Congener, cont'd	MS %Rec	MSD %Rec	Qualifier
BZ 149	50	OK	J
BZ 118	15	OK	J
BZ 138/163	3	OK	J
BZ 105	57	OK	J
BZ 126	51	57	UJ
BZ 180	59	OK	J
BZ 170/190	55	OK	J
BZ 169	56	OK	UJ

Positive and non-detected results for the above analytes were qualified as estimated (J/UJ) in sample NBH10-SF-B-2 CONCH as indicated in the table.

PCB (L1100649) – Percent recoveries for congeners BZ 77 (59), BZ 126 (49, 49), and BZ 170/190 (54, 55) were below control limits of 60-140 in the MS/MSD associated with sample NBH10-SF-B-2 QUAHOGS (post-spawn). These congeners were not detected in the sample, and quantitation limits were qualified as estimated (UJ) in sample NBH10-SF-B-2 QUAHOGS (post-spawn).

Target Compound Quantitation

PCB (L1011835) - The narrative states that a subset of samples in SDG L1011835 contain peaks with retention time patterns that match Aroclor 1254; however, the peak area ratios do not completely match those typical of Aroclor 1254. Therefore, results for Aroclor 1254 in SDG L1011835 are reported by the laboratory as “weathered.”

PCB (L1011837) - The narrative states that a subset of samples in SDG L1011837 contain peaks with retention time patterns that match Aroclor 1248 and/or Aroclor 1254; however, the peak area ratios do not completely match those typical of Aroclor 1248 and Aroclor 1254. Therefore, results for Aroclor 1248 and Aroclor 1254 in SDG L1011837 are reported by the laboratory as “weathered.”

PCB (L1011839) - The narrative states that sample NBH10-FF-C-1 contains peaks with retention time patterns that match Aroclor 1248 and/or Aroclor 1254; however, the peak area ratios do not completely match those typical of Aroclor 1248 and Aroclor 1254. Therefore, results for Aroclor 1248 and Aroclor 1254 in sample NBH10-FF-C-1 are reported by the laboratory as “weathered.”

PCB (L1011840) - The narrative states that a subset of samples in SDG L1011840 contain peaks with retention time patterns that match Aroclor 1248, Aroclor 1254, and/or Aroclor 1260; however, the peak area ratios do not completely match those typical of Aroclor 1248, Aroclor 1254, or Aroclor 1260. Therefore, results for Aroclor 1248, Aroclor 1254, and Aroclor 1260 in SDG L1011840 are reported by the laboratory as “weathered.”

PCB (L1011840) – Concentrations for several congeners used to quantitate Aroclor 1248 and Aroclor 1254 in sample NBH10-FF-C-3 STRIPED BASS were above the linear range of calibration in the initial undiluted analysis of the sample. However, results for Aroclor 1248 and Aroclor 1254 in the initial undiluted analysis were within the calibration range. Since several of the congeners used to quantitate Aroclor 1248 and Aroclor 1254 were above the calibration range in the undiluted analysis, based on professional judgment the affected congeners as well as results for Aroclor 1248 and Aroclor 1254 were reported from a subsequent diluted analysis of sample NBH10-FF-C-3 STRIPED BASS.

PCB (L1100647) - The narrative states that a subset of samples in SDG L1100647 contain peaks with retention time patterns that match Aroclor 1248, Aroclor 1254, and/or Aroclor 1260; however, the peak area ratios do not completely match those typical of Aroclor 1248, Aroclor 1254, or Aroclor 1260. Therefore, results for Aroclor 1248, Aroclor 1254, and Aroclor 1260 in SDG L1100647 are reported by the laboratory as “weathered.”



PCB (L1100649) - The narrative states that samples NBH10-SF-C-2 and NBH10-SF-H-2 contain peaks with retention time patterns that match Aroclor 1248; however, the peak area ratios do not completely match those typical of Aroclor 1248. Therefore, results for Aroclor 1248 in samples NBH10-SF-C-2 and NBH10-SF-H-2 are reported by the laboratory as “weathered.”

Miscellaneous

All Parameters (L1011838) – The laboratory reported incorrect sample collection dates for a subset of samples. The laboratory was contacted for follow up, and sample collection dates were corrected to match the chain of custody documentation.

All Parameters (L1011840) – The laboratory reported incorrect sample collection dates for bluefish samples reported in SDG L1011840. Sample collection personnel were contacted and provided the sample collection dates; the collection date for the bluefish sample was revised by MACTEC in the database and on the laboratory hardcopy report.

PCB (L1011838) – Discrepancies between results reported on the hardcopy Form 1s and results contained in the laboratory EDD were noted. In all cases, positive detections between the MDL and RL were reported as non-detected (U) on the Form 1 and as J-qualified detections on the EDD. The laboratory was contacted for follow up, and after input from the laboratory the final results on the Form 1s were revised to match those reported on the EDD.

References:

U.S. Environmental Protection Agency (USEPA), 1996. “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.

U.S. Environmental Protection Agency (USEPA), 2004. “Region I, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses;” Hazardous Site Evaluation Division; Draft, February, 2004.

MADEP, May 1, 2008. “Quality Assurance Project Plan, Seafood Contaminant Survey, New Bedford Harbor Superfund Site, Revision 5.0”, Massachusetts Department of Environmental Protection; May 2008.

Alpha Woods Hole Laboratory (Alpha Analytical), 2002. “Determination of PCB Homologs and Individual Congeners by GC/MS-SIM,” Alpha Woods Hole Group Environmental Laboratories; October, 2002.

Data Validator: Julie Ricardi

Signature: _____ on file

Date: March 15, 2011

Revised by: Jayme Connolly 7/25/2011 (bluefish sample collection dates)

Appendix C

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2010 Annual Report

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2010 Annual Report

Vin Malkoski, Senior Marine Fisheries Biologist
Massachusetts Division of Marine Fisheries
March 2011

The Massachusetts Division of Marine Fisheries (*Marine Fisheries*) 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 *Marine Fisheries*' field activities in 2010 in accordance with the Seafood Monitoring and Field Sampling Work Plan and makes recommendations for the upcoming 2011 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 Mass. Dept. 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). Area 1 was not sampled during the 2010 collection season, except for alewife. Samples of whelk were obtained from only 4 of the 10 stations despite repeated sampling events (fish pots, conch pots, and diving) well into November. In an attempt to provide samples, both channel and knobbed whelk were included in the 2010 collections.

2010 Field Collections

Complete information including the harvest dates, collection identification information, species, and station identification information, location by latitude and longitude, and collection method is appended to this report as Attachment 2 – Collection Sheets 1 to 7. Data Form 1 contains length and weight information for the fish species collected.

Alewife (*Alosa pseudoharengus*)

Five alewives were collected at the New Bedford Reservoir at Station C-1 in March using a net.

Black Sea Bass (*Centropristis striata*)

Black Sea Bass were collected from ten stations in Areas 2 and 3 during May, June, and July using fish pots.

Bluefish (*Pomatomus saltatrix*)

Bluefish were collected from each station during June and July using rod and reel.

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

Ten stations were established in 2009 for the collection of channeled whelk. In 2010, we had great difficulty finding whelk at all stations and were only able to collect them from four stations. Sampling was conducted from April through November using fish pots, conch pots, and divers.

Quahog (*Mercenaria mercenaria*)

Marine Fisheries collected pre-spawn and post-spawn quahogs from ten stations in two of the three Fish Closure Areas using rake and diver. Stations B, C, D, F, G, and H in Area 2 and Stations B, D, I, and J in Area 3 were sampled. Station J was added in 2009 to Area 3 and sampled. Pre-spawn quahogs were collected in May. Post-spawn quahogs were collected in August and October. At least 12 quahogs were harvested per station in each collection in order to provide sufficient sample sizes for the Work Plan.

Scup (*Stenotomus chrysops*)

Five legal size scup were collected in June from each of the ten stations in Areas 2 and 3.

Planning for 2011 Field Collections

Alewife, black sea bass, bluefish, channeled whelk, quahog, and scup sampling will continue as described above. Two additional quahogs samples will be obtained (Stations E1 and E2), as well as sediment and water samples at selected stations.

Due to the continued status of the southern New England winter flounder stock as “overfished” as determined by the Atlantic States Marine Fisheries Commission, black sea bass will again be harvested in their place.

