Contaminated Monitoring Report for Seafood Harvested in 2003

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 2003. This seafood monitoring program is part of the ongoing PCB cleanup program for the New Bedford Harbor (NBH) Superfund Site, and was a collaborative effort involving the MA Department of Marine Fisheries (DMF), the MA Department of Environmental Protection, (MassDEP) and the U.S. Environmental Protection Agency - Region I (EPA).

Due to the identification of high PCB levels in area seafood, the MA Department of Public Health (MADPH) in 1979 promulgated regulations restricting seafood consumption in three closure areas in and around NBH as shown on Figure 1 (MADPH, 1979). NBH was subsequently listed as a Superfund site in 1983. Per the 1998 Record of Decision (ROD) (EPA, 1998) for the site, approximately 880,000 cubic yards (cy) of PCB-contaminated sediments and soils are to be removed. As of December 2003, 42,000 cy of the most highly PCB-contaminated sediments and shoreline soils have been remediated (including all pilot studies and hot spot dredging volumes). Each year about 20,000 cy to 25,000 cy of sediments are expected to be dredged at the typical $15 million per year funding rate. 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, 2002**)**. These species include lobster (*Homarus americanus*), blue crabs (*Callinectes sapidus*), 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 to account for the availability of samples in the field, as follows: blue crabs were substituted for lobster in Area 1. For lobster, blue crabs, black sea bass, and scup, each composite sample consists of three legally harvestable organisms. For quahog the composite sample consists of one dozen legally harvestable organisms. 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. 2003 Field Collection

The DMF field sampling program included the collection of quahog, lobster, crab, flounder, black sea bass, and scup. The 2003 Sampling Report is attached in Appendix C

The collection of lobster and blue crabs using pots occurred during June and July (see Figures 2 and 3). Scup were collected using fish pots and rod and reel in July (Figure 4). Winter and Summer Flounder were collected using a scup trap, gill net and trawl net during July and September (Figure 5 and 6). Black Sea Bass were collected by trawl net in September (Figure 6). Collection of quahog using a hydraulic dredge and rake were done during March and June (Figure 7), prior to spawning. Five stations were located in each of the three closure areas that produced sufficient sample sizes consistent with the monitoring program design.

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. In summary, lobsters were found in Areas II and II; eels were not found; flounder were found just in Area I and III; and black sea bass were found in just Area III; and scup were found just in Areas II and III.

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 first step in the analytical process for shell fish samples was the compositing of like species (e.g. quahog and lobsters). For quahogs, twelve individual samples from each

location were combined to form one composite sample per location. For lobster, three individual samples from each location were used to form composite samples. The tail and claw meat from each of the three animals were combined to form a tail and claw meat composite sample for the location, and the tomalley from each of the three animals was combined to form a separate tomalley composite sample for the location. The tail/claw meat composites were analyzed separately from the tomalley composites in order to quantify the PCB levels in the respective tissue types. A combined PCB level for the tail and claw meat combined with the tomalley was then calculated as follows:

$$\frac{[(\text{tail/claw PCB conc.} \times \text{tail/claw weight}) + (\text{tomalley PCB conc.} \times \text{tomalley weight})]}{(\text{tail/claw weight} + \text{tomalley weight})}$$

The seafood samples were analyzed for five 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 five Aroclors measured were Aroclors 1232, 1242, 1248, 1254 and 1260. 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, 2002**).** 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. 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 concentrations were determined by calculating the concentration of each corresponding peak in the sample chromatogram and the 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 2 (MassDEP, 2002) and show further details on chromatographic conditions, quality control criteria, and other elements of the analysis. 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

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.

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). This trend is also noticeable in the individual results from Area I: the tissue samples taken closest to the main PCB source (the Aerovox factory) are the highest in PCBs (e.g., quahog site E1 and blue crab site A1). Also, the area averages for the quahog show a significant decrease in PCB concentration away from the source (Area I was 1.6 ppm, Area II was 0.28 ppm, and Area III was 0.051 ppm for the congeners, this trend also occurred for the

Aroclors) see Table 5 and Figure 13. There was a drop in PCB concentrations away from the source for lobster, crab, and scup, see Tables 1, 3, and 4 and Figures 8, 9, 10, and 11. Figures 8 through 13 graphically summarize the current data, and Tables 1 through 5 tabulate the totals and averages of the congener and Aroclor sample results.

In the current data for lobster, crab, black sea bass, and scup, the PCB results indicate that the Aroclor approach greatly under-estimates the true total PCB concentration. For the lobster (meat) and black bass (only one sample location collected), the congeners were detected but the Aroclors were not. Also, for the lobster tomalley, flounder, and scup, the Aroclor concentrations were significantly less than the congener concentrations.

For all Areas for quahog, there was a very good correlation between the Aroclor and congener-based approaches.

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, as well as PCB levels above the FDA criteria of 2 ppm in all averages for Area 1 species (except in some Area I locations for quahog). The highest PCB level reported for this data set was 12 ppm (congener basis) in blue crab in Area I Station A, see Table 3.

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 current data also highlights the limitations of using the Aroclor analytical approach for monitoring locally harvested seafood.

Finally, in comparison to historic PCB monitoring of NBH area lobster dating to the mid 1980s, the current data set shows significantly decreased levels over time. This historic lobster PCB data can be found in the 2002 seafood monitoring report for the site ("Contaminated Monitoring Report for Seafood Harvested in 2002 from the New Bedford Harbor Superfund Site," available at www.epa.gov/ne/nbh under "Technical Documents").

