Contaminated Monitoring Report for Seafood Harvested in 2010 from the New Bedford Harbor Superfund Site

by

Massachusetts Department of Environmental Protection

and

Massachusetts Division of Marine Fisheries

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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 worse 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 filet 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".

6. References

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FIGURES

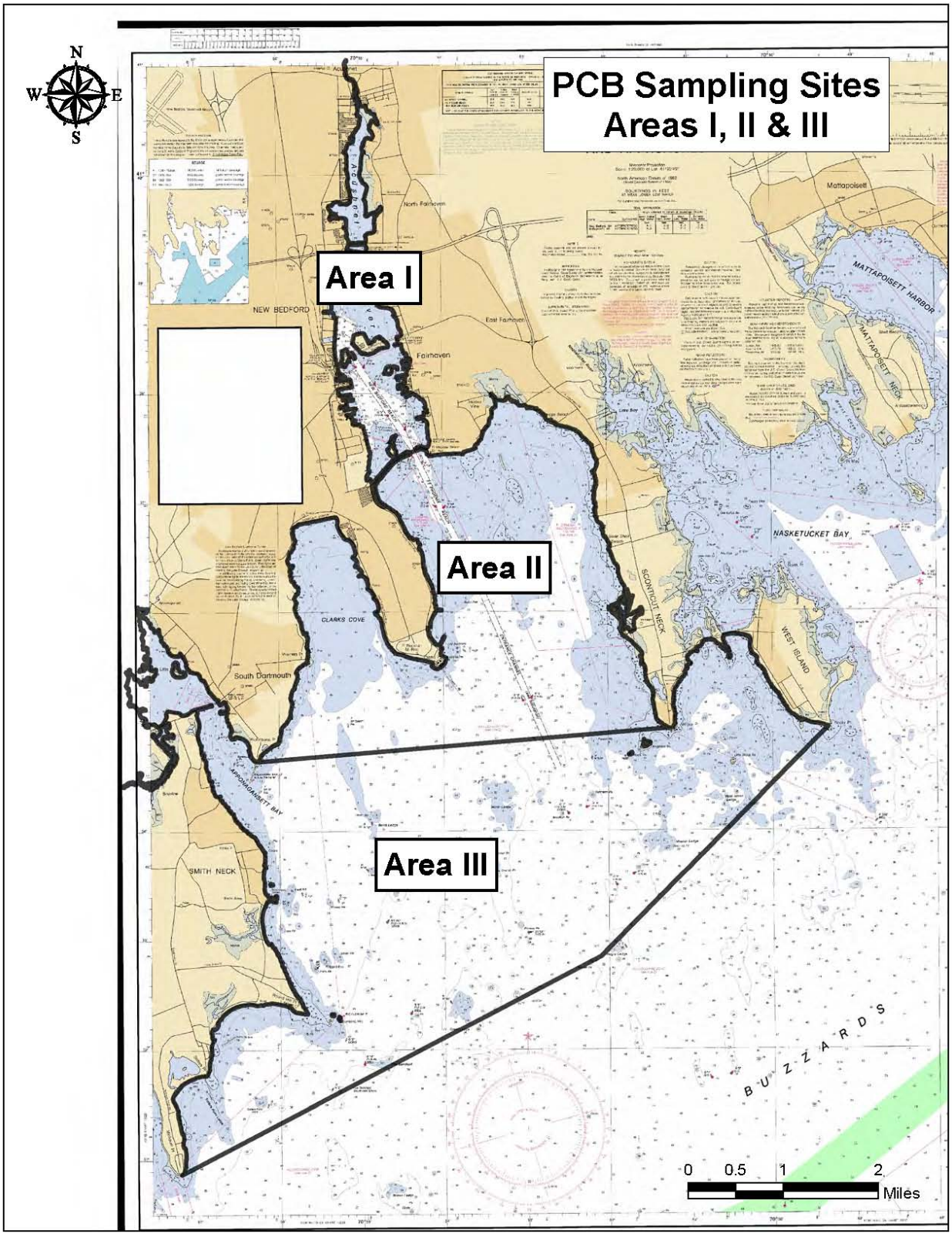


Figure 1 Fish Closure Areas I to III

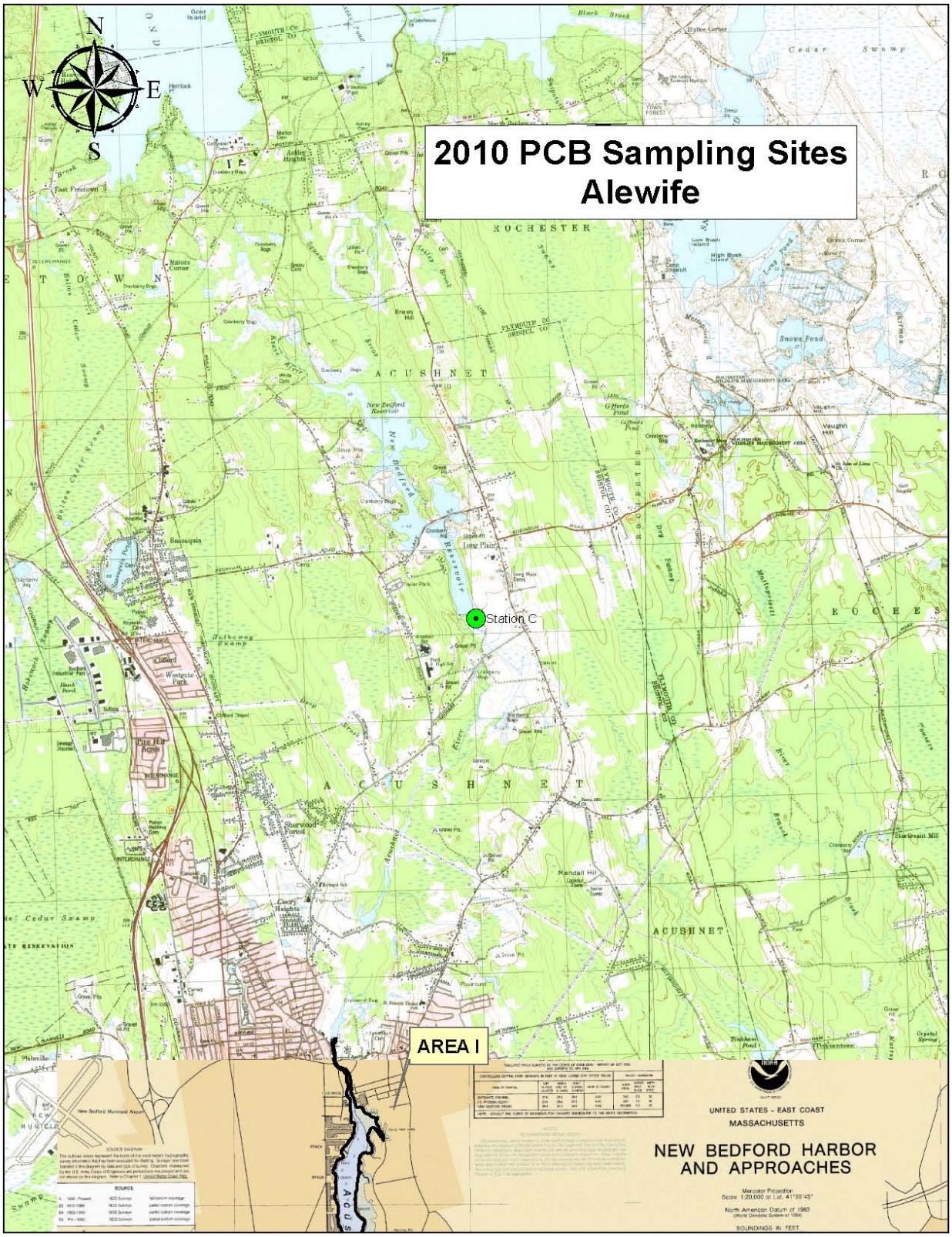


Figure 2 Alewife Sample Locations - Area I

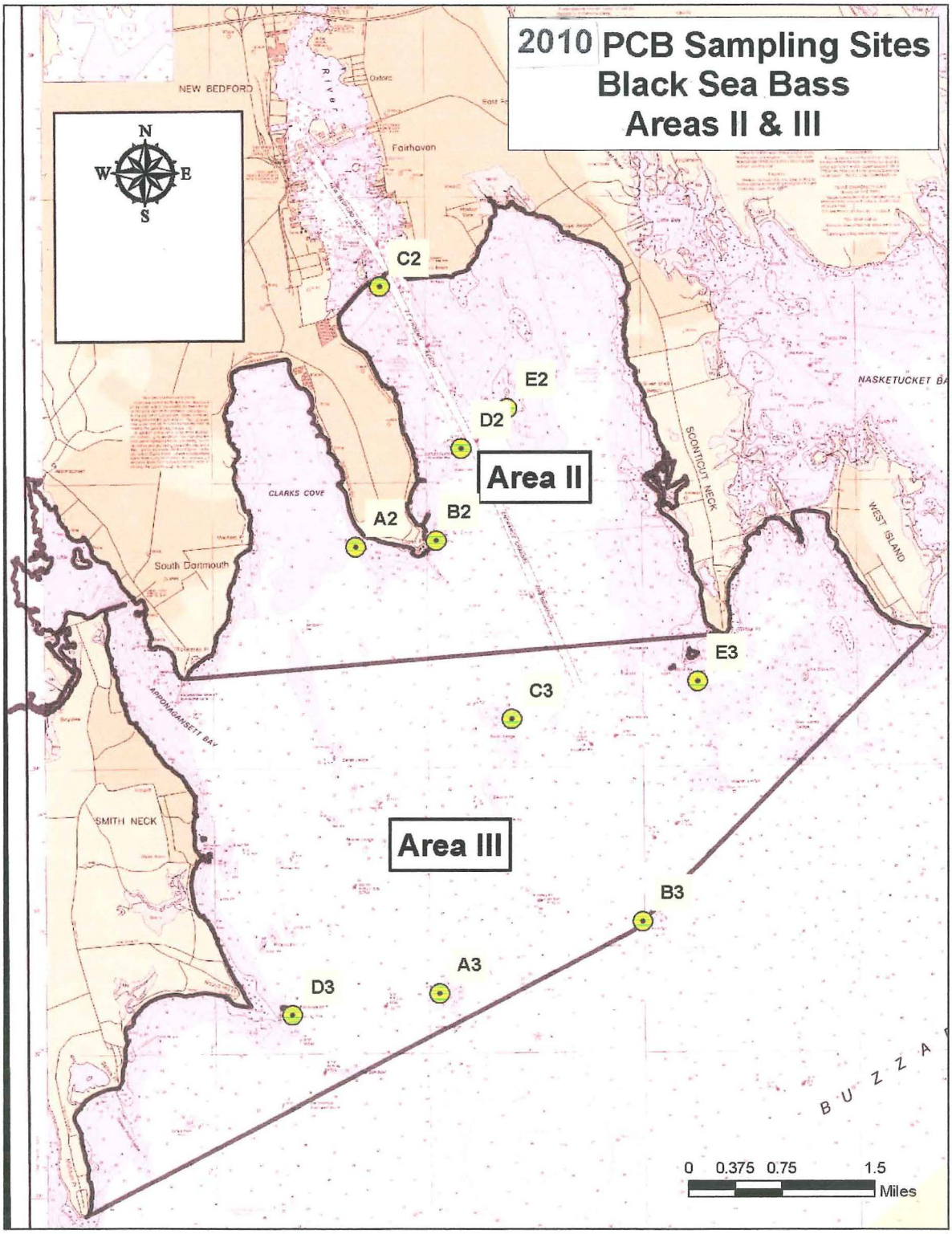


Figure 3 Black Sea Bass Area II & III

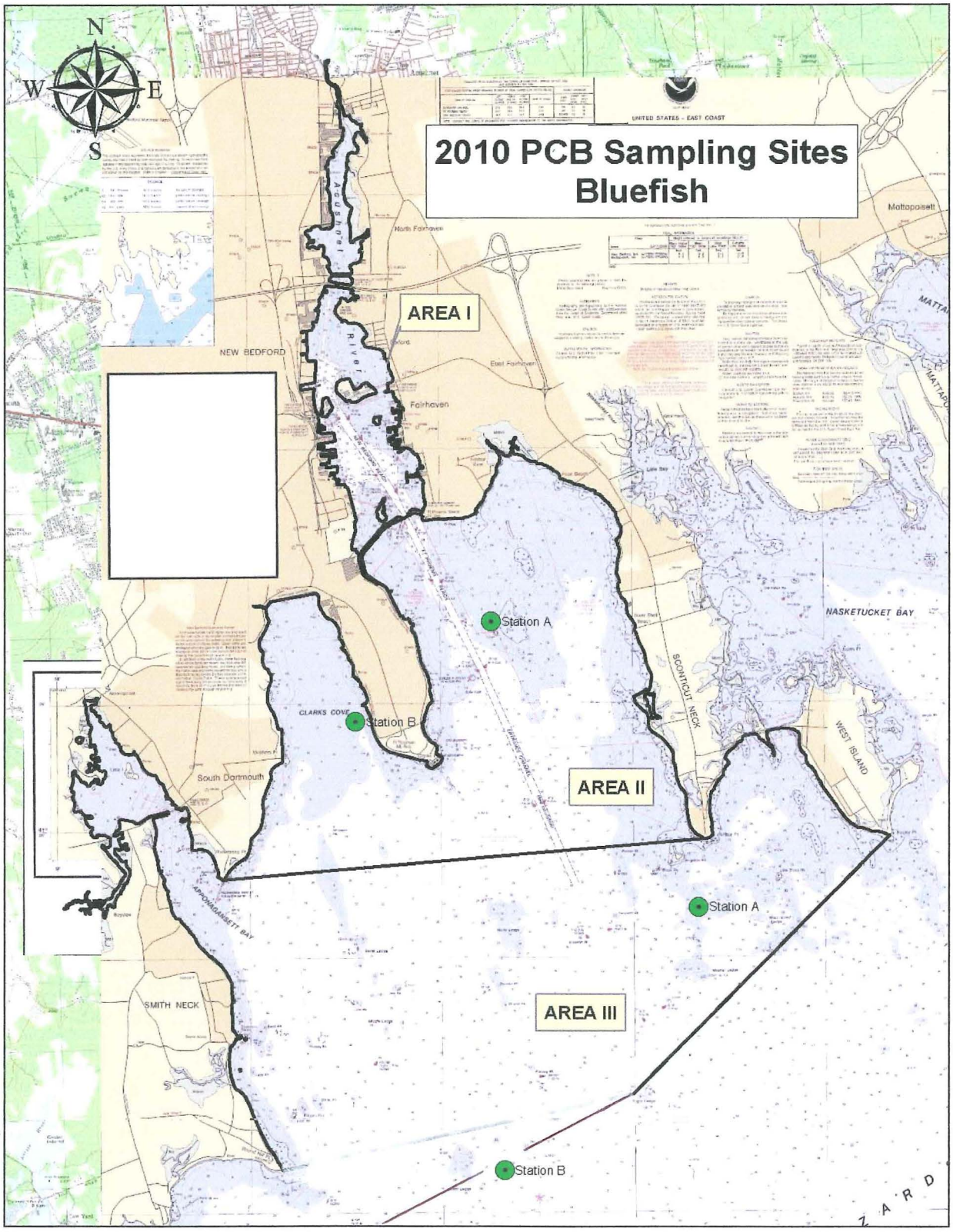


Figure 4 Bluefish Area II & III

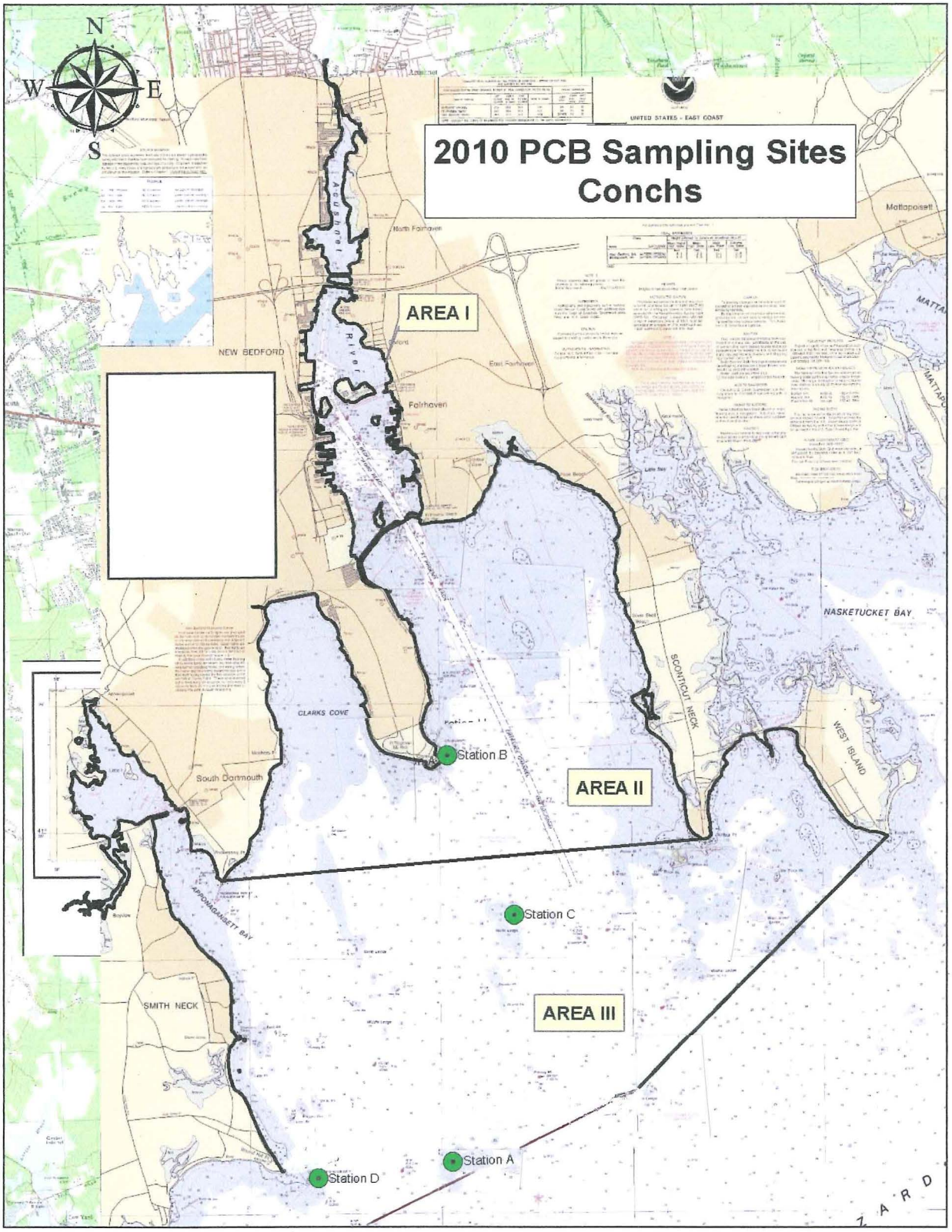


Figure 5 Conch (Channeled & Knobbed Whelk) Area II & III

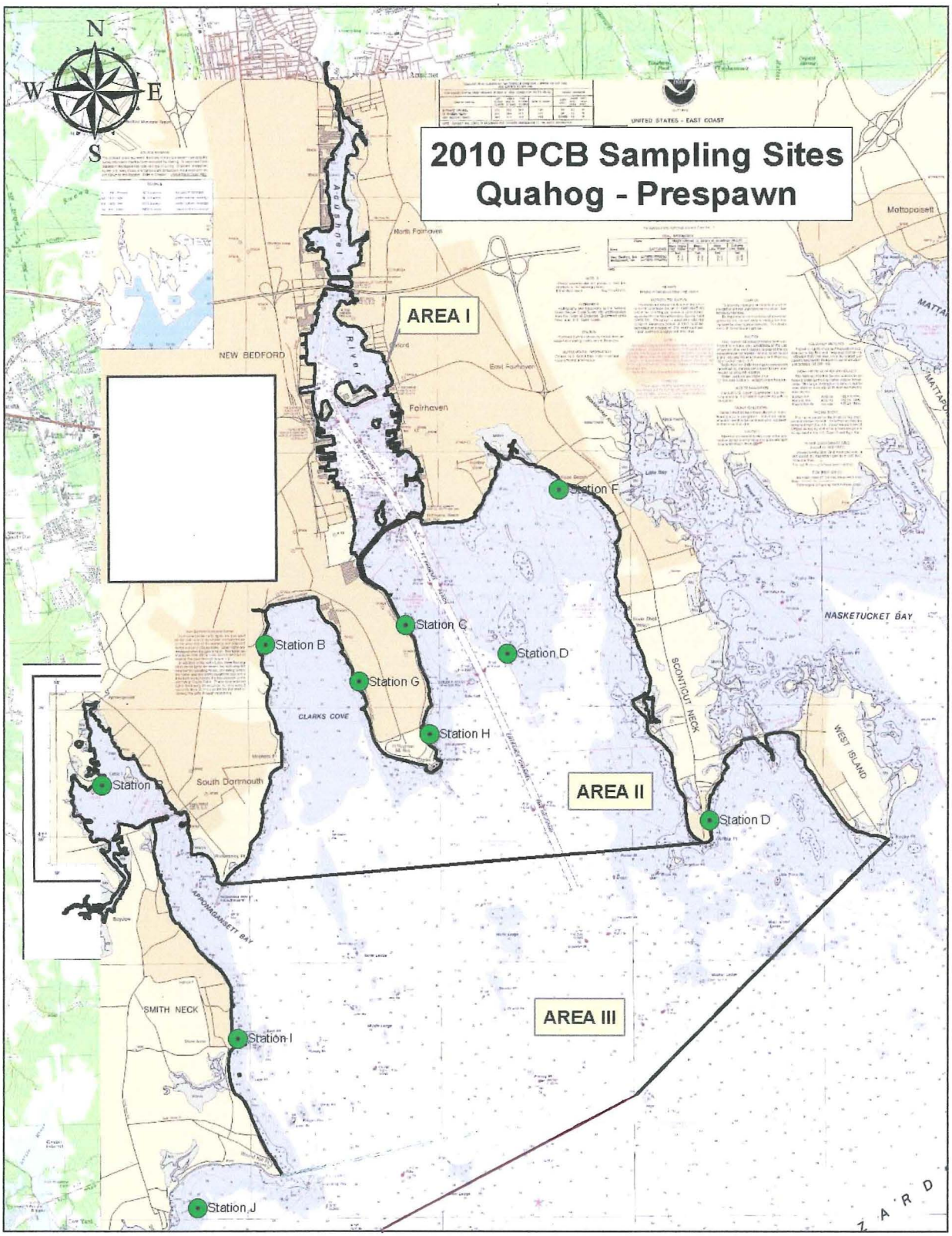


Figure 6 Quahog (Pre-spawn) Area II, & III

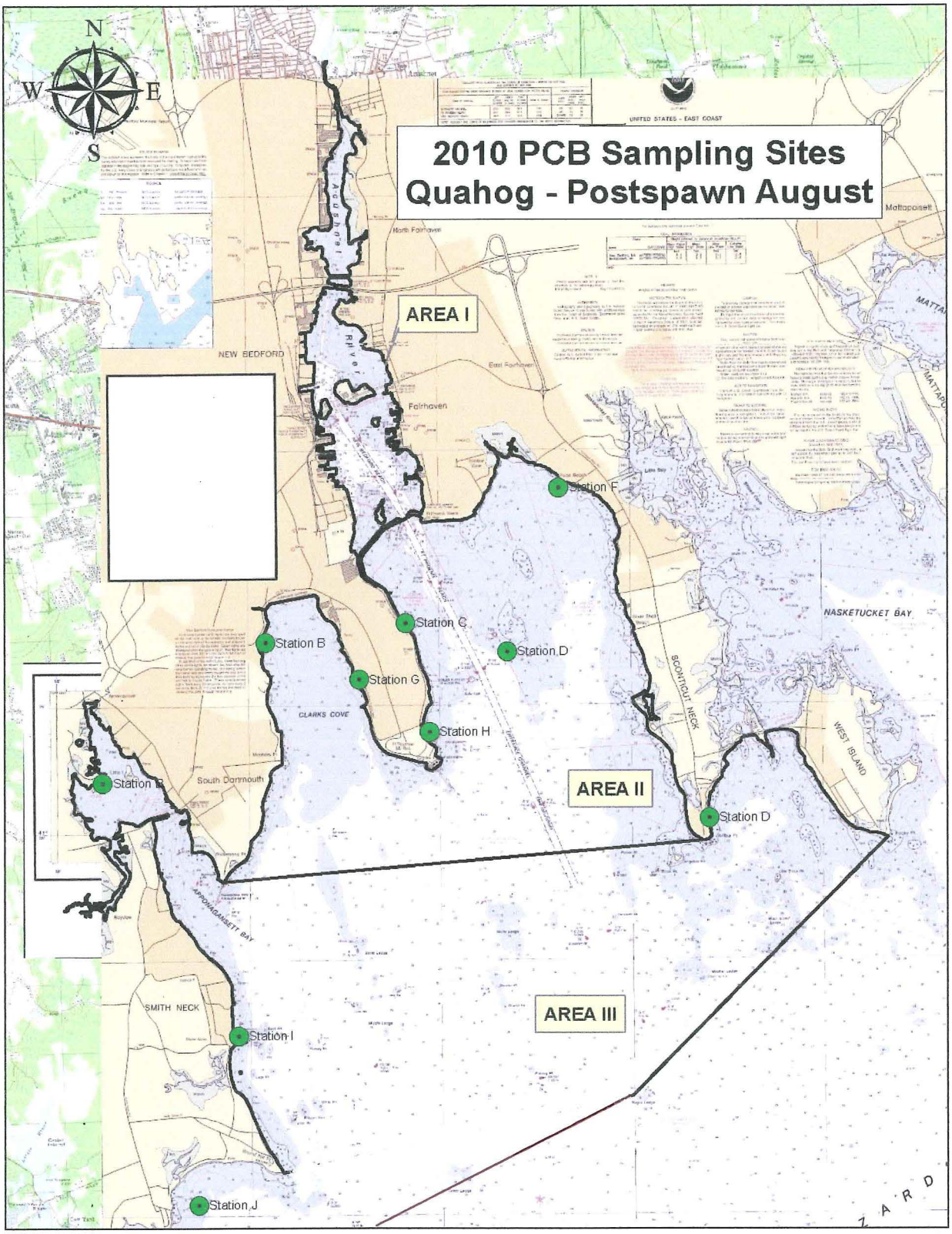


Figure 7 Quahog (Post-spawn August) Area II, & III

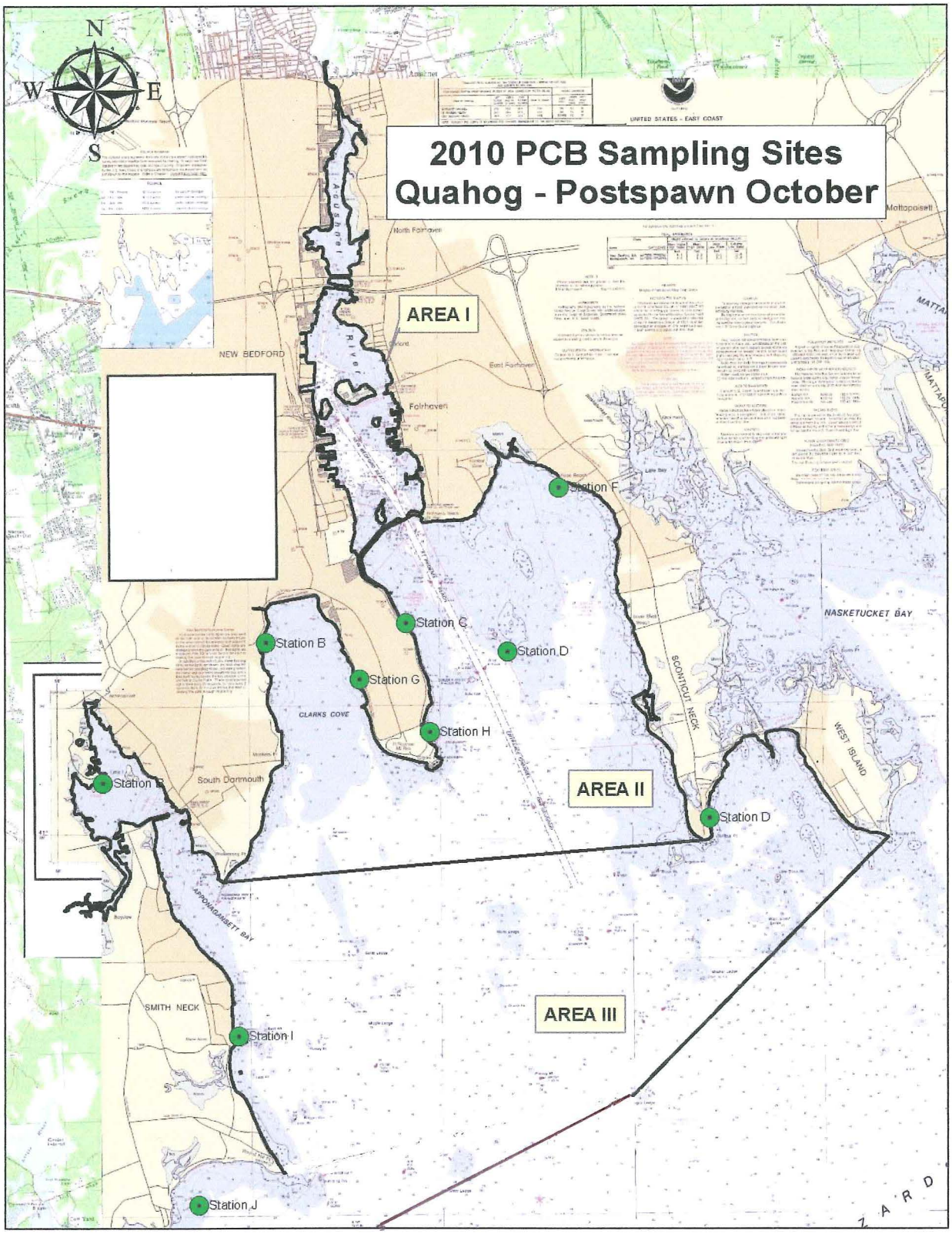


Figure 8 Quahog (Post-spawn October) Area II, & III