ATTACHMENT 1
DMF HARVEST SITE MAPS

Figure 1 PCB Sample Areas I to III

Figure 2 Alewife Area I

Figure 3 Black Sea Bass Areas II & III

Figure 4 Bluefish Area II & III

Figure 5 Conch (Channeled and Knobbed Whelk) Areas II & III

Figure 6 Quahog (Pre-spawn) Area II & III

Figure 7 Quahog (Post-spawn August) Area II & III

Figure 8 Quahog (Post-spawn October) Area II & III

Figure 9 Scup Area II & III

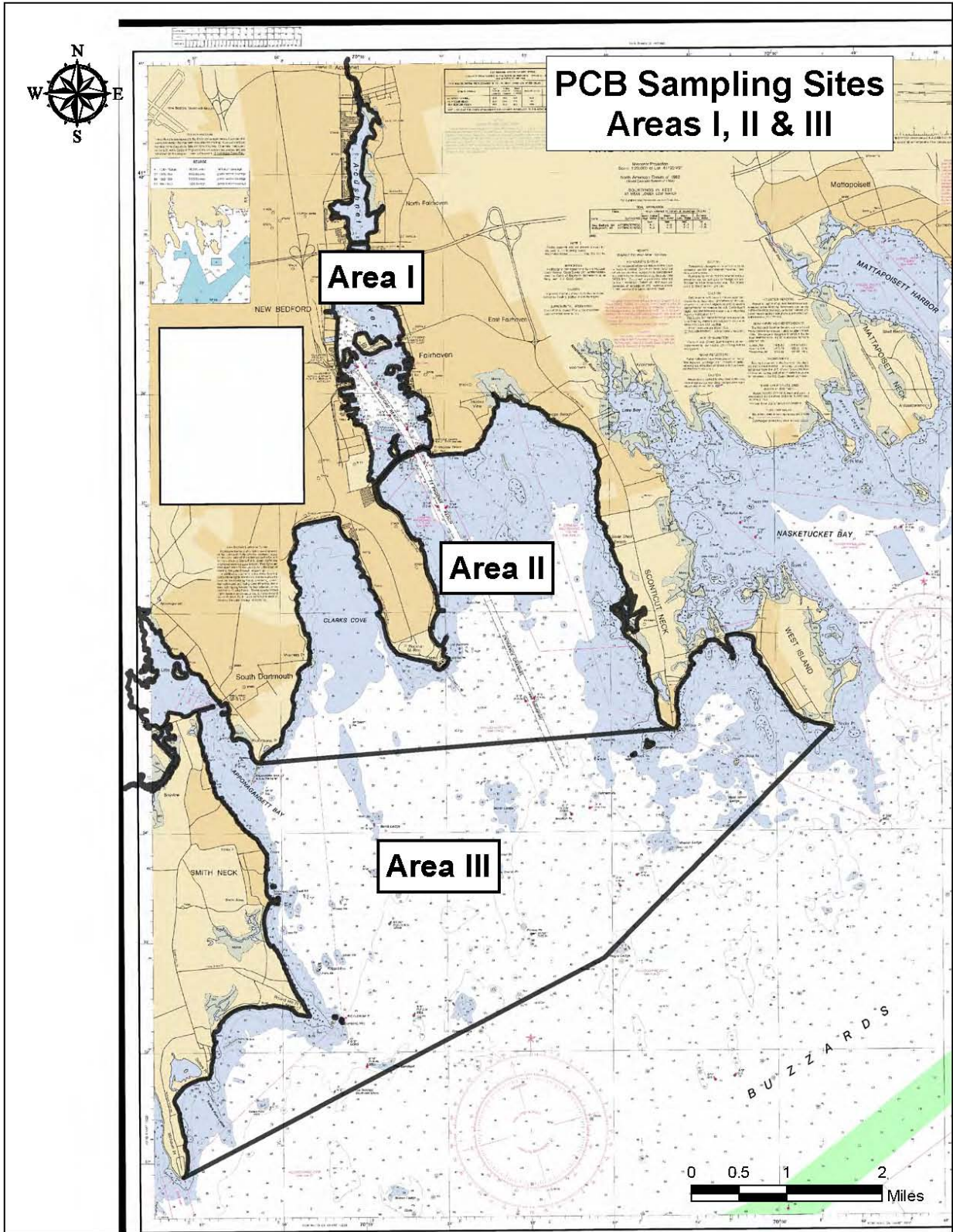


Figure 1 PCB Sample Areas I to III

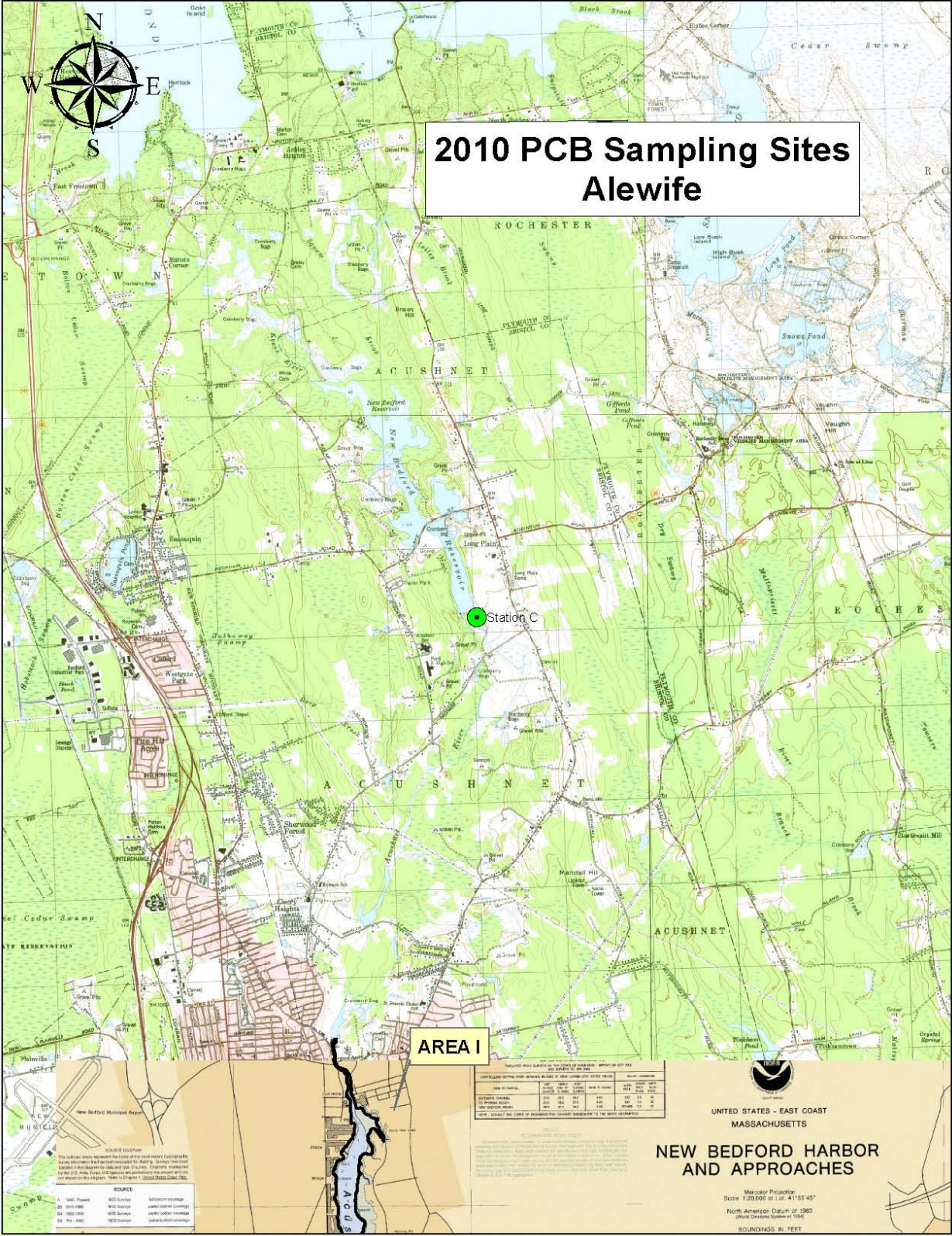


Figure 2 Alewife Area I

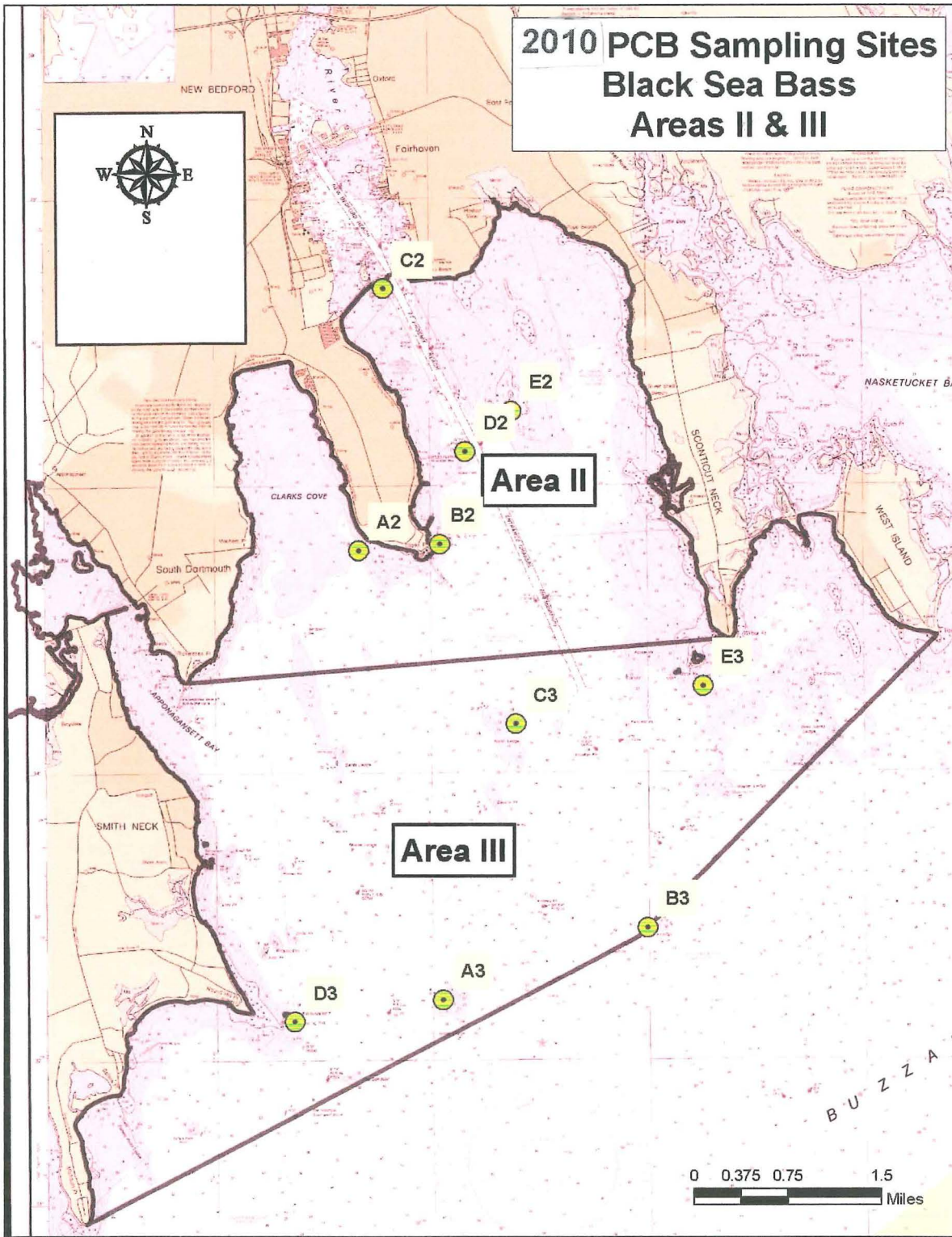


Figure 3 Black Sea Bass Area II & III

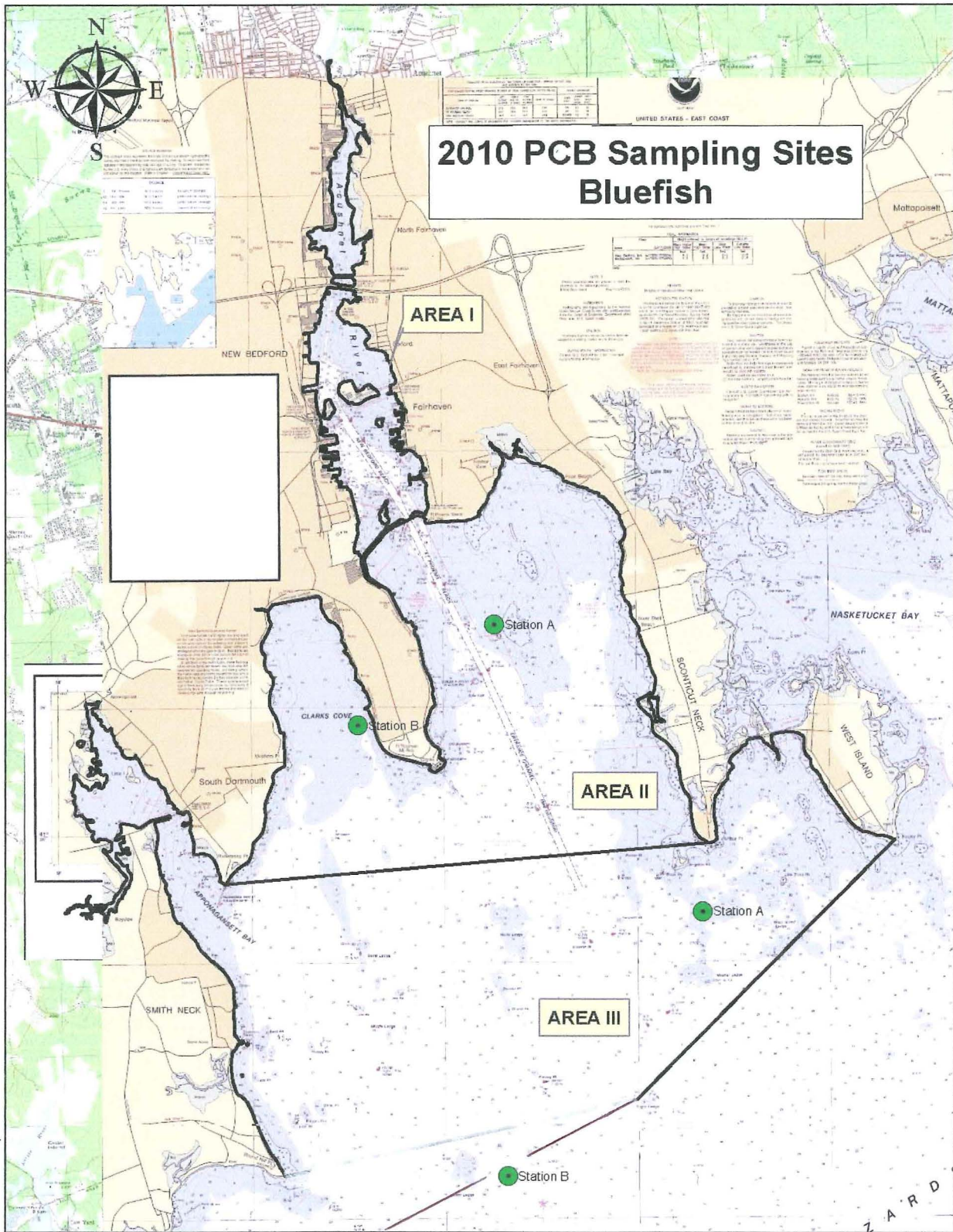


Figure 4 Bluefish Area II & III

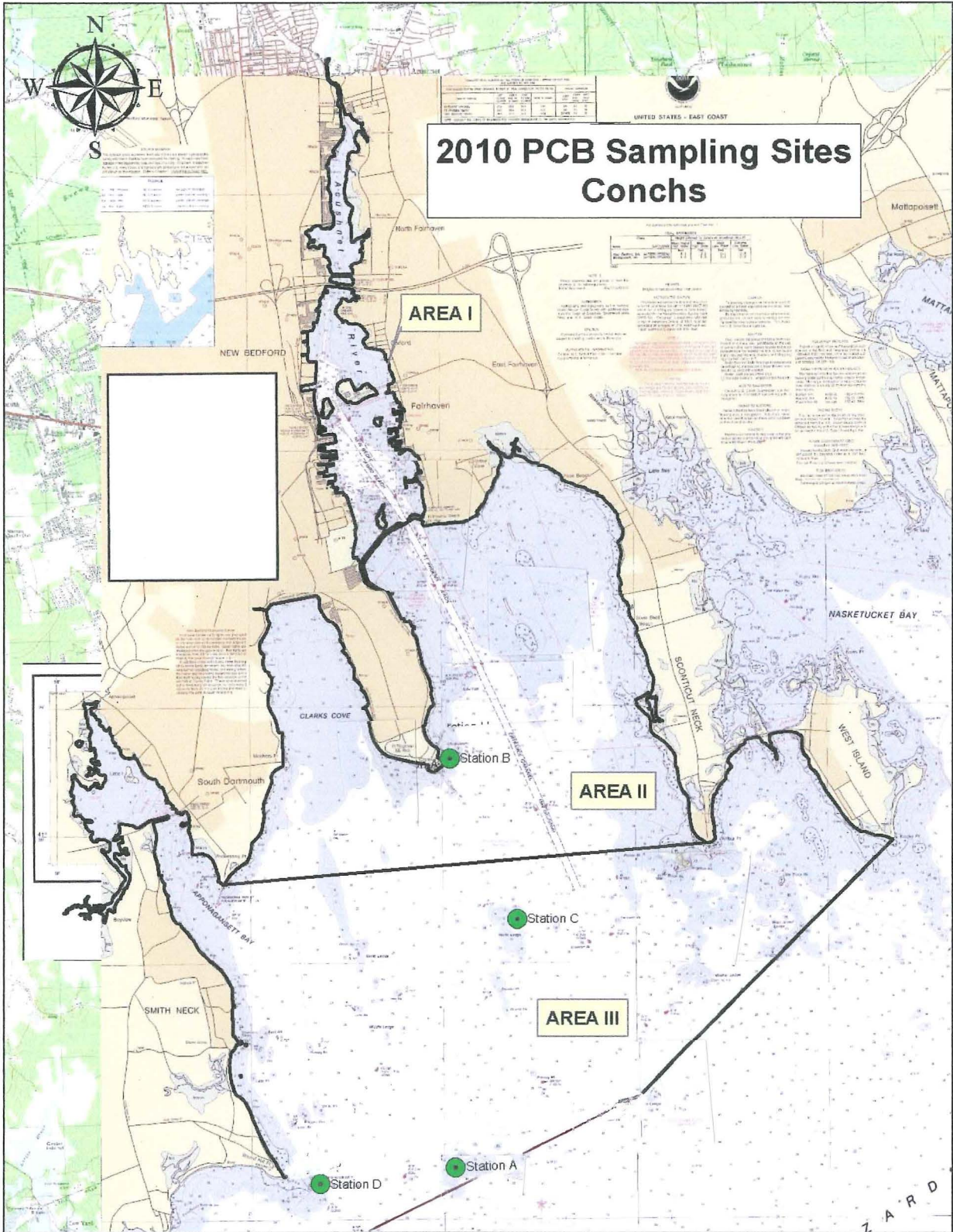


Figure 5 Conch (Channeled & Knobbed Whelk) Area II & III

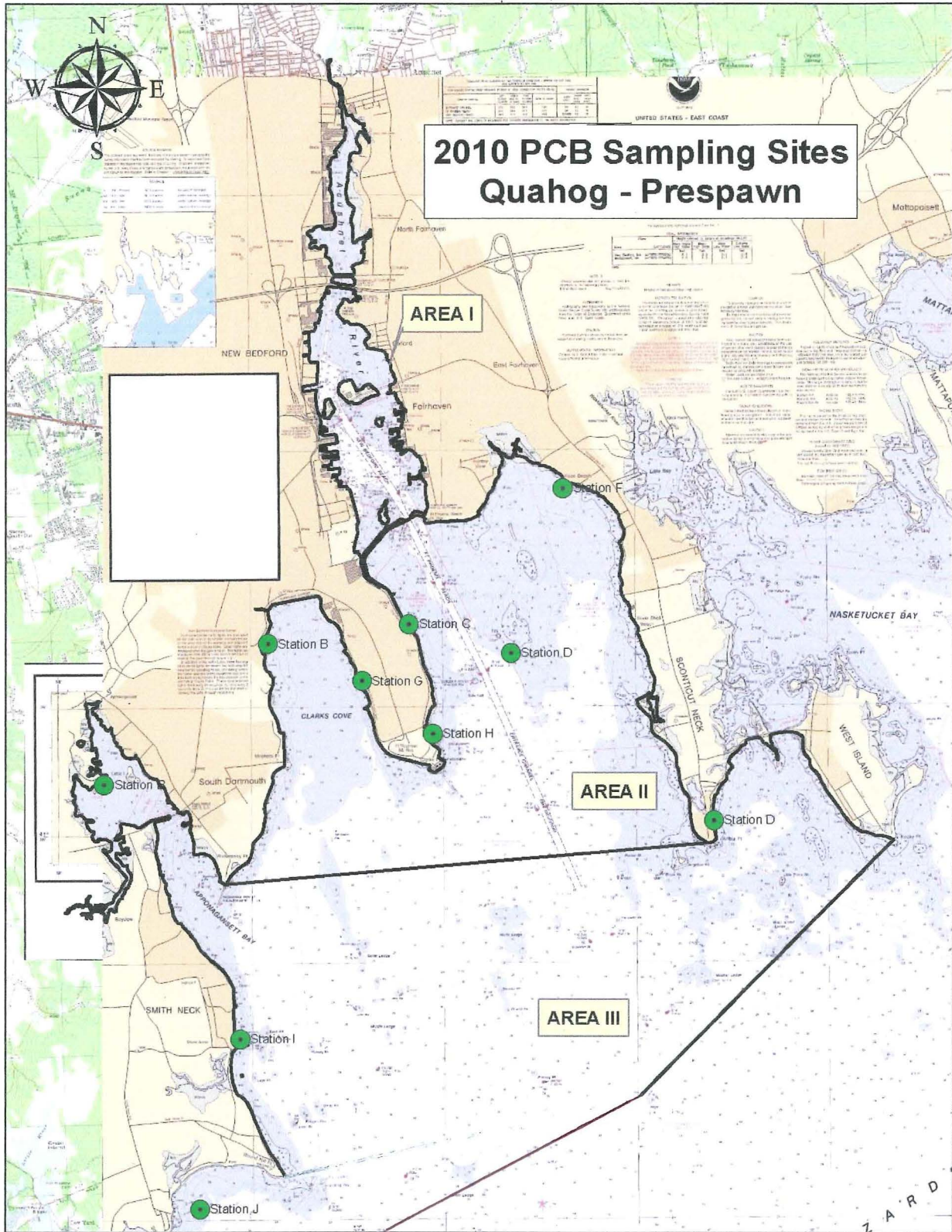


Figure 6 Quahog (Pre-spawn) Area II, & III

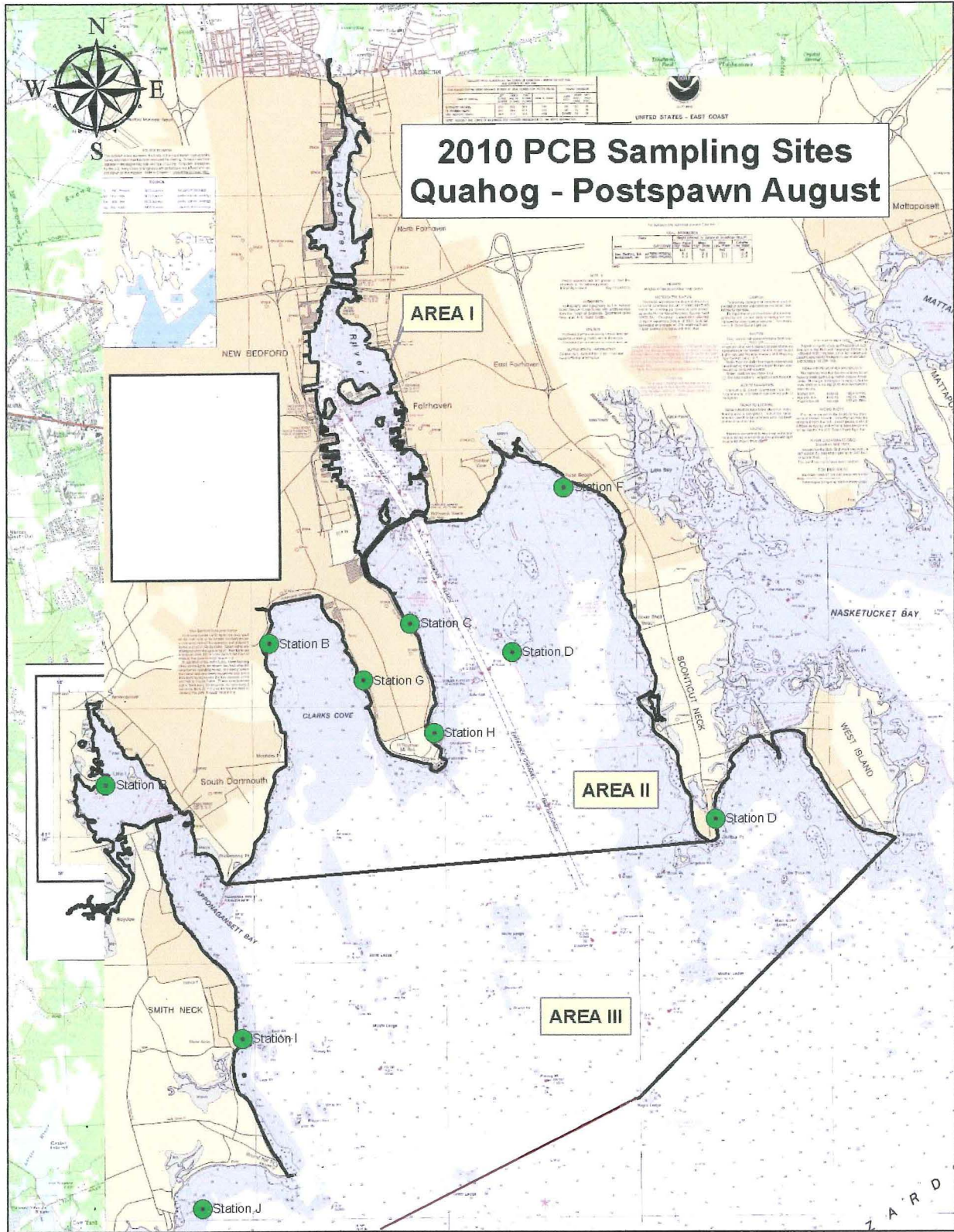