6. References

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FIGURES

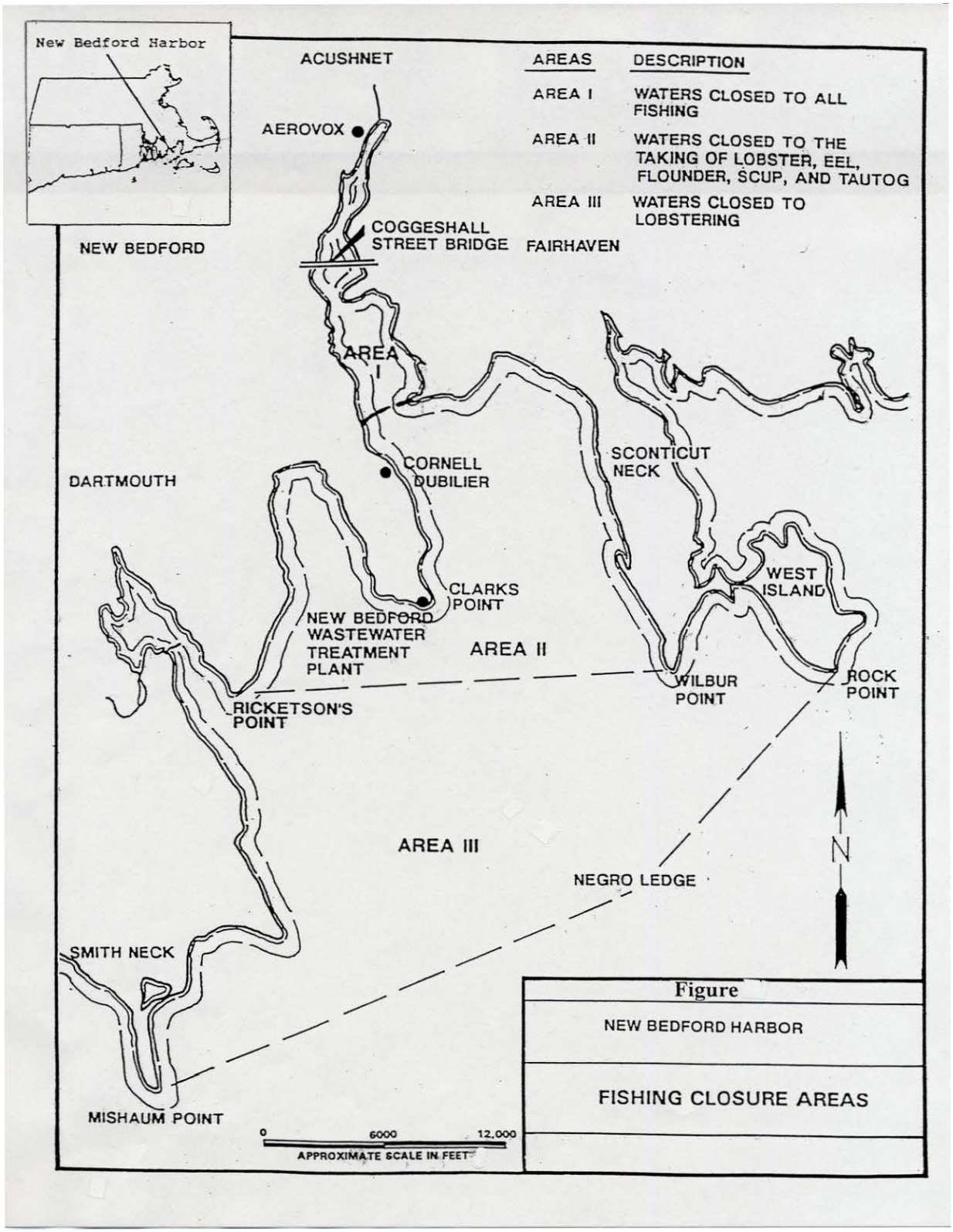


Figure 1 Fish Closure Areas I to III