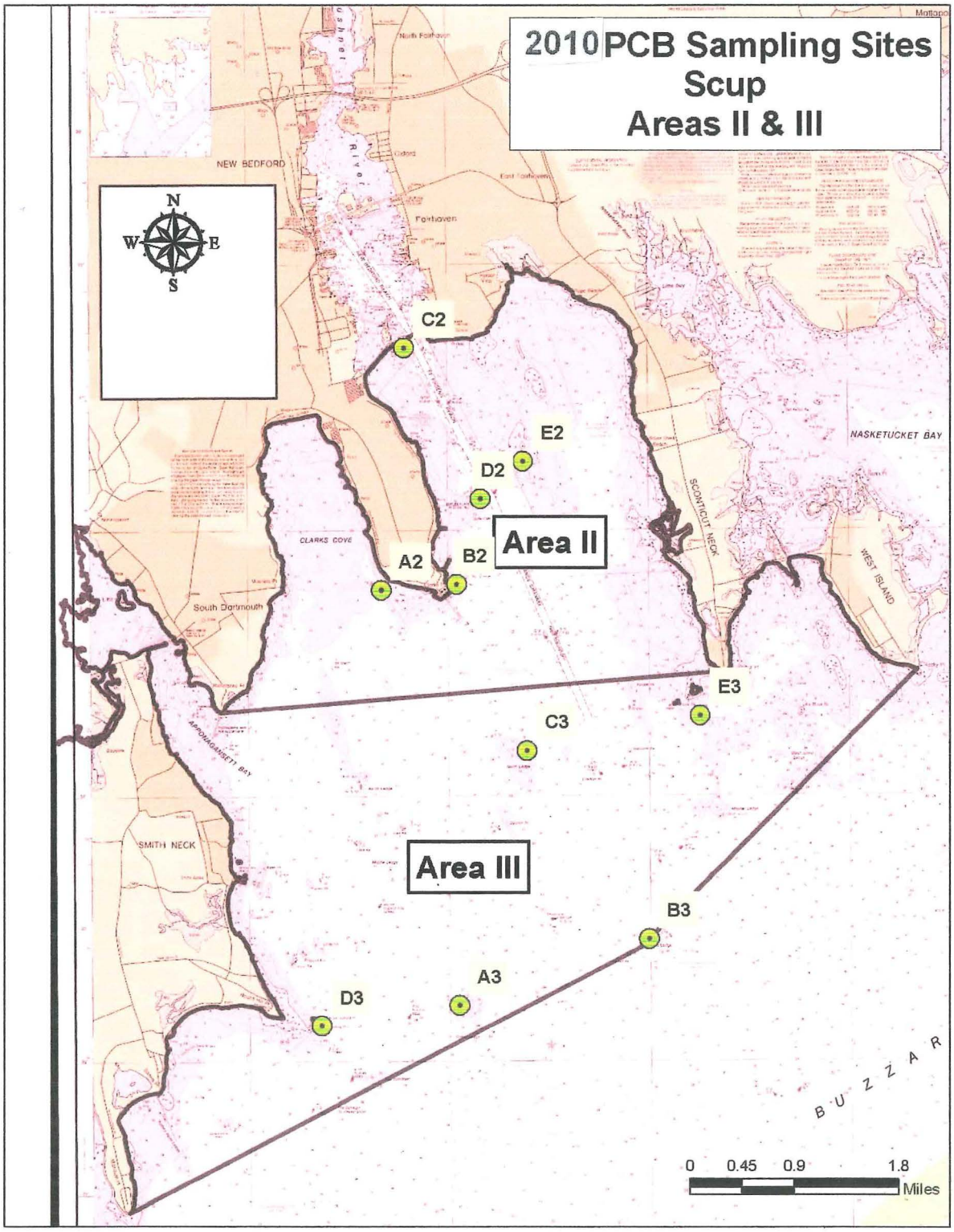


Figure 9 Scup Area II & III

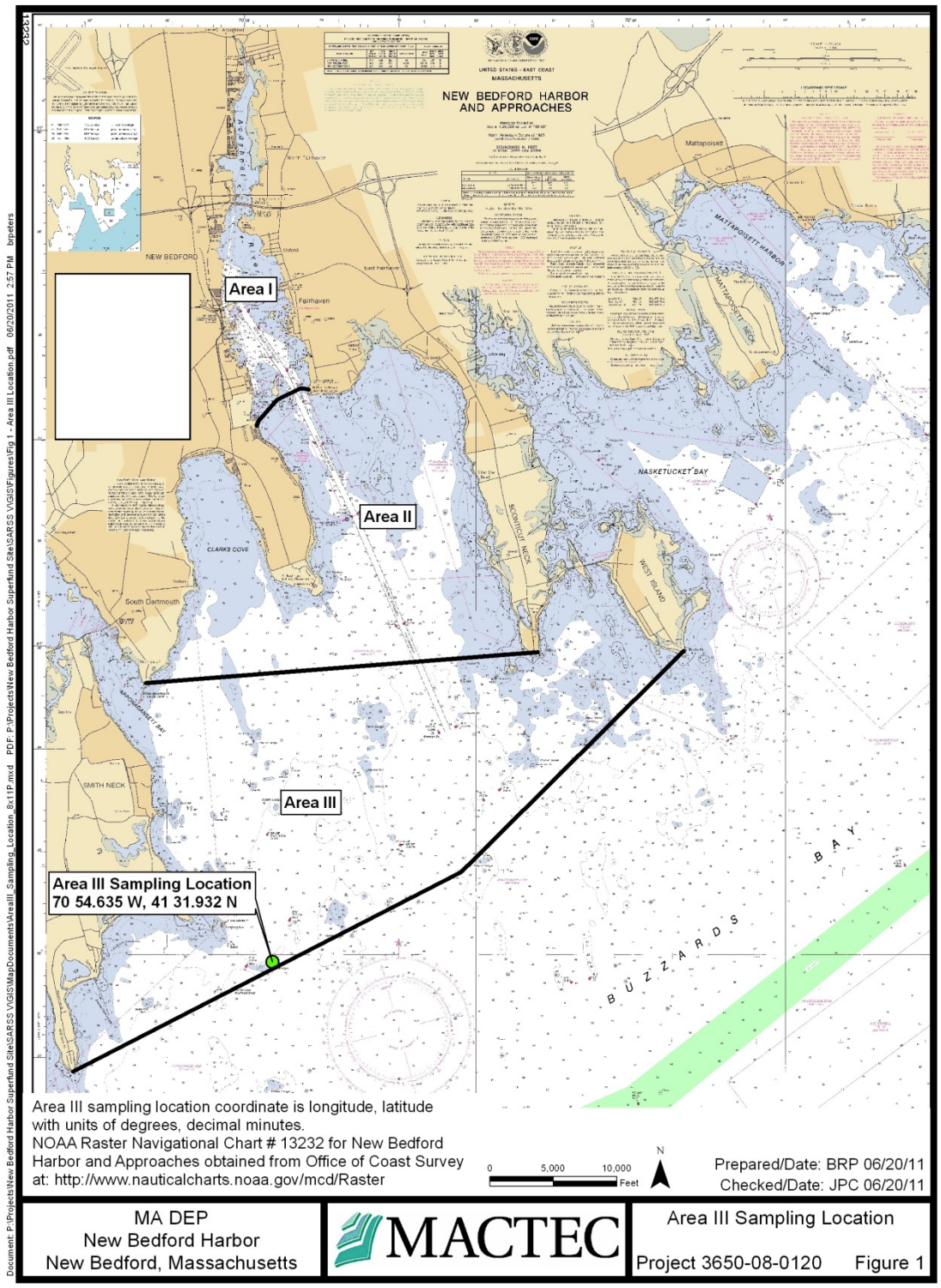
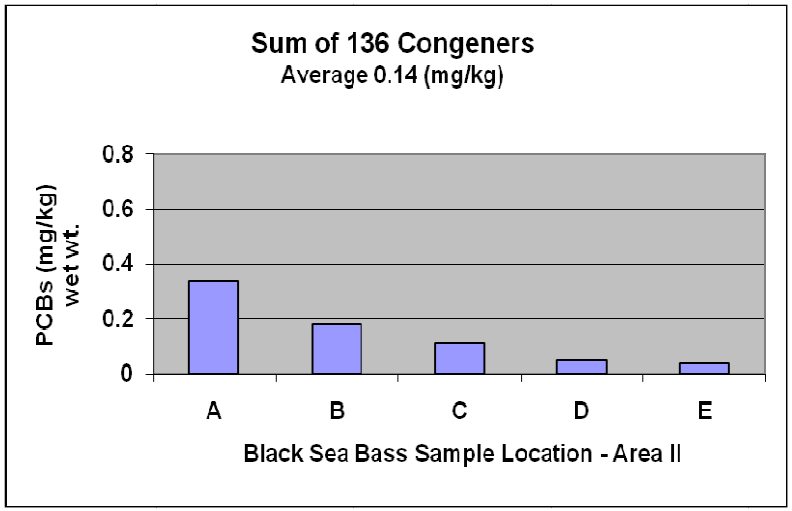
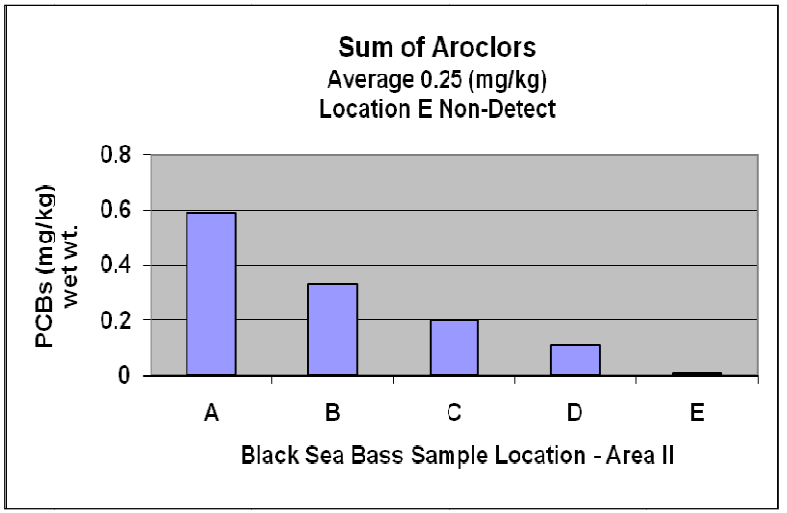
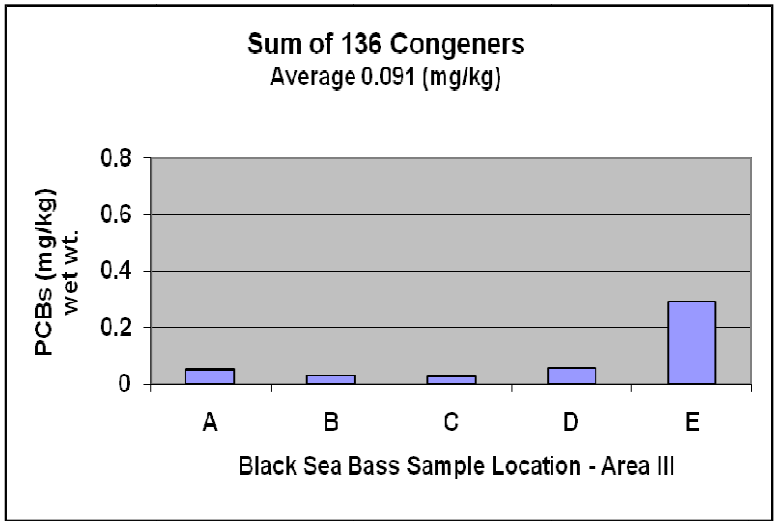


Figure 10 Striped Bass Sample Locations - Area III







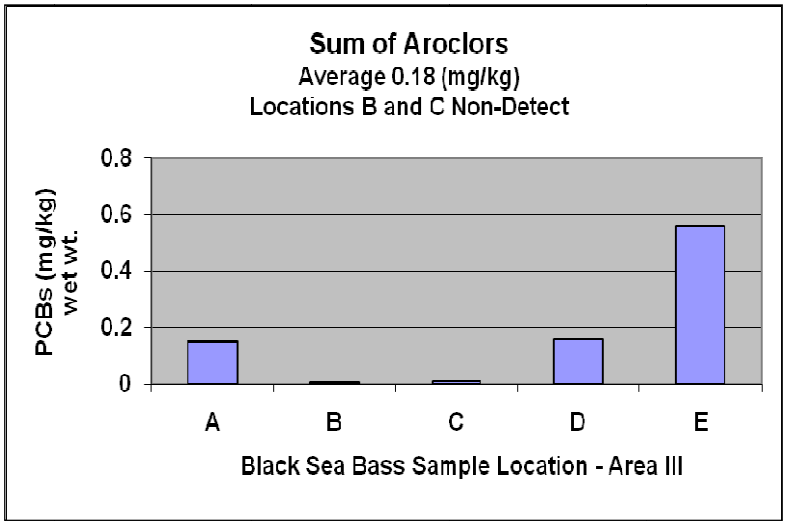
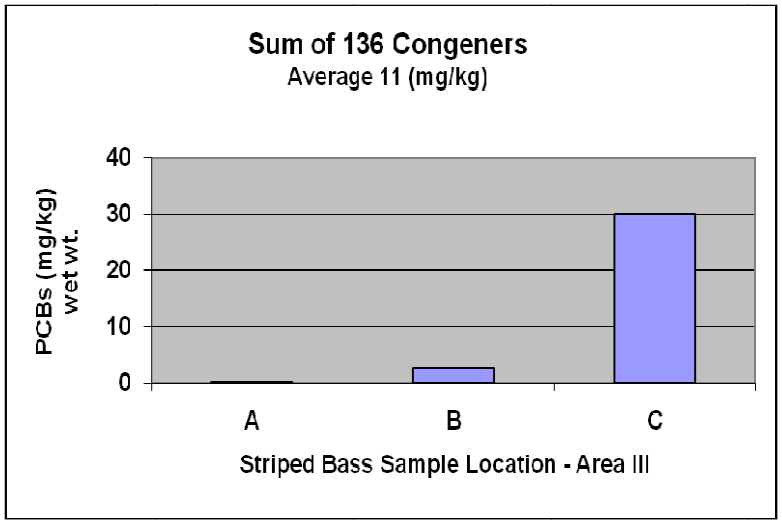
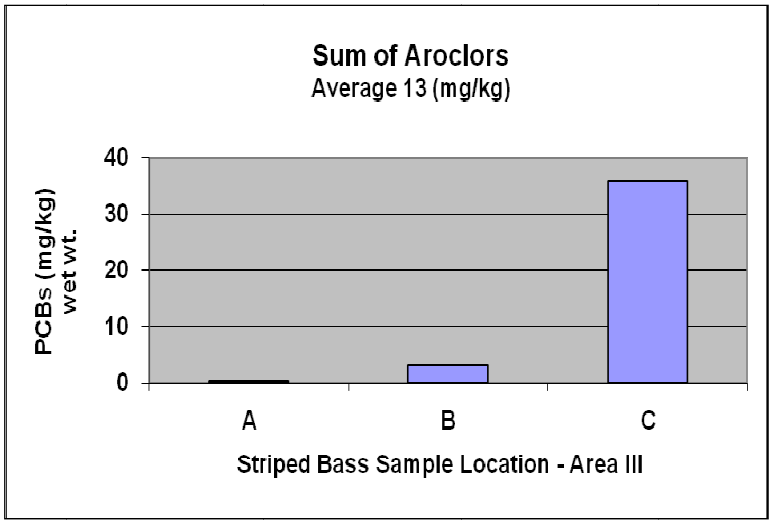
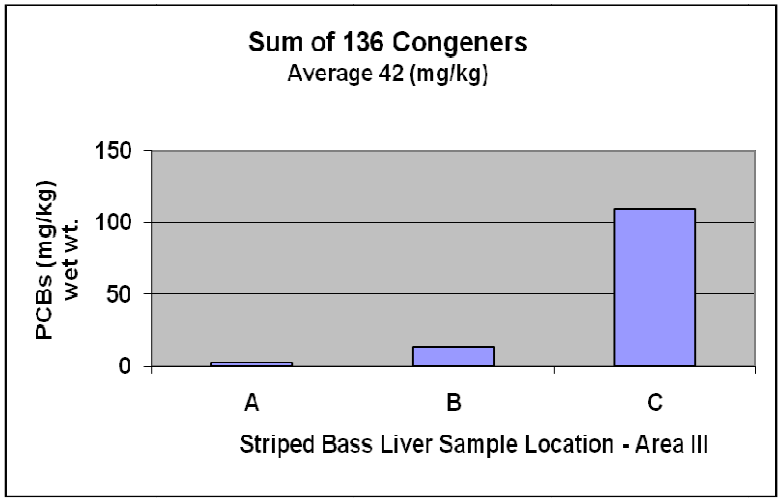


Figure 11 PCBs Concentrations in Black Sea Bass 2010







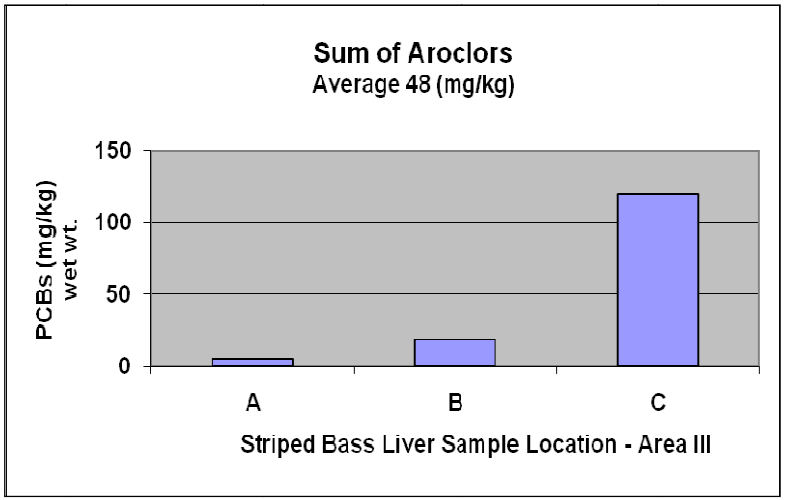
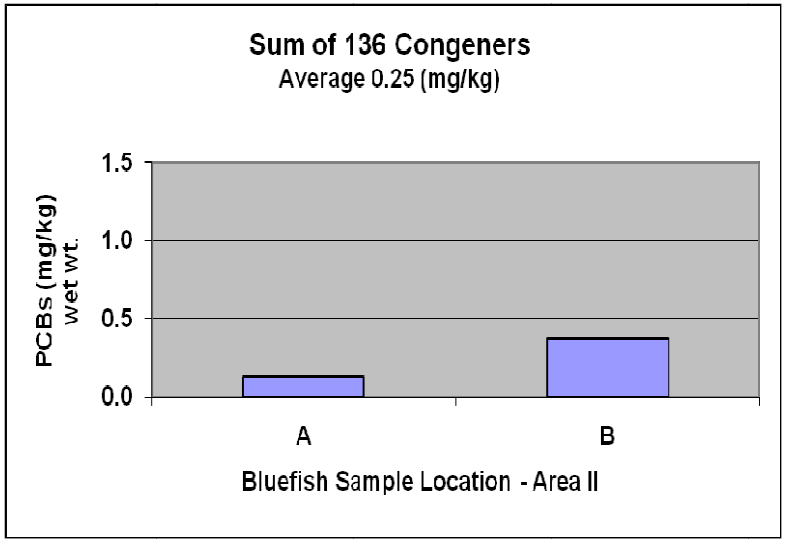
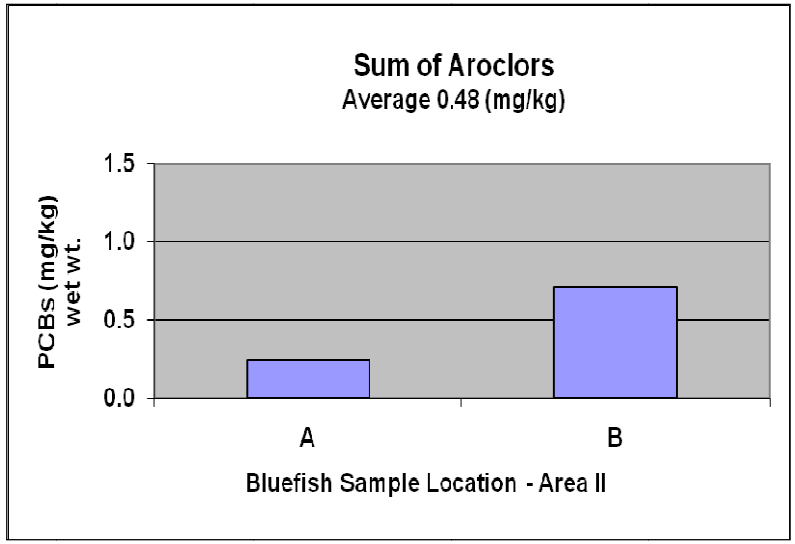
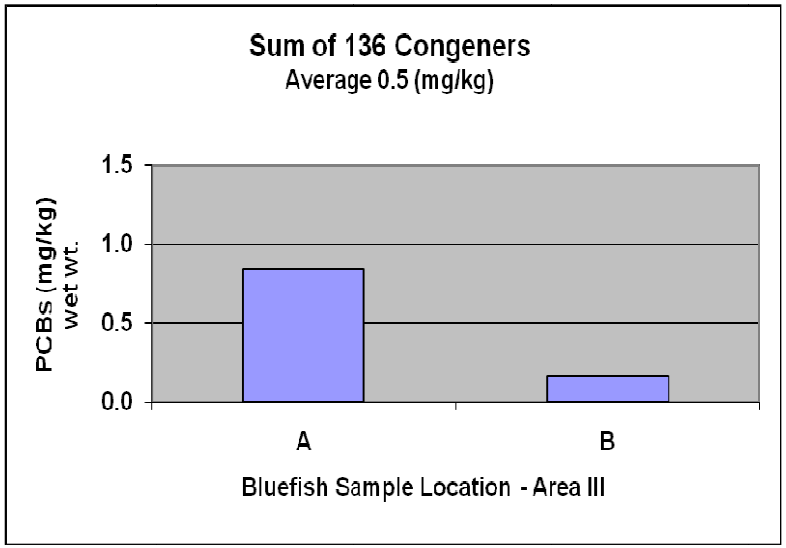


Figure 12 PCBs Concentrations in Striped Bass 2010







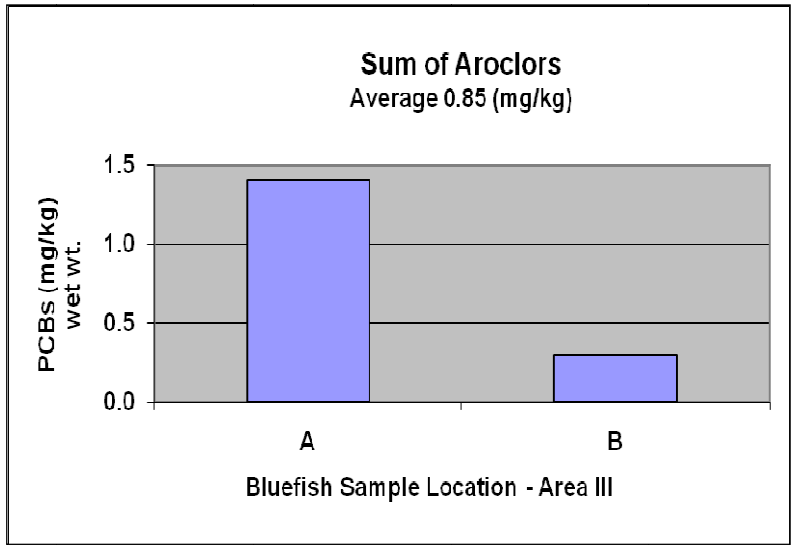
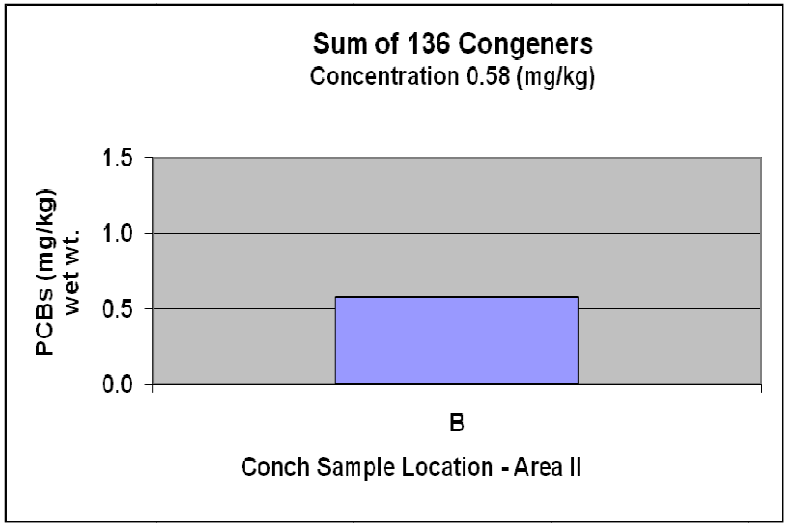
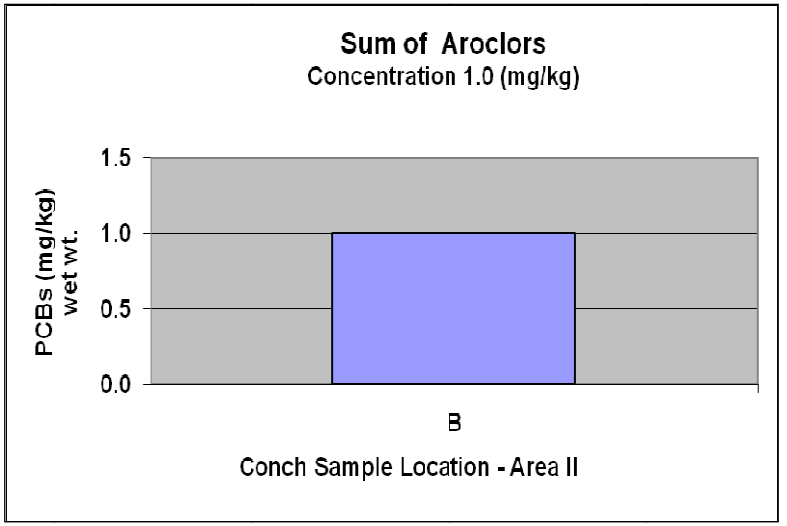
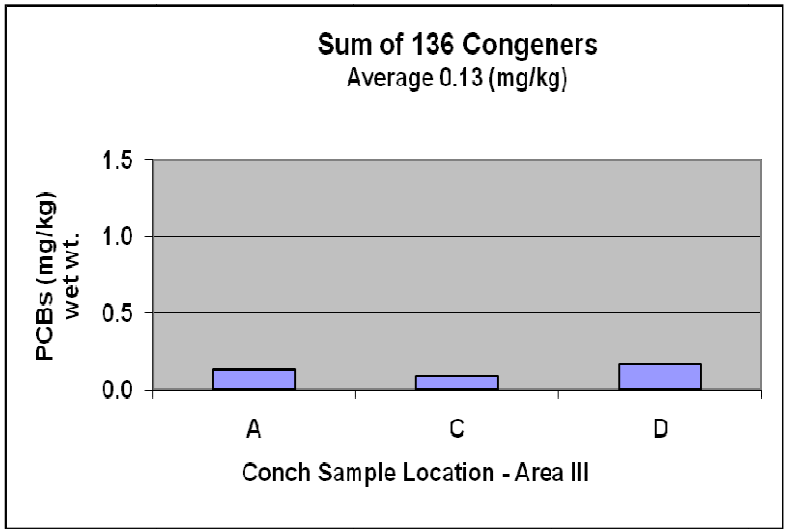


Figure 13 PCBs Concentrations in Bluefish 2010







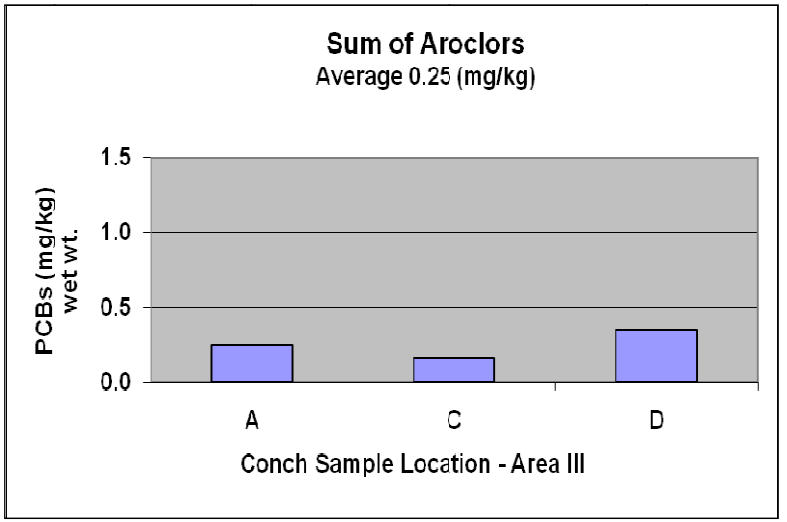


Figure 14 PCBs Concentrations in Conch (Channeled & Knobbed Whelks) 2010

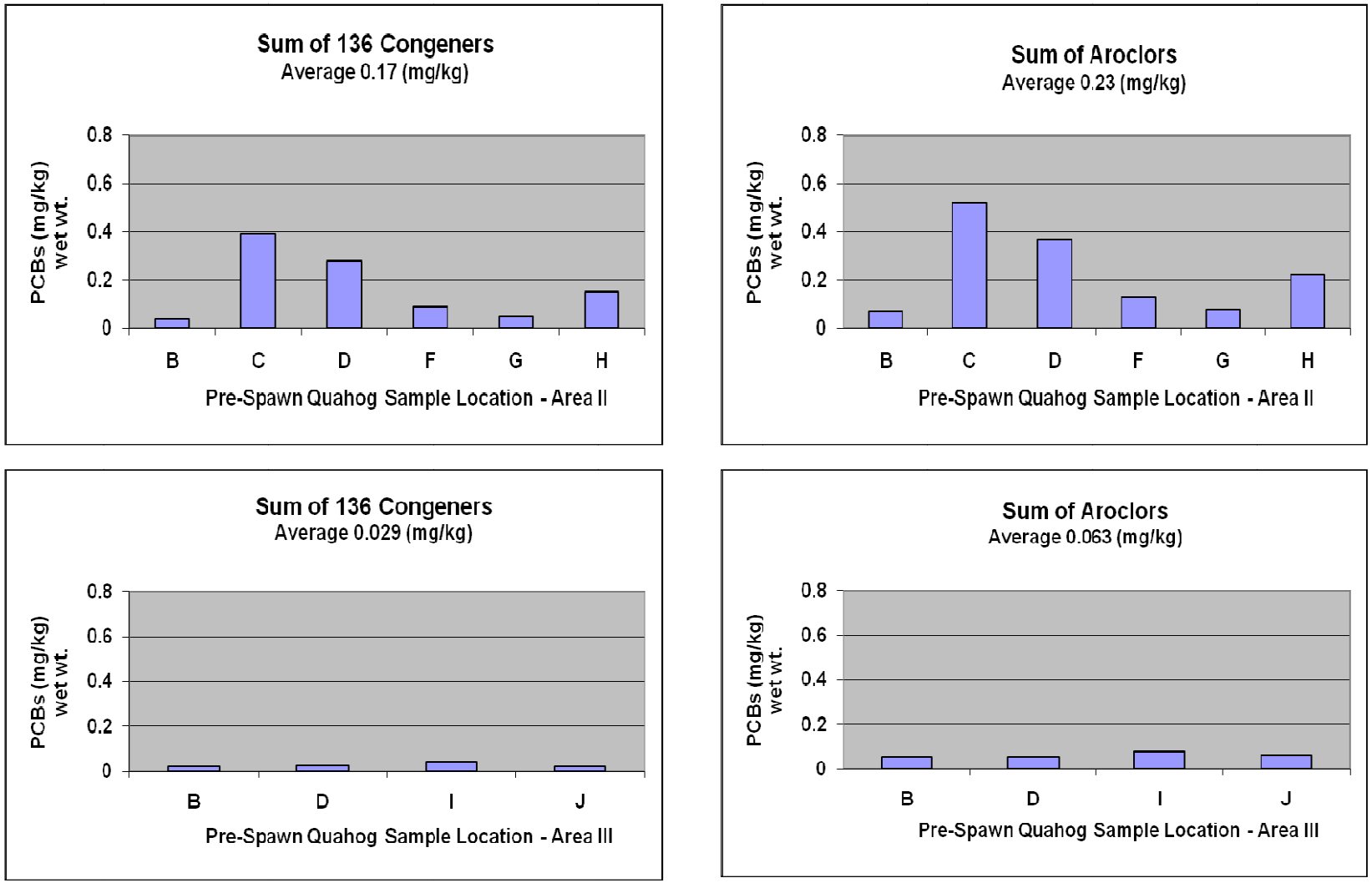
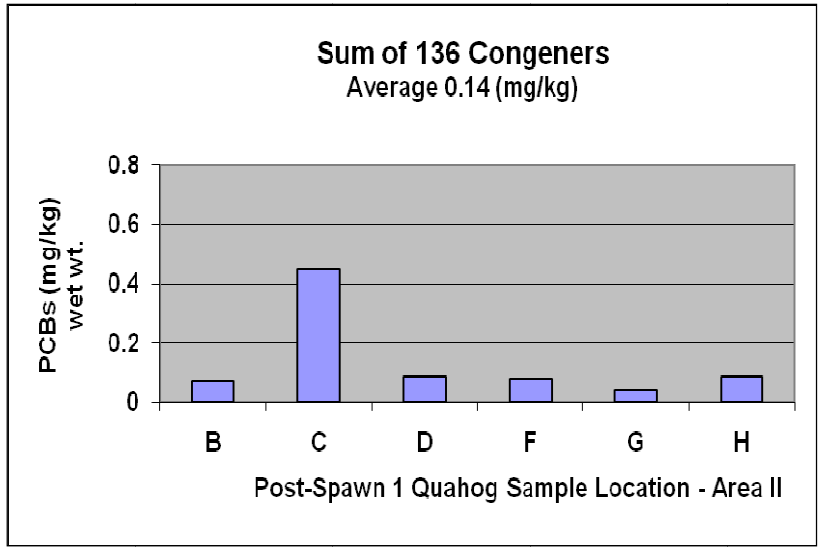
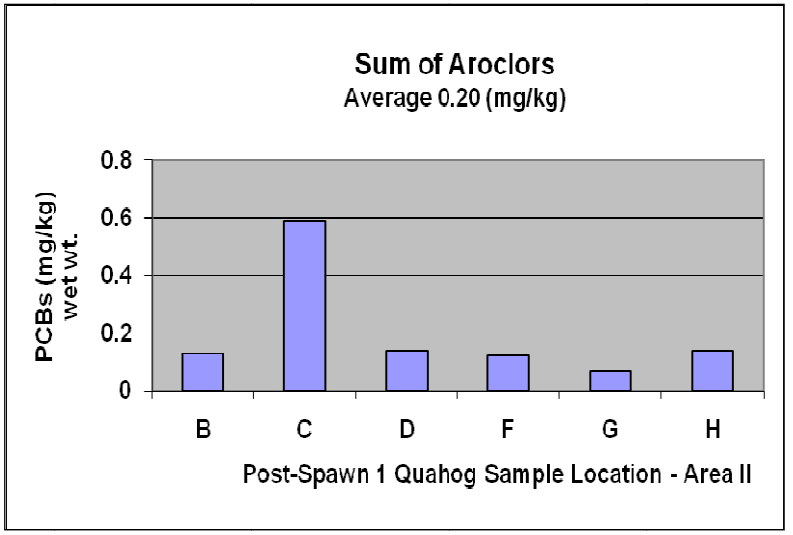
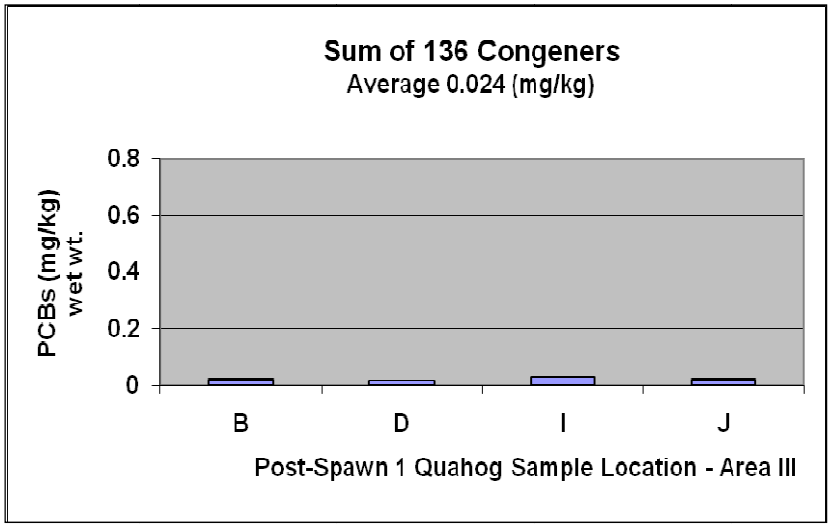