Figure 7 Quahog (Post-spawn August) Area II, & III

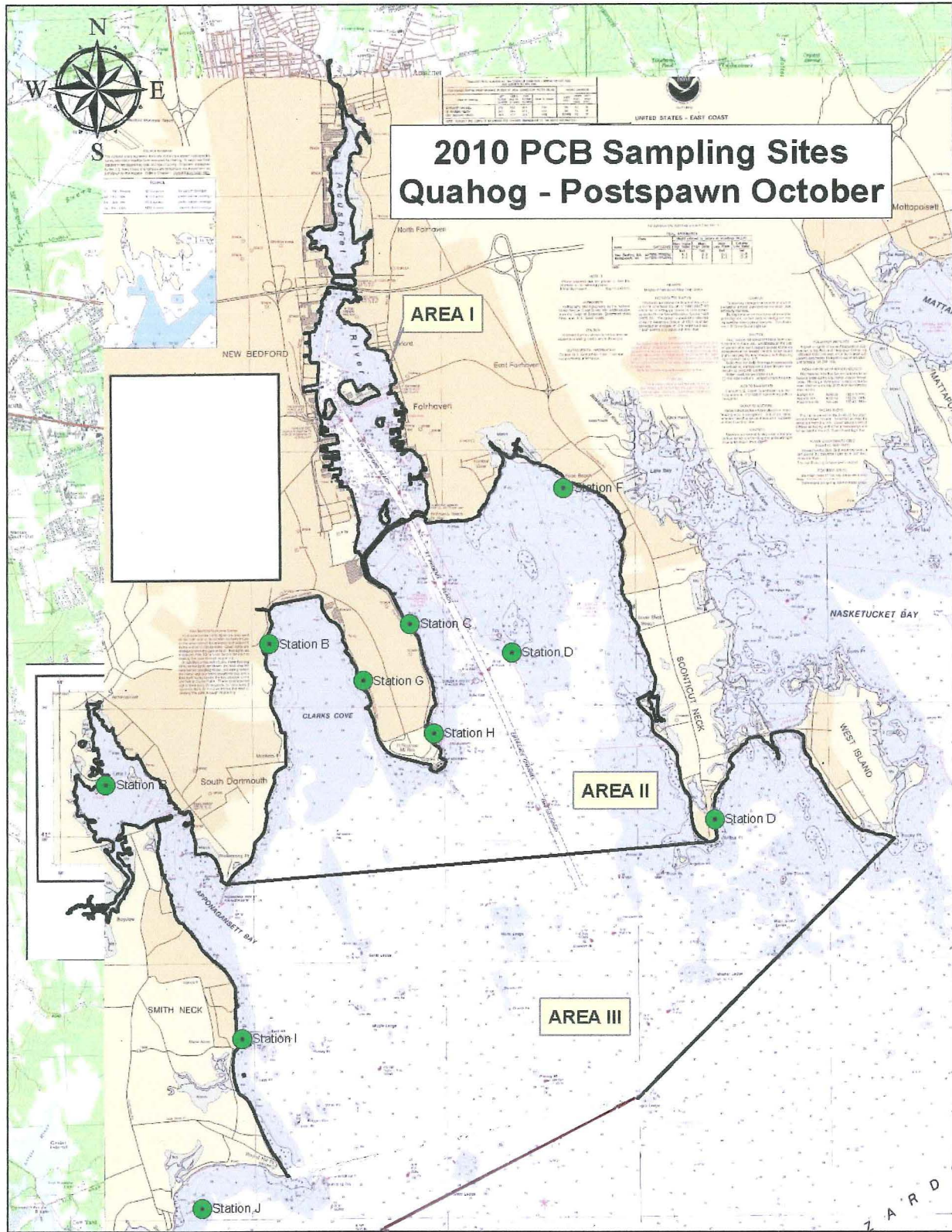


Figure 8 Quahog (Post-spawn October) Area II, & III

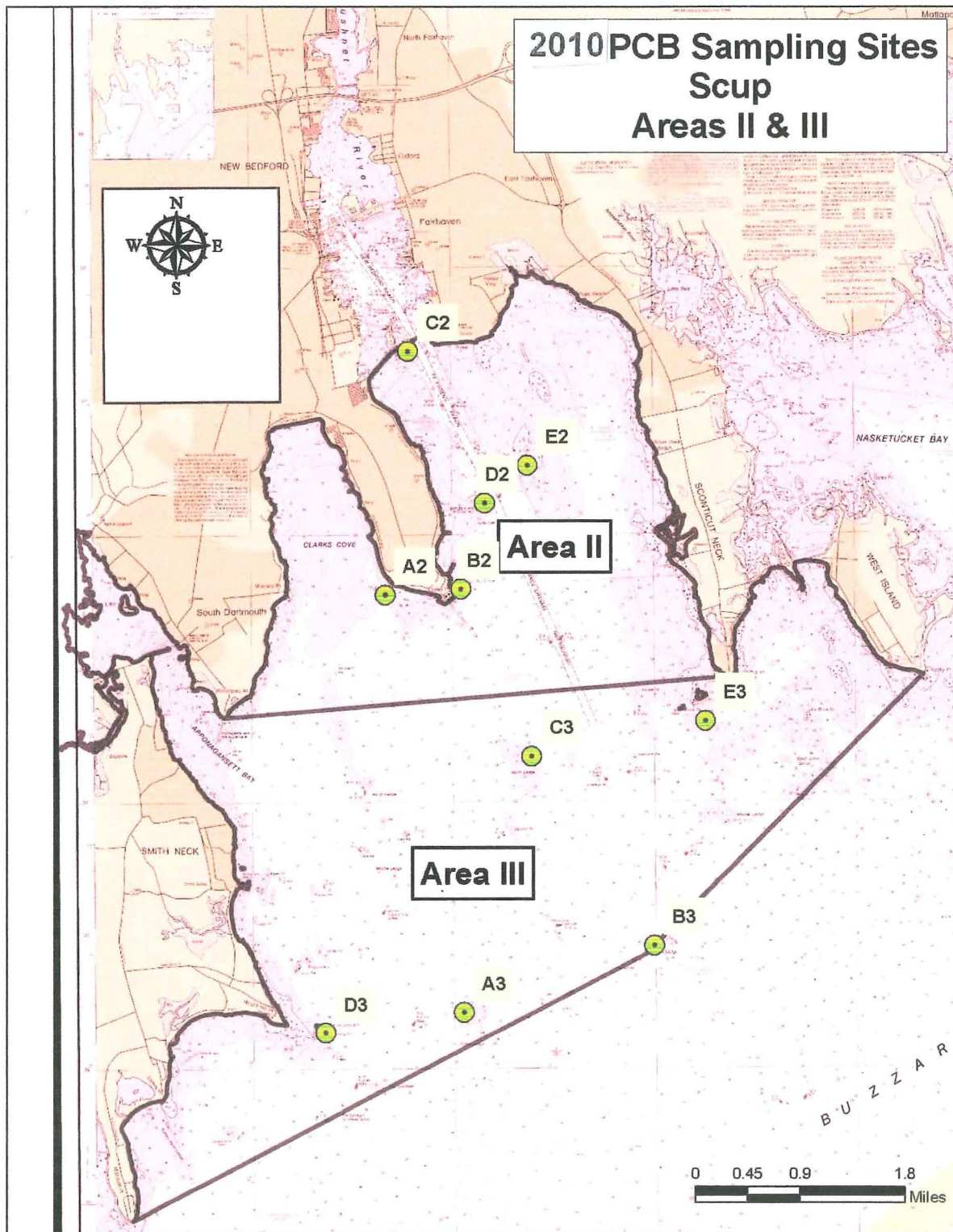


Figure 9 Scup Area II & III

ATTACHMENT 2
DMF FIELD COLLECTION SHEETS

Field Collection Form 1 Alewife
Field Collection Form 2 Bluefish
Field Collection Form 3 Black Sea Bass
Field Collection Form 4 Whelk
Field Collection Form 5 Quahog Pre-spawn
Field Collection Form 6 Quahog Post-spawn
Field Collection Form 7 Quahog Post-spawn
Field Collection Form 8 Scup
Field Data Form 1 – Length and weight data by species

FIELD COLLECTION FORM 1: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744
 PROJECT #: NBH10 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
03/21/10	NBH10-FF-C-1	5 Alewife	Station C NBR	NBH Area 1	041° 43.724' 070° 53.915'	Net	

FIELD COLLECTION FORM 2: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744