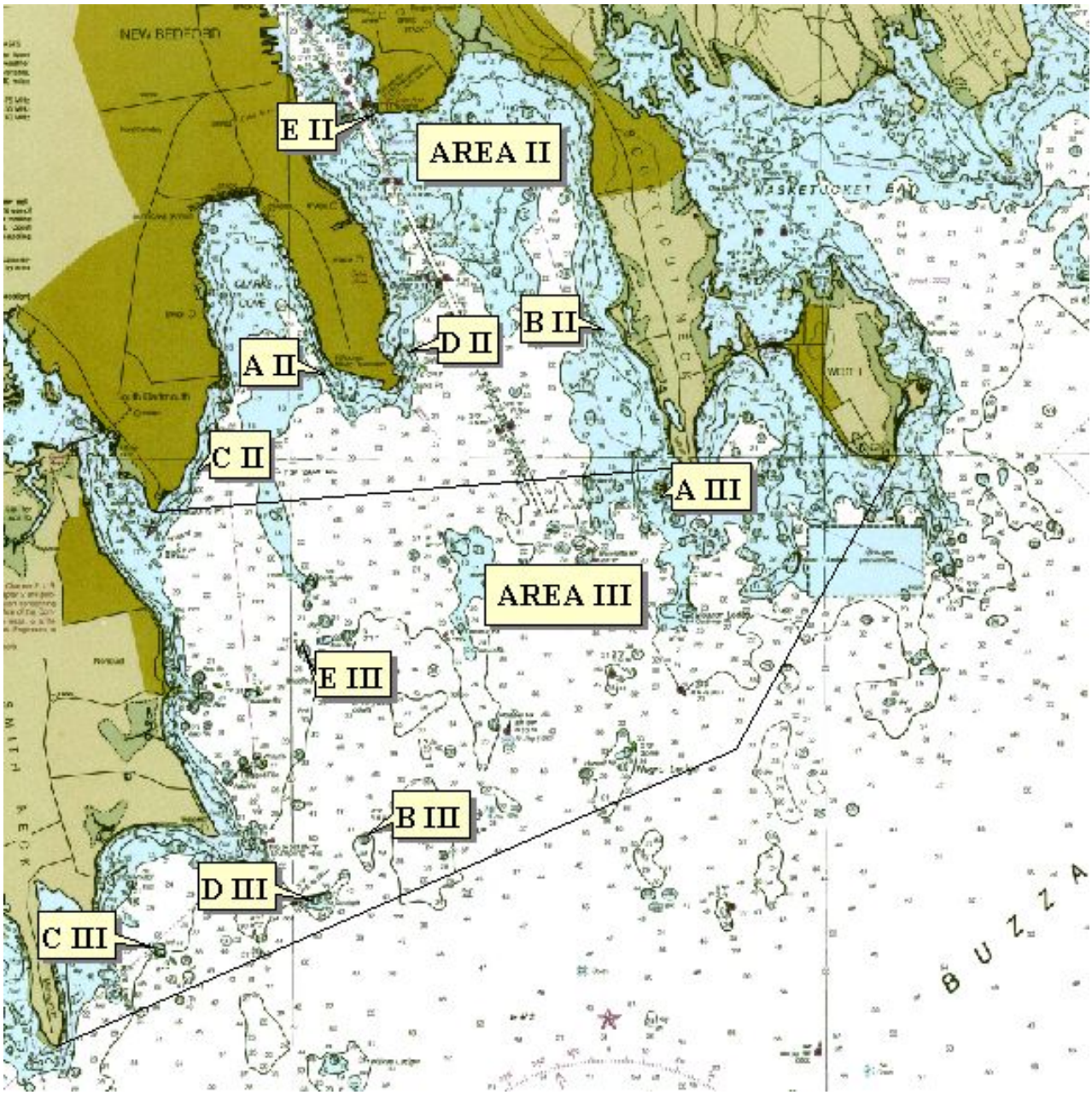


Figure 2 American Lobster Sample Locations - Area II & III

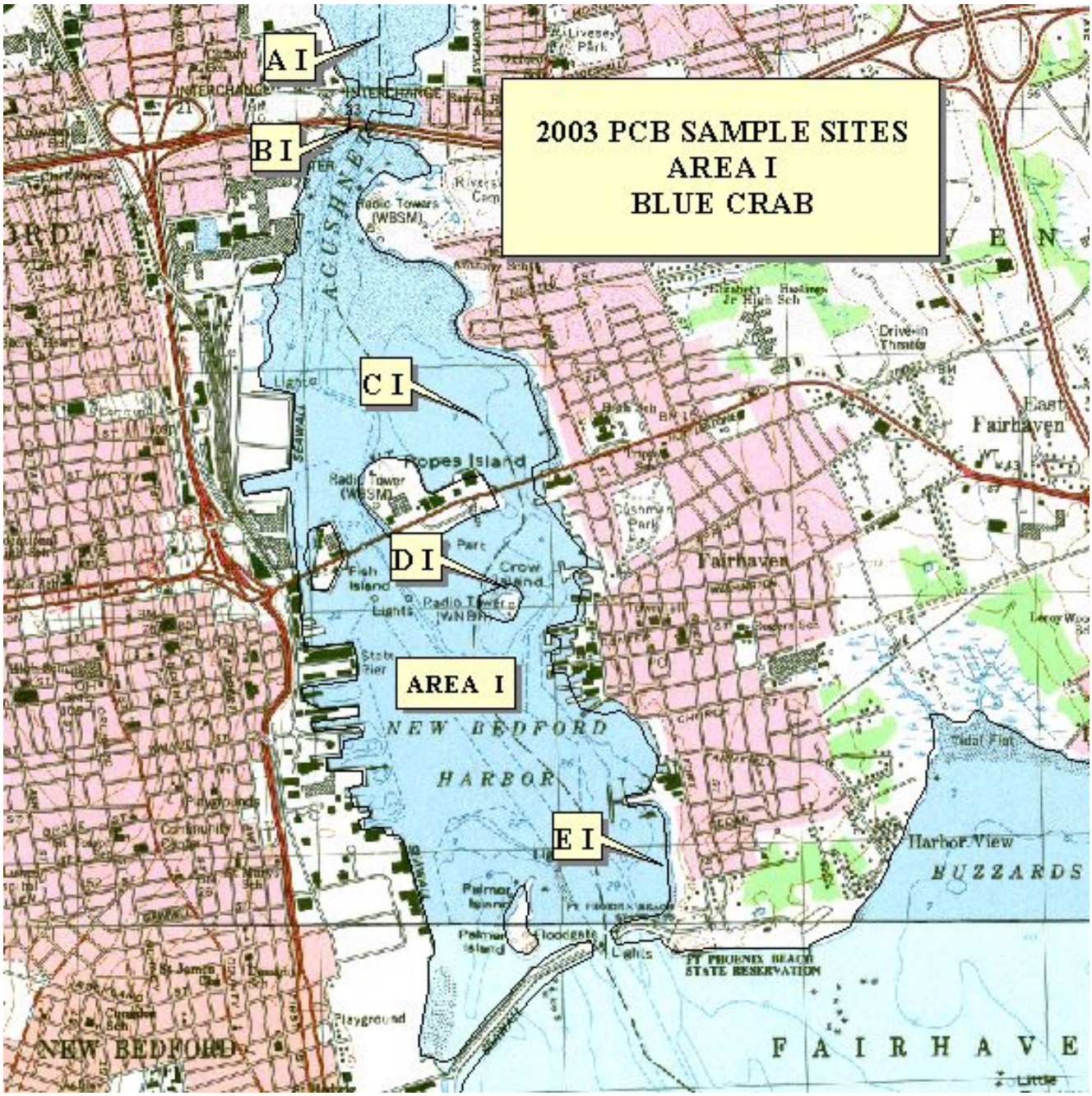


Figure 3 Blue Crab Sample Locations - Area I