Figure 15 PCBs Concentrations in Quahog (Pre-Spawn) 2010







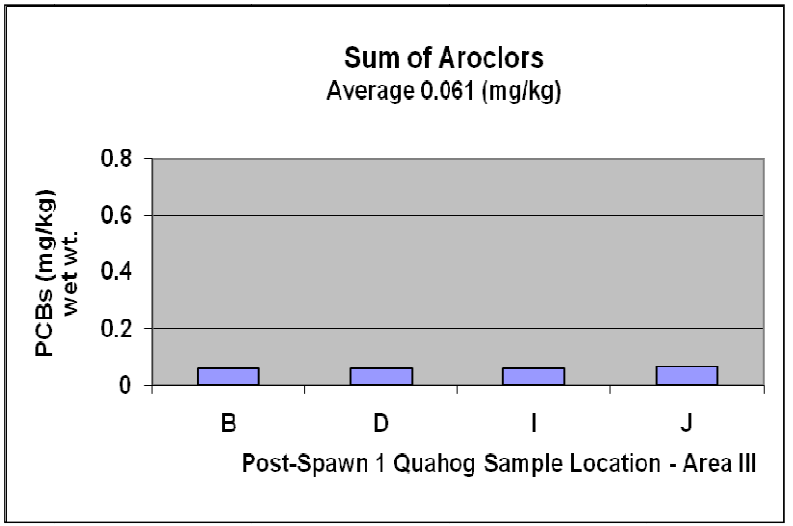


Figure 16 PCBs Concentrations in Quahog (Post-Spawn 1) 2010

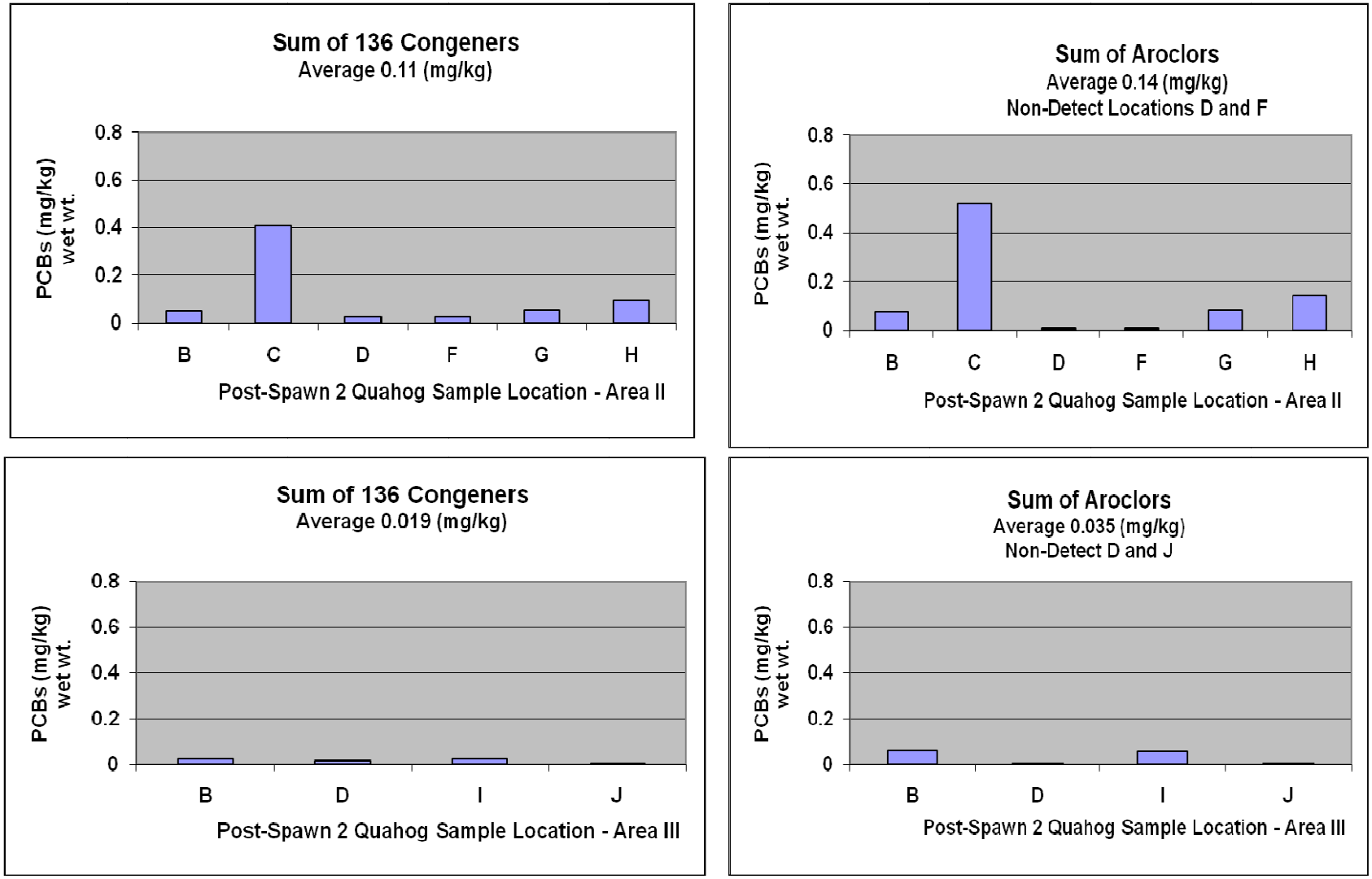


Figure 17 PCBs Concentrations in Quahog (Post-Spawn 2) 2010

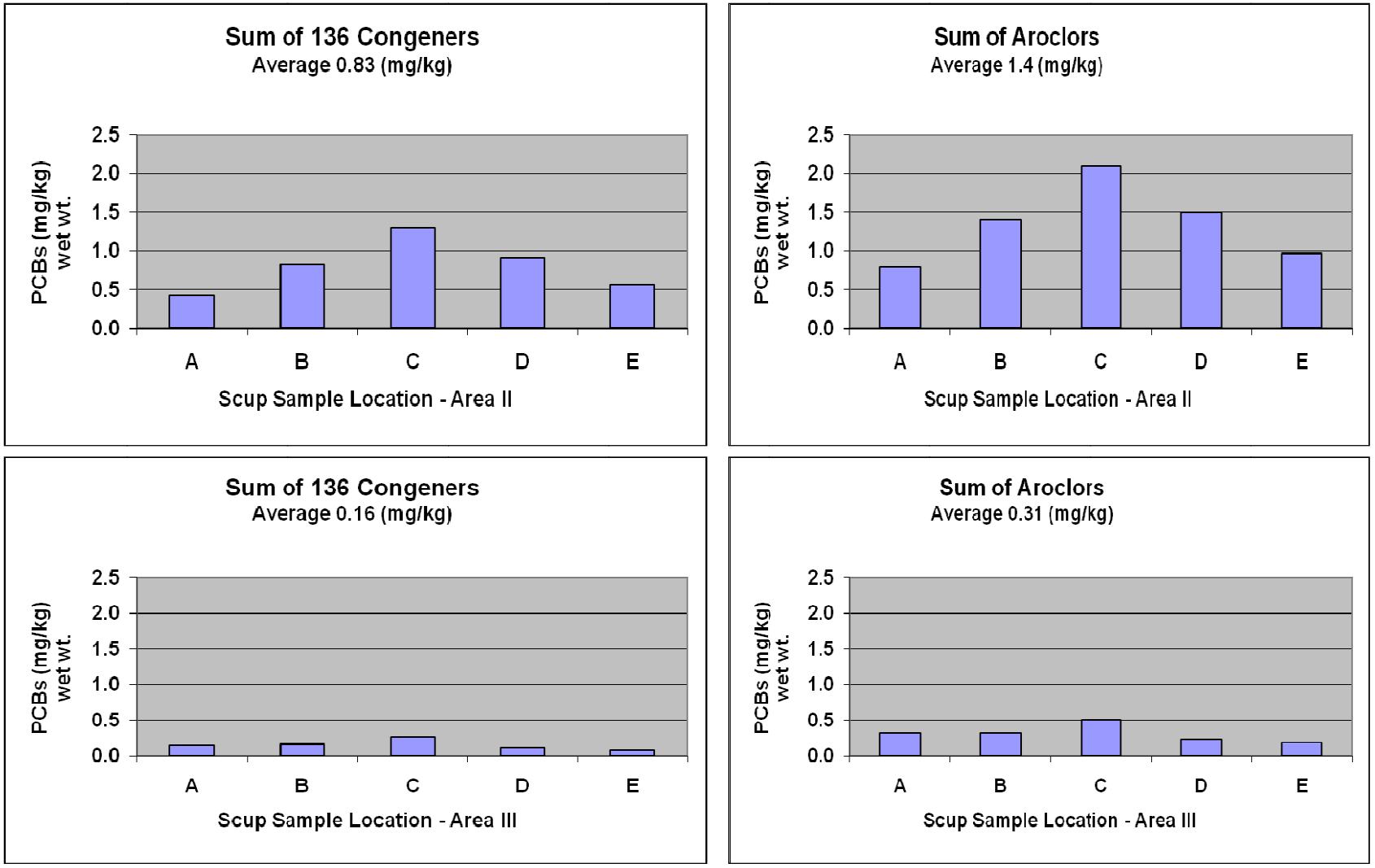


Figure 18 PCBs Concentrations in Scup 2010

TABLES

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 represets 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 3 Summary of Sample Data for Striped 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 3 Station	Sample Type														
A	Fillet	1.3		0.25	J3	0.24		0.12	J4	0.029	J3	0.13	J3	0.44	J3
B	Fillet	1.4		2.5	J4	2.5		1.0	J4	0.067	J4	1.0	J4	3.2	J4
C	Fillet	1.9		30	J4	30		13	J4	0.66	J4	13	J4	36	J4
Average		1.5		11		11		4.7	J4	0.25		4.7		13	
A	Liver	11		3.1	J4	3.1		1.7	J4	0.38	J4	1.7	J4	5.8	J4
B	Liver	5.5		13	J4	13		5.9	J4	0.36	J4	5.9	J4	19	J4
C	Liver	9.8		110	J4	110		45	J4	2.5	J4	45	J4	120	J4
Average		8.8		42	J4	42		18	J4	1.1	J4	18	J4	48	J4
A	Skin/Scales	0.15		0.049	J2	0.026		0.016	J3	0.0050	J2	0.019	J2	0.067	J2
B	Skin/Scales	0.11		0.17	J3	0.15		0.066	J3	0.0052	J2	0.068	J3	0.22	J3
C	Skin/Scales	0.10	U	1.5	J4	1.5		0.64	J4	0.029	J3	0.64	J4	1.6	J4
Average		0.12		0.57		0.56		0.24		0.013		0.24		0.63	
	Length (cm)	Length (feet)		Mass (g)	Weight (lbs)										
A	72.4	28.5’’		3278	7										
B	78.4	30 7/8”		4767	10.5										
C	88.9	35 “		6583	14.5										

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	J2	0.0043		0.017	J2	0.061	J2

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	J1	0.015		0.035	

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

		Lipids					Total PCB Congeners[1] (mg/kg)					Total PCB Congeners Hits[2] (mg/kg)				
Area	Station	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

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 represets 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

Parameter	Sample# / Species / Area / Station / Sample Date / Units		
		NBH10-FF-C-1 Alewife I Station A 3/31/2010	
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
Cl1-BZ#1	MG/KG	0.00047	U
Cl1-BZ#3	MG/KG	0.00047	U
Cl2-BZ#4/#10	MG/KG	0.0016	
Cl2-BZ#5/#8	MG/KG	0.0023	
Cl2-BZ#6	MG/KG	0.0026	
Cl2-BZ#7	MG/KG	0.00027	J
Cl2-BZ#12/#13	MG/KG	0.00057	J
Cl2-BZ#15	MG/KG	0.00076	J
Cl3-BZ#16/#32	MG/KG	0.0036	
Cl3-BZ#17	MG/KG	0.0027	
Cl3-BZ#18	MG/KG	0.0066	J
Cl3-BZ#19	MG/KG	0.00096	
Cl3-BZ#21/#33	MG/KG	0.00072	J
Cl3-BZ#22	MG/KG	0.00084	
Cl3-BZ#24/#27	MG/KG	0.0015	
Cl3-BZ#25	MG/KG	0.0052	
Cl3-BZ#26	MG/KG	0.0091	
Cl3-BZ#28/#31	MG/KG	0.017	
Cl3-BZ#29	MG/KG	0.00047	U
Cl3-BZ#37	MG/KG	0.00029	J
Cl4-BZ#40	MG/KG	0.00052	
Cl4-BZ#41/#71	MG/KG	0.0020	
Cl4-BZ#42	MG/KG	0.0010	
Cl4-BZ#43/#49	MG/KG	0.011	
Cl4-BZ#44	MG/KG	0.0030	
Cl4-BZ#45	MG/KG	0.00042	J
Cl4-BZ#46	MG/KG	0.00046	J
Cl4-BZ#47/#48	MG/KG	0.0042	
Cl4-BZ#50	MG/KG	0.00047	U
Cl4-BZ#51	MG/KG	0.00080	
Cl4-BZ#52	MG/KG	0.013	
Cl4-BZ#53	MG/KG	0.0020	
Cl4-BZ#54	MG/KG	0.00047	U
Cl4-BZ#56/#60	MG/KG	0.00078	J
Cl4-BZ#63	MG/KG	0.00047	U
Cl4-BZ#64	MG/KG	0.0016	
Cl4-BZ#66	MG/KG	0.0021	
Cl4-BZ#70	MG/KG	0.0018	
Cl4-BZ#74	MG/KG	0.0015	
Cl4-BZ#76	MG/KG	0.00047	U
Cl4-BZ#77	MG/KG	0.00047	U
Cl4-BZ#81	MG/KG	0.00047	U

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

	Sample#	NBH10-FF-C-1	
	Species	Alewife	
	Area	I	
	Station	Station A	
	Sample Date	3/31/2010	
Parameter	Units		
Cl5-BZ#82	MG/KG	0.00047	U
Cl5-BZ#83	MG/KG	0.00035	J
Cl5-BZ#85	MG/KG	0.00047	U
Cl5-BZ#87	MG/KG	0.0016	
Cl5-BZ#89	MG/KG	0.00047	U
Cl5-BZ#91	MG/KG	0.0013	
Cl5-BZ#92	MG/KG	0.0015	
Cl5-BZ#95	MG/KG	0.0032	
Cl5-BZ#97	MG/KG	0.0014	
Cl5-BZ#99	MG/KG	0.0054	
Cl5-BZ#100	MG/KG	0.00047	U
Cl5-BZ#101/#84	MG/KG	0.0075	
Cl5-BZ#104	MG/KG	0.00047	U
Cl5-BZ#105	MG/KG	0.0012	
Cl5-BZ#107	MG/KG	0.00058	
Cl5-BZ#110	MG/KG	0.0037	
Cl5-BZ#114	MG/KG	0.00047	U
Cl5-BZ#118	MG/KG	0.0054	
Cl5-BZ#119	MG/KG	0.00066	
Cl5-BZ#123	MG/KG	0.00047	U
Cl5-BZ#124	MG/KG	0.00047	U
Cl5-BZ#126	MG/KG	0.00047	U
Cl6-BZ#129	MG/KG	0.00047	U
Cl6-BZ#130	MG/KG	0.00046	J
Cl6-BZ#131	MG/KG	0.00047	U
Cl6-BZ#132/#168	MG/KG	0.00067	J
Cl6-BZ#134	MG/KG	0.00056	
Cl6-BZ#135/#144	MG/KG	0.00077	J
Cl6-BZ#136	MG/KG	0.00036	J
Cl6-BZ#137	MG/KG	0.00047	U
Cl6-BZ#138/#163	MG/KG	0.0064	
Cl6-BZ#141	MG/KG	0.00047	J
Cl6-BZ#146	MG/KG	0.0020	
Cl6-BZ#147	MG/KG	0.00032	J
Cl6-BZ#149	MG/KG	0.0039	
Cl6-BZ#151	MG/KG	0.0011	
Cl6-BZ#153	MG/KG	0.0091	
Cl6-BZ#154	MG/KG	0.00036	J
Cl6-BZ#155	MG/KG	0.00047	U
Cl6-BZ#156	MG/KG	0.00040	J
Cl6-BZ#157	MG/KG	0.00047	U
Cl6-BZ#158	MG/KG	0.00052	
Cl6-BZ#167/#128	MG/KG	0.0012	
Cl6-BZ#169	MG/KG	0.00047	U
Cl7-BZ#170/#190	MG/KG	0.00071	J
Cl7-BZ#171	MG/KG	0.00047	U
Cl7-BZ#172	MG/KG	0.00047	U
Cl7-BZ#173	MG/KG	0.00047	U
Cl7-BZ#174	MG/KG	0.00051	
Cl7-BZ#175	MG/KG	0.00047	U
Cl7-BZ#176	MG/KG	0.00047	U
Cl7-BZ#177	MG/KG	0.00077	

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

	Sample#	NBH10-FF-C-1	
	Species	Alewife	
	Area	I	
	Station	Station A	
	Sample Date	3/31/2010	
Parameter	**Units**		
Cl7-BZ#178	MG/KG	0.00051	
Cl7-BZ#180	MG/KG	0.0015	
Cl7-BZ#182/#187	MG/KG	0.0024	
Cl7-BZ#183	MG/KG	0.00073	
Cl7-BZ#184	MG/KG	0.00047	U
Cl7-BZ#185	MG/KG	0.00047	U
Cl7-BZ#188	MG/KG	0.00047	U
Cl7-BZ#189	MG/KG	0.00047	U
Cl7-BZ#191	MG/KG	0.00047	U
Cl7-BZ#193	MG/KG	0.00047	U
Cl8-BZ#194	MG/KG	0.00033	J
Cl8-BZ#195	MG/KG	0.00047	U
Cl8-BZ#196/203	MG/KG	0.00056	J
Cl8-BZ#197	MG/KG	0.00047	U
Cl8-BZ#199	MG/KG	0.00047	U
Cl8-BZ#200	MG/KG	0.00047	U
Cl8-BZ#201	MG/KG	0.00056	
Cl8-BZ#202	MG/KG	0.00030	J
Cl8-BZ#205	MG/KG	0.00047	U
Cl9-BZ#206	MG/KG	0.00030	J
Cl9-BZ#207	MG/KG	0.00047	U
Cl9-BZ#208	MG/KG	0.00047	U
Cl10-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
Cl1-BZ#1		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl1-BZ#3		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl2-BZ#4/#10		MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl2-BZ#5/#8		MG/KG	0.00091	UJ	0.00047	J	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl2-BZ#6		MG/KG	0.00045	UJ	0.00042	J	0.00024	J	0.00045	UJ	0.00046	UJ
Cl2-BZ#7		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl2-BZ#12/#13		MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl2-BZ#15		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#16/#32		MG/KG	0.00091	UJ	0.00087	J	0.00070	J	0.00090	UJ	0.00093	UJ
Cl3-BZ#17		MG/KG	0.00026	J	0.00073	J	0.00051	J	0.00027	J	0.00046	UJ
Cl3-BZ#18		MG/KG	0.00038	J	0.0014	J	0.0011	J	0.00041	J	0.00030	J
Cl3-BZ#19		MG/KG	0.00045	UJ	0.00023	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#21/#33		MG/KG	0.00091	UJ	0.00047	J	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl3-BZ#22		MG/KG	0.00045	UJ	0.00035	J	0.00031	J	0.00045	UJ	0.00046	UJ
Cl3-BZ#24/#27		MG/KG	0.00091	UJ	0.00087	UJ	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl3-BZ#25		MG/KG	0.00028	J	0.0010	J	0.00089	J	0.00042	J	0.00029	J
Cl3-BZ#26		MG/KG	0.0010	J	0.0024	J	0.0023	J	0.0010	J	0.00058	J
Cl3-BZ#28/#31		MG/KG	0.0059	J	0.0044	J	0.0040	J	0.0017	J	0.0012	J
Cl3-BZ#29		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#37		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#40		MG/KG	0.00045	UJ	0.00057	J	0.00042	J	0.00031	J	0.00046	UJ
Cl4-BZ#41/#71		MG/KG	0.0032	J	0.0017	J	0.0012	J	0.00060	J	0.00093	UJ
Cl4-BZ#42		MG/KG	0.00093	J	0.00089	J	0.00048	J	0.00023	J	0.00046	UJ
Cl4-BZ#43/#49		MG/KG	0.012	J	0.0061	J	0.0044	J	0.0020	J	0.0010	J
Cl4-BZ#44		MG/KG	0.0038	J	0.0028	J	0.0019	J	0.0011	J	0.00056	J
Cl4-BZ#45		MG/KG	0.00045	UJ	0.00027	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#46		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#47/#48		MG/KG	0.0076	J	0.0028	J	0.0021	J	0.00096	J	0.00056	J
Cl4-BZ#50		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#51		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#52		MG/KG	0.021	J	0.0091	J	0.0065	J	0.0035	J	0.0015	J
Cl4-BZ#53		MG/KG	0.00045	UJ	0.00040	J	0.00027	J	0.00045	UJ	0.00046	UJ
Cl4-BZ#54		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#56/#60		MG/KG	0.0018	J	0.00081	J	0.00064	J	0.00090	UJ	0.00093	UJ
Cl4-BZ#63		MG/KG	0.00083	J	0.00027	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#64		MG/KG	0.00045	UJ	0.00053	J	0.00051	J	0.00045	UJ	0.00046	UJ
Cl4-BZ#66		MG/KG	0.0076	J	0.0032	J	0.0022	J	0.00097	J	0.00077	J
Cl4-BZ#70		MG/KG	0.00026	J	0.0010	J	0.00073	J	0.00048	J	0.00046	J
Cl4-BZ#74		MG/KG	0.0075	J	0.0020	J	0.0017	J	0.00071	J	0.00059	J
Cl4-BZ#76		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#77		MG/KG	0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl4-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2-Bass		NBH10-FF-C-2		NBH10-FF-D-2-Bass		NBH10-FF-E-2-Bass	
		Species	Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/11/2010		6/9/2010		6/9/2010		6/7/2010		6/7/2010	
Cl5-BZ#82	MG/KG		0.00057	J	0.00041	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#83	MG/KG		0.00061	J	0.00066	J	0.00037	J	0.00045	UJ	0.00046	UJ
Cl5-BZ#85	MG/KG		0.0022	J	0.0010	J	0.00071	J	0.00040	J	0.00026	J
Cl5-BZ#87	MG/KG		0.0042	J	0.0023	J	0.0014	J	0.00089	J	0.00047	J
Cl5-BZ#89	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#91	MG/KG		0.0018	J	0.0012	J	0.00088	J	0.00041	J	0.00046	UJ
Cl5-BZ#92	MG/KG		0.0069	J	0.0027	J	0.0017	J	0.0010	J	0.00072	J
Cl5-BZ#95	MG/KG		0.0058	J	0.0042	J	0.0024	J	0.0014	J	0.00075	J
Cl5-BZ#97	MG/KG		0.0016	J	0.0017	J	0.0010	J	0.00051	J	0.00030	J
Cl5-BZ#99	MG/KG		0.012	J	0.0050	J	0.0038	J	0.0018	J	0.0017	J
Cl5-BZ#100	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#101/#84	MG/KG		0.019	J	0.012	J	0.0064	J	0.0034	J	0.0021	J
Cl5-BZ#104	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#105	MG/KG		0.0075	J	0.0026	J	0.0016	J	0.00095	J	0.00065	J
Cl5-BZ#107	MG/KG		0.0032	J	0.0016	J	0.00091	J	0.00056	J	0.00039	J
Cl5-BZ#110	MG/KG		0.0073	J	0.0052	J	0.0034	J	0.0018	J	0.0011	J
Cl5-BZ#114	MG/KG		0.00049	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#118	MG/KG		0.043	J	0.014	J	0.0080	J	0.0043	J	0.0031	J
Cl5-BZ#119	MG/KG		0.0018	J	0.00063	J	0.00052	J	0.00045	UJ	0.00046	UJ
Cl5-BZ#123	MG/KG		0.00076	J	0.00034	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#124	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#126	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#129	MG/KG		0.00027	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#130	MG/KG		0.00094	J	0.00073	J	0.00046	J	0.00027	J	0.00027	J
Cl6-BZ#131	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#132/#168	MG/KG		0.0013	J	0.0011	J	0.00059	J	0.00045	J	0.00093	UJ
Cl6-BZ#134	MG/KG		0.0018	J	0.0010	J	0.00059	J	0.00031	J	0.00032	J
Cl6-BZ#135/#144	MG/KG		0.0016	J	0.0011	J	0.00066	J	0.00090	UJ	0.00093	UJ
Cl6-BZ#136	MG/KG		0.00061	J	0.00041	J	0.00027	J	0.00045	UJ	0.00046	UJ
Cl6-BZ#137	MG/KG		0.0016	J	0.00046	J	0.00037	J	0.00045	UJ	0.00046	UJ
Cl6-BZ#138/#163	MG/KG		0.029	J	0.014	J	0.0074	J	0.0040	J	0.0035	J
Cl6-BZ#141	MG/KG		0.0014	J	0.00059	J	0.00039	J	0.00024	J	0.00046	UJ
Cl6-BZ#146	MG/KG		0.0064	J	0.0045	J	0.0024	J	0.0012	J	0.0012	J
Cl6-BZ#147	MG/KG		0.00085	J	0.00049	J	0.00044	J	0.00045	UJ	0.00046	UJ
Cl6-BZ#149	MG/KG		0.0071	J	0.0053	J	0.0033	J	0.0017	J	0.0012	J
Cl6-BZ#151	MG/KG		0.0033	J	0.0014	J	0.00086	J	0.00053	J	0.00044	J
Cl6-BZ#153	MG/KG		0.056	J	0.023	J	0.013	J	0.0062	J	0.0053	J
Cl6-BZ#154	MG/KG		0.00031	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#155	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#156	MG/KG		0.0032	J	0.0011	J	0.00061	J	0.00037	J	0.00030	J
Cl6-BZ#157	MG/KG		0.00076	J	0.00032	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#158	MG/KG		0.0026	J	0.00095	J	0.00062	J	0.00036	J	0.00034	J
Cl6-BZ#167/#128	MG/KG		0.0074	J	0.0029	J	0.0018	J	0.00092	J	0.00083	J
Cl6-BZ#169	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#170/#190	MG/KG		0.0029	J	0.0013	J	0.00081	J	0.00090	UJ	0.00093	UJ
Cl7-BZ#171	MG/KG		0.00070	J	0.00029	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#172	MG/KG		0.00052	J	0.00032	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#173	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#174	MG/KG		0.00056	J	0.00049	J	0.00031	J	0.00045	UJ	0.00046	UJ
Cl7-BZ#175	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#176	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2-Bass		NBH10-FF-C-2		NBH10-FF-D-2-Bass		NBH10-FF-E-2-Bass	
		Species	Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass		Black Sea Bass	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/11/2010		6/9/2010		6/9/2010		6/7/2010		6/7/2010	
Cl7-BZ#178	MG/KG		0.0011	J	0.00093	J	0.00047	J	0.00029	J	0.00024	J
Cl7-BZ#180	MG/KG		0.0056	J	0.0027	J	0.0016	J	0.00072	J	0.00070	J
Cl7-BZ#182/#187	MG/KG		0.0034	J	0.0040	J	0.0019	J	0.0010	J	0.0011	J
Cl7-BZ#183	MG/KG		0.0018	J	0.0012	J	0.00069	J	0.00034	J	0.00042	J
Cl7-BZ#184	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#185	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#188	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#189	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#191	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#193	MG/KG		0.00040	J	0.00023	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#194	MG/KG		0.00071	J	0.00054	J	0.00026	J	0.00045	UJ	0.00046	UJ
Cl8-BZ#195	MG/KG		0.00030	J	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#196/203	MG/KG		0.00088	J	0.00061	J	0.00094	UJ	0.00090	UJ	0.00093	UJ
Cl8-BZ#197	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#199	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#200	MG/KG		0.00045	UJ	0.00024	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#201	MG/KG		0.00072	J	0.00083	J	0.00038	J	0.00045	UJ	0.00046	UJ
Cl8-BZ#202	MG/KG		0.00045	J	0.00054	J	0.00029	J	0.00045	UJ	0.00046	UJ
Cl8-BZ#205	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl9-BZ#206	MG/KG		0.00026	J	0.00044	J	0.00026	J	0.00045	UJ	0.00037	J
Cl9-BZ#207	MG/KG		0.00045	UJ	0.00044	UJ	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl9-BZ#208	MG/KG		0.00023	J	0.00029	J	0.00047	UJ	0.00045	UJ	0.00046	UJ
Cl10-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

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	
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
Cl1-BZ#1	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl1-BZ#3	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl2-BZ#4/#10	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl2-BZ#5/#8	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl2-BZ#6	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl2-BZ#7	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl2-BZ#12/#13	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl2-BZ#15	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#16/#32	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl3-BZ#17	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#18	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#19	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#21/#33	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl3-BZ#22	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#24/#27	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00092	UJ
Cl3-BZ#25	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#26	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00043	J
Cl3-BZ#28/#31	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00048	J	0.0018	J
Cl3-BZ#29	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl3-BZ#37	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#40	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#41/#71	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.0018	J
Cl4-BZ#42	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00047	J
Cl4-BZ#43/#49	MG/KG	0.00075	J	0.00053	J	0.00095	UJ	0.00096	J	0.0054	J
Cl4-BZ#44	MG/KG	0.00036	J	0.00047	UJ	0.00048	UJ	0.00037	J	0.0024	J
Cl4-BZ#45	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#46	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#47/#48	MG/KG	0.00055	J	0.00093	UJ	0.00095	UJ	0.00056	J	0.0036	J
Cl4-BZ#50	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#51	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#52	MG/KG	0.0015	J	0.00074	J	0.00077	J	0.0015	J	0.0099	J
Cl4-BZ#53	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#54	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#56/#60	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00091	J
Cl4-BZ#63	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00045	J
Cl4-BZ#64	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#66	MG/KG	0.00079	J	0.00057	J	0.00045	J	0.00085	J	0.0052	J
Cl4-BZ#70	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#74	MG/KG	0.00058	J	0.00028	J	0.00030	J	0.00059	J	0.0035	J
Cl4-BZ#76	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-BZ#77	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl4-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	
Cl5-BZ#82		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00041	J
Cl5-BZ#83		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00083	J
Cl5-BZ#85		MG/KG	0.00026	J	0.00025	J	0.00048	UJ	0.00036	J	0.0020	J
Cl5-BZ#87		MG/KG	0.00072	J	0.00038	J	0.00029	J	0.00067	J	0.0037	J
Cl5-BZ#89		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#91		MG/KG	0.00025	J	0.00047	UJ	0.00048	UJ	0.00032	J	0.0014	J
Cl5-BZ#92		MG/KG	0.00087	J	0.00047	J	0.00058	J	0.00090	J	0.0050	J
Cl5-BZ#95		MG/KG	0.00083	J	0.00046	J	0.00041	J	0.00074	J	0.0039	J
Cl5-BZ#97		MG/KG	0.00026	J	0.00047	UJ	0.00025	J	0.00048	J	0.0011	J
Cl5-BZ#99		MG/KG	0.0012	J	0.00086	J	0.00051	J	0.0020	J	0.0032	J
Cl5-BZ#100		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#101/#84		MG/KG	0.0038	J	0.0020	J	0.0019	J	0.0037	J	0.020	J
Cl5-BZ#104		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#105		MG/KG	0.0010	J	0.00059	J	0.00058	J	0.0011	J	0.0056	J
Cl5-BZ#107		MG/KG	0.00073	J	0.00040	J	0.00036	J	0.00073	J	0.0032	J
Cl5-BZ#110		MG/KG	0.00096	J	0.00063	J	0.00064	J	0.0012	J	0.0083	J
Cl5-BZ#114		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00026	J
Cl5-BZ#118		MG/KG	0.0058	J	0.0028	J	0.0032	J	0.0059	J	0.033	J
Cl5-BZ#119		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00026	J	0.0014	J
Cl5-BZ#123		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00062	J
Cl5-BZ#124		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl5-BZ#126		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#129		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00028	J
Cl6-BZ#130		MG/KG	0.00032	J	0.00047	UJ	0.00048	UJ	0.00037	J	0.0015	J
Cl6-BZ#131		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#132/#168		MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.0014	J
Cl6-BZ#134		MG/KG	0.00037	J	0.00029	J	0.00048	UJ	0.00043	J	0.0018	J
Cl6-BZ#135/#144		MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.0017	J
Cl6-BZ#136		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00036	J
Cl6-BZ#137		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.0013	J
Cl6-BZ#138/#163		MG/KG	0.0059	J	0.0034	J	0.0031	J	0.0068	J	0.029	J
Cl6-BZ#141		MG/KG	0.00031	J	0.00047	UJ	0.00048	UJ	0.00023	J	0.0012	J
Cl6-BZ#146		MG/KG	0.0021	J	0.0012	J	0.0012	J	0.0021	J	0.010	J
Cl6-BZ#147		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.0011	J
Cl6-BZ#149		MG/KG	0.0019	J	0.0012	J	0.0011	J	0.0020	J	0.0088	J
Cl6-BZ#151		MG/KG	0.00066	J	0.00031	J	0.00033	J	0.00052	J	0.0029	J
Cl6-BZ#153		MG/KG	0.011	J	0.0064	J	0.0060	J	0.012	J	0.059	J
Cl6-BZ#154		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#155		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl6-BZ#156		MG/KG	0.00050	J	0.00026	J	0.00029	J	0.00051	J	0.0030	J
Cl6-BZ#157		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00079	J
Cl6-BZ#158		MG/KG	0.00039	J	0.00047	UJ	0.00026	J	0.00041	J	0.0024	J
Cl6-BZ#167/#128		MG/KG	0.0013	J	0.00077	J	0.00079	J	0.0014	J	0.0075	J
Cl6-BZ#169		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#170/#190		MG/KG	0.00072	J	0.00047	J	0.00095	UJ	0.00069	J	0.0030	J
Cl7-BZ#171		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00044	J
Cl7-BZ#172		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00060	J
Cl7-BZ#173		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#174		MG/KG	0.00025	J	0.00047	UJ	0.00048	UJ	0.00024	J	0.00066	J
Cl7-BZ#175		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#176		MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-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	
Cl7-BZ#178	MG/KG	0.00033	J	0.00027	J	0.00028	J	0.00034	J	0.0012	J
Cl7-BZ#180	MG/KG	0.0013	J	0.00080	J	0.00074	J	0.0013	J	0.0058	J
Cl7-BZ#182/#187	MG/KG	0.0014	J	0.0012	J	0.00097	J	0.0017	J	0.0058	J
Cl7-BZ#183	MG/KG	0.00052	J	0.00040	J	0.00042	J	0.00058	J	0.0020	J
Cl7-BZ#184	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#185	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#188	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#189	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00023	J
Cl7-BZ#191	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl7-BZ#193	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00045	J
Cl8-BZ#194	MG/KG	0.00032	J	0.00047	UJ	0.00048	UJ	0.00033	J	0.00064	J
Cl8-BZ#195	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#196/203	MG/KG	0.00094	UJ	0.00093	UJ	0.00095	UJ	0.00090	UJ	0.00085	J
Cl8-BZ#197	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#199	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#200	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl8-BZ#201	MG/KG	0.00038	J	0.00029	J	0.00029	J	0.00038	J	0.00084	J
Cl8-BZ#202	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00048	J
Cl8-BZ#205	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl9-BZ#206	MG/KG	0.00029	J	0.00047	UJ	0.00048	UJ	0.00029	J	0.00054	J
Cl9-BZ#207	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00046	UJ
Cl9-BZ#208	MG/KG	0.00047	UJ	0.00047	UJ	0.00048	UJ	0.00045	UJ	0.00023	J
Cl10-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