 PROJECT #: NBH10 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
6/18/2010	NBH10-FF-A-2	5 Bluefish	Station A Egg Island	NBH Area 2	041° 36.640' 070° 53.468'	Rod & Reel	
6/18/2010	NBH10-FF-B-2	5 Bluefish	Station B Clarks Cove	NBH Area 2	041° 35.857' 070° 54.888'	Rod & Reel	
6/18/2010	NBH10-FF-A-3	5 Bluefish	Station A S. of Sconticut Neck	NBH Area 3	041° 34.390' 070° 51.319'	Rod & Reel	
7/7/2010	NBH10-FF-B-3	4 Bluefish	Station B Near Great Ledge	NBH Area 3	041° 32.330' 070° 53.362'	Rod & Reel	

FIELD COLLECTION FORM 3: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH10 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
05/13/10, 6/15/10	NBH10-FF-C-3	5 Black Sea Bass	Station C North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Fish Pots	
06/07/10	NBH10-FF-E-2	5 Black Sea Bass	Station E Egg Island	NBH Area 2	041° 36.523' 070° 53.258'	Fish Pots	
06/07/10	NBH10-FF-D-2	5 Black Sea Bass	Station D Butler Flat Light	NBH Area 2	041° 36.242' 070° 53.683'	Fish Pots	
06/09/10	NBH10-FF-C-2	5 Black Sea Bass	Station C W of Opening	NBH Area 2	041° 37.380' 070° 54.430'	Fish Pots	
06/09/10, 06/11/10, 6/15/10	NBH10-FF-B-2	5 Black Sea Bass	Station B E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Fish Pots	
06/11/10, 6/15/10	NBH10-FF-A-2	5 Black Sea Bass	Station A SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Fish Pots	
07/1/10, 07/06/10	NBH10-FF-A-3	4 Black Sea Bass	Station A Great Ledge	NBH Area 3	041° 31.591' 070° 56.110'	Fish Pots	
06/21/10, 06/29/10	NBH10-FF-B-3	5 Black Sea Bass	Station B Negro Ledge	NBH Area 3	041° 32.922' 070° 52.023'	Fish Pots	
06/21/10, 06/29/10, 07/07/10	NBH10-FF-D-3	3 Black Sea Bass	Station D Radome	NBH Area 3	041° 32.281' 070° 55.292'	Fish Pots	
06/29/10, 07/1/10, 07/06/10	NBH10-FF-E-3	3 Black Sea Bass	Station E Packet Rock	NBH Area 3	41° 34.711' 070° 51.498'	Fish Pots	