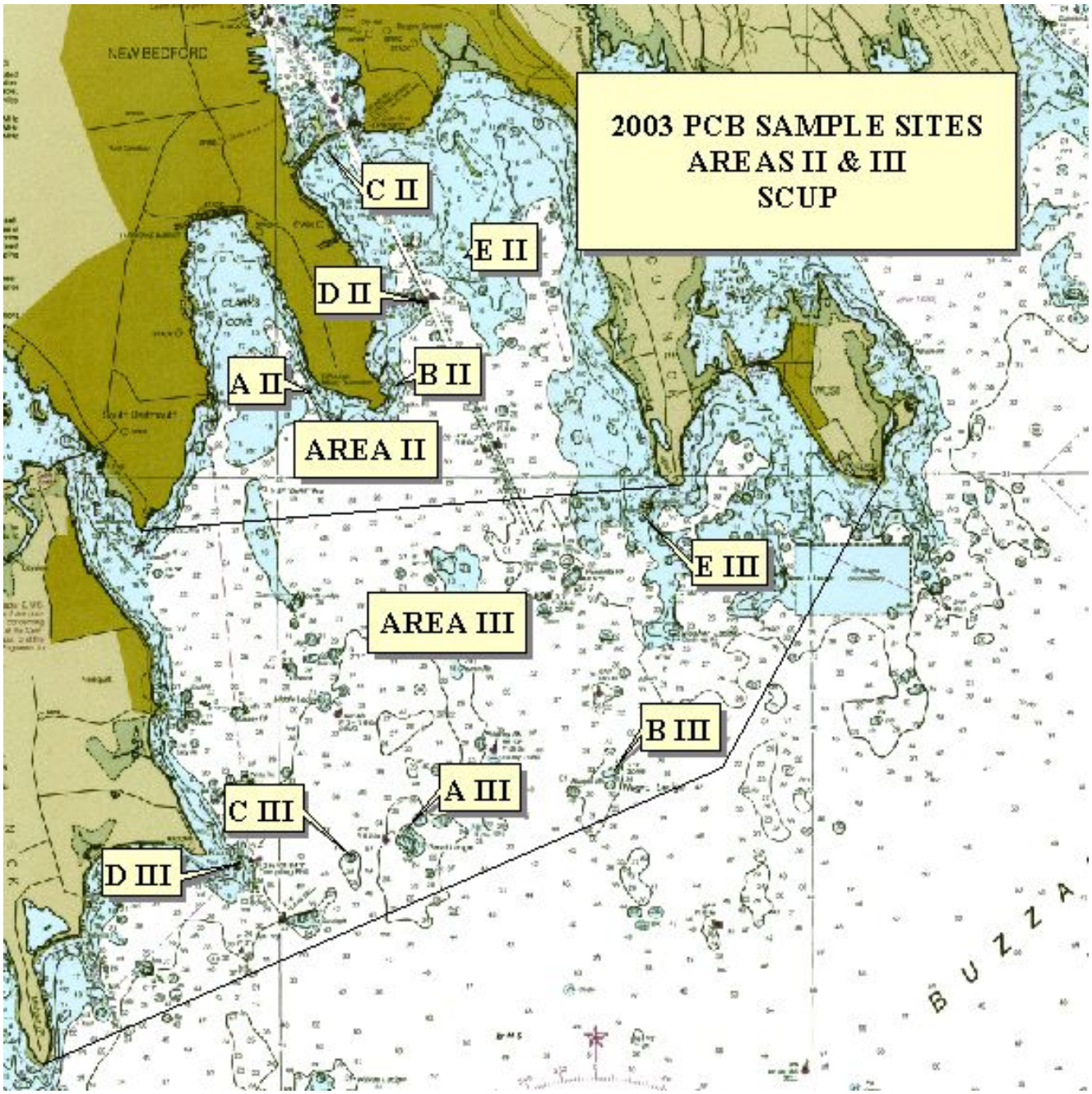


Figure 4 Scup Sample Locations - Area II & III

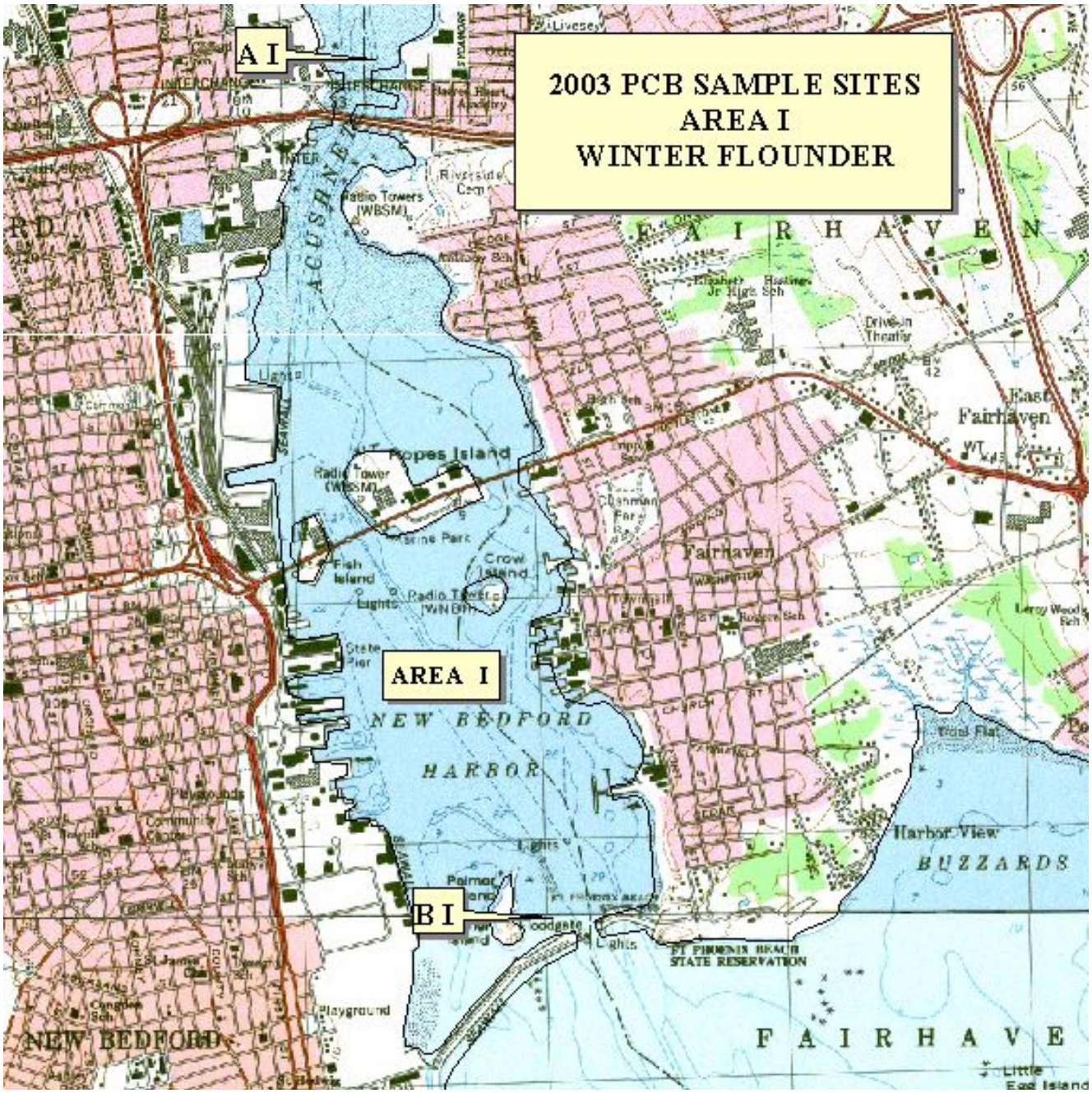