	Sample#	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
	Species	Striped Bass		Striped Bass		Striped Bass	
	Type	Fillet		Fillet		Fillet	
	Area	IIII		III		III	
	Station	No Station		No Station		No Station	
	Sample Date	7/4/2010		7/4/2010		7/4/2010	
Parameter	Units						
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
Cl1-BZ#1	MG/KG	0.00046	UJ	0.00043	UJ	0.0017	J
Cl1-BZ#3	MG/KG	0.00046	UJ	0.00043	UJ	0.0006	J
Cl2-BZ#4/#10	MG/KG	0.00093	UJ	0.00086	UJ	0.079	J
Cl2-BZ#5/#8	MG/KG	0.00093	UJ	0.0053	J	0.23	J
Cl2-BZ#6	MG/KG	0.00046	UJ	0.0065	J	0.24	J
Cl2-BZ#7	MG/KG	0.00046	UJ	0.00043	J	0.019	J
Cl2-BZ#12/#13	MG/KG	0.00093	UJ	0.00086	UJ	0.012	J
Cl2-BZ#15	MG/KG	0.00046	UJ	0.0016	J	0.030	J
Cl3-BZ#16/#32	MG/KG	0.00093	UJ	0.045	J	0.45	J
Cl3-BZ#17	MG/KG	0.00024	J	0.042	J	0.58	J
Cl3-BZ#18	MG/KG	0.00044	J	0.078	J	1.2	J
Cl3-BZ#19	MG/KG	0.00046	UJ	0.0025	J	0.070	J
Cl3-BZ#21/#33	MG/KG	0.00093	UJ	0.0099	J	0.087	J
Cl3-BZ#22	MG/KG	0.00046	UJ	0.013	J	0.14	J
Cl3-BZ#24/#27	MG/KG	0.00093	UJ	0.014	J	0.15	J
Cl3-BZ#25	MG/KG	0.00043	J	0.077	J	1.1	J
Cl3-BZ#26	MG/KG	0.00098	J	0.15	J	2.1	J
Cl3-BZ#28/#31	MG/KG	0.0024	J	0.27	J	4.1	J
Cl3-BZ#29	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl3-BZ#37	MG/KG	0.00046	UJ	0.0012	J	0.016	J
Cl4-BZ#40	MG/KG	0.00041	J	0.0090	J	0.079	J
Cl4-BZ#41/#71	MG/KG	0.0015	J	0.051	J	0.42	J
Cl4-BZ#42	MG/KG	0.00089	J	0.026	J	0.23	J
Cl4-BZ#43/#49	MG/KG	0.0058	J	0.27	J	3.5	J
Cl4-BZ#44	MG/KG	0.0019	J	0.070	J	0.73	J
Cl4-BZ#45	MG/KG	0.00046	UJ	0.0077	J	0.056	J
Cl4-BZ#46	MG/KG	0.00046	UJ	0.00043	UJ	0.062	J
Cl4-BZ#47/#48	MG/KG	0.0034	J	0.086	J	1.2	J
Cl4-BZ#50	MG/KG	0.00046	UJ	0.00068	J	0.0050	J
Cl4-BZ#51	MG/KG	0.00046	UJ	0.017	J	0.14	J
Cl4-BZ#52	MG/KG	0.0062	J	0.29	J	3.7	J
Cl4-BZ#53	MG/KG	0.00028	J	0.032	J	0.27	J
Cl4-BZ#54	MG/KG	0.00046	UJ	0.00043	UJ	0.0027	J
Cl4-BZ#56/#60	MG/KG	0.0010	J	0.010	J	0.099	J
Cl4-BZ#63	MG/KG	0.00033	J	0.0025	J	0.027	J
Cl4-BZ#64	MG/KG	0.00076	J	0.043	J	0.46	J
Cl4-BZ#66	MG/KG	0.0042	J	0.027	J	0.28	J
Cl4-BZ#70	MG/KG	0.0020	J	0.019	J	0.20	J
Cl4-BZ#74	MG/KG	0.0023	J	0.022	J	0.26	J
Cl4-BZ#76	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl4-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

	Sample#	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
	Species	Striped Bass		Striped Bass		Striped Bass	
	Type	Fillet		Fillet		Fillet	
	Area	IIII		III		III	
	Station	No Station		No Station		No Station	
	Sample Date	7/4/2010		7/4/2010		7/4/2010	
Parameter	Units						
Cl4-BZ#81	MG/KG	0.00046	UJ	0.00044	J	0.0035	J
Cl5-BZ#82	MG/KG	0.00061	J	0.0020	J	0.015	J
Cl5-BZ#83	MG/KG	0.00062	J	0.0043	J	0.038	J
Cl5-BZ#85	MG/KG	0.0022	J	0.0038	J	0.032	J
Cl5-BZ#87	MG/KG	0.0031	J	0.013	J	0.10	J
Cl5-BZ#89	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl5-BZ#91	MG/KG	0.0019	J	0.038	J	0.32	J
Cl5-BZ#92	MG/KG	0.0033	J	0.020	J	0.20	J
Cl5-BZ#95	MG/KG	0.0042	J	0.062	J	0.71	J
Cl5-BZ#97	MG/KG	0.0040	J	0.022	J	0.19	J
Cl5-BZ#99	MG/KG	0.017	J	0.066	J	0.82	J
Cl5-BZ#100	MG/KG	0.00037	J	0.0040	J	0.039	J
Cl5-BZ#101/#84	MG/KG	0.019	J	0.097	J	1.1	J
Cl5-BZ#104	MG/KG	0.00046	UJ	0.00043	UJ	0.00077	J
Cl5-BZ#105	MG/KG	0.0031	J	0.0056	J	0.049	J
Cl5-BZ#107	MG/KG	0.0024	J	0.0044	J	0.037	J
Cl5-BZ#110	MG/KG	0.0072	J	0.070	J	0.74	J
Cl5-BZ#114	MG/KG	0.00046	UJ	0.00053	J	0.0057	J
Cl5-BZ#118	MG/KG	0.018	J	0.046	J	0.49	J
Cl5-BZ#119	MG/KG	0.0012	J	0.011	J	0.11	J
Cl5-BZ#123	MG/KG	0.00064	J	0.0027	J	0.025	J
Cl5-BZ#124	MG/KG	0.00029	J	0.0013	J	0.013	J
Cl5-BZ#126	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl6-BZ#129	MG/KG	0.00028	J	0.00085	J	0.0065	J
Cl6-BZ#130	MG/KG	0.0013	J	0.0020	J	0.014	J
Cl6-BZ#131	MG/KG	0.00046	UJ	0.00083	J	0.0066	J
Cl6-BZ#132/#168	MG/KG	0.0019	J	0.0036	J	0.027	J
Cl6-BZ#134	MG/KG	0.0012	J	0.0051	J	0.041	J
Cl6-BZ#135/#144	MG/KG	0.0014	J	0.0060	J	0.054	J
Cl6-BZ#136	MG/KG	0.00083	J	0.0076	J	0.061	J
Cl6-BZ#137	MG/KG	0.00069	J	0.0016	J	0.014	J
Cl6-BZ#138/#163	MG/KG	0.022	J	0.041	J	0.32	J
Cl6-BZ#141	MG/KG	0.00093	J	0.0022	J	0.018	J
Cl6-BZ#146	MG/KG	0.0061	J	0.012	J	0.090	J
Cl6-BZ#147	MG/KG	0.0010	J	0.0044	J	0.040	J
Cl6-BZ#149	MG/KG	0.010	J	0.049	J	0.55	J
Cl6-BZ#151	MG/KG	0.0026	J	0.0089	J	0.076	J
Cl6-BZ#153	MG/KG	0.031	J	0.066	J	0.59	J
Cl6-BZ#154	MG/KG	0.00087	J	0.0039	J	0.037	J
Cl6-BZ#155	MG/KG	0.00046	UJ	0.00043	UJ	0.00054	J
Cl6-BZ#156	MG/KG	0.0013	J	0.0028	J	0.023	J
Cl6-BZ#157	MG/KG	0.00034	J	0.00055	J	0.0034	J
Cl6-BZ#158	MG/KG	0.0014	J	0.0041	J	0.037	J
Cl6-BZ#167/#128	MG/KG	0.0043	J	0.0075	J	0.056	J
Cl6-BZ#169	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl7-BZ#170/#190	MG/KG	0.0017	J	0.0042	J	0.027	J
Cl7-BZ#171	MG/KG	0.00054	J	0.0013	J	0.0072	J
Cl7-BZ#172	MG/KG	0.00033	J	0.00077	J	0.0048	J
Cl7-BZ#173	MG/KG	0.00046	UJ	0.00043	UJ	0.00040	J
Cl7-BZ#174	MG/KG	0.00072	J	0.0015	J	0.011	J
Cl7-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

	Sample#	NBH10-FF-A-3		NBH10-FF-B-3		NBH10-FF-C-3	
	Species	Striped Bass		Striped Bass		Striped Bass	
	Type	Fillet		Fillet		Fillet	
	Area	IIII		III		III	
	Station	No Station		No Station		No Station	
	Sample Date	7/4/2010		7/4/2010		7/4/2010	
Parameter	Units						
Cl7-BZ#176	MG/KG	0.00046	UJ	0.00037	J	0.0023	J
Cl7-BZ#177	MG/KG	0.0015	J	0.0020	J	0.011	J
Cl7-BZ#178	MG/KG	0.0010	J	0.0018	J	0.012	J
Cl7-BZ#180	MG/KG	0.0036	J	0.0083	J	0.047	J
Cl7-BZ#182/#187	MG/KG	0.0050	J	0.011	J	0.064	J
Cl7-BZ#183	MG/KG	0.0015	J	0.0034	J	0.021	J
Cl7-BZ#184	MG/KG	0.00046	UJ	0.00043	UJ	0.00045	UJ
Cl7-BZ#185	MG/KG	0.00046	UJ	0.00029	J	0.0018	J
Cl7-BZ#188	MG/KG	0.00046	UJ	0.00043	UJ	0.0011	J
Cl7-BZ#189	MG/KG	0.00046	UJ	0.00026	J	0.0015	J
Cl7-BZ#191	MG/KG	0.00046	UJ	0.00023	J	0.0015	J
Cl7-BZ#193	MG/KG	0.00031	J	0.00073	J	0.0041	J
Cl8-BZ#194	MG/KG	0.00051	J	0.0018	J	0.0081	J
Cl8-BZ#195	MG/KG	0.00046	UJ	0.00053	J	0.0026	J
Cl8-BZ#196/203	MG/KG	0.00080	J	0.0025	J	0.011	J
Cl8-BZ#197	MG/KG	0.00046	UJ	0.00043	UJ	0.00056	J
Cl8-BZ#199	MG/KG	0.00046	UJ	0.00043	UJ	0.00067	J
Cl8-BZ#200	MG/KG	0.00030	J	0.00051	J	0.0017	J
Cl8-BZ#201	MG/KG	0.00093	J	0.0023	J	0.0091	J
Cl8-BZ#202	MG/KG	0.00053	J	0.0011	J	0.0041	J
Cl8-BZ#205	MG/KG	0.00046	UJ	0.00043	UJ	0.00046	J
Cl9-BZ#206	MG/KG	0.00061	J	0.0023	J	0.0073	J
Cl9-BZ#207	MG/KG	0.00046	UJ	0.00039	J	0.0010	J
Cl9-BZ#208	MG/KG	0.00040	J	0.0012	J	0.0032	J
Cl10-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	Units	Sample#	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
		Species	Striped Bass	Striped Bass	Striped Bass
		Type	Skin/Scales	Skin/Scales	Skin/Scales
		Area	III	III	III
		Station	No Station	No Station	No Station
		Sample Date	7/4/2010	7/4/2010	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
Cl1-BZ#1	MG/KG		0.00046 UJ	0.00047 UJ	0.00028 J
Cl1-BZ#3	MG/KG		0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl2-BZ#4/#10	MG/KG		0.00092 UJ	0.00093 UJ	0.01 J
Cl2-BZ#5/#8	MG/KG		0.00092 UJ	0.00058 J	0.025 J
Cl2-BZ#6	MG/KG		0.00046 UJ	0.00064 J	0.025 J
Cl2-BZ#7	MG/KG		0.00046 UJ	0.00047 UJ	0.0021 J
Cl2-BZ#12/#13	MG/KG		0.00092 UJ	0.00093 UJ	0.0012 J
Cl2-BZ#15	MG/KG		0.00046 UJ	0.00047 UJ	0.003 J
Cl3-BZ#16/#32	MG/KG		0.00092 UJ	0.0039 J	0.037 J
Cl3-BZ#17	MG/KG		0.00046 UJ	0.0038 J	0.034 J
Cl3-BZ#18	MG/KG		0.00046 UJ	0.0066 J	0.07 J
Cl3-BZ#19	MG/KG		0.00046 UJ	0.00024 J	0.007 J
Cl3-BZ#21/#33	MG/KG		0.00092 UJ	0.00085 J	0.0066 J
Cl3-BZ#22	MG/KG		0.00046 UJ	0.0011 J	0.011 J
Cl3-BZ#24/#27	MG/KG		0.00092 UJ	0.0011 J	0.013 J
Cl3-BZ#25	MG/KG		0.00046 UJ	0.0057 J	0.061 J
Cl3-BZ#26	MG/KG		0.00025 J	0.011 J	0.11 J
Cl3-BZ#28/#31	MG/KG		0.00062 J	0.02 J	0.22 J
Cl3-BZ#29	MG/KG		0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl3-BZ#37	MG/KG		0.00046 UJ	0.00047 UJ	0.0012 J
Cl4-BZ#40	MG/KG		0.00046 UJ	0.0006 J	0.0049 J
Cl4-BZ#41/#71	MG/KG		0.00092 UJ	0.0031 J	0.027 J
Cl4-BZ#42	MG/KG		0.00046 UJ	0.0018 J	0.014 J
Cl4-BZ#43/#49	MG/KG		0.00098 J	0.016 J	0.15 J
Cl4-BZ#44	MG/KG		0.00035 J	0.005 J	0.037 J
Cl4-BZ#45	MG/KG		0.00046 UJ	0.00059 J	0.0042 J
Cl4-BZ#46	MG/KG		0.00046 UJ	0.00046 J	0.005 J
Cl4-BZ#47/#48	MG/KG		0.00049 J	0.0053 J	0.051 J
Cl4-BZ#50	MG/KG		0.00046 UJ	0.00047 UJ	0.0004 J
Cl4-BZ#51	MG/KG		0.00046 UJ	0.0012 J	0.0094 J
Cl4-BZ#52	MG/KG		0.001 J	0.017 J	0.16 J
Cl4-BZ#53	MG/KG		0.00046 UJ	0.0023 J	0.019 J
Cl4-BZ#54	MG/KG		0.00046 UJ	0.00047 UJ	0.00027 J
Cl4-BZ#56/#60	MG/KG		0.0009 UJ	0.001 J	0.0057 J
Cl4-BZ#63	MG/KG		0.00046 UJ	0.00047 UJ	0.0014 J
Cl4-BZ#64	MG/KG		0.00046 UJ	0.0029 J	0.021 J
Cl4-BZ#66	MG/KG		0.00061 J	0.0017 J	0.016 J
Cl4-BZ#70	MG/KG		0.0003 J	0.0011 J	0.01 J
Cl4-BZ#74	MG/KG		0.00036 J	0.0014 J	0.013 J
Cl4-BZ#76	MG/KG		0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl4-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

	Sample#	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
	Species	Striped Bass	Striped Bass	Striped Bass
	Type	Skin/Scales	Skin/Scales	Skin/Scales
	Area	III	III	III
	Station	No Station	No Station	No Station
	Sample Date	7/4/2010	7/4/2010	7/4/2010
Parameter	Units			
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

	Sample#	NBH10-SS-A-3	NBH10-SS-B-3	NBH10-SS-C-3
	Species	Striped Bass	Striped Bass	Striped Bass
	Type	Skin/Scales	Skin/Scales	Skin/Scales
	Area	III	III	III
	Station	No Station	No Station	No Station
	Sample Date	7/4/2010	7/4/2010	7/4/2010
Parameter	Units			
Cl7-BZ#176	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#177	MG/KG	0.00025 J	0.0005 UJ	0.00058 J
Cl7-BZ#178	MG/KG	0.0005 UJ	0.00047 UJ	0.00056 J
Cl7-BZ#180	MG/KG	0.00042 J	0.00039 J	0.0021 J
Cl7-BZ#182/#187	MG/KG	0.0006 J	0.00054 J	0.0028 J
Cl7-BZ#183	MG/KG	0.00046 UJ	0.00047 UJ	0.0009 J
Cl7-BZ#184	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#185	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#188	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#189	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#191	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl7-BZ#193	MG/KG	0.00046 UJ	0.00047 UJ	0.00023 J
Cl8-BZ#194	MG/KG	0.00046 UJ	0.00047 UJ	0.00033 J
Cl8-BZ#195	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl8-BZ#196/203	MG/KG	0.00092 UJ	0.00093 UJ	0.00048 J
Cl8-BZ#197	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl8-BZ#199	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl8-BZ#200	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl8-BZ#201	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 J
Cl8-BZ#202	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl8-BZ#205	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl9-BZ#206	MG/KG	0.00046 UJ	0.00047 UJ	0.0004 J
Cl9-BZ#207	MG/KG	0.00046 UJ	0.00047 UJ	0.0004 UJ
Cl9-BZ#208	MG/KG	0.00046 UJ	0.00047 UJ	0.00043 UJ
Cl10-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	Units	Sample# NBH10-LV-A-3 Species Striped Bass Type Liver Area III Station No Station Sample Date 7/4/2010	Sample# NBH10-LV-B-3 Species Striped Bass Type Liver Area III Station No Station Sample Date 7/4/2010	Sample# NBH10-LV-C-3 Species Striped Bass Type Liver Area III Station No Station Sample Date 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
Cl1-BZ#1	MG/KG	0.00046 UJ	0.00047 UJ	0.0085 J
Cl1-BZ#3	MG/KG	0.00046 UJ	0.00047 UJ	0.0028 J
Cl2-BZ#4/#10	MG/KG	0.00092 UJ	0.00078 J	0.41 J
Cl2-BZ#5/#8	MG/KG	0.00082 J	0.026 J	1.1 J
Cl2-BZ#6	MG/KG	0.00043 J	0.029 J	1.2 J
Cl2-BZ#7	MG/KG	0.00046 UJ	0.0019 J	0.1 J
Cl2-BZ#12/#13	MG/KG	0.00092 UJ	0.00094 UJ	0.049 J
Cl2-BZ#15	MG/KG	0.00026 J	0.007 J	0.140 J
Cl3-BZ#16/#32	MG/KG	0.0036 J	0.21 J	2.1 J
Cl3-BZ#17	MG/KG	0.0027 J	0.2 J	2.1 J
Cl3-BZ#18	MG/KG	0.0047 J	0.36 J	4 J
Cl3-BZ#19	MG/KG	0.00032 J	0.012 J	0.330 J
Cl3-BZ#21/#33	MG/KG	0.002 J	0.049 J	0.46 J
Cl3-BZ#22	MG/KG	0.0024 J	0.08 J	0.63 J
Cl3-BZ#24/#27	MG/KG	0.00077 J	0.064 J	0.74 J
Cl3-BZ#25	MG/KG	0.0046 J	0.38 J	3.8 J
Cl3-BZ#26	MG/KG	0.01 J	0.9 J	7.1 J
Cl3-BZ#28/#31	MG/KG	0.028 J	1.7 J	14 J
Cl3-BZ#29	MG/KG	0.00046 UJ	0.00047 UJ	0.0045 J
Cl3-BZ#37	MG/KG	0.00083 J	0.0058 J	0.084 J
Cl4-BZ#40	MG/KG	0.0046 J	0.0430 J	0.33 J
Cl4-BZ#41/#71	MG/KG	0.017 J	0.24 J	1.8 J
Cl4-BZ#42	MG/KG	0.0095 J	0.13 J	0.96 J
Cl4-BZ#43/#49	MG/KG	0.071 J	1.7 J	12 J
Cl4-BZ#44	MG/KG	0.02 J	0.340 J	2.5 J
Cl4-BZ#45	MG/KG	0.0013 J	0.037 J	0.3 J
Cl4-BZ#46	MG/KG	0.00046 UJ	0.00047 UJ	0.33 J
Cl4-BZ#47/#48	MG/KG	0.04 J	0.43 J	3.9 J
Cl4-BZ#50	MG/KG	0.00046 UJ	0.0031 J	0.0250 J
Cl4-BZ#51	MG/KG	0.0017 J	0.08 J	0.62 J
Cl4-BZ#52	MG/KG	0.075 J	1.8 J	12 J
Cl4-BZ#53	MG/KG	0.0032 J	0.15 J	1.2 J
Cl4-BZ#54	MG/KG	0.00046 UJ	0.00066 J	0.014 J
Cl4-BZ#56/#60	MG/KG	0.0120 J	0.053 J	0.51 J
Cl4-BZ#63	MG/KG	0.0038 J	0.013 J	0.15 J
Cl4-BZ#64	MG/KG	0.0095 J	0.23 J	1.6 J
Cl4-BZ#66	MG/KG	0.053 J	0.15 J	1.1 J
Cl4-BZ#70	MG/KG	0.0240 J	0.1 J	0.76 J
Cl4-BZ#74	MG/KG	0.028 J	0.12 J	1 J
Cl4-BZ#76	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ
Cl4-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

	Sample#	NBH10-LV-A-3	NBH10-LV-B-3	NBH10-LV-C-3
	Species	Striped Bass	Striped Bass	Striped Bass
	Type	Liver	Liver	Liver
	Area	III	III	III
	Station	No Station	No Station	No Station
	Sample Date	7/4/2010	7/4/2010	7/4/2010
Parameter	Units			
Cl4-BZ#81	MG/KG	0.0013 J	0.0019 J	0.015 J
Cl5-BZ#82	MG/KG	0.007 J	0.0097 J	0.076 J
Cl5-BZ#83	MG/KG	0.0069 J	0.022 J	0.2 J
Cl5-BZ#85	MG/KG	0.025 J	0.02 J	0.17 J
Cl5-BZ#87	MG/KG	0.039 J	0.062 J	0.39 J
Cl5-BZ#89	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ
Cl5-BZ#91	MG/KG	0.024 J	0.19 J	1.4 J
Cl5-BZ#92	MG/KG	0.04 J	0.099 J	0.77 J
Cl5-BZ#95	MG/KG	0.05 J	0.32 J	2.3 J
Cl5-BZ#97	MG/KG	0.0490 J	0.11 J	0.74 J
Cl5-BZ#99	MG/KG	0.23 J	0.34 J	2.7 J
Cl5-BZ#100	MG/KG	0.0039 J	0.0190 J	0.2 J
Cl5-BZ#101/#84	MG/KG	0.25 J	0.5 J	3.6 J
Cl5-BZ#104	MG/KG	0.00046 UJ	0.00041 J	0.0041 J
Cl5-BZ#105	MG/KG	0.039 J	0.03 J	0.26 J
Cl5-BZ#107	MG/KG	0.03 J	0.023 J	0.2 J
Cl5-BZ#110	MG/KG	0.091 J	0.360 J	2.4 J
Cl5-BZ#114	MG/KG	0.0017 J	0.003 J	0.032 J
Cl5-BZ#118	MG/KG	0.25 J	0.25 J	1.6 J
Cl5-BZ#119	MG/KG	0.014 J	0.053 J	0.43 J
Cl5-BZ#123	MG/KG	0.0079 J	0.014 J	0.11 J
Cl5-BZ#124	MG/KG	0.0032 J	0.0068 J	0.069 J
Cl5-BZ#126	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ
Cl6-BZ#129	MG/KG	0.0034 J	0.004 J	0.033 J
Cl6-BZ#130	MG/KG	0.016 J	0.0096 J	0.078 J
Cl6-BZ#131	MG/KG	0.0021 J	0.0035 J	0.033 J
Cl6-BZ#132/#168	MG/KG	0.023 J	0.019 J	0.15 J
Cl6-BZ#134	MG/KG	0.015 J	0.024 J	0.22 J
Cl6-BZ#135/#144	MG/KG	0.018 J	0.0290 J	0.28 J
Cl6-BZ#136	MG/KG	0.01 J	0.037 J	0.31 J
Cl6-BZ#137	MG/KG	0.0081 J	0.0078 J	0.074 J
Cl6-BZ#138/#163	MG/KG	0.3 J	0.21 J	1.1 J
Cl6-BZ#141	MG/KG	0.011 J	0.011 J	0.1 J
Cl6-BZ#146	MG/KG	0.084 J	0.059 J	0.350 J
Cl6-BZ#147	MG/KG	0.0120 J	0.021 J	0.220 J
Cl6-BZ#149	MG/KG	0.130 J	0.24 J	1.8 J
Cl6-BZ#151	MG/KG	0.033 J	0.044 J	0.32 J
Cl6-BZ#153	MG/KG	0.46 J	0.34 J	2.1 J
Cl6-BZ#154	MG/KG	0.012 J	0.019 J	0.2 J
Cl6-BZ#155	MG/KG	0.00071 J	0.00051 J	0.0029 J
Cl6-BZ#156	MG/KG	0.016 J	0.015 J	0.13 J
Cl6-BZ#157	MG/KG	0.0043 J	0.0027 J	0.019 J
Cl6-BZ#158	MG/KG	0.018 J	0.02 J	0.2 J
Cl6-BZ#167/#128	MG/KG	0.055 J	0.039 J	0.31 J
Cl6-BZ#169	MG/KG	0.00046 UJ	0.00047 UJ	0.00044 UJ
Cl7-BZ#170/#190	MG/KG	0.021 J	0.02 J	0.15 J
Cl7-BZ#171	MG/KG	0.0073 J	0.0056 J	0.04 J
Cl7-BZ#172	MG/KG	0.004 J	0.0035 J	0.028 J
Cl7-BZ#173	MG/KG	0.00024 J	0.00036 J	0.00230 J
Cl7-BZ#174	MG/KG	0.0091 J	0.0063 J	0.062 J
Cl7-BZ#175	MG/KG	0.0018 J	0.0014 J	0.0086 J

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

	Sample#	NBH10-LV-A-3	NBH10-LV-B-3	NBH10-LV-C-3
	Species	Striped Bass	Striped Bass	Striped Bass
	Type	Liver	Liver	Liver
	Area	III	III	III
	Station	No Station	No Station	No Station
	Sample Date	7/4/2010	7/4/2010	7/4/2010
Parameter	Units			
Cl7-BZ#176	MG/KG	0.002 J	0.0016 J	0.012 J
Cl7-BZ#177	MG/KG	0.017 J	0.0087 J	0.063 J
Cl7-BZ#178	MG/KG	0.0120 J	0.0084 J	0.068 J
Cl7-BZ#180	MG/KG	0.045 J	0.038 J	0.27 J
Cl7-BZ#182/#187	MG/KG	0.0660 J	0.05 J	0.36 J
Cl7-BZ#183	MG/KG	0.02 J	0.016 J	0.12 J
Cl7-BZ#184	MG/KG	0.00024 J	0.00047 UJ	0.0007 J
Cl7-BZ#185	MG/KG	0.00098 J	0.0012 J	0.01 J
Cl7-BZ#188	MG/KG	0.00084 J	0.0009 J	0.0065 J
Cl7-BZ#189	MG/KG	0.00098 J	0.0011 J	0.009 J
Cl7-BZ#191	MG/KG	0.00095 J	0.0011 J	0.009 J
Cl7-BZ#193	MG/KG	0.0034 J	0.0031 J	0.024 J
Cl8-BZ#194	MG/KG	0.0061 J	0.0071 J	0.057 J
Cl8-BZ#195	MG/KG	0.0019 J	0.0022 J	0.017 J
Cl8-BZ#196/203	MG/KG	0.00880 J	0.0099 J	0.075 J
Cl8-BZ#197	MG/KG	0.00075 J	0.00073 J	0.0033 J
Cl8-BZ#199	MG/KG	0.00034 J	0.00042 J	0.0038 J
Cl8-BZ#200	MG/KG	0.00270 J	0.0022 J	0.011 J
Cl8-BZ#201	MG/KG	0.011 J	0.0092 J	0.057 J
Cl8-BZ#202	MG/KG	0.0069 J	0.005 J	0.027 J
Cl8-BZ#205	MG/KG	0.00027 J	0.00039 J	0.003 J
Cl9-BZ#206	MG/KG	0.0055 J	0.0084 J	0.054 J
Cl9-BZ#207	MG/KG	0.0009 J	0.0014 J	0.0068 J
Cl9-BZ#208	MG/KG	0.00330 J	0.0044 J	0.021 J
Cl10-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 Bluefish II Station A 6/18/2010		NBH10-FF-B-2 Bluefish II Station B 6/18/2010		NBH10-FF-A-3 Bluefish III Station A 6/18/2010		NBH10-FF-B-3 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
Cl1-BZ#1	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl1-BZ#3	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl2-BZ#4/#10	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
Cl2-BZ#5/#8	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
Cl2-BZ#6	MG/KG	0.00046	UJ	0.00045	UJ	0.00036	J	0.00047	UJ
Cl2-BZ#7	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl2-BZ#12/#13	MG/KG	0.00092	UJ	0.00089	UJ	0.00094	UJ	0.00094	UJ
Cl2-BZ#15	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl3-BZ#16/#32	MG/KG	0.00047	J	0.00054	J	0.0036	J	0.00094	UJ
Cl3-BZ#17	MG/KG	0.00037	J	0.00024	J	0.0028	J	0.00047	UJ
Cl3-BZ#18	MG/KG	0.00076	J	0.00050	J	0.0044	J	0.00029	J
Cl3-BZ#19	MG/KG	0.00046	UJ	0.00045	UJ	0.00026	J	0.00047	UJ
Cl3-BZ#21/#33	MG/KG	0.00092	UJ	0.00089	UJ	0.00090	J	0.00094	UJ
Cl3-BZ#22	MG/KG	0.00046	UJ	0.00023	J	0.0014	J	0.00047	UJ
Cl3-BZ#24/#27	MG/KG	0.00092	UJ	0.00089	UJ	0.0011	J	0.00094	UJ
Cl3-BZ#25	MG/KG	0.00051	J	0.00050	J	0.0037	J	0.00024	J
Cl3-BZ#26	MG/KG	0.0013	J	0.0011	J	0.015	J	0.00064	J
Cl3-BZ#28/#31	MG/KG	0.0027	J	0.0031	J	0.027	J	0.0015	J
Cl3-BZ#29	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl3-BZ#37	MG/KG	0.00046	UJ	0.00045	UJ	0.00026	J	0.00047	UJ
Cl4-BZ#40	MG/KG	0.00046	UJ	0.00037	J	0.0017	J	0.00047	UJ
Cl4-BZ#41/#71	MG/KG	0.0015	J	0.0022	J	0.011	J	0.00089	J
Cl4-BZ#42	MG/KG	0.00065	J	0.0010	J	0.0047	J	0.00033	J
Cl4-BZ#43/#49	MG/KG	0.0060	J	0.0072	J	0.058	J	0.0034	J
Cl4-BZ#44	MG/KG	0.0012	J	0.0022	J	0.012	J	0.00083	J
Cl4-BZ#45	MG/KG	0.00046	UJ	0.00045	UJ	0.0011	J	0.00047	UJ
Cl4-BZ#46	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl4-BZ#47/#48	MG/KG	0.0028	J	0.0040	J	0.022	J	0.0016	J
Cl4-BZ#50	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl4-BZ#51	MG/KG	0.00046	UJ	0.00045	UJ	0.0015	J	0.00047	UJ
Cl4-BZ#52	MG/KG	0.0063	J	0.0080	J	0.060	J	0.0034	J
Cl4-BZ#53	MG/KG	0.00027	J	0.00038	J	0.0038	J	0.00047	UJ
Cl4-BZ#54	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl4-BZ#56/#60	MG/KG	0.00058	J	0.0014	J	0.0027	J	0.00094	UJ
Cl4-BZ#63	MG/KG	0.00046	UJ	0.00044	J	0.0011	J	0.00047	UJ
Cl4-BZ#64	MG/KG	0.00038	J	0.00058	J	0.0048	J	0.00047	UJ
Cl4-BZ#66	MG/KG	0.0023	J	0.0061	J	0.012	J	0.0020	J
Cl4-BZ#70	MG/KG	0.0013	J	0.0032	J	0.0056	J	0.00098	J
Cl4-BZ#74	MG/KG	0.0017	J	0.0033	J	0.0095	J	0.0013	J
Cl4-BZ#76	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl4-BZ#77	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl4-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2		NBH10-FF-A-3		NBH10-FF-B-3	
		Species	Bluefish		Bluefish		Bluefish		Bluefish	
		Area	II		II		III		III	
		Station	Station A		Station B		Station A		Station B	
		Sample Date	6/18/2010		6/18/2010		6/18/2010		7/7/2010	
Cl5-BZ#82	MG/KG		0.00030	J	0.00093	J	0.0014	J	0.00029	J
Cl5-BZ#83	MG/KG		0.00037	J	0.00086	J	0.0022	J	0.00036	J
Cl5-BZ#85	MG/KG		0.00084	J	0.0027	J	0.0037	J	0.00098	J
Cl5-BZ#87	MG/KG		0.0015	J	0.0047	J	0.0083	J	0.0017	J
Cl5-BZ#89	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl5-BZ#91	MG/KG		0.0017	J	0.0026	J	0.014	J	0.0011	J
Cl5-BZ#92	MG/KG		0.0020	J	0.0042	J	0.011	J	0.0017	J
Cl5-BZ#95	MG/KG		0.0032	J	0.0063	J	0.023	J	0.0023	J
Cl5-BZ#97	MG/KG		0.0020	J	0.0054	J	0.012	J	0.0019	J
Cl5-BZ#99	MG/KG		0.0087	J	0.024	J	0.049	J	0.0088	J
Cl5-BZ#100	MG/KG		0.00026	J	0.00046	J	0.0019	J	0.00047	UJ
Cl5-BZ#101/#84	MG/KG		0.010	J	0.027	J	0.059	J	0.010	J
Cl5-BZ#104	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl5-BZ#105	MG/KG		0.0013	J	0.0050	J	0.0063	J	0.0018	J
Cl5-BZ#107	MG/KG		0.0010	J	0.0036	J	0.0047	J	0.0014	J
Cl5-BZ#110	MG/KG		0.0050	J	0.011	J	0.031	J	0.0039	J
Cl5-BZ#114	MG/KG		0.00046	UJ	0.00045	UJ	0.00046	J	0.00047	UJ
Cl5-BZ#118	MG/KG		0.0076	J	0.027	J	0.045	J	0.010	J
Cl5-BZ#119	MG/KG		0.00078	J	0.0014	J	0.0048	J	0.00061	J
Cl5-BZ#123	MG/KG		0.00046	UJ	0.0010	J	0.0022	J	0.00044	J
Cl5-BZ#124	MG/KG		0.00046	UJ	0.00038	J	0.00085	J	0.00047	UJ
Cl5-BZ#126	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl6-BZ#129	MG/KG		0.00046	UJ	0.00048	J	0.00083	J	0.00024	J
Cl6-BZ#130	MG/KG		0.00057	J	0.0019	J	0.0026	J	0.00079	J
Cl6-BZ#131	MG/KG		0.00046	UJ	0.00031	J	0.00058	J	0.00047	UJ
Cl6-BZ#132/#168	MG/KG		0.00087	J	0.0031	J	0.0041	J	0.00099	J
Cl6-BZ#134	MG/KG		0.00068	J	0.0020	J	0.0040	J	0.00084	J
Cl6-BZ#135/#144	MG/KG		0.00085	J	0.0027	J	0.0047	J	0.00096	J
Cl6-BZ#136	MG/KG		0.00054	J	0.0014	J	0.0040	J	0.00047	J
Cl6-BZ#137	MG/KG		0.00027	J	0.00097	J	0.0015	J	0.00045	J
Cl6-BZ#138/#163	MG/KG		0.0088	J	0.035	J	0.047	J	0.015	J
Cl6-BZ#141	MG/KG		0.00045	J	0.0015	J	0.0023	J	0.00064	J
Cl6-BZ#146	MG/KG		0.0027	J	0.011	J	0.014	J	0.0050	J
Cl6-BZ#147	MG/KG		0.00057	J	0.0012	J	0.0033	J	0.00065	J
Cl6-BZ#149	MG/KG		0.0056	J	0.015	J	0.034	J	0.0061	J
Cl6-BZ#151	MG/KG		0.0012	J	0.0040	J	0.0071	J	0.0016	J
Cl6-BZ#153	MG/KG		0.014	J	0.054	J	0.078	J	0.025	J
Cl6-BZ#154	MG/KG		0.00049	J	0.0015	J	0.0031	J	0.00070	J
Cl6-BZ#155	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl6-BZ#156	MG/KG		0.00051	J	0.0020	J	0.0030	J	0.00098	J
Cl6-BZ#157	MG/KG		0.00046	UJ	0.00068	J	0.00082	J	0.00033	J
Cl6-BZ#158	MG/KG		0.00064	J	0.0021	J	0.0037	J	0.00090	J
Cl6-BZ#167/#128	MG/KG		0.0016	J	0.0068	J	0.0090	J	0.0029	J
Cl6-BZ#169	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl7-BZ#170/#190	MG/KG		0.00074	J	0.0034	J	0.0044	J	0.0018	J
Cl7-BZ#171	MG/KG		0.00027	J	0.0011	J	0.0015	J	0.00061	J
Cl7-BZ#172	MG/KG		0.00024	J	0.00074	J	0.00092	J	0.00039	J
Cl7-BZ#173	MG/KG		0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl7-BZ#174	MG/KG		0.00037	J	0.0017	J	0.0020	J	0.00068	J
Cl7-BZ#175	MG/KG		0.00046	UJ	0.00033	J	0.00034	J	0.00047	UJ
Cl7-BZ#176	MG/KG		0.00046	UJ	0.00036	J	0.00044	J	0.00047	UJ
Cl7-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	Units	Sample# NBH10-FF-A-2		Sample# NBH10-FF-B-2		Sample# NBH10-FF-A-3		Sample# NBH10-FF-B-3	
	Species	Bluefish		Bluefish		Bluefish		Bluefish	
	Area	II		II		III		III	
	Station	Station A		Station B		Station A		Station B	
	Sample Date	6/18/2010		6/18/2010		6/18/2010		7/7/2010	
Cl7-BZ#178	MG/KG	0.00056	J	0.0023	J	0.0025	J	0.0010	J
Cl7-BZ#180	MG/KG	0.0019	J	0.0080	J	0.010	J	0.0045	J
Cl7-BZ#182/#187	MG/KG	0.0026	J	0.011	J	0.013	J	0.0056	J
Cl7-BZ#183	MG/KG	0.00082	J	0.0034	J	0.0041	J	0.0017	J
Cl7-BZ#184	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl7-BZ#185	MG/KG	0.00046	UJ	0.00045	UJ	0.00028	J	0.00047	UJ
Cl7-BZ#188	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl7-BZ#189	MG/KG	0.00046	UJ	0.00045	UJ	0.00031	J	0.00047	UJ
Cl7-BZ#191	MG/KG	0.00046	UJ	0.00045	UJ	0.00029	J	0.00047	UJ
Cl7-BZ#193	MG/KG	0.00046	UJ	0.00058	J	0.00073	J	0.00036	J
Cl8-BZ#194	MG/KG	0.00044	J	0.0016	J	0.0020	J	0.0010	J
Cl8-BZ#195	MG/KG	0.00046	UJ	0.00044	J	0.00052	J	0.00024	J
Cl8-BZ#196/203	MG/KG	0.00065	J	0.0023	J	0.0029	J	0.0014	J
Cl8-BZ#197	MG/KG	0.00046	UJ	0.00025	J	0.00047	UJ	0.00047	UJ
Cl8-BZ#199	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl8-BZ#200	MG/KG	0.00024	J	0.00072	J	0.00080	J	0.00042	J
Cl8-BZ#201	MG/KG	0.00076	J	0.0025	J	0.0029	J	0.0015	J
Cl8-BZ#202	MG/KG	0.00050	J	0.0016	J	0.0017	J	0.00092	J
Cl8-BZ#205	MG/KG	0.00046	UJ	0.00045	UJ	0.00047	UJ	0.00047	UJ
Cl9-BZ#206	MG/KG	0.00076	J	0.0024	J	0.0027	J	0.0016	J
Cl9-BZ#207	MG/KG	0.00046	UJ	0.00039	J	0.00047	J	0.00031	J
Cl9-BZ#208	MG/KG	0.00042	J	0.0014	J	0.0015	J	0.00090	J
Cl10-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