FIELD COLLECTION FORM 4: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744
 PROJECT #: NBH10 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
11/2/2010 & 11/3/2010	NBH10-SF-B-2	14 Whelk	Station B E. of Fort Rodman	NBH Area 2	41° 37.380' 070° 54.430'	Diver	
11/1/2010	NBH10-SF-A-3	6 Whelk	Station A Great Ledge	NBH Area 3	41° 31.591' 070° 56.110'	Diver	
11/1/2010	NBH10-SF-C-3	12 Whelk	Station C North Ledge	NBH Area 3	41° 34.341' 070° 53.234'	Diver	
11/1/2010	NBH10-SF-D-3	4 Whelk	Station D Radome	NBH Area 3	41° 32.281' 070° 55.292'	Diver	

FIELD COLLECTION FORM 5: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH10 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

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

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
05/10/10	NBH10-SF-B-2	12 Quahogs (Prespawm)	Station B Rogers Street	NBH Area 2	041° 36.500' 070° 55.820'	Rake	
05/11/10	NBH10-SF-C-2	13 Quahogs(Prespawm)	Station C S of Fredrick St Ramp	NBH Area 2	041° 36.650' 070° 54.345'	Rake	
05/11/10	NBH10-SF-D-2	12 Quahogs (Prespawm)	Station D Egg Island	NBH Area 2	041° 36.422 070° 53.290'	Rake	
05/11/10	NBH10-SF-F-2	12 Quahogs (Prespawm)	Station F Priest's Cove	NBH Area 2	041° 37.700' 070° 52.740'	Rake	
05/10/10	NBH10-SF-G -2	12 Quahogs (Prespawm)	Station G W Rodney Family Area	NBH Area 2	041° 36.205' 070° 54.842'	Rake	
05/11/10	NBH10-SF-H -2	12 Quahogs (Prespawm)	Station H E Rodney Family Area	NBH Area 2	041° 35.790' 070° 54.108'	Rake	
05/11/10	NBH10-SF-B-3	12 Quahogs (Prespawm)	Station B Star of the Sea	NBH Area 3	041° 35.410' 070° 57.524'	Rake	
05/10/10	NBH10-SF-D-3	13 Quahogs (Prespawm)	Station D Nakata Beach	NBH Area 3	041° 35.102' 070° 51.192'	Dive	
05/10/10	NBH10-SF-I-3	12 Quahogs (Prespawm)	Station I Nonquit	NBH Area 3	041° 33.415' 070° 56.128'	Dive	
05/10/10	NBH10-SF-J-3	13 Quahogs (Prespawm)	Station J Salters Point	NBH Area 3	041 38.600' 070 57.233'	Dive	

FIELD COLLECTION FORM 6: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH10 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
08/09/10	NBH10-SF-B-2	13 Quahogs (Postspawn)	Station B Rogers Street	NBH Area 2	041° 36.500' 070° 55.820'	Dive	
08/09/10	NBH10-SF-C-2	13 Quahogs (Postspawn)	Station C S of Fredrick St Ramp	NBH Area 2	041° 36.650' 070° 54.345'	Rake	
08/09/10	NBH10-SF-D-2	12 Quahogs (Postspawn)	Station D Egg Island	NBH Area 2	041° 36.422' 070° 53.290'	Dive	
08/10/10	NBH10-SF-F-2	14 Quahogs (Postspawn)	Station F Priest's Cove	NBH Area 2	041° 37.700' 070° 52.740'	Rake	
08/09/10	NBH10-SF-G -2	15 Quahogs (Postspawn)	Station G W Rodney Family Area	NBH Area 2	041° 36.205' 070° 54.842'	Dive	
08/09/10	NBH10-SF-H -2	12 Quahogs (Postspawn)	Station H E Rodney Family Area	NBH Area 2	041° 35.790' 070° 54.108'	Rake	
08/10/10	NBH10-SF-B-3	12 Quahogs (Postspawn)	Station B Star of the Sea	NBH Area 3	041° 35.410' 070° 57.524'	Rake	
08/10/10	NBH10-SF-D-3	13 Quahogs (Postspawn)	Station D Nakata Beach	NBH Area 3	041° 35.102' 070° 51.192'	Rake	
08/09/10	NBH10-SF-I-3	12 Quahogs (Postspawn)	Station I Nonquit	NBH Area 3	041° 33.415' 070° 56.128'	Dive	
08/09/10	NBH10-SF-J-3	12 Quahogs (Postspawn)	Station J Salters Point	NBH Area 3	041 38.600' 070 57.233'	Dive	

FIELD COLLECTION FORM 7: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH09 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
10/4/2010	NBH10-SF-B-2	13 Quahogs (Postspawn)	Station B Rogers Street	NBH Area 2	041° 36.500' 070° 55.820'	Dive	
10/4/2010	NBH10-SF-C-2	13 Quahogs (Postspawn)	Station C S of Fredrick St Ramp	NBH Area 2	041° 36.650' 070° 54.345'	Rake	
10/12/2010	NBH10-SF-D-2	12 Quahogs (Postspawn)	Station D Egg Island	NBH Area 2	041° 36.422' 070° 53.290'	Dive	
10/4/2010	NBH10-SF-F-2	14 Quahogs (Postspawn)	Station F Priest's Cove	NBH Area 2	041° 37.700' 070° 52.740'	Rake	
10/4/2010	NBH10-SF-G -2	15 Quahogs (Postspawn)	Station G W Rodney Family Area	NBH Area 2	041° 36.205' 070° 54.842'	Dive	
10/5/2010	NBH10-SF-H -2	12 Quahogs (Postspawn)	Station H E Rodney Family Area	NBH Area 2	041° 35.790' 070° 54.108'	Rake	
10/4/2010	NBH10-SF-B-3	12 Quahogs (Postspawn)	Station B Star of the Sea	NBH Area 3	041° 35.410' 070° 57.524'	Rake	
10/4/2010	NBH10-SF-D-3	13 Quahogs (Postspawn)	Station D Nakata Beach	NBH Area 3	041° 35.102' 070° 51.192'	Rake	
10/7/2010	NBH10-SF-I-3	12 Quahogs (Postspawn)	Station I Nonquit	NBH Area 3	041° 33.415' 070° 56.128'	Dive	
10/7/2010	NBH10-SF-J-3	12 Quahogs (Postspawn)	Station J Salters Point	NBH Area 3	041 38.600' 070 57.233'	Dive	

FIELD COLLECTION FORM 8: DIVISION MARINE FISHERIES, NEW BEDFORD OFFICE, 838 S. RODNEY FRENCH BLVD, NEW BEDFORD, MA 02744

PROJECT #: NBH10 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
06/7/10	NBH10-FF-C-2	5 Scup	Station C W of Opening	NBH Area 2	041° 37.380' 070° 54.430'	Fish Pots	
06/7/10	NBH10-FF-D-2	5 Scup	Station D Butler Flat Light	NBH Area 2	041° 36.242' 070° 53.683'	Fish Pots	
06/7/10	NBH10-FF-E-2	5 Scup	Station E Egg Island Rocks	NBH Area 2	041° 36.523' 070° 53.258'	Fish Pots	
06/09/10	NBH10-FF-B-2	5 Scup	Station B E of Fort Rodman	NBH Area 2	041° 35.596' 070° 53.922'	Fish Pots	
06/09/10	NBH10-FF-A-2	5 Scup	Station A SMAST Pier	NBH Area 2	041° 35.556' 070° 54.669'	Fish Pots	
06/11/10	NBH10-FF-C-3	5 Scup	Station C North Ledge	NBH Area 3	041° 34.341' 070° 53.234'	Fish Pots	
06/29/10	NBH10-FF-A-3	5 Scup	Station A Great Ledge	NBH Area 3	041° 31.591' 070° 56.110'	Fish Pots	
06/21/10	NBH10-FF-B-3	5 Scup	Station B Negro Ledge	NBH Area 3	041° 32.922' 070° 52.023'	Fish Pots	
06/21/10	NBH10-FF-D-3	5 Scup	Station D Radome	NBH Area 3	041° 32.281' 070° 55.292'	Fish Pots	
06/21/10	NBH10-FF-E-3	5 Scup	Station E Packet Rock	NBH Area 3	41° 34.711' 070° 51.498'	Fish Pots	