Figure 5 Winter Flounder Sample Location - Area I

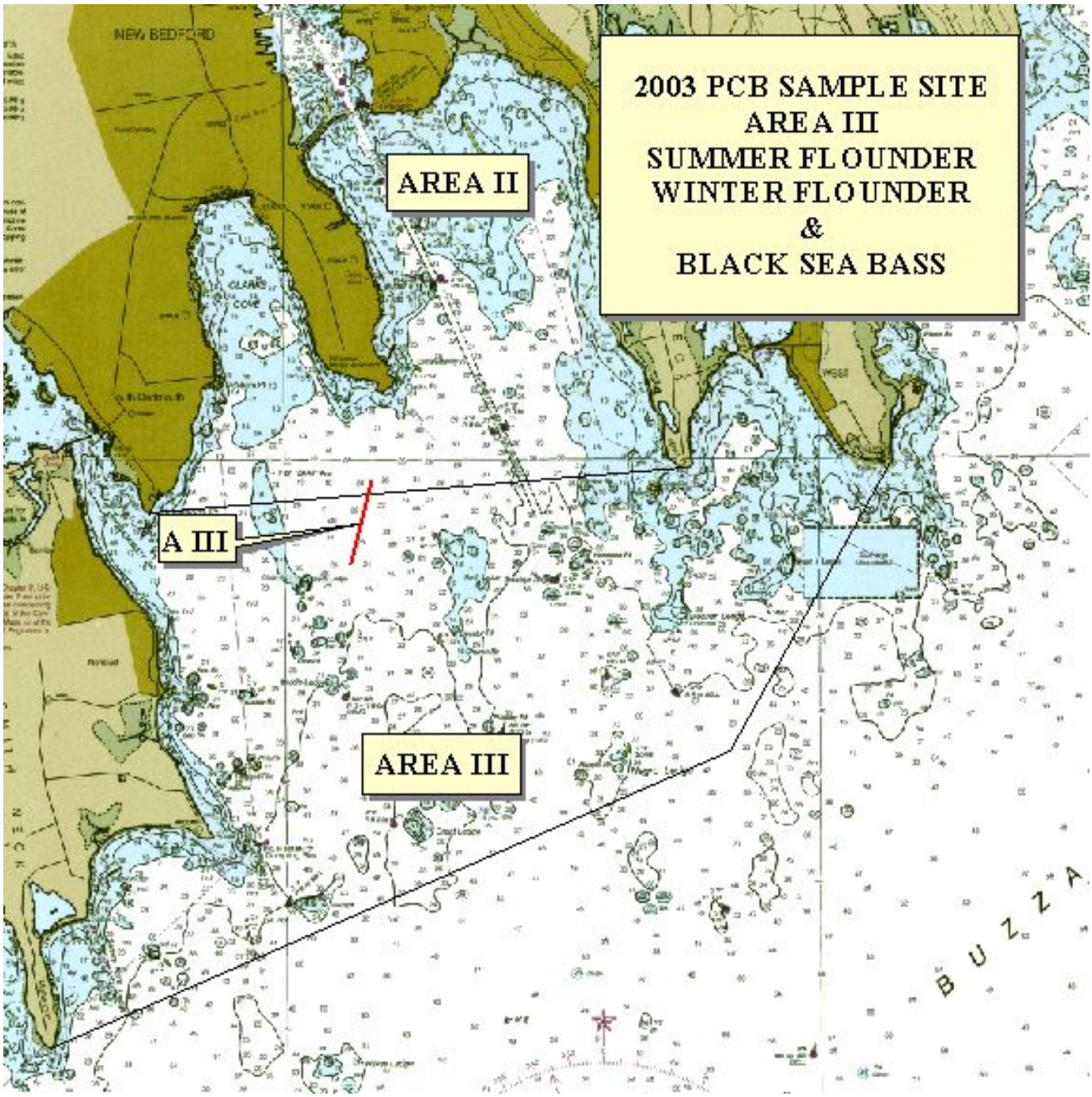


Figure 6 Winter Flounder, Summer Flounder, and Black Sea Bass Sample Locations - Area III