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	
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
Cl1-BZ#1		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl1-BZ#3		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl2-BZ#4/#10		MG/KG	0.00094	U	0.00088	U	0.00092	U	0.00087	U
Cl2-BZ#5/#8		MG/KG	0.00094	U	0.00088	U	0.00092	U	0.00087	U
Cl2-BZ#6		MG/KG	0.00050		0.00044	U	0.00046	U	0.00043	U
Cl2-BZ#7		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl2-BZ#12/#13		MG/KG	0.00094	U	0.00088	U	0.00092	U	0.00087	U
Cl2-BZ#15		MG/KG	0.00056		0.00044	U	0.00046	U	0.00043	U
Cl3-BZ#16/#32		MG/KG	0.00051	J	0.00088	U	0.00092	U	0.00087	U
Cl3-BZ#17		MG/KG	0.00029	J	0.00044	U	0.00046	U	0.00043	U
Cl3-BZ#18		MG/KG	0.0022		0.00064		0.00063		0.00033	J
Cl3-BZ#19		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl3-BZ#21/#33		MG/KG	0.00094	U	0.00088	U	0.00092	U	0.00087	U
Cl3-BZ#22		MG/KG	0.00056		0.00044	U	0.00046	U	0.00043	U
Cl3-BZ#24/#27		MG/KG	0.00094	U	0.00088	U	0.00092	U	0.00087	U
Cl3-BZ#25		MG/KG	0.00063		0.00024	J	0.00046	U	0.00023	J
Cl3-BZ#26		MG/KG	0.0085		0.00079		0.00053		0.00057	
Cl3-BZ#28/#31		MG/KG	0.019	J	0.0025	J	0.0013	J	0.0018	J
Cl3-BZ#29		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl3-BZ#37		MG/KG	0.00084	J	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#40		MG/KG	0.0015		0.00044	U	0.00046	U	0.00027	J
Cl4-BZ#41/#71		MG/KG	0.0089		0.0010		0.00065	J	0.0010	
Cl4-BZ#42		MG/KG	0.0013		0.00044	U	0.00025	J	0.00042	J
Cl4-BZ#43/#49		MG/KG	0.030	J	0.0036		0.0036		0.0050	
Cl4-BZ#44		MG/KG	0.0070		0.0011		0.0011		0.0012	
Cl4-BZ#45		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#46		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#47/#48		MG/KG	0.0062		0.0026		0.0011		0.0019	
Cl4-BZ#50		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#51		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#52		MG/KG	0.035	J	0.0048		0.0030		0.0043	
Cl4-BZ#53		MG/KG	0.00045	J	0.00077		0.00038	J	0.00030	J
Cl4-BZ#54		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#56/#60		MG/KG	0.0029		0.00054	J	0.00092	U	0.00072	J
Cl4-BZ#63		MG/KG	0.0014		0.00024	J	0.00046	U	0.00023	J
Cl4-BZ#64		MG/KG	0.00064		0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#66		MG/KG	0.014	J	0.0025	J	0.0017	J	0.0039	J
Cl4-BZ#70		MG/KG	0.0086	J	0.0020		0.0013		0.0020	
Cl4-BZ#74		MG/KG	0.0097	J	0.0011		0.00070		0.0021	
Cl4-BZ#76		MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl4-BZ#77		MG/KG	0.0012	J	0.00044	U	0.00046	U	0.00041	J
Cl4-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

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	
Cl5-BZ#82	MG/KG	0.00045	J	0.00044	U	0.00046	U	0.00031	J
Cl5-BZ#83	MG/KG	0.0024		0.00060		0.00040	J	0.00063	
Cl5-BZ#85	MG/KG	0.0038		0.0012		0.00082		0.0017	
Cl5-BZ#87	MG/KG	0.0070		0.0011		0.0012		0.0021	
Cl5-BZ#89	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl5-BZ#91	MG/KG	0.0058		0.00046		0.00085		0.0014	
Cl5-BZ#92	MG/KG	0.011		0.0022		0.0015		0.0025	
Cl5-BZ#95	MG/KG	0.0089	J	0.0024		0.0019		0.0024	
Cl5-BZ#97	MG/KG	0.0062		0.00075		0.0011		0.0011	
Cl5-BZ#99	MG/KG	0.039	J	0.011		0.0068		0.015	
Cl5-BZ#100	MG/KG	0.00078		0.00031	J	0.00046	U	0.00043	U
Cl5-BZ#101/#84	MG/KG	0.042	J	0.0098		0.0080		0.012	
Cl5-BZ#104	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl5-BZ#105	MG/KG	0.0074	J	0.0012	J	0.00099	J	0.0023	J
Cl5-BZ#107	MG/KG	0.0052		0.0013		0.00084		0.0017	
Cl5-BZ#110	MG/KG	0.023	J	0.0045	J	0.0043	J	0.0053	J
Cl5-BZ#114	MG/KG	0.00063		0.00044	U	0.00046	U	0.00043	U
Cl5-BZ#118	MG/KG	0.043	J	0.0082	J	0.0055	J	0.015	J
Cl5-BZ#119	MG/KG	0.0034		0.00084		0.00053		0.0012	
Cl5-BZ#123	MG/KG	0.0015		0.00044	U	0.00027	J	0.00056	
Cl5-BZ#124	MG/KG	0.00092		0.00030	J	0.00046	U	0.00028	J
Cl5-BZ#126	MG/KG	0.00047	UJ	0.00044	UJ	0.00046	UJ	0.00043	UJ
Cl6-BZ#129	MG/KG	0.00057		0.00044	U	0.00046	U	0.00043	U
Cl6-BZ#130	MG/KG	0.0027		0.00069		0.00044	J	0.00085	
Cl6-BZ#131	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl6-BZ#132/#168	MG/KG	0.0026		0.00057	J	0.00087	J	0.0014	
Cl6-BZ#134	MG/KG	0.0033		0.00086		0.00054		0.0010	
Cl6-BZ#135/#144	MG/KG	0.0032		0.0011		0.00077	J	0.0012	
Cl6-BZ#136	MG/KG	0.00078		0.00038	J	0.00029	J	0.00054	
Cl6-BZ#137	MG/KG	0.0017		0.00025	J	0.00030	J	0.00047	
Cl6-BZ#138/#163	MG/KG	0.043	J	0.012		0.0087		0.017	
Cl6-BZ#141	MG/KG	0.0016		0.00026	J	0.00024	J	0.00027	J
Cl6-BZ#146	MG/KG	0.014		0.0034		0.0023		0.0049	
Cl6-BZ#147	MG/KG	0.0024		0.00063		0.00042	J	0.00063	
Cl6-BZ#149	MG/KG	0.020	J	0.0050	J	0.0047	J	0.0074	J
Cl6-BZ#151	MG/KG	0.0035	J	0.00091	J	0.00067	J	0.0011	J
Cl6-BZ#153	MG/KG	0.065	J	0.020	J	0.014	J	0.030	J
Cl6-BZ#154	MG/KG	0.0018		0.00062		0.00038	J	0.00067	
Cl6-BZ#155	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl6-BZ#156	MG/KG	0.0035	J	0.00045	J	0.00044	J	0.00087	J
Cl6-BZ#157	MG/KG	0.00074		0.00044	U	0.00046	U	0.00025	J
Cl6-BZ#158	MG/KG	0.0036		0.00065		0.00070		0.0011	
Cl6-BZ#167/#128	MG/KG	0.0084		0.0026		0.0018		0.0036	
Cl6-BZ#169	MG/KG	0.00047	UJ	0.00044	UJ	0.00046	UJ	0.00043	UJ
Cl7-BZ#170/#190	MG/KG	0.0024	J	0.00054	J	0.00092	UJ	0.00059	J
Cl7-BZ#171	MG/KG	0.00076		0.00023	J	0.00046	U	0.00024	J
Cl7-BZ#172	MG/KG	0.00060		0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#173	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#174	MG/KG	0.0010		0.0003	J	0.00046	U	0.00027	J
Cl7-BZ#175	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#176	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-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	
Cl7-BZ#178	MG/KG	0.0016		0.00037	J	0.00046	U	0.00042	J
Cl7-BZ#180	MG/KG	0.0072	J	0.0012		0.00083		0.0018	
Cl7-BZ#182/#187	MG/KG	0.0077	J	0.0020	J	0.0012	J	0.0025	J
Cl7-BZ#183	MG/KG	0.0020		0.00063		0.00055		0.00078	
Cl7-BZ#184	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#185	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#188	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#189	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#191	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl7-BZ#193	MG/KG	0.00053		0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#194	MG/KG	0.00067		0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#195	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#196/203	MG/KG	0.00061	J	0.00088	U	0.00092	U	0.00087	U
Cl8-BZ#197	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#199	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#200	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#201	MG/KG	0.00087		0.00026	J	0.00046	U	0.00026	J
Cl8-BZ#202	MG/KG	0.00041	J	0.00044	U	0.00046	U	0.00043	U
Cl8-BZ#205	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl9-BZ#206	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl9-BZ#207	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl9-BZ#208	MG/KG	0.00047	U	0.00044	U	0.00046	U	0.00043	U
Cl10-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

Parameter	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
Cl1-BZ#1		MG/KG	0.00045	UJ	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl1-BZ#3		MG/KG	0.00045	UJ	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl2-BZ#4/#10		MG/KG	0.00089	U	0.00066	J	0.00089	U	0.00087	U	0.00088	U	0.00086	U
Cl2-BZ#5/#8		MG/KG	0.00089	U	0.0015		0.00063	J	0.00087	U	0.00088	U	0.00086	U
Cl2-BZ#6		MG/KG	0.00045	U	0.00096		0.00051		0.00023	J	0.00044	U	0.00023	J
Cl2-BZ#7		MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl2-BZ#12/#13		MG/KG	0.00089	U	0.00054	J	0.00061	J	0.00087	U	0.00088	U	0.00086	U
Cl2-BZ#15		MG/KG	0.00045	UJ	0.0011		0.00073		0.00025	J	0.00044	U	0.00035	J
Cl3-BZ#16/#32		MG/KG	0.00089	U	0.0033		0.0024		0.00064	J	0.00088	U	0.0010	
Cl3-BZ#17		MG/KG	0.00045	U	0.0026		0.0020		0.00056		0.00044	U	0.00080	
Cl3-BZ#18		MG/KG	0.00025	UJ	0.0060		0.0044		0.0012		0.00029	J	0.0019	
Cl3-BZ#19		MG/KG	0.00045	U	0.00065		0.00038	J	0.00044	U	0.00044	U	0.00043	U
Cl3-BZ#21/#33		MG/KG	0.00089	U	0.0020		0.0012		0.00087	U	0.00088	U	0.00063	J
Cl3-BZ#22		MG/KG	0.00045	U	0.0018		0.0014		0.00042	J	0.00044	U	0.00068	
Cl3-BZ#24/#27		MG/KG	0.00089	U	0.0010		0.00085	J	0.00087	U	0.00088	U	0.00086	U
Cl3-BZ#25		MG/KG	0.00033	U	0.0055		0.0051		0.0014		0.00036	J	0.0021	
Cl3-BZ#26		MG/KG	0.00060	U	0.011		0.0097		0.0029		0.00083		0.0044	
Cl3-BZ#28/#31		MG/KG	0.0014	U	0.026		0.022		0.0064		0.0019		0.010	
Cl3-BZ#29		MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl3-BZ#37		MG/KG	0.00045	U	0.0012		0.00084		0.00027	J	0.00044	U	0.00036	J
Cl4-BZ#40		MG/KG	0.00045	U	0.0015		0.0012		0.00033	J	0.00044	U	0.00063	
Cl4-BZ#41/#71		MG/KG	0.00057	J	0.0072		0.0051		0.0016		0.00083	J	0.0026	
Cl4-BZ#42		MG/KG	0.00026	U	0.0028		0.0023		0.00058		0.00029	J	0.00079	
Cl4-BZ#43/#49		MG/KG	0.0016	U	0.027		0.020		0.0060		0.0025		0.0095	
Cl4-BZ#44		MG/KG	0.00060		0.0077		0.0057		0.0018		0.00079		0.0027	
Cl4-BZ#45		MG/KG	0.00045	U	0.00090		0.00059		0.00044	U	0.00044	U	0.00030	J
Cl4-BZ#46		MG/KG	0.00045	U	0.00063		0.00063		0.00044	U	0.00044	U	0.00043	U
Cl4-BZ#47/#48		MG/KG	0.00082		0.012		0.0083		0.0027		0.0012		0.0038	
Cl4-BZ#50		MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl4-BZ#51		MG/KG	0.00045	U	0.00077		0.00056		0.00022	J	0.00044	U	0.00028	J
Cl4-BZ#52		MG/KG	0.0021	U	0.031		0.023		0.0072		0.0031		0.012	
Cl4-BZ#53		MG/KG	0.00045	U	0.0025		0.0016		0.00050		0.00044	U	0.00072	
Cl4-BZ#54		MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl4-BZ#56/#60		MG/KG	0.00089	U	0.0042		0.0026		0.00084	J	0.00052	J	0.0013	
Cl4-BZ#63		MG/KG	0.00045	J	0.00083		0.00064		0.00026	J	0.00044	U	0.00031	J
Cl4-BZ#64		MG/KG	0.00024	J	0.0043		0.0033		0.00095		0.00033	J	0.0015	
Cl4-BZ#66		MG/KG	0.0011		0.0098		0.0063		0.0019		0.0014		0.0033	
Cl4-BZ#70		MG/KG	0.00093		0.0086		0.0056		0.0018		0.0012		0.0029	
Cl4-BZ#74		MG/KG	0.00053		0.0065		0.0043		0.0013		0.00074		0.0023	
Cl4-BZ#76		MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl4-BZ#77		MG/KG	0.00045	U	0.0010		0.00075		0.00031	J	0.00025	J	0.00031	J
Cl4-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	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	
Cl5-BZ#82	MG/KG	0.00045	U	0.00087		0.00052		0.00044	U	0.00044	U	0.00031	J
Cl5-BZ#83	MG/KG	0.00045	J	0.0013		0.00088		0.00039	J	0.00044	U	0.00058	
Cl5-BZ#85	MG/KG	0.00033	J	0.0018		0.0011		0.00040	J	0.00034	J	0.00076	
Cl5-BZ#87	MG/KG	0.00055		0.0055		0.0031		0.0011		0.00076		0.0020	
Cl5-BZ#89	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl5-BZ#91	MG/KG	0.00045	J	0.0049		0.0036		0.00096		0.00056		0.0018	
Cl5-BZ#92	MG/KG	0.00087		0.0057		0.0041		0.0016		0.00096		0.0027	
Cl5-BZ#95	MG/KG	0.0012	J	0.011		0.0079		0.0027		0.0015		0.0044	
Cl5-BZ#97	MG/KG	0.00063		0.0048		0.0033		0.00099		0.00079		0.0017	
Cl5-BZ#99	MG/KG	0.0025		0.018		0.013		0.0044		0.0032		0.0071	
Cl5-BZ#100	MG/KG	0.00045	U	0.00068		0.00053		0.00044	U	0.00044	U	0.00026	J
Cl5-BZ#101/#84	MG/KG	0.0034	U	0.026		0.017		0.0061		0.0044		0.011	
Cl5-BZ#104	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl5-BZ#105	MG/KG	0.00048		0.0034		0.0020		0.00070		0.00062		0.0013	
Cl5-BZ#107	MG/KG	0.00046	J	0.0020		0.0015		0.00068		0.00054		0.00096	
Cl5-BZ#110	MG/KG	0.0020		0.018		0.012		0.0037		0.0025		0.0075	
Cl5-BZ#114	MG/KG	0.00045	U	0.00031	J	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl5-BZ#118	MG/KG	0.0024		0.016		0.010		0.0035		0.0028		0.0063	
Cl5-BZ#119	MG/KG	0.00045	J	0.0020		0.0015		0.00048		0.00028	J	0.00082	
Cl5-BZ#123	MG/KG	0.00045	U	0.00083		0.00060		0.00044	U	0.00044	U	0.00032	J
Cl5-BZ#124	MG/KG	0.00045	U	0.00063		0.00040	J	0.00044	U	0.00044	U	0.00024	J
Cl5-BZ#126	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl6-BZ#129	MG/KG	0.00045	U	0.00045	J	0.00025	J	0.00044	U	0.00044	U	0.00043	U
Cl6-BZ#130	MG/KG	0.00028	U	0.0011		0.00063		0.00027	J	0.00025	J	0.00071	
Cl6-BZ#131	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl6-BZ#132/#168	MG/KG	0.00045	U	0.0028		0.0017		0.00063	J	0.00062	J	0.0015	
Cl6-BZ#134	MG/KG	0.00025	U	0.0014		0.00088		0.00035	J	0.00030	J	0.00065	
Cl6-BZ#135/#144	MG/KG	0.00089	U	0.0025		0.0017		0.00070	J	0.00053	J	0.0011	
Cl6-BZ#136	MG/KG	0.00045	U	0.0014		0.0011		0.00030	J	0.00025	J	0.00056	
Cl6-BZ#137	MG/KG	0.00045	U	0.00098		0.00056		0.00044	U	0.00044	U	0.00036	J
Cl6-BZ#138/#163	MG/KG	0.0024		0.013		0.0081		0.0031		0.0029		0.0065	
Cl6-BZ#141	MG/KG	0.00045	U	0.0011		0.00058		0.00024	J	0.00044	U	0.00041	J
Cl6-BZ#146	MG/KG	0.00090		0.0043		0.0031		0.0013		0.0012		0.0021	
Cl6-BZ#147	MG/KG	0.00045	U	0.0012		0.00083		0.00035	J	0.00022	J	0.00055	
Cl6-BZ#149	MG/KG	0.0016		0.012		0.0086		0.0028		0.0020		0.0048	
Cl6-BZ#151	MG/KG	0.00026	U	0.0012		0.00089		0.00034	J	0.00033	J	0.00054	
Cl6-BZ#153	MG/KG	0.0033		0.018		0.012		0.0046		0.0041		0.0084	
Cl6-BZ#154	MG/KG	0.00045	U	0.00067		0.00050		0.00044	U	0.00044	U	0.00028	J
Cl6-BZ#155	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl6-BZ#156	MG/KG	0.00045	U	0.0012		0.00064		0.00024	J	0.00031	J	0.00056	
Cl6-BZ#157	MG/KG	0.00045	U	0.00027	J	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl6-BZ#158	MG/KG	0.00045	U	0.00067		0.00039	J	0.00044	U	0.00044	U	0.00032	J
Cl6-BZ#167/#128	MG/KG	0.00051	J	0.0023		0.0015		0.00054	J	0.00059	J	0.0011	
Cl6-BZ#169	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#170/#190	MG/KG	0.00089	U	0.00081	J	0.00056	J	0.00087	U	0.00088	U	0.00086	U
Cl7-BZ#171	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#172	MG/KG	0.00045	U	0.00035	J	0.00029	J	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#173	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#174	MG/KG	0.00045	U	0.00083		0.00051		0.00044	U	0.00025	J	0.00042	J
Cl7-BZ#175	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#176	MG/KG	0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-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	Units	Sample#	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Area	II		II		II		II		II		II	
		Station	Station B		Station C		Station D		Station F		Station G		Station H	
		Sample Date	5/10/2010		5/11/2010		5/11/2010		5/11/2010		5/10/2010		5/11/2010	
Cl7-BZ#178	MG/KG		0.00045	U	0.00040	J	0.00033	J	0.00044	U	0.00044	U	0.00023	J
Cl7-BZ#180	MG/KG		0.00042	J	0.0022		0.0013		0.00052		0.00055		0.0011	
Cl7-BZ#182/#187	MG/KG		0.00049	J	0.0024		0.0016		0.00074	J	0.00066	J	0.0013	
Cl7-BZ#183	MG/KG		0.00045	U	0.00043	J	0.00030	J	0.00044	U	0.00044	U	0.00029	J
Cl7-BZ#184	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#185	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#188	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#189	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#191	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl7-BZ#193	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#194	MG/KG		0.00045	U	0.00047		0.00023	J	0.00044	U	0.00044	U	0.00033	J
Cl8-BZ#195	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#196/203	MG/KG		0.00089	U	0.00093	U	0.00089	U	0.00087	U	0.00088	U	0.00086	U
Cl8-BZ#197	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#199	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#200	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#201	MG/KG		0.00045	U	0.00035	J	0.00045	U	0.00044	U	0.00044	U	0.00027	J
Cl8-BZ#202	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl8-BZ#205	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl9-BZ#206	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl9-BZ#207	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl9-BZ#208	MG/KG		0.00045	U	0.00046	U	0.00045	U	0.00044	U	0.00044	U	0.00043	U
Cl10-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 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	
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
Cl1-BZ#1	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl1-BZ#3	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl2-BZ#4/#10	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl2-BZ#5/#8	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl2-BZ#6	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl2-BZ#7	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl2-BZ#12/#13	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl2-BZ#15	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl3-BZ#16/#32	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl3-BZ#17	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl3-BZ#18	MG/KG	0.00044	U	0.00032	J	0.00029	J	0.00046	U
Cl3-BZ#19	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl3-BZ#21/#33	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl3-BZ#22	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl3-BZ#24/#27	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl3-BZ#25	MG/KG	0.00044	U	0.00032	J	0.00038	J	0.00046	U
Cl3-BZ#26	MG/KG	0.00032	J	0.00073		0.00067		0.00040	J
Cl3-BZ#28/#31	MG/KG	0.0011		0.0015		0.0015		0.00088	J
Cl3-BZ#29	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl3-BZ#37	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#40	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#41/#71	MG/KG	0.00088	U	0.00090	U	0.00049	J	0.00092	U
Cl4-BZ#42	MG/KG	0.00044	U	0.00045	U	0.00031	J	0.00046	U
Cl4-BZ#43/#49	MG/KG	0.0010		0.0017		0.0020		0.0013	
Cl4-BZ#44	MG/KG	0.00048		0.00054		0.00064		0.00042	J
Cl4-BZ#45	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#46	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#47/#48	MG/KG	0.00069	J	0.00068	J	0.00091		0.00053	J
Cl4-BZ#50	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#51	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#52	MG/KG	0.0016		0.0021		0.0024		0.0014	
Cl4-BZ#53	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#54	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#56/#60	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl4-BZ#63	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#64	MG/KG	0.00024	J	0.00024	J	0.00035	J	0.00046	U
Cl4-BZ#66	MG/KG	0.00085		0.00071		0.0011		0.00057	
Cl4-BZ#70	MG/KG	0.00056		0.00066		0.00087		0.00052	
Cl4-BZ#74	MG/KG	0.00037	J	0.00037	J	0.00058		0.00038	J
Cl4-BZ#76	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-BZ#77	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl4-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	
Cl5-BZ#82	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#83	MG/KG	0.00044	U	0.00045	U	0.00025	J	0.00046	U
Cl5-BZ#85	MG/KG	0.00025	J	0.00024	J	0.00039	J	0.00046	U
Cl5-BZ#87	MG/KG	0.00052		0.00040	J	0.00066		0.00033	J
Cl5-BZ#89	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#91	MG/KG	0.00023	J	0.00037	J	0.00050		0.00028	J
Cl5-BZ#92	MG/KG	0.00060		0.00054		0.00098		0.00052	
Cl5-BZ#95	MG/KG	0.00086		0.00095		0.0013		0.00069	
Cl5-BZ#97	MG/KG	0.00042	J	0.00048		0.00066		0.00041	J
Cl5-BZ#99	MG/KG	0.0017		0.0019		0.0030		0.0016	
Cl5-BZ#100	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#101/#84	MG/KG	0.0024		0.0025		0.0036		0.0021	
Cl5-BZ#104	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#105	MG/KG	0.00042	J	0.00034	J	0.00054		0.00025	J
Cl5-BZ#107	MG/KG	0.00036	J	0.00037	J	0.00058		0.00028	J
Cl5-BZ#110	MG/KG	0.0014		0.0013		0.0026		0.0011	
Cl5-BZ#114	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#118	MG/KG	0.0016		0.0016		0.0026		0.0014	
Cl5-BZ#119	MG/KG	0.00044	U	0.00045	U	0.00032	J	0.00046	U
Cl5-BZ#123	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#124	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl5-BZ#126	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#129	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#130	MG/KG	0.00024	J	0.00023	J	0.00030	J	0.00046	U
Cl6-BZ#131	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#132/#168	MG/KG	0.00088	U	0.00090	U	0.00061	J	0.00092	U
Cl6-BZ#134	MG/KG	0.00044	U	0.00045	U	0.00034	J	0.00046	U
Cl6-BZ#135/#144	MG/KG	0.00088	U	0.00090	U	0.00049	J	0.00092	U
Cl6-BZ#136	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#137	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#138/#163	MG/KG	0.0017		0.0016		0.0032		0.0018	
Cl6-BZ#141	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#146	MG/KG	0.00068		0.00069		0.0011		0.00060	
Cl6-BZ#147	MG/KG	0.00044	U	0.00045	U	0.00024	J	0.00046	U
Cl6-BZ#149	MG/KG	0.0011		0.0012		0.0019		0.00098	
Cl6-BZ#151	MG/KG	0.00044	U	0.00045	U	0.00024	J	0.00046	U
Cl6-BZ#153	MG/KG	0.0020		0.0024		0.0038		0.0023	
Cl6-BZ#154	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#155	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#156	MG/KG	0.00044	U	0.00045	U	0.00025	J	0.00046	U
Cl6-BZ#157	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#158	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl6-BZ#167/#128	MG/KG	0.00088	U	0.00090	U	0.00056	J	0.00092	U
Cl6-BZ#169	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#170/#190	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl7-BZ#171	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#172	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#173	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#174	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#175	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#176	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-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	
Cl7-BZ#178	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#180	MG/KG	0.00031	J	0.00028	J	0.00052		0.00028	J
Cl7-BZ#182/#187	MG/KG	0.00088	U	0.00090	U	0.00061	J	0.00092	U
Cl7-BZ#183	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#184	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#185	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#188	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#189	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#191	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl7-BZ#193	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#194	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#195	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#196/203	MG/KG	0.00088	U	0.00090	U	0.00090	U	0.00092	U
Cl8-BZ#197	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#199	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#200	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#201	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#202	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl8-BZ#205	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl9-BZ#206	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl9-BZ#207	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl9-BZ#208	MG/KG	0.00044	U	0.00045	U	0.00045	U	0.00046	U
Cl10-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 Quahogs II Station B 8/9/2010		NBH10-SF-C-2 Quahogs II Station C 8/9/2010		NBH10-SF-D-2 Quahogs II Station D 8/9/2010		NBH10-SF-F-2 Quahogs II Station F 8/10/2010		NBH10-SF-G-2 Quahogs II Station G 8/9/2010		NBH10-SF-H-2 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
Cl1-BZ#1		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl1-BZ#3		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl2-BZ#4/#10		MG/KG	0.00090	U	0.00065	J	0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl2-BZ#5/#8		MG/KG	0.00090	U	0.0018		0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl2-BZ#6		MG/KG	0.00045	U	0.0013		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl2-BZ#7		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl2-BZ#12/#13		MG/KG	0.00090	U	0.00069	J	0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl2-BZ#15		MG/KG	0.00045	U	0.0011		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl3-BZ#16/#32		MG/KG	0.00090	U	0.0034		0.00087	U	0.00049	J	0.00086	U	0.00090	U
Cl3-BZ#17		MG/KG	0.00045	U	0.0029		0.00047		0.00041	J	0.00043	U	0.00041	J
Cl3-BZ#18		MG/KG	0.00036	J	0.0076		0.0010		0.0011		0.00029	J	0.0010	
Cl3-BZ#19		MG/KG	0.00045	U	0.00053		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl3-BZ#21/#33		MG/KG	0.00090	U	0.0023		0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl3-BZ#22		MG/KG	0.00045	U	0.0022		0.00035	J	0.00035	J	0.00043	U	0.00033	J
Cl3-BZ#24/#27		MG/KG	0.00090	U	0.0013		0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl3-BZ#25		MG/KG	0.00029	J	0.0065		0.0011		0.0011		0.00028	J	0.00093	
Cl3-BZ#26		MG/KG	0.00068		0.014		0.0023		0.0023		0.00063		0.0019	
Cl3-BZ#28/#31		MG/KG	0.0020		0.034		0.0056		0.0057		0.0016		0.0047	
Cl3-BZ#29		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl3-BZ#37		MG/KG	0.00045	U	0.0013		0.00027	J	0.00025	J	0.00043	U	0.00045	U
Cl4-BZ#40		MG/KG	0.00045	U	0.0016		0.00043	J	0.00044	U	0.00043	U	0.00041	J
Cl4-BZ#41/#71		MG/KG	0.00081	J	0.0079		0.0014		0.0011		0.00056	J	0.0014	
Cl4-BZ#42		MG/KG	0.00037	J	0.0028		0.00061		0.00050		0.00031	J	0.00059	
Cl4-BZ#43/#49		MG/KG	0.0025		0.027		0.0053		0.0042		0.0018		0.0050	
Cl4-BZ#44		MG/KG	0.0010		0.0085		0.0015		0.0013		0.00071		0.0016	
Cl4-BZ#45		MG/KG	0.00045	U	0.00090		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#46		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#47/#48		MG/KG	0.0014		0.013		0.0024		0.0024		0.00095		0.0022	
Cl4-BZ#50		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#51		MG/KG	0.00045	U	0.00066		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#52		MG/KG	0.0031		0.033		0.0066		0.0057		0.0021		0.0062	
Cl4-BZ#53		MG/KG	0.00045	U	0.0022		0.00036	J	0.00035	J	0.00043	U	0.00035	J
Cl4-BZ#54		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#56/#60		MG/KG	0.00055	J	0.0046		0.00097		0.00075	J	0.00086	U	0.00083	J
Cl4-BZ#63		MG/KG	0.00045	U	0.00099		0.00028	J	0.00044	U	0.00043	U	0.00023	J
Cl4-BZ#64		MG/KG	0.00042	J	0.0040		0.00076		0.00076		0.00022	J	0.00072	
Cl4-BZ#66		MG/KG	0.0019		0.010		0.0023		0.0020		0.0012		0.0021	
Cl4-BZ#70		MG/KG	0.0014		0.0093		0.0018		0.0016		0.00088		0.0016	
Cl4-BZ#74		MG/KG	0.00096		0.0076		0.0014		0.0013		0.00070		0.0013	
Cl4-BZ#76		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl4-BZ#77		MG/KG	0.00029	J	0.0012		0.00026	J	0.00031	J	0.00043	U	0.00029	J
Cl4-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 Quahogs II Station B 8/9/2010		NBH10-SF-C-2 Quahogs II Station C 8/9/2010		NBH10-SF-D-2 Quahogs II Station D 8/9/2010		NBH10-SF-F-2 Quahogs II Station F 8/10/2010		NBH10-SF-G-2 Quahogs II Station G 8/9/2010		NBH10-SF-H-2 Quahogs II Station H 8/9/2010	
Cl5-BZ#82		MG/KG	0.00045	U	0.00095		0.00025	J	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#83		MG/KG	0.00039	J	0.0014		0.00038	J	0.00036	J	0.00022	J	0.00046	
Cl5-BZ#85		MG/KG	0.00054		0.0022		0.00060		0.00038	J	0.00032	J	0.00063	
Cl5-BZ#87		MG/KG	0.00099		0.0060		0.0013		0.00099		0.00058		0.0014	
Cl5-BZ#89		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.0049		0.00043	U	0.00045	U
Cl5-BZ#91		MG/KG	0.00064		0.0048		0.0010		0.00075		0.00035	J	0.0010	
Cl5-BZ#92		MG/KG	0.0013		0.0065		0.0016		0.0013		0.00077		0.0016	
Cl5-BZ#95		MG/KG	0.0019		0.012		0.0025		0.0019		0.00096		0.0026	
Cl5-BZ#97		MG/KG	0.0011		0.0053		0.0012		0.0010		0.00060		0.0013	
Cl5-BZ#99		MG/KG	0.0044		0.021		0.0046		0.0041		0.0026		0.0047	
Cl5-BZ#100		MG/KG	0.00045	U	0.00070		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#101/#84		MG/KG	0.0060		0.027		0.0065		0.0050		0.0033		0.0064	
Cl5-BZ#104		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#105		MG/KG	0.00092		0.0046		0.00096		0.00080		0.00056		0.0010	
Cl5-BZ#107		MG/KG	0.00078		0.0026		0.00069		0.00069		0.00048		0.00071	
Cl5-BZ#110		MG/KG	0.0035		0.019		0.0042		0.0032		0.0021		0.0045	
Cl5-BZ#114		MG/KG	0.00045	U	0.00034	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#118		MG/KG	0.0047		0.020		0.0044		0.0037		0.0027		0.0044	
Cl5-BZ#119		MG/KG	0.00039	J	0.0023		0.00047		0.00045		0.00026	J	0.00053	
Cl5-BZ#123		MG/KG	0.0045		0.0010		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#124		MG/KG	0.00045	U	0.00074		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl5-BZ#126		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#129		MG/KG	0.00045	U	0.00046		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#130		MG/KG	0.00040	J	0.0014		0.00033	J	0.00034	J	0.00027	J	0.00043	J
Cl6-BZ#131		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#132/#168		MG/KG	0.00089	J	0.0034		0.00090		0.00060	J	0.00047	J	0.00097	
Cl6-BZ#134		MG/KG	0.00045	J	0.0016		0.00039	J	0.00037	J	0.00027	J	0.00049	
Cl6-BZ#135/#144		MG/KG	0.00069	J	0.0028		0.00072	J	0.00062	J	0.00086	U	0.00073	J
Cl6-BZ#136		MG/KG	0.00032	J	0.0016		0.00038	J	0.00024	J	0.00043	U	0.00034	J
Cl6-BZ#137		MG/KG	0.00045	U	0.0011		0.00024	J	0.00044	U	0.00043	U	0.00030	J
Cl6-BZ#138/#163		MG/KG	0.0048		0.017		0.0042		0.0036		0.0026		0.0048	
Cl6-BZ#141		MG/KG	0.00023	J	0.0012		0.00026	J	0.00044	U	0.00043	U	0.00030	J
Cl6-BZ#146		MG/KG	0.0016		0.0054		0.0014		0.0012		0.00095		0.0015	
Cl6-BZ#147		MG/KG	0.00025	J	0.0013		0.00034	J	0.00027	J	0.00043	U	0.00035	J
Cl6-BZ#149		MG/KG	0.0029		0.014		0.0032		0.0024		0.0015		0.0032	
Cl6-BZ#151		MG/KG	0.00043	J	0.0018		0.00041	J	0.00036	J	0.00043	U	0.00048	
Cl6-BZ#153		MG/KG	0.0064		0.022		0.0053		0.0046		0.0033		0.0056	
Cl6-BZ#154		MG/KG	0.00045	U	0.00084		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#155		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#156		MG/KG	0.00036	J	0.0016		0.00038	J	0.00025	J	0.00022	J	0.00040	J
Cl6-BZ#157		MG/KG	0.00045	U	0.00035	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl6-BZ#158		MG/KG	0.00045	U	0.0010		0.00026	J	0.00044	U	0.00043	U	0.00029	J
Cl6-BZ#167/#128		MG/KG	0.0010		0.0034		0.00092		0.00067	J	0.00056	J	0.00088	J
Cl6-BZ#169		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#170/#190		MG/KG	0.00090	U	0.0012		0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl7-BZ#171		MG/KG	0.00034	J	0.00026	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#172		MG/KG	0.00045	U	0.00043		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#173		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#174		MG/KG	0.00033	J	0.0010		0.00027	J	0.00044	U	0.00043	U	0.00027	J
Cl7-BZ#175		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#176		MG/KG	0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-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	Units	Sample#	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Area	II		II		II		II		II		II	
		Station	Station B		Station C		Station D		Station F		Station G		Station H	
		Sample Date	8/9/2010		8/9/2010		8/9/2010		8/10/2010		8/9/2010		8/9/2010	
Cl7-BZ#178	MG/KG		0.00023	J	0.00055		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#180	MG/KG		0.00087		0.0030		0.00070		0.00044		0.00044		0.00077	
Cl7-BZ#182/#187	MG/KG		0.00099		0.0032		0.00082	J	0.00063	J	0.00051	J	0.00083	J
Cl7-BZ#183	MG/KG		0.00045	U	0.00066		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#184	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#185	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#188	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#189	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#191	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl7-BZ#193	MG/KG		0.00045	U	0.00030	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#194	MG/KG		0.00023	J	0.00055		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#195	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#196/203	MG/KG		0.00090	U	0.00086	U	0.00087	U	0.00087	U	0.00086	U	0.00090	U
Cl8-BZ#197	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#199	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#200	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#201	MG/KG		0.00045	U	0.00053		0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#202	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl8-BZ#205	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl9-BZ#206	MG/KG		0.00045	U	0.00023	J	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl9-BZ#207	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl9-BZ#208	MG/KG		0.00045	U	0.00043	U	0.00043	U	0.00044	U	0.00043	U	0.00045	U
Cl10-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
Cl1-BZ#1		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl1-BZ#3		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl2-BZ#4/#10		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl2-BZ#5/#8		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl2-BZ#6		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl2-BZ#7		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl2-BZ#12/#13		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl2-BZ#15		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl3-BZ#16/#32		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl3-BZ#17		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl3-BZ#18		MG/KG	0.00026	J	0.00044	U	0.00035	J	0.00044	U
Cl3-BZ#19		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl3-BZ#21/#33		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl3-BZ#22		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl3-BZ#24/#27		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl3-BZ#25		MG/KG	0.00043	U	0.00044	U	0.00030	J	0.00044	U
Cl3-BZ#26		MG/KG	0.00043	U	0.00026	J	0.00061		0.00025	J
Cl3-BZ#28/#31		MG/KG	0.0011		0.00083	J	0.0016		0.00065	J
Cl3-BZ#29		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl3-BZ#37		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#40		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#41/#71		MG/KG	0.00086	U	0.00088	U	0.00051	J	0.00088	U
Cl4-BZ#42		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#43/#49		MG/KG	0.00090		0.00094		0.0016		0.0010	
Cl4-BZ#44		MG/KG	0.00048		0.00035	J	0.00058		0.00030	J
Cl4-BZ#45		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#46		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#47/#48		MG/KG	0.00067	J	0.0005	J	0.00079	J	0.00051	J
Cl4-BZ#50		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#51		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#52		MG/KG	0.0013		0.0011		0.0020		0.0012	
Cl4-BZ#53		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#54		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#56/#60		MG/KG	0.00053	J	0.00088	U	0.00088	U	0.00088	U
Cl4-BZ#63		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#64		MG/KG	0.00043	U	0.00044	U	0.00027	J	0.00044	U
Cl4-BZ#66		MG/KG	0.00079		0.00070		0.00085		0.00052	
Cl4-BZ#70		MG/KG	0.00068		0.00054		0.00070		0.00042	J
Cl4-BZ#74		MG/KG	0.00047		0.00034	J	0.00044		0.00027	J
Cl4-BZ#76		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-BZ#77		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl4-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	Units	Sample#	NBH10-SF-B-3		NBH10-SF-D-3		NBH10-SF-I-3		NBH10-SF-J-3	
		Species	Quahogs		Quahogs		Quahogs		Quahogs	
		Area	III		III		III		III	
		Station	Station B		Station D		Station I		Station J	
		Sample Date	8/10/2010		8/10/2010		8/9/2010		8/9/2010	
Cl5-BZ#82	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#83	MG/KG		0.00043	U	0.00044	U	0.00030	J	0.00044	U
Cl5-BZ#85	MG/KG		0.00028	J	0.00023	J	0.00035	J	0.00044	U
Cl5-BZ#87	MG/KG		0.00040	J	0.00026	J	0.00048		0.00039	J
Cl5-BZ#89	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#91	MG/KG		0.00025	J	0.00026	J	0.00035	J	0.00026	J
Cl5-BZ#92	MG/KG		0.00061		0.00039	J	0.00070		0.00045	
Cl5-BZ#95	MG/KG		0.00077		0.00051		0.00091		0.00062	
Cl5-BZ#97	MG/KG		0.00038	J	0.00034	J	0.00050		0.00036	J
Cl5-BZ#99	MG/KG		0.0015		0.0014		0.0019		0.0018	
Cl5-BZ#100	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#101/#84	MG/KG		0.0020		0.0018		0.0027		0.0020	
Cl5-BZ#104	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#105	MG/KG		0.00044		0.00028	J	0.00036	J	0.00025	J
Cl5-BZ#107	MG/KG		0.00031	J	0.00033	J	0.00035	J	0.00038	J
Cl5-BZ#110	MG/KG		0.0013		0.00098		0.0017		0.0011	
Cl5-BZ#114	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#118	MG/KG		0.0016		0.0013		0.0017		0.0015	
Cl5-BZ#119	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#123	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#124	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl5-BZ#126	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#129	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#130	MG/KG		0.00022	J	0.00044	U	0.00025	J	0.00044	U
Cl6-BZ#131	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#132/#168	MG/KG		0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl6-BZ#134	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#135/#144	MG/KG		0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl6-BZ#136	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#137	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#138/#163	MG/KG		0.0017		0.0015		0.0022		0.0019	
Cl6-BZ#141	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#146	MG/KG		0.00055		0.00059		0.00082		0.00067	
Cl6-BZ#147	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#149	MG/KG		0.00098		0.00084		0.0013		0.0010	
Cl6-BZ#151	MG/KG		0.00043	U	0.00044	U	0.00026	J	0.00044	U
Cl6-BZ#153	MG/KG		0.0017		0.0021		0.0024		0.0026	
Cl6-BZ#154	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#155	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#156	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#157	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#158	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl6-BZ#167/#128	MG/KG		0.00046	J	0.00088	U	0.00088	U	0.00088	U
Cl6-BZ#169	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#170/#190	MG/KG		0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl7-BZ#171	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#172	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#173	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#174	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#175	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#176	MG/KG		0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-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	
Cl7-BZ#178		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#180		MG/KG	0.00031	J	0.00025	J	0.00032	J	0.00032	J
Cl7-BZ#182/#187		MG/KG	0.00086	U	0.00088	U	0.00045	J	0.00088	U
Cl7-BZ#183		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#184		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#185		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#188		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#189		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#191		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl7-BZ#193		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#194		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#195		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#196/203		MG/KG	0.00086	U	0.00088	U	0.00088	U	0.00088	U
Cl8-BZ#197		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#199		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#200		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#201		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#202		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl8-BZ#205		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl9-BZ#206		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl9-BZ#207		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl9-BZ#208		MG/KG	0.00043	U	0.00044	U	0.00044	U	0.00044	U
Cl10-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