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

Alewife				
Area 1				
Station C	NBH10-FF-A-1	New Bedford Reservoir	41° 43.724' / 070° 53.915'	3/21/2010 - 251 mm FL & 230g; 4/20/10 - 247 mm FL & 204 g; 255 mm FL & 234 g; 239 mm FL & 181g; 245 mm FL 7 198 g
Black Sea Bass				
Area 2				
Station A	NBH10-FF-A-2	SMAST Pier	41° 35.556' / 070° 54.669'	6/11/2010 - 44 cm TL & 0.8 kg; 32 cm TL & 0.4 kg; 6/15/2010 - 35 cm TL & 0.5 kg; 34 cm TL & 0.5 kg; 34 cm TL & 0.5 kg
Station B	NBH10-FF-B-2	East of Fort Rodman (Old Bart)	41° 35.596' / 070° 53.922'	6/9/2010 - 57 cm TL & 1.0 kg; 6/11/2010 - 38 cm TL & 0.6 kg; 34 cm TL & 0.5 kg; 6/15/2010 - 50 cm TL & 2.3 kg; 41 cm TL 0.8 kg
Station C	NBH10-FF-C-2	West of Opening	41° 37.380' / 070° 54.430'	6/7/2010 - 59 cm TL & 1.2 kg; 31 cm TL & 0.4 kg; 38 cm TL & 0.6 kg; 38 cm TL & 0.6 kg; 32 cm TL & 0.3 kg
Station D	NBH10-FF-D-2	Butler Flat Lighthouse	41° 36.242' / 070° 53.683'	6/7/2010 - 37 cm TL & 0.4 kg; 43 cm TL & 0.7 kg; 29 cm TL & 0.3 kg; 35 cm TL & 0.4 kg; 33 cm TL & 0.5 kg
Station E	NBH10-FF-E-2	Egg Island	41° 36.523' / 070° 53.258'	6/7/2010 - 34 cm TL & 0.4 kg; 36 cm TL & 0.6 kg; 28 cm TL & 0.3 kg; 30 cm TL & 0.3 kg; 33 cm TL & 0.3 kg
Area 3				
Station A	NBH10-FF-A-3	Great Ledge	41° 31.591' / 070° 56.110'	7/1/2010 - 24 cm TL & 0.2 kg; 7/6/2010 - 26 cm TL & 0.2 kg; 31 cm TL & 0.3 kg; 35 cm TL & 0.4 kg
Station B	NBH10-FF-B-3	Negro Ledge	41° 32.922' / 070° 52.023'	6/21/2010 - 35 cm TL & 0.5 kg; 39 cm TL & 0.7 kg; 35 cm TL & 0.55 kg; 37 cm TL & 0.6 kg; 6/29/2010 - 39 cm TL & 0.6 kg
Station C	NBH10-FF-C-3	North Ledge	41° 34.341' / 070° 53.234'	5/13/10 - 35 cm TL & 0.5kg; 40 cm TL & 0.7 kg; 35 cm TL & 0.6 kg; 6/15/2010 - 42 cm TL & 0.7 kg; 45 cm TL & 1.0 kg
Station D	NBH10-FF-D-3	Radome	41° 32.281' / 070° 55.292'	6/21/2010 - 28 cm TL & 0.3 kg; 6/29/2010 - 46 cm TL & 1.0 kg; 7/7/2010 - 38 cm TL & 0.6 kg
Station E	NBH10-FF-E-3	Packet Rock	41° 34.711' / 070° 51.498'	6/29/2010 - 52 cm TL & 1.5 kg; 7/1/2010 - 35 cm TL & 0.5 kg; 7/6/2010 - 32 cm TL & 0.3 kg
Bluefish				
Area 2				
Station A	NBH10-FF-A-2	Egg Island	41° 36.640' / 070° 53.468'	6/18/2010 - 48.5 cm FL & 1.9 kg; 39.5 cm FL & 1.8 kg; 44 cm FL & 1.1kg; 44.5 cm FL & 1.1 kg; 43.5 cm FL & 1.1 kg
Station B	NBH10-FF-B-2	Clarks Cove	41° 35.857' / 070° 54.888'	6/18/2010 - 50 cm FL & 1.5 kg; 45 cm FL & 1.1 kg; 61.5 cm FL & 2.5 kg; 70 cm FL & 4.1 kg; 40.5 cm FL & 0.8 kg
Area 3				
Station A	NBH10-FF-A-3	S. of Sconticut Neck	41° 34.390' / 070° 51.319'	6/18/2010 - 69 cm FL & 3.6 kg; 42.7 cm FL & 1.0 kg; 44 cm FL & 1.1 kg; 43.5 cm FL & 1.0 kg; 35.5 cm FL & 0.6 kg
Station B	NBH10-FF-B-3	Near Great Ledge	41° 32.330' / 070° 53.362'	7/7/2010 - 43 cm FL & 0.9 kg; 73.5 cm FL & 4.3 kg; 66 cm FL & 3.6 kg; 62 cm FL & 2.8 kg
Scup				
Area 2				
Station A	NBH10-FF-A-2	SMAST Pier	41° 35.556' / 070° 54.669'	6/9/2010 - 27 cm FL & 0.3 kg; 24 cm FL & 0.3 kg; 26 cm FL & 0.3 kg; 29 cm FL & 0.4 kg; 27 cm FL & 0.3 kg
Station B	NBH10-FF-B-2	East of Fort Rodman (Old Bart)	41° 35.596' / 070° 53.922'	6/9/2010 - 25 cm FL & 0.3 kg; 30 cm FL & 0.5 kg; 25 cm FL & 0.2 kg; 26 cm TL & 0.3 kg; 27 cm FL & 0.3 kg
Station C	NBH10-FF-C-2	West of Barrier Opening	41° 37.380' / 070° 54.430'	6/7/2010 - 27 cm FL & 0.3 kg; 26 cm FL & 0.3 kg; 27 cm FL & 0.4 kg; 27 cm FL & 0.3 kg; 26 cm FL & 0.3 kg
Station D	NBH10-FF-D-2	Butler Flat Lighthouse	41° 36.242' / 070° 53.683'	6/7/2010 - 26 cm FL & 0.3 kg; 26 cm FL & 0.3 kg; 26 cm FL & 0.3 kg; 25 cm FL & 0.2 kg; 24 cm FL & 0.2 kg
Station E	NBH10-FF-E-2	Egg Island	41° 36.523' / 070° 53.258'	6/7/2010 - 24 cm FL & 0.2 kg; 26 cm FL & 0.3 kg; 24 cm FL & 0.2 kg; 27 cm FL & 0.4 kg; 23 cm FL & 0.2 kg
Area 3				
Station A	NBH10-FF-A-3	Great Ledge	41° 31.591' / 070° 56.110'	6/29/2010 - 25 cm FL & 0.3 kg; 31 cm FL & 0.5 kg; 29 cm FL & 0.5 kg; 23 cm FL & 0.2 kg; 22 cm FL & 0.2 kg
Station B	NBH10-FF-B-3	Negro Ledge	41° 32.922' / 070° 52.023'	6/21/2010 - 27 cm FL & 0.4kg; 25 cm FL & 0.3 kg; 27 cm FL & 0.4 kg; 28 cm FL & 0.45 kg; 23 cm FL & 0.25 kg
Station C	NBH10-FF-C-3	North Ledge	41° 34.341' / 070° 53.234'	6/11/2010 - 30 cm FL & 0.5 kg; 27 cm FL & 0.3 kg; 24 cm FL & 0.3 kg; 28 cm FL & 0.5 kg; 25 cm FL & 0.3 kg
Station D	NBH10-FF-D-3	Radome	41° 32.281' / 070° 55.292'	6/21/2010 - 24 cm FL & 0.3 kg; 22 cm FL & 0.2 kg; 23 cm FL & 0.25 kg; 21 cm FL & 0.2 kg; 24 cm FL & 0.3 kg
Station E	NBH10-FF-E-3	Packet Rock	41° 34.711' / 070° 51.498'	6/21/2010 - 20 cm FL & 0.2 kg; 23 cm FL & 0.2 kg; 21 cm FL & 0.2 kg; 24 cm FL & 0.25 kg; 19 cm TL & 0.15 kg

Appendix D

Striped Bass Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2010 Annual Report

June 21, 2011

Mr. Paul Craffey
Commonwealth of Massachusetts
Department of Environmental Protection
One Winter Street
Boston, MA 02108

RE: Striped Bass Seafood Monitoring – Field Sampling Activities for the New Bedford Harbor Superfund Site, 2010 Annual Report

MACTEC Engineering & Consulting, Inc. (MACTEC) collected legal size striped bass from New Bedford Harbor fish closure areas for the Massachusetts Department of Environmental Protection (MassDEP). At the end of the collection period, these frozen samples were delivered to the Alpha Woods Hole Laboratories in Mansfield, Massachusetts for analysis. This letter report describes the striped bass sample collection field activities in 2010 undertaken in accordance with the Field Sampling Work Plan For Striped Bass Sample Collection prepared by MACTEC for MassDEP (June 10, 2010).

Sample Sites

The three Fish Closure Areas are identified in Figure 1. These three Fish Closure Areas were designated by the Massachusetts Department of Public Health in 1979. Area I includes the waters of the Acushnet River and the New Bedford/Fairhaven Inner Harbor north of the Hurricane Barrier. Area II 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 III 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.

2010 Striped Bass Field Collection

Striped bass fishing was done on June 15, 2010 and July 3rd and 4th, 2010 using rod and reel techniques. Attempts were made to collect legal size striped bass (28 inches or greater) in each area. No fish were caught on June 15. On July 3rd and 4th, four striped bass were caught in Area II and four were caught in Area III. No striped bass were caught in Area I. Legal sized fish were only obtained from one station just north of the southern boundary of Area III on July 4, 2010. Three of the four fish caught in Area III met the size limit goal for the project. The sampling location is marked on Figure 1. Legal size fish were collected for lab analysis. Sub-legal size fish were released. Information regarding the harvest dates, sample identification information,

Mr. Paul Craffey
June 21, 2011
Page 2

species, specimen length and weight, location by latitude and longitude, and collection method is in this letter report as Attachment 1 – Field Collection Forms, Photos, and Chain of Custody.