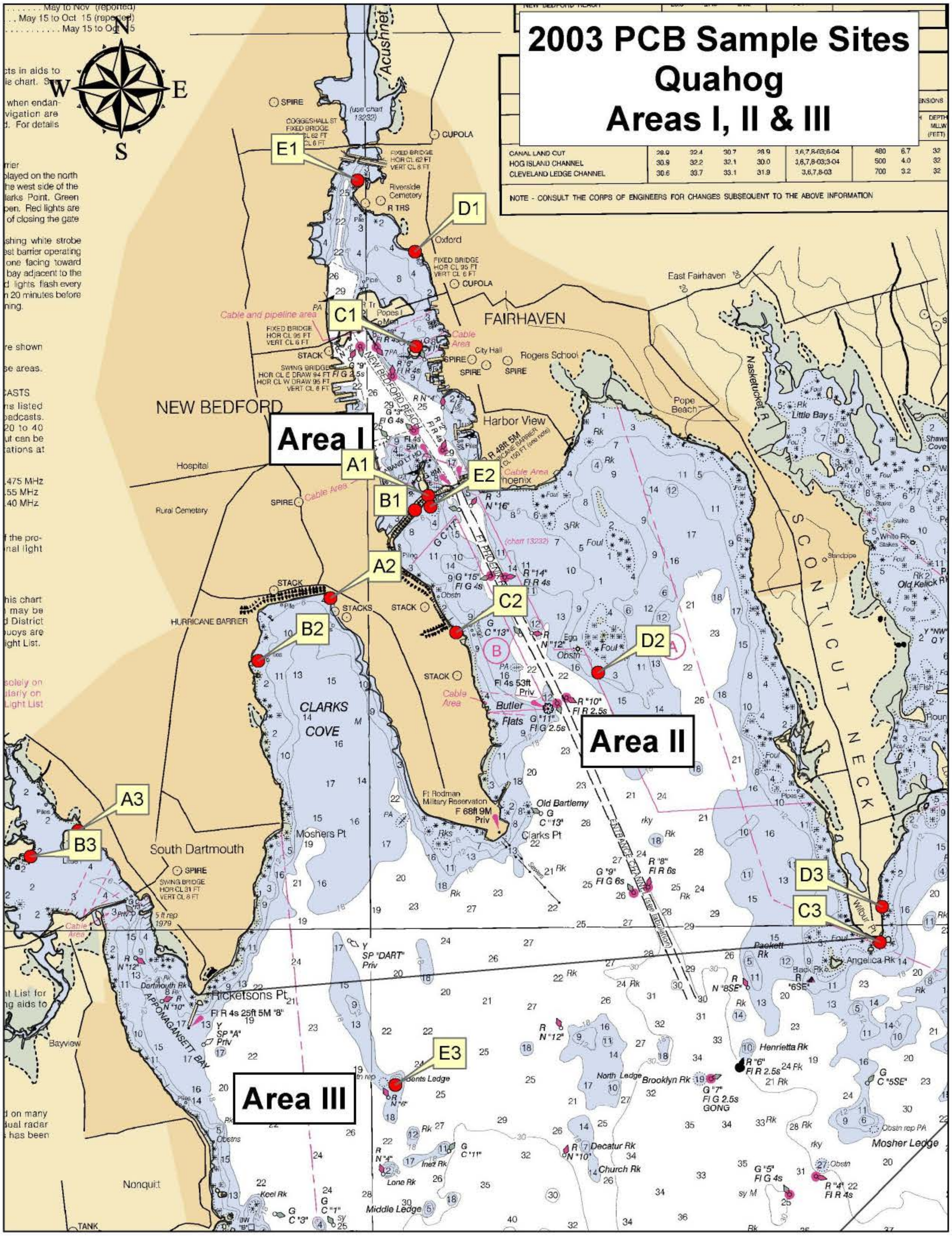


Figure 7 Quahog Sample Locations - Area I, II, & III

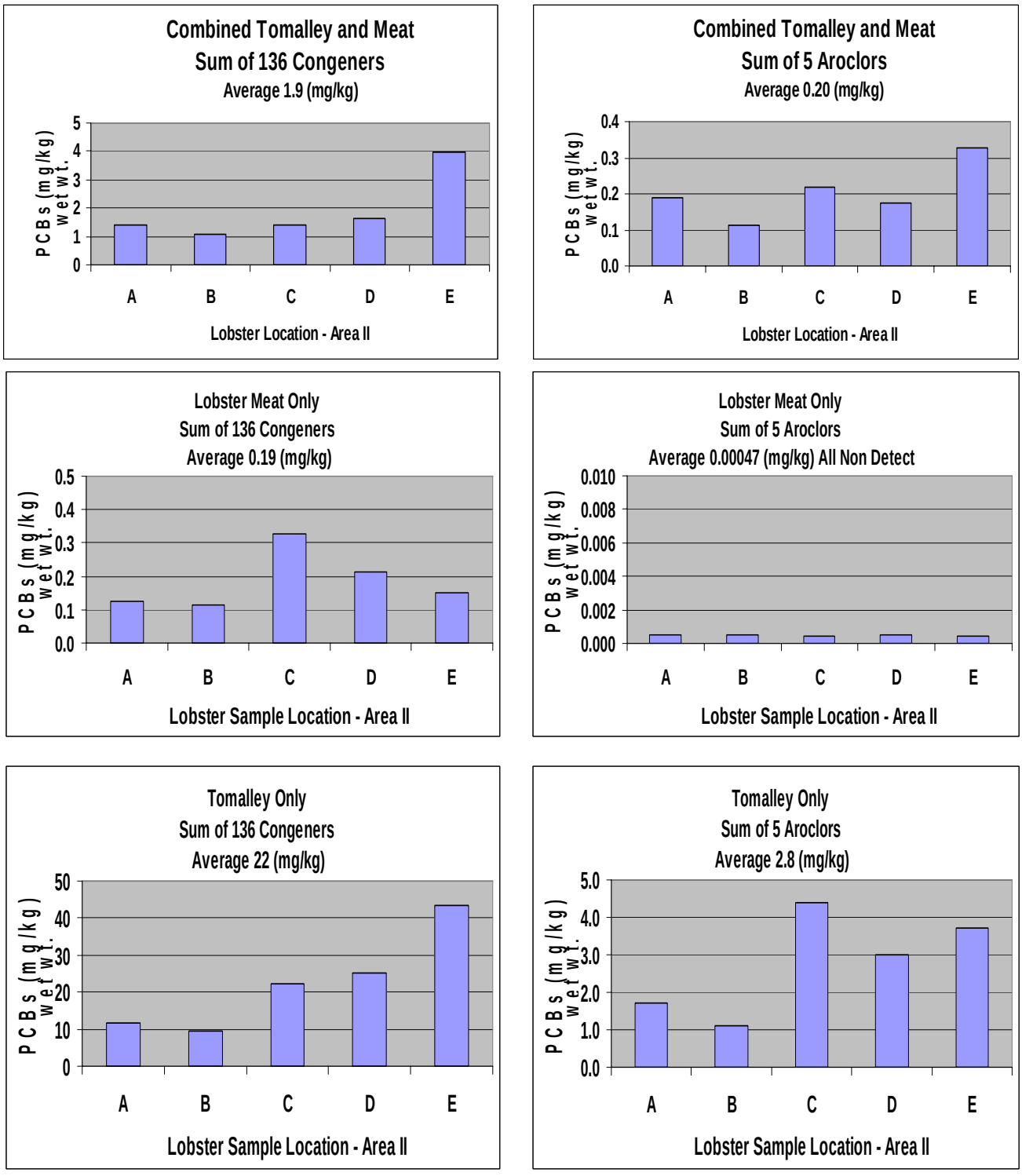