Parameter	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
Cl1-BZ#1	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl1-BZ#3	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl2-BZ#4/#10	MG/KG	0.00093	U	0.00092	J	0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
Cl2-BZ#5/#8	MG/KG	0.00093	U	0.0024		0.00091	UJ	0.00093	UJ	0.00090	U	0.00046	J
Cl2-BZ#6	MG/KG	0.00031	J	0.0016		0.00045	UJ	0.00046	UJ	0.00045	U	0.00031	J
Cl2-BZ#7	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl2-BZ#12/#13	MG/KG	0.00093	U	0.00077	J	0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
Cl2-BZ#15	MG/KG	0.00047	U	0.0012		0.00045	UJ	0.00046	UJ	0.00045	U	0.00030	J
Cl3-BZ#16/#32	MG/KG	0.00093	U	0.0042		0.00091	UJ	0.00093	UJ	0.00090	U	0.00074	J
Cl3-BZ#17	MG/KG	0.00033	J	0.0036		0.00045	UJ	0.00046	UJ	0.00045	U	0.00063	
Cl3-BZ#18	MG/KG	0.00075		0.010		0.00054	J	0.00059	J	0.00060		0.0018	
Cl3-BZ#19	MG/KG	0.00047	U	0.00081		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl3-BZ#21/#33	MG/KG	0.00093	U	0.0024		0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
Cl3-BZ#22	MG/KG	0.00047	U	0.0023		0.00045	UJ	0.00046	UJ	0.00045	U	0.00040	J
Cl3-BZ#24/#27	MG/KG	0.00093	U	0.0017		0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
Cl3-BZ#25	MG/KG	0.00049		0.0068		0.00047	J	0.00045	J	0.00046		0.0013	
Cl3-BZ#26	MG/KG	0.0011		0.014		0.0010	J	0.0011	J	0.00099		0.0031	
Cl3-BZ#28/#31	MG/KG	0.0023		0.034		0.0023	J	0.0024	J	0.0028		0.0064	
Cl3-BZ#29	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl3-BZ#37	MG/KG	0.00047	U	0.0012		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#40	MG/KG	0.00047	U	0.0018		0.00045	UJ	0.00046	UJ	0.00026	J	0.00050	
Cl4-BZ#41/#71	MG/KG	0.00063	J	0.0081		0.00052	J	0.00049	J	0.00073	J	0.0016	
Cl4-BZ#42	MG/KG	0.00038	J	0.0031		0.00026	J	0.00025	J	0.00036	J	0.00056	
Cl4-BZ#43/#49	MG/KG	0.0025		0.027		0.0019	J	0.0019	J	0.0025		0.0056	
Cl4-BZ#44	MG/KG	0.00085		0.0091		0.00059	J	0.00056	J	0.00097		0.0019	
Cl4-BZ#45	MG/KG	0.00047	U	0.0011		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#46	MG/KG	0.00047	U	0.00053		0.00045	UJ	0.00046	UJ	0.00045	U	0.0083	
Cl4-BZ#47/#48	MG/KG	0.0013		0.012		0.00089	J	0.00093	J	0.0016		0.0023	
Cl4-BZ#50	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#51	MG/KG	0.00047	U	0.00086		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#52	MG/KG	0.0030		0.035		0.0025	J	0.0028	J	0.0034		0.0075	
Cl4-BZ#53	MG/KG	0.00029	J	0.0028		0.00045	UJ	0.00046	UJ	0.00045	U	0.00052	
Cl4-BZ#54	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#56/#60	MG/KG	0.00093	U	0.0040		0.00091	UJ	0.00093	UJ	0.00049	J	0.00078	J
Cl4-BZ#63	MG/KG	0.00047	U	0.00075		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#64	MG/KG	0.00037	J	0.0043		0.00023	J	0.00027	J	0.00034	J	0.00074	
Cl4-BZ#66	MG/KG	0.0014		0.0092		0.00072	J	0.00067	J	0.0016		0.0018	
Cl4-BZ#70	MG/KG	0.0011		0.0083		0.00055	J	0.00054	J	0.0012		0.0016	
Cl4-BZ#74	MG/KG	0.00064		0.0062		0.00044	J	0.00039	J	0.00076		0.0013	
Cl4-BZ#76	MG/KG	0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl4-BZ#77	MG/KG	0.00047	UJ	0.00083		0.00045	UJ	0.00046	UJ	0.00045	U	0.00024	J
Cl4-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	Units	Sample#	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Area	II		II		II		II		II		II	
		Station	Station B		Station C		Station D		Station F		Station G		Station H	
		Sample Date	10/4/2010		10/4/2010		10/12/2010		10/4/2010		10/4/2010		10/5/2010	
Cl5-BZ#82	MG/KG		0.00047	U	0.00081		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#83	MG/KG		0.00047	U	0.00099		0.00045	UJ	0.00046	UJ	0.00023	J	0.00037	J
Cl5-BZ#85	MG/KG		0.00037	J	0.0020		0.00045	UJ	0.00046	UJ	0.00046		0.00047	
Cl5-BZ#87	MG/KG		0.00069		0.0054		0.00039	J	0.00033	J	0.00081		0.0012	
Cl5-BZ#89	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#91	MG/KG		0.00054		0.0044		0.00037	J	0.00032	J	0.00053		0.00096	
Cl5-BZ#92	MG/KG		0.00090		0.0054		0.00045	J	0.00052	J	0.00099		0.0015	
Cl5-BZ#95	MG/KG		0.0015		0.013		0.00081	J	0.00086	J	0.0017		0.0028	
Cl5-BZ#97	MG/KG		0.00072		0.0046		0.00041	J	0.00033	J	0.00073		0.0011	
Cl5-BZ#99	MG/KG		0.0030		0.015		0.0014	J	0.0014	J	0.0035		0.0039	
Cl5-BZ#100	MG/KG		0.00047	U	0.00057		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#101/#84	MG/KG		0.0040		0.025		0.0019	J	0.0020	J	0.0043		0.0061	
Cl5-BZ#104	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#105	MG/KG		0.00053		0.0033		0.00025	J	0.00046	UJ	0.00070		0.00076	
Cl5-BZ#107	MG/KG		0.00051		0.0016		0.00045	UJ	0.00046	UJ	0.00053		0.00046	
Cl5-BZ#110	MG/KG		0.0022		0.017		0.0012	J	0.0011	J	0.0025		0.0039	
Cl5-BZ#114	MG/KG		0.00047	U	0.00032	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#118	MG/KG		0.0028		0.014		0.0012	J	0.0010	J	0.0028		0.0035	
Cl5-BZ#119	MG/KG		0.00027	J	0.0016		0.00045	UJ	0.00046	UJ	0.00029	J	0.00048	
Cl5-BZ#123	MG/KG		0.00047	U	0.00072		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#124	MG/KG		0.00047	U	0.00056		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl5-BZ#126	MG/KG		0.00047	UJ	0.00046	UJ	0.00045	UJ	0.00046	UJ	0.00045	UJ	0.00045	UJ
Cl6-BZ#129	MG/KG		0.00047	U	0.00045	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl6-BZ#130	MG/KG		0.00026	J	0.0010		0.00045	UJ	0.00046	UJ	0.00026	J	0.00033	J
Cl6-BZ#131	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl6-BZ#132/#168	MG/KG		0.00052	J	0.0028		0.00091	UJ	0.00093	UJ	0.00063	J	0.00075	J
Cl6-BZ#134	MG/KG		0.00030	J	0.0012		0.00045	UJ	0.00046	UJ	0.00026	J	0.00036	J
Cl6-BZ#135/#144	MG/KG		0.00093	U	0.0023		0.00091	UJ	0.00093	UJ	0.00047	J	0.00066	J
Cl6-BZ#136	MG/KG		0.00047	U	0.0015		0.00045	UJ	0.00046	UJ	0.00027	J	0.00035	J
Cl6-BZ#137	MG/KG		0.00047	U	0.00075		0.00045	UJ	0.00046	UJ	0.00045	U	0.00023	J
Cl6-BZ#138/#163	MG/KG		0.0026		0.012		0.0011	J	0.0011	J	0.0029		0.0039	
Cl6-BZ#141	MG/KG		0.00047	U	0.0011		0.00045	UJ	0.00046	UJ	0.00045	U	0.00024	J
Cl6-BZ#146	MG/KG		0.00095		0.0033		0.00036	J	0.00049	J	0.0010		0.0011	
Cl6-BZ#147	MG/KG		0.00047	U	0.00095		0.00045	UJ	0.00046	UJ	0.00045	U	0.00029	J
Cl6-BZ#149	MG/KG		0.0018		0.011		0.00086	J	0.00085	J	0.0019		0.0029	
Cl6-BZ#151	MG/KG		0.00028	J	0.0015		0.00045	UJ	0.00046	UJ	0.00035	J	0.00042	J
Cl6-BZ#153	MG/KG		0.0035		0.015		0.0014	J	0.0013	J	0.0039		0.0042	
Cl6-BZ#154	MG/KG		0.00047	U	0.00061		0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl6-BZ#155	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl6-BZ#156	MG/KG		0.00047	U	0.00099		0.00045	UJ	0.00046	UJ	0.00045	U	0.00027	J
Cl6-BZ#157	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl6-BZ#158	MG/KG		0.00047	U	0.00073		0.00045	UJ	0.00046	UJ	0.00045	U	0.00027	J
Cl6-BZ#167/#128	MG/KG		0.00051	J	0.0022		0.00091	UJ	0.00093	UJ	0.00062	J	0.00071	J
Cl6-BZ#169	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#170/#190	MG/KG		0.00093	UJ	0.00068	J	0.00091	UJ	0.00093	UJ	0.00090	UJ	0.00091	UJ
Cl7-BZ#171	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#172	MG/KG		0.00047	U	0.00027	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#173	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#174	MG/KG		0.00047	U	0.00082		0.00045	UJ	0.00046	UJ	0.00045	U	0.00024	J
Cl7-BZ#175	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#176	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-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	Units	Sample#	NBH10-SF-B-2		NBH10-SF-C-2		NBH10-SF-D-2		NBH10-SF-F-2		NBH10-SF-G-2		NBH10-SF-H-2	
		Species	Quahogs		Quahogs		Quahogs		Quahogs		Quahogs		Quahogs	
		Area	II		II		II		II		II		II	
		Station	Station B		Station C		Station D		Station F		Station G		Station H	
		Sample Date	10/4/2010		10/4/2010		10/12/2010		10/4/2010		10/4/2010		10/5/2010	
Cl7-BZ#178	MG/KG		0.00047	U	0.00040	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#180	MG/KG		0.00048		0.0022		0.00045	UJ	0.00046	UJ	0.00058		0.00063	
Cl7-BZ#182/#187	MG/KG		0.00050	J	0.0020		0.00091	UJ	0.00093	UJ	0.00051	J	0.00063	J
Cl7-BZ#183	MG/KG		0.00047	U	0.00038	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#184	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#185	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#188	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#189	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#191	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl7-BZ#193	MG/KG		0.00047	U	0.00024	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#194	MG/KG		0.00047	U	0.00036	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#195	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#196/203	MG/KG		0.00093	U	0.00092	U	0.00091	UJ	0.00093	UJ	0.00090	U	0.00091	U
Cl8-BZ#197	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#199	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#200	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#201	MG/KG		0.00047	U	0.00033	J	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#202	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl8-BZ#205	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl9-BZ#206	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl9-BZ#207	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl9-BZ#208	MG/KG		0.00047	U	0.00046	U	0.00045	UJ	0.00046	UJ	0.00045	U	0.00045	U
Cl10-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
Cl1-BZ#1	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl1-BZ#3	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl2-BZ#4/#10	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl2-BZ#5/#8	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl2-BZ#6	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl2-BZ#7	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl2-BZ#12/#13	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl2-BZ#15	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#16/#32	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl3-BZ#17	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#18	MG/KG	0.00025	J	0.00026	J	0.00027	J	0.00044	UJ
Cl3-BZ#19	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#21/#33	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl3-BZ#22	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#24/#27	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl3-BZ#25	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#26	MG/KG	0.00028	J	0.00036	J	0.00040	J	0.00044	UJ
Cl3-BZ#28/#31	MG/KG	0.0011		0.00093	J	0.00081	J	0.00088	UJ
Cl3-BZ#29	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl3-BZ#37	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#40	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#41/#71	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl4-BZ#42	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#43/#49	MG/KG	0.0011		0.0011	J	0.0014	J	0.00088	UJ
Cl4-BZ#44	MG/KG	0.00052		0.00039	J	0.00053	J	0.00044	UJ
Cl4-BZ#45	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#46	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#47/#48	MG/KG	0.00074	J	0.00058	J	0.00065	J	0.00088	UJ
Cl4-BZ#50	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#51	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#52	MG/KG	0.0015		0.0013	J	0.0016	J	0.00037	J
Cl4-BZ#53	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#54	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#56/#60	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl4-BZ#63	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#64	MG/KG	0.00024	J	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#66	MG/KG	0.00088		0.00061	J	0.00072	J	0.00044	UJ
Cl4-BZ#70	MG/KG	0.00062		0.00046	J	0.00055	J	0.00044	UJ
Cl4-BZ#74	MG/KG	0.00041	J	0.00032	J	0.00034	J	0.00044	UJ
Cl4-BZ#76	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-BZ#77	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl4-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	
Cl5-BZ#82	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#83	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#85	MG/KG	0.00028	J	0.00045	UJ	0.00024	J	0.00044	UJ
Cl5-BZ#87	MG/KG	0.00046		0.00027	J	0.00051	J	0.00044	UJ
Cl5-BZ#89	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#91	MG/KG	0.00026	J	0.00045	UJ	0.00033	J	0.00044	UJ
Cl5-BZ#92	MG/KG	0.00065		0.00037	J	0.00066	J	0.00044	UJ
Cl5-BZ#95	MG/KG	0.00083		0.00063	J	0.00087	J	0.00027	J
Cl5-BZ#97	MG/KG	0.00051		0.00039	J	0.00046	J	0.00044	UJ
Cl5-BZ#99	MG/KG	0.0019		0.0014	J	0.0019	J	0.00046	J
Cl5-BZ#100	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#101/#84	MG/KG	0.0024		0.0018	J	0.0026	J	0.00060	J
Cl5-BZ#104	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#105	MG/KG	0.00046		0.00024	J	0.00035	J	0.00044	UJ
Cl5-BZ#107	MG/KG	0.00036	J	0.00025	J	0.00039	J	0.00044	UJ
Cl5-BZ#110	MG/KG	0.0014		0.0011	J	0.0016	J	0.00033	J
Cl5-BZ#114	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#118	MG/KG	0.0017		0.0013	J	0.0016	J	0.00032	J
Cl5-BZ#119	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#123	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#124	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl5-BZ#126	MG/KG	0.00045	UJ	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#129	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#130	MG/KG	0.00045	U	0.00045	UJ	0.00024	J	0.00044	UJ
Cl6-BZ#131	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#132/#168	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl6-BZ#134	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#135/#144	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl6-BZ#136	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#137	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#138/#163	MG/KG	0.0020		0.0015	J	0.0025	J	0.00060	J
Cl6-BZ#141	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#146	MG/KG	0.00065		0.00051	J	0.00080	J	0.00024	J
Cl6-BZ#147	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#149	MG/KG	0.0011		0.00086	J	0.0013	J	0.00031	J
Cl6-BZ#151	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#153	MG/KG	0.0023		0.0018	J	0.0026	J	0.00058	J
Cl6-BZ#154	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#155	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#156	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#157	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#158	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl6-BZ#167/#128	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl6-BZ#169	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#170/#190	MG/KG	0.00091	UJ	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl7-BZ#171	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#172	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#173	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#174	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#175	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#176	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-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	
Cl7-BZ#178	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#180	MG/KG	0.00037	J	0.00026	J	0.00044	J	0.00044	UJ
Cl7-BZ#182/#187	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl7-BZ#183	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#184	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#185	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#188	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#189	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#191	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl7-BZ#193	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#194	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#195	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#196/203	MG/KG	0.00091	U	0.00091	UJ	0.00087	UJ	0.00088	UJ
Cl8-BZ#197	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#199	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#200	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#201	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#202	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl8-BZ#205	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl9-BZ#206	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl9-BZ#207	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl9-BZ#208	MG/KG	0.00045	U	0.00045	UJ	0.00044	UJ	0.00044	UJ
Cl10-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2-Scup		NBH10-FF-C-2		NBH10-FF-D-2-Scup		NBH10-FF-E-2-Scup	
		Species	Scup		Scup		Scup		Scup		Scup	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/9/2010		6/9/2010		6/7/2010		6/7/2010		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
Cl1-BZ#1	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl1-BZ#3	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl2-BZ#4/#10	MG/KG		0.00091	UJ	0.00093	UJ	0.00050	J	0.00092	UJ	0.00087	UJ
Cl2-BZ#5/#8	MG/KG		0.00091	UJ	0.00093	UJ	0.00050	J	0.00092	UJ	0.00087	UJ
Cl2-BZ#6	MG/KG		0.00045	UJ	0.00047	UJ	0.00056	J	0.00025	J	0.00043	UJ
Cl2-BZ#7	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl2-BZ#12/#13	MG/KG		0.00091	UJ	0.00093	UJ	0.00095	UJ	0.00092	UJ	0.00087	UJ
Cl2-BZ#15	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl3-BZ#16/#32	MG/KG		0.00091	UJ	0.00093	UJ	0.0011	J	0.00073	J	0.00046	J
Cl3-BZ#17	MG/KG		0.00048	J	0.00040	J	0.0035	J	0.0011	J	0.00055	J
Cl3-BZ#18	MG/KG		0.00075	J	0.00065	J	0.0040	J	0.0018	J	0.0011	J
Cl3-BZ#19	MG/KG		0.00045	UJ	0.00047	UJ	0.00035	J	0.00046	UJ	0.00043	UJ
Cl3-BZ#21/#33	MG/KG		0.00091	UJ	0.00093	UJ	0.00051	J	0.00092	UJ	0.00087	UJ
Cl3-BZ#22	MG/KG		0.00030	J	0.00047	UJ	0.00057	J	0.00035	J	0.00022	J
Cl3-BZ#24/#27	MG/KG		0.00091	UJ	0.00093	UJ	0.00095	UJ	0.00092	UJ	0.00087	UJ
Cl3-BZ#25	MG/KG		0.00042	J	0.00042	J	0.0013	J	0.00068	J	0.00047	J
Cl3-BZ#26	MG/KG		0.0017	J	0.0015	J	0.0079	J	0.0029	J	0.0018	J
Cl3-BZ#28/#31	MG/KG		0.0038	J	0.0027	J	0.028	J	0.0056	J	0.0036	J
Cl3-BZ#29	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl3-BZ#37	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#40	MG/KG		0.00045	UJ	0.00041	J	0.00051	J	0.00044	J	0.00043	UJ
Cl4-BZ#41/#71	MG/KG		0.0036	J	0.0055	J	0.020	J	0.0088	J	0.0048	J
Cl4-BZ#42	MG/KG		0.00052	J	0.0020	J	0.0020	J	0.0017	J	0.0014	J
Cl4-BZ#43/#49	MG/KG		0.0097	J	0.022	J	0.070	J	0.028	J	0.016	J
Cl4-BZ#44	MG/KG		0.0019	J	0.0024	J	0.0034	J	0.0027	J	0.0023	J
Cl4-BZ#45	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00027	J	0.00043	UJ
Cl4-BZ#46	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#47/#48	MG/KG		0.0063	J	0.013	J	0.045	J	0.017	J	0.011	J
Cl4-BZ#50	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#51	MG/KG		0.00045	UJ	0.00047	UJ	0.00054	J	0.00024	J	0.00043	UJ
Cl4-BZ#52	MG/KG		0.012	J	0.022	J	0.064	J	0.027	J	0.017	J
Cl4-BZ#53	MG/KG		0.00045	UJ	0.00047	UJ	0.00037	J	0.00025	J	0.00043	UJ
Cl4-BZ#54	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#56/#60	MG/KG		0.0016	J	0.0020	J	0.0087	J	0.0035	J	0.0019	J
Cl4-BZ#63	MG/KG		0.00081	J	0.0013	J	0.0039	J	0.0017	J	0.0010	J
Cl4-BZ#64	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#66	MG/KG		0.0098	J	0.016	J	0.045	J	0.019	J	0.013	J
Cl4-BZ#70	MG/KG		0.00055	J	0.00037	J	0.00051	J	0.00054	J	0.00043	J
Cl4-BZ#74	MG/KG		0.0056	J	0.0088	J	0.039	J	0.013	J	0.0083	J
Cl4-BZ#76	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-BZ#77	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl4-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2-Scup		NBH10-FF-C-2		NBH10-FF-D-2-Scup		NBH10-FF-E-2-Scup	
		Species	Scup		Scup		Scup		Scup		Scup	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/9/2010		6/9/2010		6/7/2010		6/7/2010		6/7/2010	
Cl5-BZ#82	MG/KG		0.00024	J	0.00087	J	0.00048	UJ	0.00065	J	0.00047	J
Cl5-BZ#83	MG/KG		0.00035	J	0.00038	J	0.00048	UJ	0.00043	J	0.00032	J
Cl5-BZ#85	MG/KG		0.0036	J	0.0098	J	0.0095	J	0.011	J	0.0053	J
Cl5-BZ#87	MG/KG		0.0051	J	0.013	J	0.013	J	0.015	J	0.0075	J
Cl5-BZ#89	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl5-BZ#91	MG/KG		0.0025	J	0.0067	J	0.0079	J	0.0054	J	0.0041	J
Cl5-BZ#92	MG/KG		0.0027	J	0.0040	J	0.0022	J	0.0030	J	0.0025	J
Cl5-BZ#95	MG/KG		0.0042	J	0.0074	J	0.0098	J	0.0078	J	0.0046	J
Cl5-BZ#97	MG/KG		0.0045	J	0.015	J	0.015	J	0.015	J	0.0080	J
Cl5-BZ#99	MG/KG		0.029	J	0.072	J	0.098	J	0.072	J	0.047	J
Cl5-BZ#100	MG/KG		0.00043	J	0.0013	J	0.0020	J	0.0012	J	0.00089	J
Cl5-BZ#101/#84	MG/KG		0.030	J	0.072	J	0.095	J	0.075	J	0.046	J
Cl5-BZ#104	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl5-BZ#105	MG/KG		0.0089	J	0.015	J	0.030	J	0.020	J	0.011	J
Cl5-BZ#107	MG/KG		0.0040	J	0.0077	J	0.0085	J	0.0076	J	0.0050	J
Cl5-BZ#110	MG/KG		0.0084	J	0.021	J	0.022	J	0.021	J	0.013	J
Cl5-BZ#114	MG/KG		0.00039	J	0.00078	J	0.0020	J	0.00094	J	0.00064	J
Cl5-BZ#118	MG/KG		0.044	J	0.081	J	0.15	J	0.089	J	0.058	J
Cl5-BZ#119	MG/KG		0.0016	J	0.0048	J	0.0074	J	0.0045	J	0.0028	J
Cl5-BZ#123	MG/KG		0.0011	J	0.0019	J	0.0040	J	0.0022	J	0.0015	J
Cl5-BZ#124	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl5-BZ#126	MG/KG		0.00045	UJ	0.00036	J	0.00043	J	0.00046	UJ	0.00043	UJ
Cl6-BZ#129	MG/KG		0.00045	UJ	0.00068	J	0.00035	J	0.00052	J	0.00036	J
Cl6-BZ#130	MG/KG		0.0012	J	0.0029	J	0.0014	J	0.0020	J	0.0016	J
Cl6-BZ#131	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00048	J	0.00043	UJ
Cl6-BZ#132/#168	MG/KG		0.0012	J	0.0018	J	0.0012	J	0.0017	J	0.0015	J
Cl6-BZ#134	MG/KG		0.00065	J	0.00099	J	0.00052	J	0.00080	J	0.00074	J
Cl6-BZ#135/#144	MG/KG		0.0010	J	0.0018	J	0.0015	J	0.0021	J	0.0012	J
Cl6-BZ#136	MG/KG		0.00059	J	0.0011	J	0.00089	J	0.0011	J	0.00071	J
Cl6-BZ#137	MG/KG		0.0021	J	0.0042	J	0.0062	J	0.0050	J	0.0025	J
Cl6-BZ#138/#163	MG/KG		0.038	J	0.089	J	0.077	J	0.090	J	0.049	J
Cl6-BZ#141	MG/KG		0.0012	J	0.0030	J	0.0021	J	0.0027	J	0.0016	J
Cl6-BZ#146	MG/KG		0.013	J	0.023	J	0.030	J	0.023	J	0.016	J
Cl6-BZ#147	MG/KG		0.0015	J	0.0039	J	0.0044	J	0.0034	J	0.0023	J
Cl6-BZ#149	MG/KG		0.010	J	0.028	J	0.022	J	0.023	J	0.016	J
Cl6-BZ#151	MG/KG		0.0018	J	0.0034	J	0.0024	J	0.0027	J	0.0020	J
Cl6-BZ#153	MG/KG		0.087	J	0.13	J	0.23	J	0.15	J	0.10	J
Cl6-BZ#154	MG/KG		0.0010	J	0.0030	J	0.0033	J	0.0026	J	0.0020	J
Cl6-BZ#155	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl6-BZ#156	MG/KG		0.0043	J	0.0072	J	0.012	J	0.0084	J	0.0047	J
Cl6-BZ#157	MG/KG		0.0011	J	0.0016	J	0.0025	J	0.0018	J	0.0012	J
Cl6-BZ#158	MG/KG		0.0034	J	0.0077	J	0.0094	J	0.0097	J	0.0044	J
Cl6-BZ#167/#128	MG/KG		0.012	J	0.022	J	0.027	J	0.024	J	0.014	J
Cl6-BZ#169	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl7-BZ#170/#190	MG/KG		0.0053	J	0.0088	J	0.011	J	0.010	J	0.0052	J
Cl7-BZ#171	MG/KG		0.0011	J	0.0024	J	0.0023	J	0.0027	J	0.0015	J
Cl7-BZ#172	MG/KG		0.00070	J	0.0011	J	0.0012	J	0.0010	J	0.00063	J
Cl7-BZ#173	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl7-BZ#174	MG/KG		0.00046	J	0.00078	J	0.00034	J	0.00064	J	0.00053	J
Cl7-BZ#175	MG/KG		0.00030	J	0.00040	J	0.00052	J	0.00047	J	0.00032	J
Cl7-BZ#176	MG/KG		0.00045	UJ	0.00036	J	0.00029	J	0.00037	J	0.00029	J
Cl7-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	Units	Sample#	NBH10-FF-A-2		NBH10-FF-B-2-Scup		NBH10-FF-C-2		NBH10-FF-D-2-Scup		NBH10-FF-E-2-Scup	
		Species	Scup		Scup		Scup		Scup		Scup	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/9/2010		6/9/2010		6/7/2010		6/7/2010		6/7/2010	
Cl7-BZ#178	MG/KG		0.00056	J	0.00080	J	0.00063	J	0.00059	J	0.00055	J
Cl7-BZ#180	MG/KG		0.010	J	0.014	J	0.023	J	0.017	J	0.0091	J
Cl7-BZ#182/#187	MG/KG		0.0084	J	0.013	J	0.017	J	0.012	J	0.0084	J
Cl7-BZ#183	MG/KG		0.0039	J	0.0051	J	0.0088	J	0.0069	J	0.0040	J
Cl7-BZ#184	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl7-BZ#185	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl7-BZ#188	MG/KG		0.00045	UJ	0.00047	UJ	0.00026	J	0.00046	UJ	0.00043	UJ
Cl7-BZ#189	MG/KG		0.00036	J	0.00055	J	0.00078	J	0.00057	J	0.00036	J
Cl7-BZ#191	MG/KG		0.00032	J	0.00037	J	0.00074	J	0.00052	J	0.00035	J
Cl7-BZ#193	MG/KG		0.00059	J	0.00092	J	0.0011	J	0.00088	J	0.00064	J
Cl8-BZ#194	MG/KG		0.0017	J	0.0021	J	0.0031	J	0.0025	J	0.0014	J
Cl8-BZ#195	MG/KG		0.00038	J	0.00074	J	0.00080	J	0.00088	J	0.00045	J
Cl8-BZ#196/203	MG/KG		0.0021	J	0.0023	J	0.0038	J	0.0028	J	0.0017	J
Cl8-BZ#197	MG/KG		0.00045	UJ	0.00047	UJ	0.00026	J	0.00046	UJ	0.00043	UJ
Cl8-BZ#199	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl8-BZ#200	MG/KG		0.00041	J	0.00039	J	0.00057	J	0.00046	J	0.00037	J
Cl8-BZ#201	MG/KG		0.0011	J	0.0014	J	0.0011	J	0.00096	J	0.00092	J
Cl8-BZ#202	MG/KG		0.00032	J	0.00040	J	0.00045	J	0.00033	J	0.00035	J
Cl8-BZ#205	MG/KG		0.00045	UJ	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00043	UJ
Cl9-BZ#206	MG/KG		0.0012	J	0.00097	J	0.0014	J	0.0012	J	0.00082	J
Cl9-BZ#207	MG/KG		0.00026	J	0.00047	UJ	0.00048	UJ	0.00046	UJ	0.00024	J
Cl9-BZ#208	MG/KG		0.00033	J	0.00033	J	0.00035	J	0.00046	UJ	0.00032	J
Cl10-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 Scup III Station A 6/29/2010		NBH10-FF-B-3-Scup Scup III Station B 6/21/2010		NBH10-FF-C-3 Scup III Station C 6/11/2010		NBH10-FF-D-3-Scup Scup III Station D 6/21/2010		NBH10-FF-E-3 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
Cl1-BZ#1		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl1-BZ#3		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl2-BZ#4/#10		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl2-BZ#5/#8		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl2-BZ#6		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl2-BZ#7		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl2-BZ#12/#13		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl2-BZ#15		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl3-BZ#16/#32		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl3-BZ#17		MG/KG	0.00047	UJ	0.00045	UJ	0.00031	J	0.00046	UJ	0.00045	UJ
Cl3-BZ#18		MG/KG	0.00047	UJ	0.00028	J	0.00052	J	0.00033	J	0.00045	UJ
Cl3-BZ#19		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl3-BZ#21/#33		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl3-BZ#22		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl3-BZ#24/#27		MG/KG	0.00095	UJ	0.00090	UJ	0.00092	UJ	0.00092	UJ	0.00090	UJ
Cl3-BZ#25		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl3-BZ#26		MG/KG	0.00027	J	0.00034	J	0.00080	J	0.00036	J	0.00045	UJ
Cl3-BZ#28/#31		MG/KG	0.00074	J	0.0012	J	0.0017	J	0.00082	J	0.00050	J
Cl3-BZ#29		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl3-BZ#37		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#40		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#41/#71		MG/KG	0.00072	J	0.0010	J	0.0019	J	0.00090	J	0.00050	J
Cl4-BZ#42		MG/KG	0.00047	UJ	0.00025	J	0.00054	J	0.00024	J	0.00045	UJ
Cl4-BZ#43/#49		MG/KG	0.0024	J	0.0033	J	0.0058	J	0.0030	J	0.0016	J
Cl4-BZ#44		MG/KG	0.00032	J	0.00070	J	0.00091	J	0.00054	J	0.00030	J
Cl4-BZ#45		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#46		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#47/#48		MG/KG	0.0020	J	0.0024	J	0.0045	J	0.0019	J	0.0013	J
Cl4-BZ#50		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#51		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#52		MG/KG	0.0022	J	0.0031	J	0.0062	J	0.0028	J	0.0016	J
Cl4-BZ#53		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#54		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#56/#60		MG/KG	0.00095	UJ	0.00052	J	0.00083	J	0.00092	UJ	0.00090	UJ
Cl4-BZ#63		MG/KG	0.00047	UJ	0.00025	J	0.00047	J	0.00046	UJ	0.00045	UJ
Cl4-BZ#64		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#66		MG/KG	0.0028	J	0.0032	J	0.0061	J	0.0024	J	0.0016	J
Cl4-BZ#70		MG/KG	0.00047	UJ	0.00029	J	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#74		MG/KG	0.0015	J	0.0016	J	0.0033	J	0.0012	J	0.00084	J
Cl4-BZ#76		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-BZ#77		MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl4-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 Scup III Station A 6/29/2010		NBH10-FF-B-3-Scup Scup III Station B 6/21/2010		NBH10-FF-C-3 Scup III Station C 6/11/2010		NBH10-FF-D-3-Scup Scup III Station D 6/21/2010		NBH10-FF-E-3 Scup III Station E 6/21/2010	
Cl5-BZ#82	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl5-BZ#83	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl5-BZ#85	MG/KG	0.0014	J	0.0017	J	0.0026	J	0.0012	J	0.00088	J
Cl5-BZ#87	MG/KG	0.0014	J	0.0018	J	0.0030	J	0.0015	J	0.00082	J
Cl5-BZ#89	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl5-BZ#91	MG/KG	0.00054	J	0.00094	J	0.0015	J	0.00085	J	0.00044	J
Cl5-BZ#92	MG/KG	0.00048	J	0.00094	J	0.0012	J	0.00065	J	0.00035	J
Cl5-BZ#95	MG/KG	0.00085	J	0.0014	J	0.0020	J	0.0013	J	0.00071	J
Cl5-BZ#97	MG/KG	0.0017	J	0.0024	J	0.0036	J	0.0019	J	0.0011	J
Cl5-BZ#99	MG/KG	0.013	J	0.015	J	0.022	J	0.010	J	0.0074	J
Cl5-BZ#100	MG/KG	0.00047	UJ	0.00029	J	0.00038	J	0.00046	UJ	0.00045	UJ
Cl5-BZ#101/#84	MG/KG	0.011	J	0.013	J	0.020	J	0.011	J	0.0071	J
Cl5-BZ#104	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl5-BZ#105	MG/KG	0.0026	J	0.0027	J	0.0051	J	0.0019	J	0.0015	J
Cl5-BZ#107	MG/KG	0.0018	J	0.0018	J	0.0027	J	0.0012	J	0.0010	J
Cl5-BZ#110	MG/KG	0.0020	J	0.0027	J	0.0056	J	0.0028	J	0.0013	J
Cl5-BZ#114	MG/KG	0.00047	UJ	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
Cl5-BZ#118	MG/KG	0.016	J	0.016	J	0.028	J	0.012	J	0.0090	J
Cl5-BZ#119	MG/KG	0.00060	J	0.00084	J	0.0013	J	0.00056	J	0.00034	J
Cl5-BZ#123	MG/KG	0.00038	J	0.00042	J	0.00073	J	0.00037	J	0.00026	J
Cl5-BZ#124	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl5-BZ#126	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl6-BZ#129	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl6-BZ#130	MG/KG	0.00040	J	0.00058	J	0.00085	J	0.00043	J	0.00029	J
Cl6-BZ#131	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl6-BZ#132/#168	MG/KG	0.00095	UJ	0.00053	J	0.00067	J	0.00051	J	0.00090	UJ
Cl6-BZ#134	MG/KG	0.00047	UJ	0.00030	J	0.00037	J	0.00029	J	0.00045	UJ
Cl6-BZ#135/#144	MG/KG	0.00095	UJ	0.00090	UJ	0.00057	J	0.00092	UJ	0.00090	UJ
Cl6-BZ#136	MG/KG	0.00047	UJ	0.00023	J	0.00033	J	0.00046	UJ	0.00045	UJ
Cl6-BZ#137	MG/KG	0.00065	J	0.00070	J	0.0012	J	0.00043	J	0.00039	J
Cl6-BZ#138/#163	MG/KG	0.017	J	0.018	J	0.027	J	0.012	J	0.0096	J
Cl6-BZ#141	MG/KG	0.00045	J	0.00044	J	0.00067	J	0.00038	J	0.00024	J
Cl6-BZ#146	MG/KG	0.0054	J	0.0052	J	0.0087	J	0.0034	J	0.0031	J
Cl6-BZ#147	MG/KG	0.00055	J	0.00058	J	0.0011	J	0.00055	J	0.00037	J
Cl6-BZ#149	MG/KG	0.0035	J	0.0048	J	0.0072	J	0.0041	J	0.0023	J
Cl6-BZ#151	MG/KG	0.00057	J	0.00073	J	0.00096	J	0.00054	J	0.00032	J
Cl6-BZ#153	MG/KG	0.032	J	0.030	J	0.052	J	0.020	J	0.016	J
Cl6-BZ#154	MG/KG	0.00060	J	0.00071	J	0.00092	J	0.00047	J	0.00036	J
Cl6-BZ#155	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl6-BZ#156	MG/KG	0.0014	J	0.0014	J	0.0023	J	0.00092	J	0.00082	J
Cl6-BZ#157	MG/KG	0.00041	J	0.00039	J	0.00066	J	0.00025	J	0.00045	UJ
Cl6-BZ#158	MG/KG	0.0011	J	0.0013	J	0.0019	J	0.00092	J	0.00074	J
Cl6-BZ#167/#128	MG/KG	0.0043	J	0.0045	J	0.0071	J	0.0029	J	0.0025	J
Cl6-BZ#169	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#170/#190	MG/KG	0.0023	J	0.0020	J	0.0032	J	0.0013	J	0.0012	J
Cl7-BZ#171	MG/KG	0.00065	J	0.00059	J	0.00084	J	0.00038	J	0.00040	J
Cl7-BZ#172	MG/KG	0.00033	J	0.00025	J	0.00040	J	0.00026	J	0.00045	UJ
Cl7-BZ#173	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#174	MG/KG	0.00047	UJ	0.00025	J	0.00024	J	0.00046	UJ	0.00045	UJ
Cl7-BZ#175	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#176	MG/KG	0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-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	Units	Sample#	NBH10-FF-A-3		NBH10-FF-B-3-Scup		NBH10-FF-C-3		NBH10-FF-D-3-Scup		NBH10-FF-E-3	
		Species	Scup		Scup		Scup		Scup		Scup	
		Area	III		III		III		III		III	
		Station	Station A		Station B		Station C		Station D		Station E	
		Sample Date	6/29/2010		6/21/2010		6/11/2010		6/21/2010		6/21/2010	
Cl7-BZ#178	MG/KG		0.00026	J	0.00035	J	0.00037	J	0.00023	J	0.00045	UJ
Cl7-BZ#180	MG/KG		0.0045	J	0.0031	J	0.0056	J	0.0024	J	0.0020	J
Cl7-BZ#182/#187	MG/KG		0.0041	J	0.0035	J	0.0051	J	0.0026	J	0.0023	J
Cl7-BZ#183	MG/KG		0.0018	J	0.0014	J	0.0024	J	0.00098	J	0.00087	J
Cl7-BZ#184	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#185	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#188	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#189	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#191	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl7-BZ#193	MG/KG		0.00028	J	0.00045	UJ	0.00040	J	0.00046	UJ	0.00045	UJ
Cl8-BZ#194	MG/KG		0.0010	J	0.00063	J	0.00099	J	0.00060	J	0.00043	J
Cl8-BZ#195	MG/KG		0.00047	UJ	0.00045	UJ	0.00030	J	0.00046	UJ	0.00045	UJ
Cl8-BZ#196/203	MG/KG		0.0010	J	0.00074	J	0.0012	J	0.00060	J	0.00048	J
Cl8-BZ#197	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl8-BZ#199	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl8-BZ#200	MG/KG		0.00047	UJ	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
Cl8-BZ#201	MG/KG		0.00049	J	0.00053	J	0.00078	J	0.00048	J	0.00037	J
Cl8-BZ#202	MG/KG		0.00031	J	0.00045	UJ	0.00029	J	0.00046	UJ	0.00045	UJ
Cl8-BZ#205	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl9-BZ#206	MG/KG		0.00082	J	0.00048	J	0.00069	J	0.00044	J	0.00042	J
Cl9-BZ#207	MG/KG		0.00047	UJ	0.00045	UJ	0.00046	UJ	0.00046	UJ	0.00045	UJ
Cl9-BZ#208	MG/KG		0.00026	J	0.00045	UJ	0.00025	J	0.00046	UJ	0.00045	UJ
Cl10-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 (*MarineFisheries*) 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 *MarineFisheries*' 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