Thank you for the opportunity to provide the MassDEP with sampling support for the Seafood Monitoring program being conducted at the New Bedford Harbor Superfund Site.



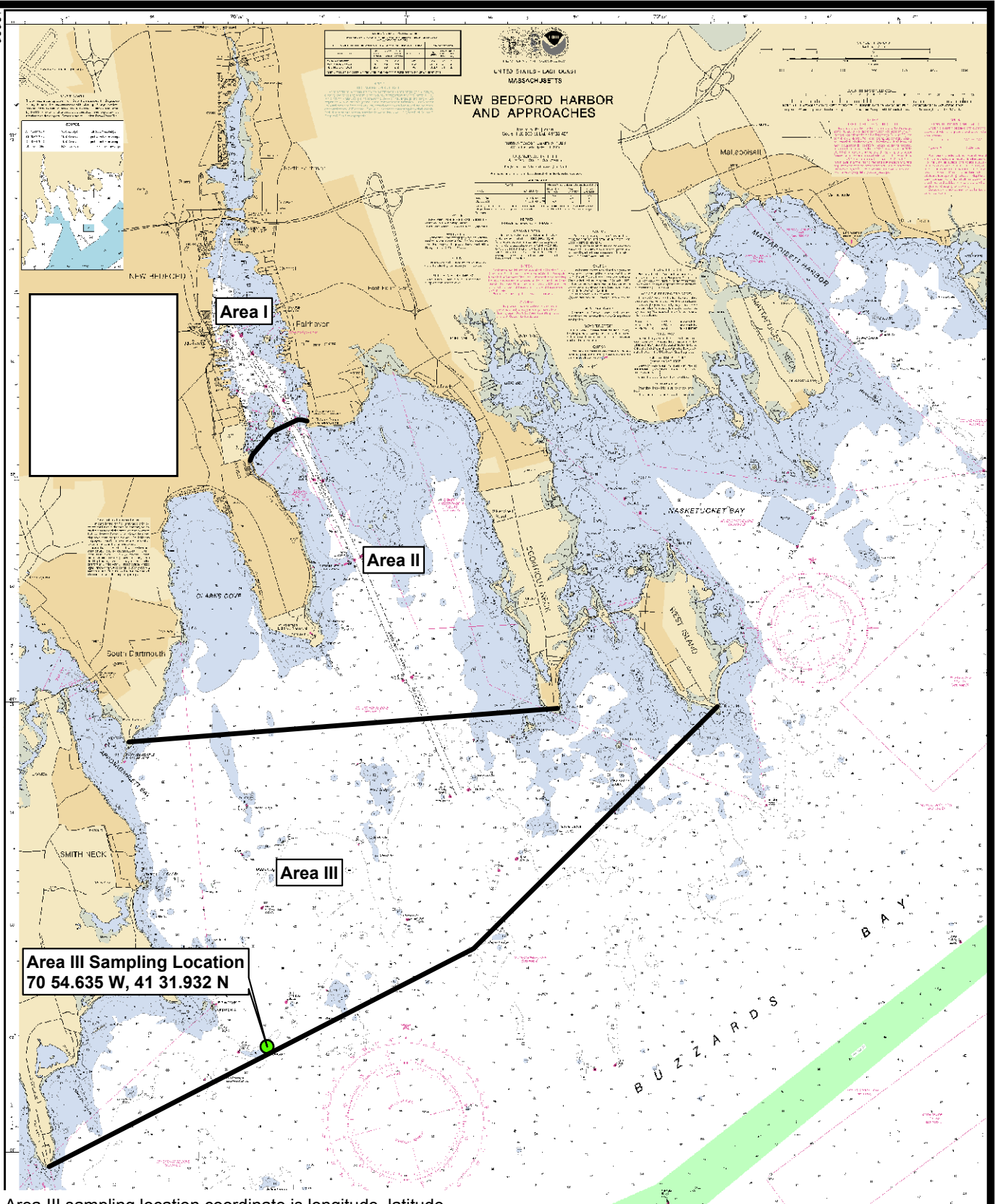
Jayme Connolly
Project Manager
MACTEC Engineering and Consulting, Inc.



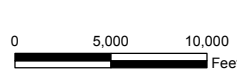
John W. Peterson
Principal
MACTEC Engineering and Consulting, Inc.

ATTACHMENTS

Figure 1 – Striped Bass Area III Sampling Location
Field Collection Forms, Photos, and Chain of Custody



Area III sampling location coordinate is longitude, latitude with units of degrees, decimal minutes. NOAA Raster Navigational Chart # 13232 for New Bedford Harbor and Approaches obtained from Office of Coast Survey at: <http://www.nauticalcharts.noaa.gov/mcd/Raster>



Prepared/Date: BRP 06/20/11
Checked/Date: JPC 06/20/11

MA DEP
New Bedford Harbor
New Bedford, Massachusetts



Area III Sampling Location
Project 3650-08-0120 Figure 1

ATTACHMENT 1

FIELD COLLECTION FORMS, PHOTOS, & CHAIN OF CUSTODY

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

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 4/4/10 Time: 4:00 AM

Climate: Clear Sky - SW wind

Field Personnel: Chris Riccardi

Collection Method: Hook/line Other Species: Striped bass

Sample Area: I / II / III - circle one

Latitude: 41° 31.932' N Longitude: 70° 54.635' W (deg/min/seconds) degrees/decimal minutes

Sample ID Number: NBH10-XX-A-3 (A3-A)

Photo ID Number(s): 1

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	length (cm)	whole mass (g)	Sex	Physical Observations/Anomalies
A3-A	SB	72.4	3178	NR	No Anomalies

SB = Striped Bass M = Male F = Female

28.5" 7lb

LABORATORY PREPARATION SUMMARY

- Fillet Skin off - six section composite
PCB - Final lab sample weight (g) 1082
Lipids - Final Lab sample weight (g) 1082
- Offal Scale/skin - six section composite (from fillet)
PCB - Final lab sample weight (g) 154
Lipids - Final Lab sample weight (g) 154
- Offal Liver
PCB - Final lab sample weight (g) 22.2
Lipids - Final Lab sample weight (g) 22

Comments: Latitude and Longitude data provided by Macatac Sport fishing, Fairhaven, MA

NR = not recorded.

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

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 7/4/10 Time: 4:15 AM
 Climate: Clear Sky - SW wind
 Field Personnel: Chris Picardi

Collection Method: Hook/line Other Species: Striped bass

Sample Area: I / II / III - circle one

Latitude: 41° 31.932 N Longitude: 70° 54.635 W (deg/min/seconds) *degrees/decimal minutes*

Sample ID Number: NBH10-XX-B-3 (A3-B)

Photo ID Number(s): 2

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	length (cm)	whole mass (g)	Sex	Physical Observations/Anomalies
A3-B	SB	178.4	4767	NR	No Anomalies

SB = Striped Bass M = Male F = Female
 30.78" 10.5 lb

LABORATORY PREPARATION SUMMARY

- () Fillet Skin off - six section composite
 PCB - Final lab sample weight (g) 1594
 Lipids - Final Lab sample weight (g) 1594
- () Offal Scale/skin - six section composite (from fillet)
 PCB - Final lab sample weight (g) 216
 Lipids - Final Lab sample weight (g) 216
- () Offal Liver
 PCB - Final lab sample weight (g) 44
 Lipids - Final Lab sample weight (g) 44

Comments: Latitude and longitude data provided by Macatac Sportfishing, Fairhaven, MA

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

**NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS**

Date: 7/4/10 Time: 4:45 Am
 Climate: Clear Sky - SW wind
 Field Personnel: Chris Ricardi
 Collection Method: Hook/line Other Species: Striped bass
 Sample Area: I / II III - circle one
 Latitude: 41° 31.932 N Longitude: 70° 54.635 W (deg/min/seconds) *degrees/decimal minutes*
 Sample ID Number: NBH10-XY-C-3 (A3-C)
 Photo ID Number(s): 3

SAMPLE SPECIMEN SUMMARY

Specimen Number	Species	length (cm)	whole mass (g)	Sex	Physical Observations/Anomalies
AC-3	SB	88.9	6583	NR	No Anomalies

SB = Striped Bass M = Male F = Female

35" 14.5 lb

LABORATORY PREPARATION SUMMARY

- (✓) Fillet Skin off - six section composite
 PCB - Final lab sample weight (g) 2158
 Lipids - Final Lab sample weight (g) 2158
- (✓) Offal Scale/skin - six section composite (from fillet)
 PCB - Final lab sample weight (g) 291
 Lipids - Final Lab sample weight (g) 291
- (✓) Offal Liver
 PCB - Final lab sample weight (g) 51
 Lipids - Final Lab sample weight (g) 51

Comments: Longitude and Latitude data provided by Macatae Sport fishing, Fairhaven, MA

NR = Not Recorded.

Sample ID Number A3-A



Sample ID Number A3-B



Sample ID Number A3-C