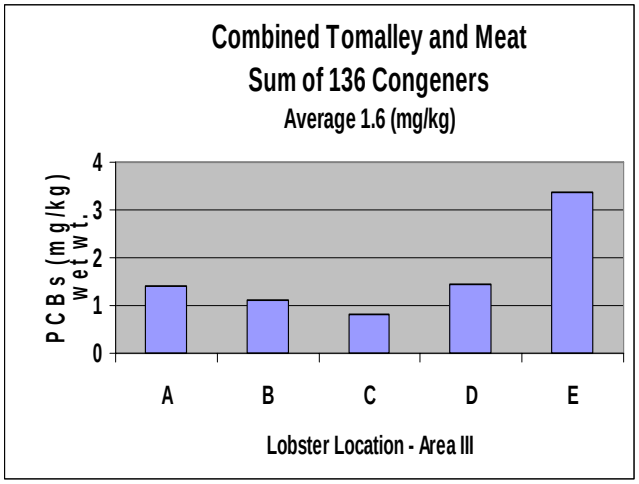
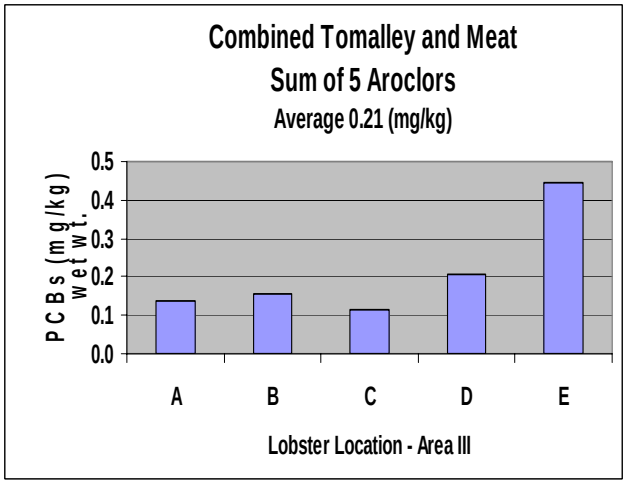
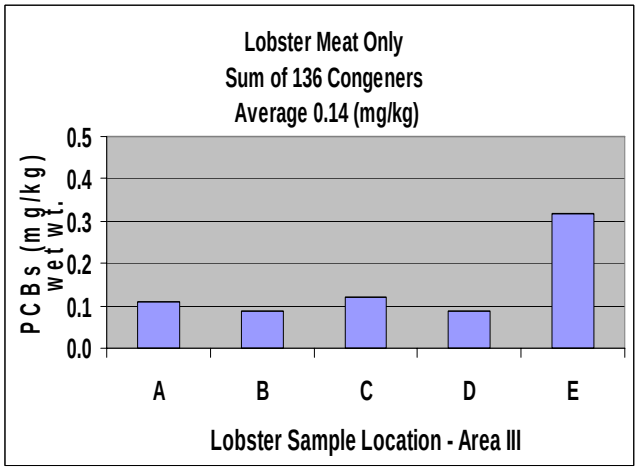
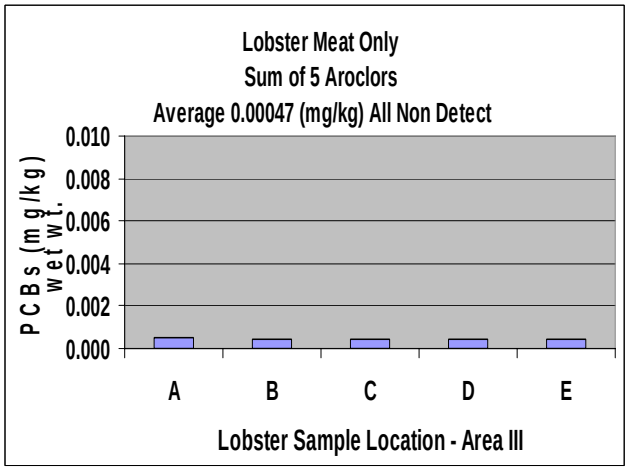