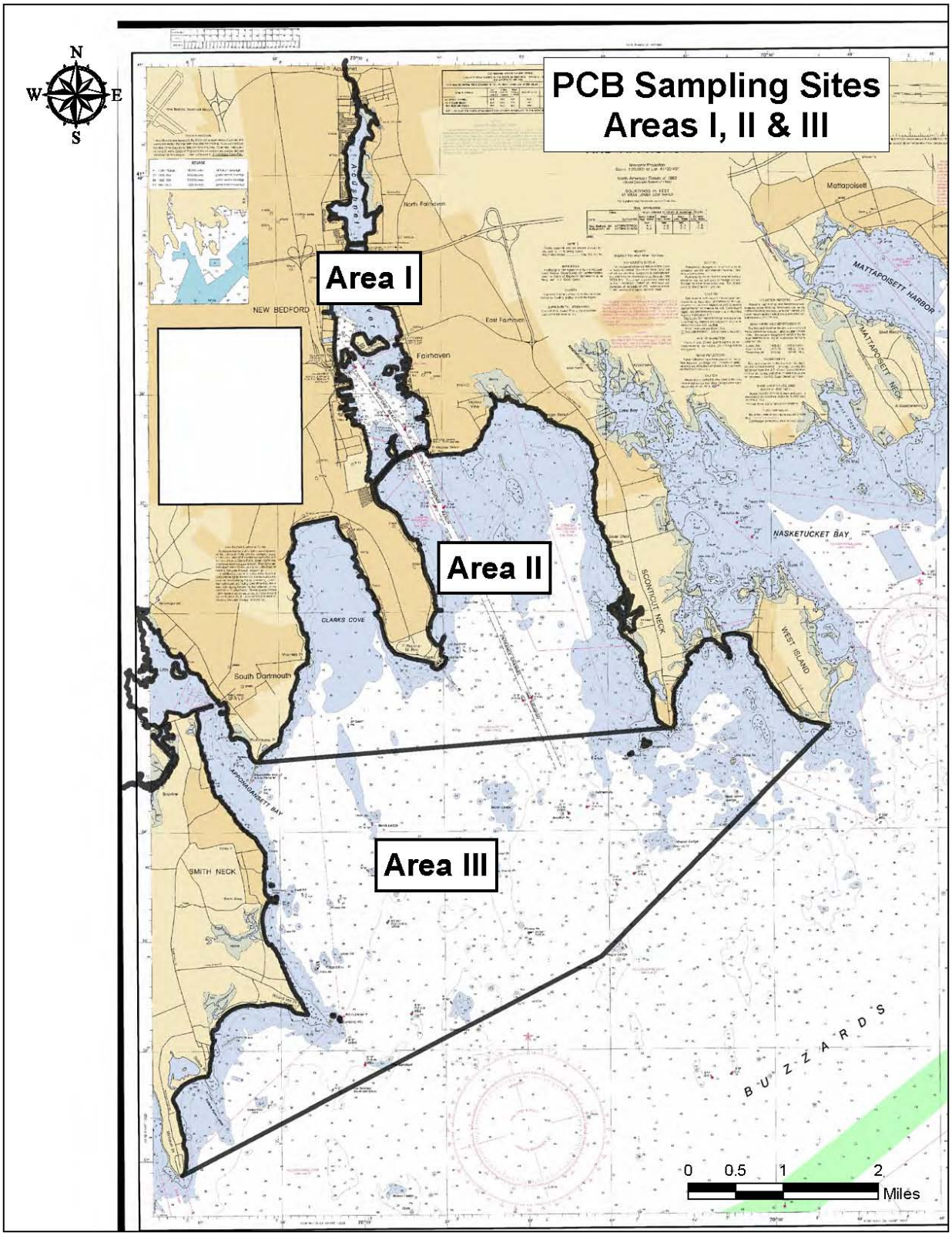


Figure 1 PCB Sample Areas I to III

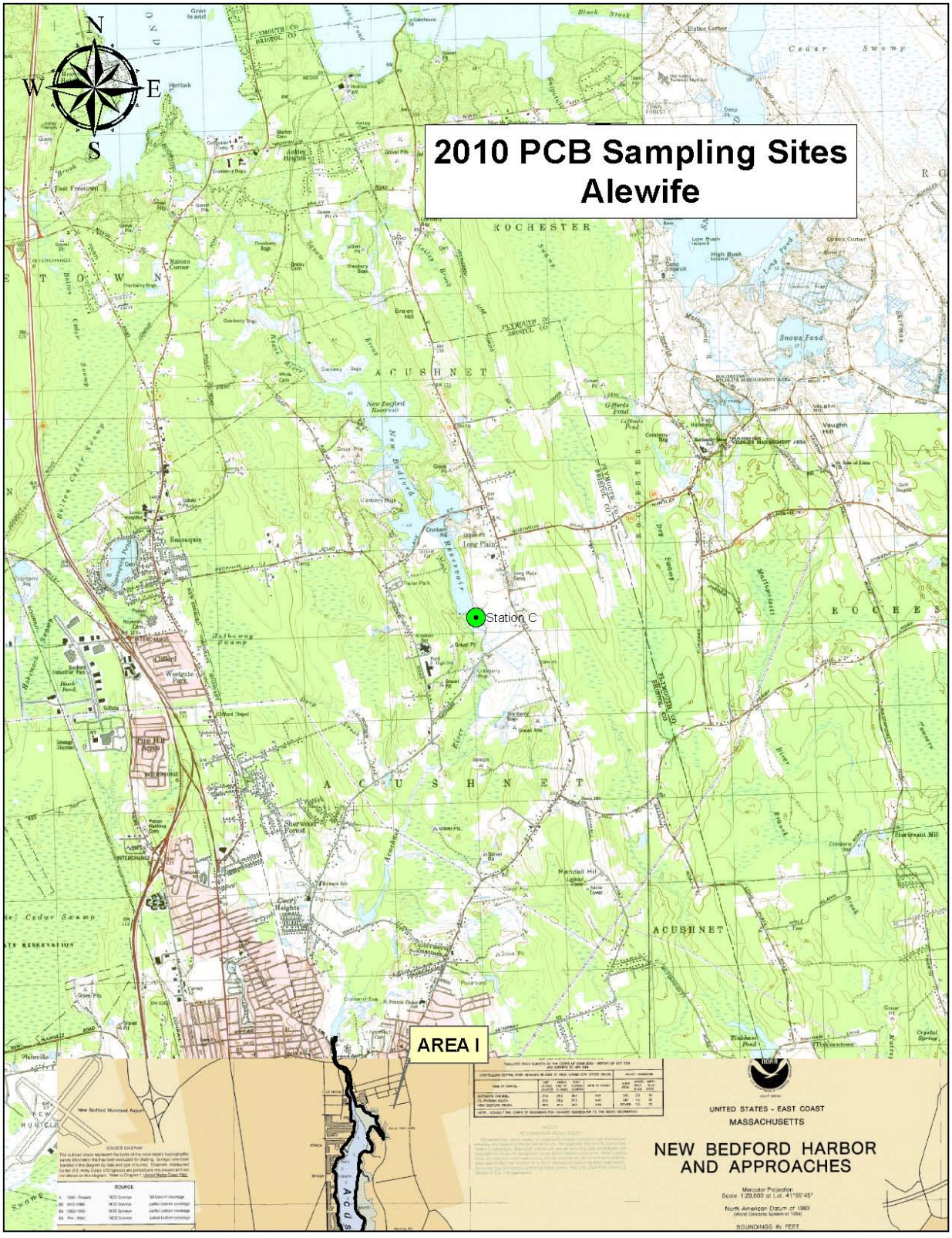


Figure 2 Alewife Area I

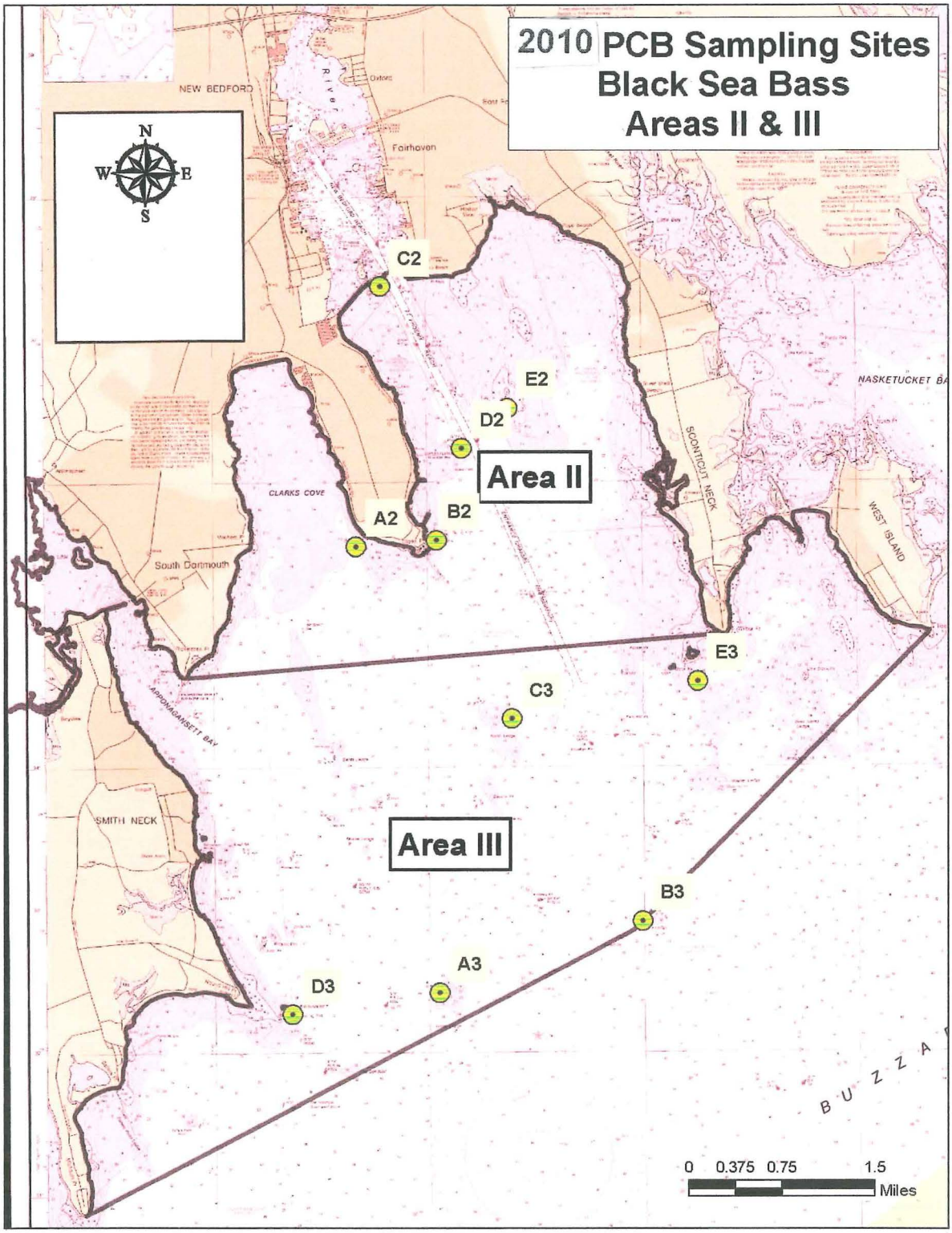


Figure 3 Black Sea Bass Area II & III

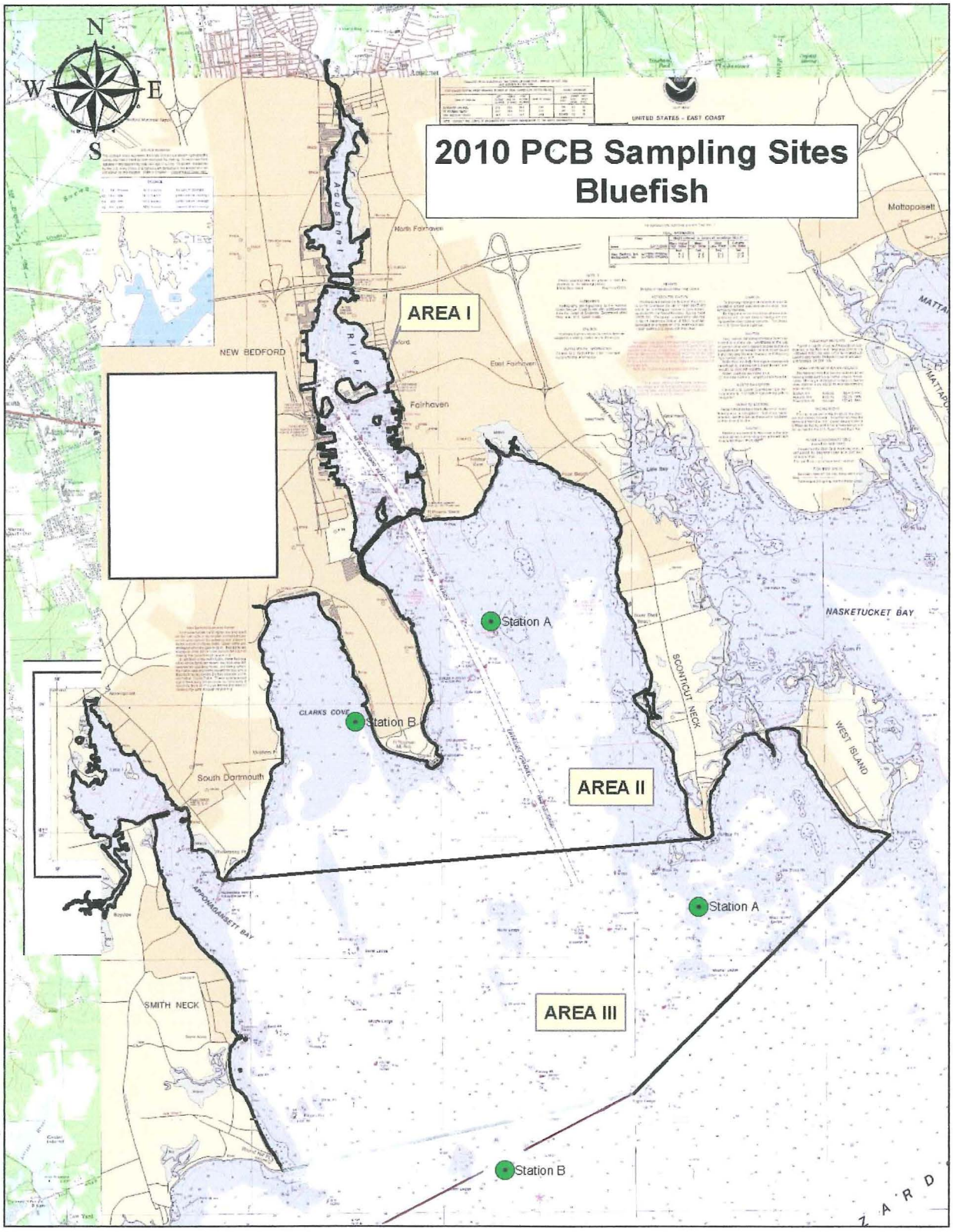


Figure 4 Bluefish Area II & III

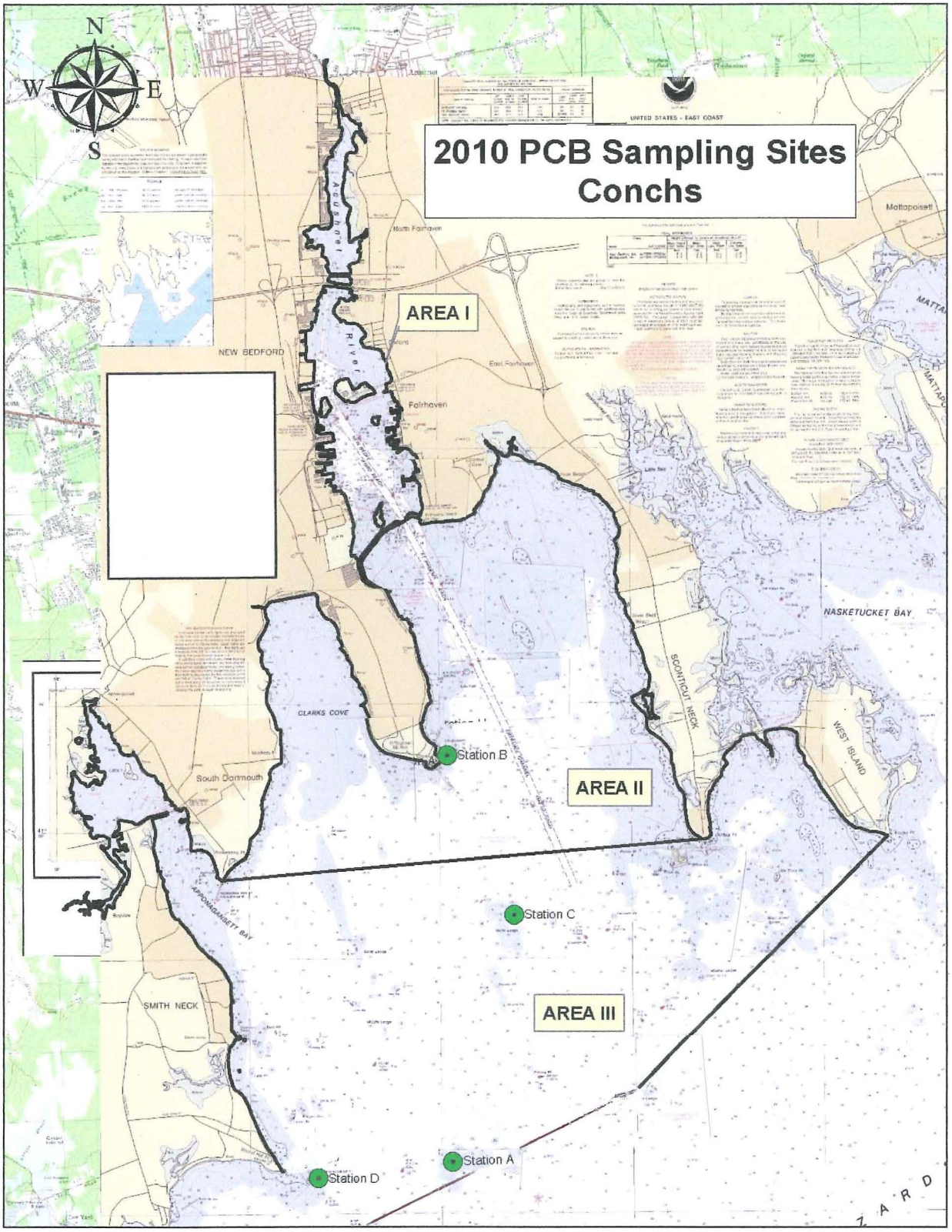


Figure 5 Conch (Channeled & Knobbed Whelk) Area II & III

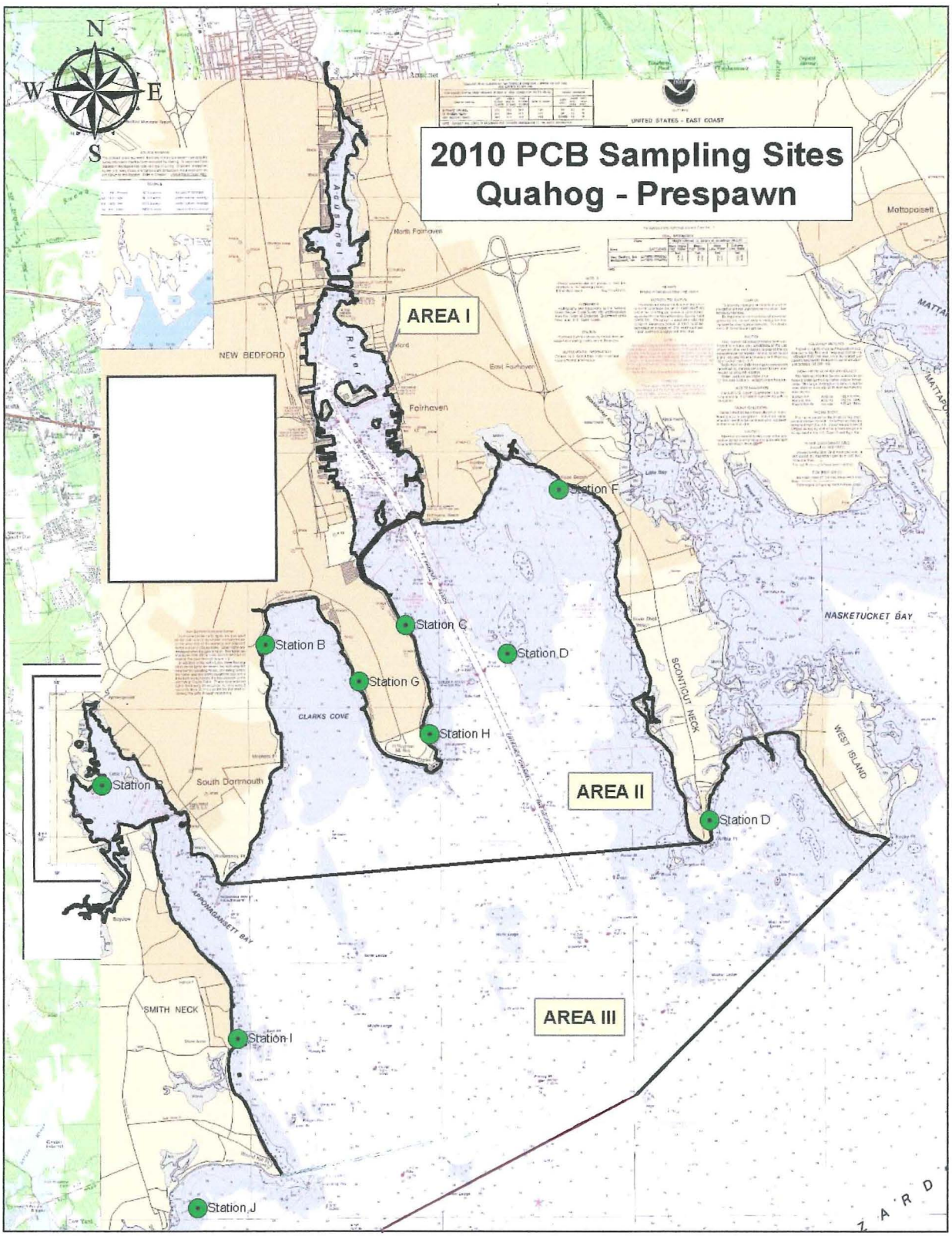


Figure 6 Quahog (Pre-spawn) Area II, & III

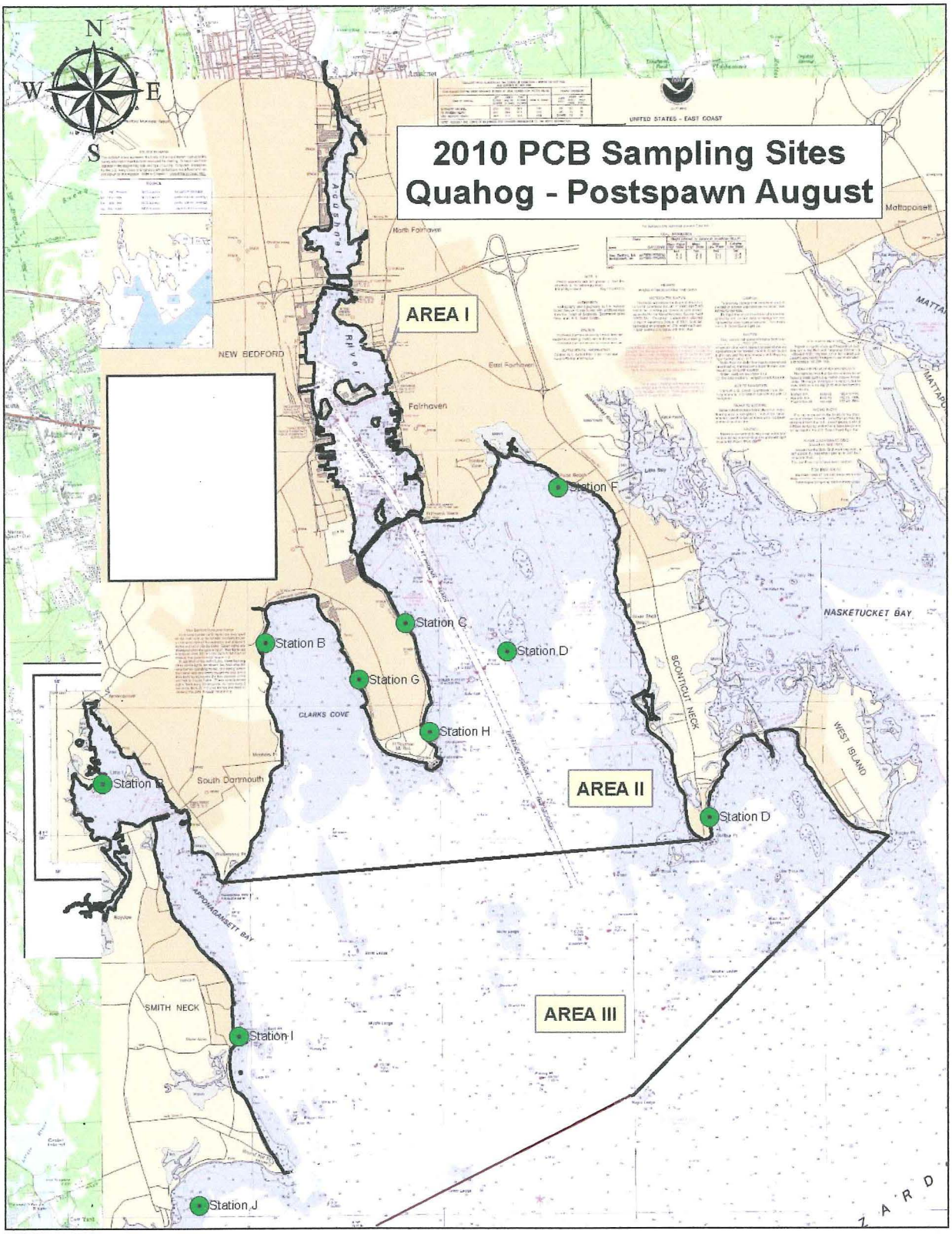


Figure 7 Quahog (Post-spawn August) Area II, & III

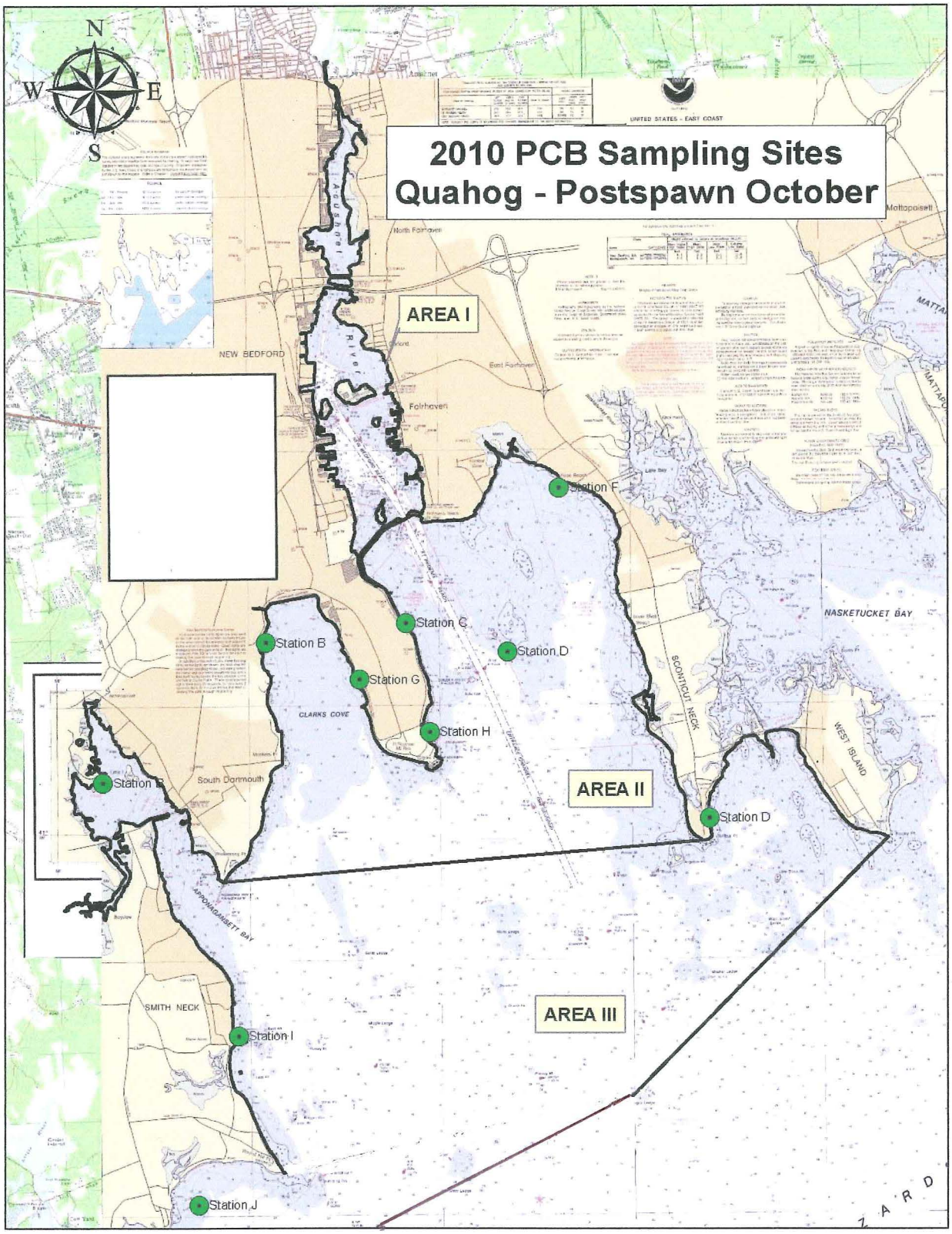


Figure 8 Quahog (Post-spawn October) Area II, & III

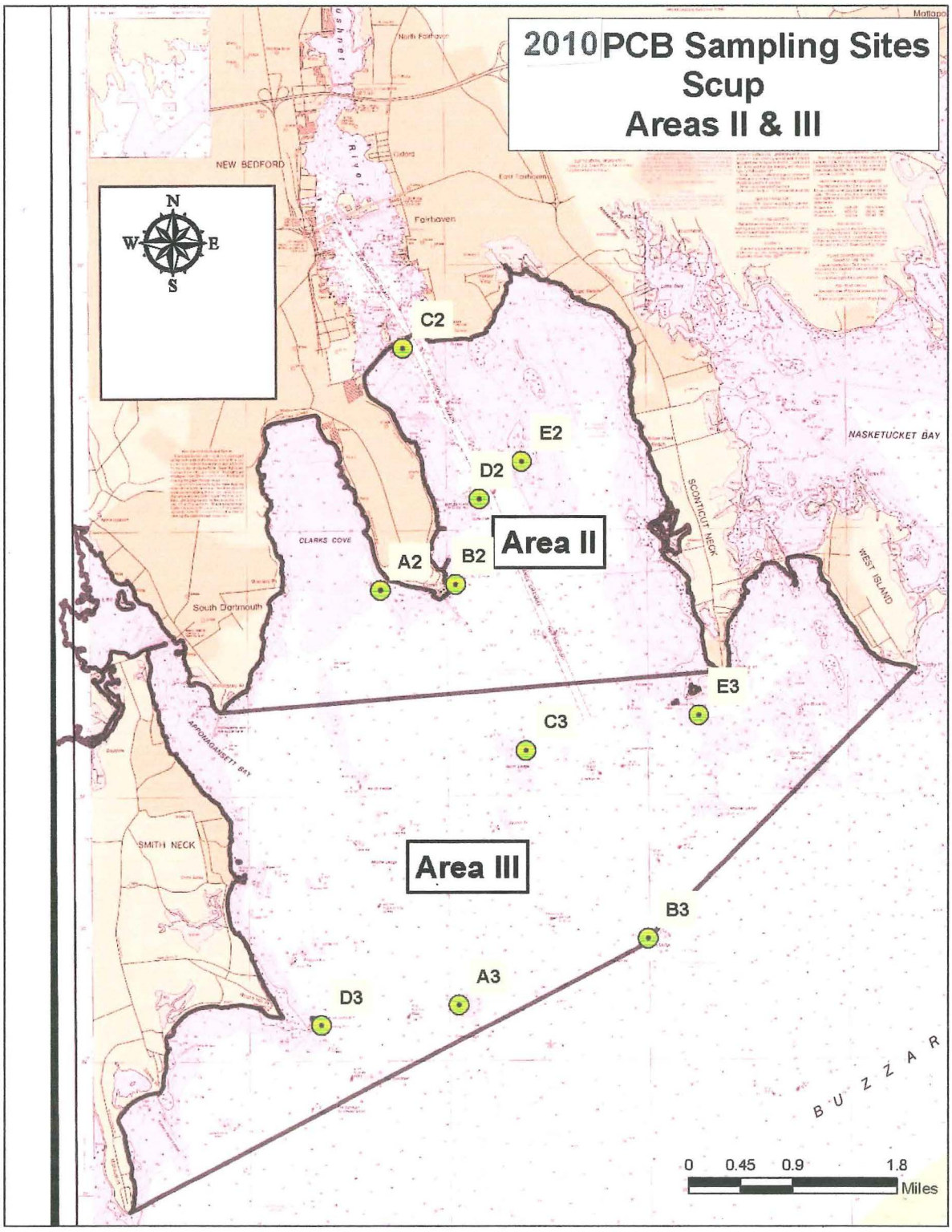


Figure 9 Scup Area II & III

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 CONDITION: FRESH ____ FROZEN X SAMPLE

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	041º 43.724' 070º 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 CONDITION: FRESH ____ FROZEN X SAMPLE

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	041º 36.640' 070º 53.468'	Rod & Reel	
6/18/2010	NBH10-FF-B-2	5 Bluefish	Station B Clarks Cove	NBH Area 2	041º 35.857' 070º 54.888'	Rod & Reel	
6/18/2010	NBH10-FF-A-3	5 Bluefish	Station A S. of Sconticut Neck	NBH Area 3	041º 34.390' 070º 51.319'	Rod & Reel	
7/7/2010	NBH10-FF-B-3	4 Bluefish	Station B Near Great Ledge	NBH Area 3	041º 32.330' 070º 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 CONDITION: FRESH ____ FROZEN X

SAMPLE

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	041º 34.341' 070º 53.234'	Fish Pots	
06/07/10	NBH10-FF-E-2	5 Black Sea Bass	Station E Egg Island	NBH Area 2	041º 36.523' 070º 53.258'	Fish Pots	
06/07/10	NBH10-FF-D-2	5 Black Sea Bass	Station D Butler Flat Light	NBH Area 2	041º 36.242' 070º 53.683'	Fish Pots	
06/09/10	NBH10-FF-C-2	5 Black Sea Bass	Station C W of Opening	NBH Area 2	041º 37.380' 070º 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	041º 35.596' 070º 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	041º 35.556' 070º 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	041º 31.591' 070º 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	041º 32.922' 070º 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	041º 32.281' 070º 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	41º 34.711' 070º 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 CONDITION: FRESH ____ FROZEN X

SAMPLE

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	41º 37.380' 070º 54.430'	Diver	
11/1/2010	NBH10-SF-A-3	6 Whelk	Station A Great Ledge	NBH Area 3	41º 31.591' 070º 56.110'	Diver	
11/1/2010	NBH10-SF-C-3	12 Whelk	Station C North Ledge	NBH Area 3	41º 34.341' 070º 53.234'	Diver	
11/1/2010	NBH10-SF-D-3	4 Whelk	Station D Radome	NBH Area 3	41º 32.281' 070º 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 CONDITION: FRESH ____ FROZEN X

SAMPLE

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 (Prespawn)	Station B Rogers Street	NBH Area 2	041º 36.500' 070º 55.820'	Rake	
05/11/10	NBH10-SF-C-2	13 Quahogs(Prespawn)	Station C S of Fredrick St Ramp	NBH Area 2	041º 36.650' 070º 54.345'	Rake	
05/11/10	NBH10-SF-D-2	12 Quahogs (Prespawn)	Station D Egg Island	NBH Area 2	041º 36.422 070º 53.290'	Rake	
05/11/10	NBH10-SF-F-2	12 Quahogs (Prespawn)	Station F Priest's Cove	NBH Area 2	041º 37.700' 070º 52.740'	Rake	
05/10/10	NBH10-SF-G -2	12 Quahogs (Prespawn)	Station G W Rodney Family Area	NBH Area 2	041º 36.205' 070º 54.842'	Rake	
05/11/10	NBH10-SF-H -2	12 Quahogs (Prespawn)	Station H E Rodney Family Area	NBH Area 2	041º 35.790' 070º 54.108'	Rake	
05/11/10	NBH10-SF-B-3	12 Quahogs (Prespawn)	Station B Star of the Sea	NBH Area 3	041º 35.410' 070º 57.524'	Rake	
05/10/10	NBH10-SF-D-3	13 Quahogs (Prespawn)	Station D Nakata Beach	NBH Area 3	041º 35.102' 070º 51.192'	Dive	
05/10/10	NBH10-SF-I-3	12 Quahogs (Prespawn)	Station I Nonquit	NBH Area 3	041º 33.415' 070º 56.128'	Dive	
05/10/10	NBH10-SF-J-3	13 Quahogs (Prespawn)	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 CONDITION: FRESH ____ FROZEN X

SAMPLE

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	041º 36.500' 070º 55.820'	Dive	
08/09/10	NBH10-SF-C-2	13 Quahogs (Postspawn)	Station C S of Fredrick St Ramp	NBH Area 2	041º 36.650' 070º 54.345'	Rake	
08/09/10	NBH10-SF-D-2	12 Quahogs (Postspawn)	Station D Egg Island	NBH Area 2	041º 36.422 070º 53.290'	Dive	
08/10/10	NBH10-SF-F-2	14 Quahogs (Postspawn)	Station F Priest's Cove	NBH Area 2	041º 37.700' 070º 52.740'	Rake	
08/09/10	NBH10-SF-G -2	15 Quahogs (Postspawn)	Station G W Rodney Family Area	NBH Area 2	041º 36.205' 070º 54.842'	Dive	
08/09/10	NBH10-SF-H -2	12 Quahogs (Postspawn)	Station H E Rodney Family Area	NBH Area 2	041º 35.790' 070º 54.108'	Rake	
08/10/10	NBH10-SF-B-3	12 Quahogs (Postspawn)	Station B Star of the Sea	NBH Area 3	041º 35.410' 070º 57.524'	Rake	
08/10/10	NBH10-SF-D-3	13 Quahogs (Postspawn)	Station D Nakata Beach	NBH Area 3	041º 35.102' 070º 51.192'	Rake	
08/09/10	NBH10-SF-I-3	12 Quahogs (Postspawn)	Station I Nonquit	NBH Area 3	041º 33.415' 070º 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 CONDITION: FRESH ____ FROZEN X SAMPLE

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	041º 36.500' 070º 55.820'	Dive	
10/4/2010	NBH10-SF-C-2	13 Quahogs (Postspawn)	Station C S of Fredrick St Ramp	NBH Area 2	041º 36.650' 070º 54.345'	Rake	
10/12/2010	NBH10-SF-D-2	12 Quahogs (Postspawn)	Station D Egg Island	NBH Area 2	041º 36.422 070º 53.290'	Dive	
10/4/2010	NBH10-SF-F-2	14 Quahogs (Postspawn)	Station F Priest's Cove	NBH Area 2	041º 37.700' 070º 52.740'	Rake	
10/4/2010	NBH10-SF-G -2	15 Quahogs (Postspawn)	Station G W Rodney Family Area	NBH Area 2	041º 36.205' 070º 54.842'	Dive	
10/5/2010	NBH10-SF-H -2	12 Quahogs (Postspawn)	Station H E Rodney Family Area	NBH Area 2	041º 35.790' 070º 54.108'	Rake	
10/4/2010	NBH10-SF-B-3	12 Quahogs (Postspawn)	Station B Star of the Sea	NBH Area 3	041º 35.410' 070º 57.524'	Rake	
10/4/2010	NBH10-SF-D-3	13 Quahogs (Postspawn)	Station D Nakata Beach	NBH Area 3	041º 35.102' 070º 51.192'	Rake	
10/7/2010	NBH10-SF-I-3	12 Quahogs (Postspawn)	Station I Nonquit	NBH Area 3	041º 33.415' 070º 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 CONDITION: FRESH ____ FROZEN X SAMPLE

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	041º 37.380' 070º 54.430'	Fish Pots	
06/7/10	NBH10-FF-D-2	5 Scup	Station D Butler Flat Light	NBH Area 2	041º 36.242' 070º 53.683'	Fish Pots	
06/7/10	NBH10-FF-E-2	5 Scup	Station E Egg Island Rocks	NBH Area 2	041º 36.523' 070º 53.258'	Fish Pots	
06/09/10	NBH10-FF-B-2	5 Scup	Station B E of Fort Rodman	NBH Area 2	041º 35.596' 070º 53.922'	Fish Pots	
06/09/10	NBH10-FF-A-2	5 Scup	Station A SMAST Pier	NBH Area 2	041º 35.556' 070º 54.669'	Fish Pots	
06/11/10	NBH10-FF-C-3	5 Scup	Station C North Ledge	NBH Area 3	041º 34.341' 070º 53.234'	Fish Pots	
06/29/10	NBH10-FF-A-3	5 Scup	Station A Great Ledge	NBH Area 3	041º 31.591' 070º 56.110'	Fish Pots	
06/21/10	NBH10-FF-B-3	5 Scup	Station B Negro Ledge	NBH Area 3	041º 32.922' 070º 52.023'	Fish Pots	
06/21/10	NBH10-FF-D-3	5 Scup	Station D Radome	NBH Area 3	041º 32.281' 070º 55.292'	Fish Pots	
06/21/10	NBH10-FF-E-3	5 Scup	Station E Packet Rock	NBH Area 3	41º 34.711' 070º 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	41º 43.724' / 070º 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	41º 35.556' / 070º 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)	41º 35.596' / 070º 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	41º 37.380' / 070º 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	41º 36.242' / 070º 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	41º 36.523' / 070º 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	41º 31.591' / 070º 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	41º 32.922' / 070º 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	41º 34.341' / 070º 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	41º 32.281' / 070º 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	41º 34.711' / 070º 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	41º 36.640' / 070º 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	41º 35.857' / 070º 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	41º 34.390' / 070º 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	41º 32.330' / 070º 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	41º 35.556' / 070º 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)	41º 35.596' / 070º 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	41º 37.380' / 070º 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	41º 36.242' / 070º 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	41º 36.523' / 070º 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	41º 31.591' / 070º 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	41º 32.922' / 070º 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	41º 34.341' / 070º 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	41º 32.281' / 070º 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	41º 34.711' / 070º 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

MACTEC

engineering and constructing a better tomorrow

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,

MACTEC Engineering and Consulting, Inc.
511 Congress Street, • Portland, ME 04112-7050 • Phone: 207-775-5401 • Fax: 207-772-4762
www.mactec.com

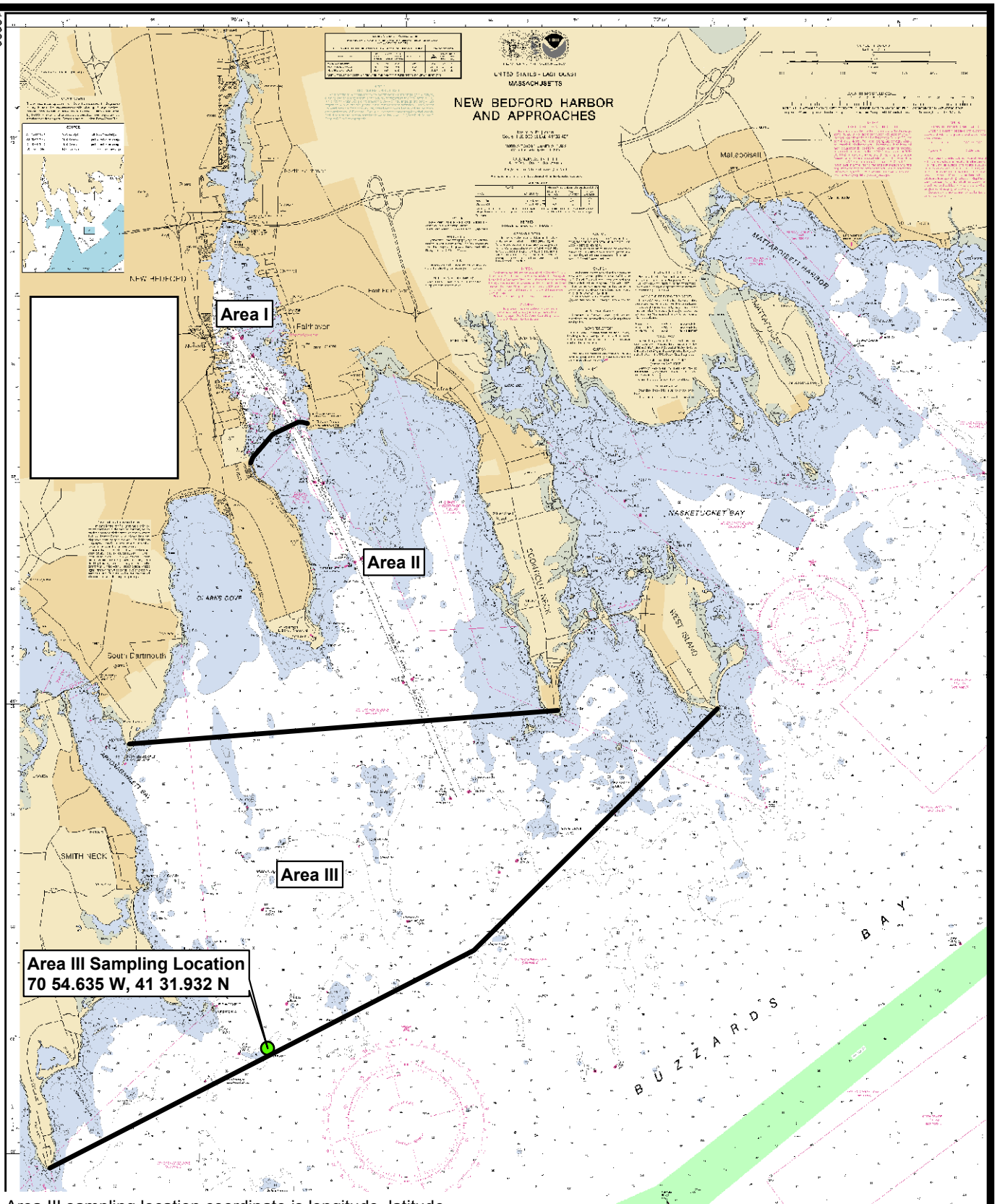
species, specimen length and weight, location by latitude and longitude, and collection method is in this letter report as Attachment 1 – Field Collection Forms, Photos, and Chain of Custody.

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

Document: P:\Projects\New Bedford Harbor Superfund Site\SARSS V\GIS\MapDocuments\AreaIII_Sampling_Location_8x11P.mxd PDF: P:\Projects\New Bedford Harbor Superfund Site\SARSS V\GIS\Figures\Fig 1 - Area III Location.pdf 06/20/2011 2:57 PM brpeters

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: 7/4/10 Time: 4:00 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-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 - 5N 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	78.4	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

NR = Not Recorded

FISH SAMPLE COLLECTION AND SAMPLE PREPARATION FORM
SEAFOOD MONITORING PROGRAM

NEW BEDFORD HARBOR
NEW BEDFORD, MASSACHUSETTS

Date: 7/4/10 Time: 4:45 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-XX-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

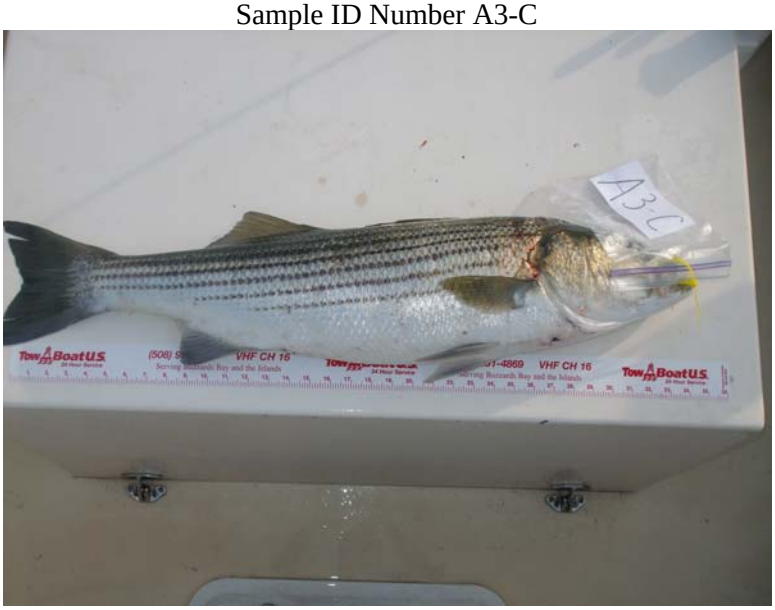
Comments: Longitude and Latitude data provided by Macatee Sportfishing, Fairhaven, MA

NR = Not Recorded.

Sample ID Number A3-A

Sample ID Number A3-B

Sample ID Number A3-C



Serial_No:01121113:23

CHAIN OF CUSTODY PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-9288

Date Rec'd In Lab:

ALPHA Job #: L1011840

Client Information
Client: MACTEC
Address: 511 Congress St Portland, ME 04101
Phone: 207 775-5401
Fax:
Email: CSricardi@Mactec.com
☐ These samples have been previously analyzed by Alpha

Project Information
Project Name: New Bedford Harbor
Project Location: New Bedford, MA
Project #: 36500801 20
Project Manager: Jayme Connolly
ALPHA Quote #:

Turn-Around Time
☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables
☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information
☐ Same as Client info PO #:

Regulatory Requirements/Report Limits
State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS
☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
See sample prep procedure. Three samples prepared from each fish including FILET, Skin, liver. Field Sample ID Codes are listed in comments.

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: PCB - Project Number	Sample Specific Comments	TOTAL # BOTTLES
-1	A3-A	7/4/10	0400	Fish	CR	X	NBH10-FF-A-3	
-2						X	NBH10-SS-A-3	
-3						X	NBH10-LV-A-3	
4	A3-B	7/4/10	0415	Fish	CR	X	NBH10-FF-B-3	
5						X	NBH10-SS-B-3	
6						X	NBH10-LV-B-3	
7	A3-C	7/4/10	0445	Fish	CR	X	NBH10-FF-C-3	
8						X	NBH10-SS-C-3	
9						X	NBH10-LV-C-3	

CR 7/4/10

Container Type
Preservative

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Ricardi	7/4/10 10:08	Nicholas Bongiorno	7/4/10 10:08

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

FORM NO: 01-01 (rev. 30-JUL-07)