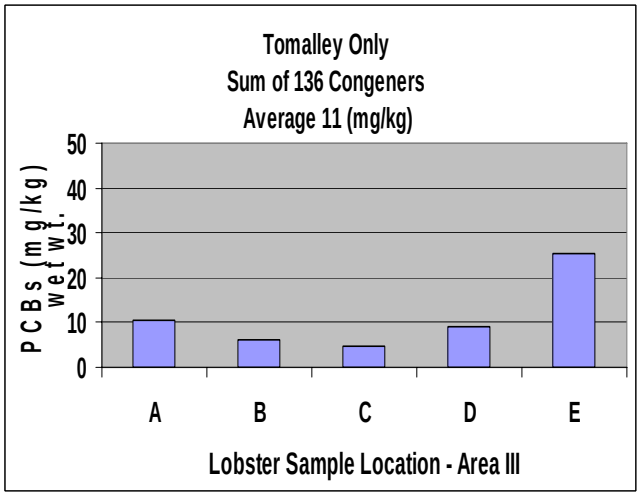
Figure 8 PCBs Concentrations in Lobster - Area II 2003











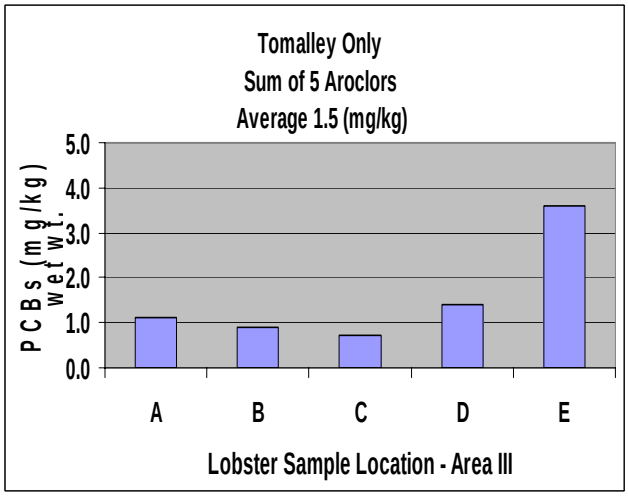
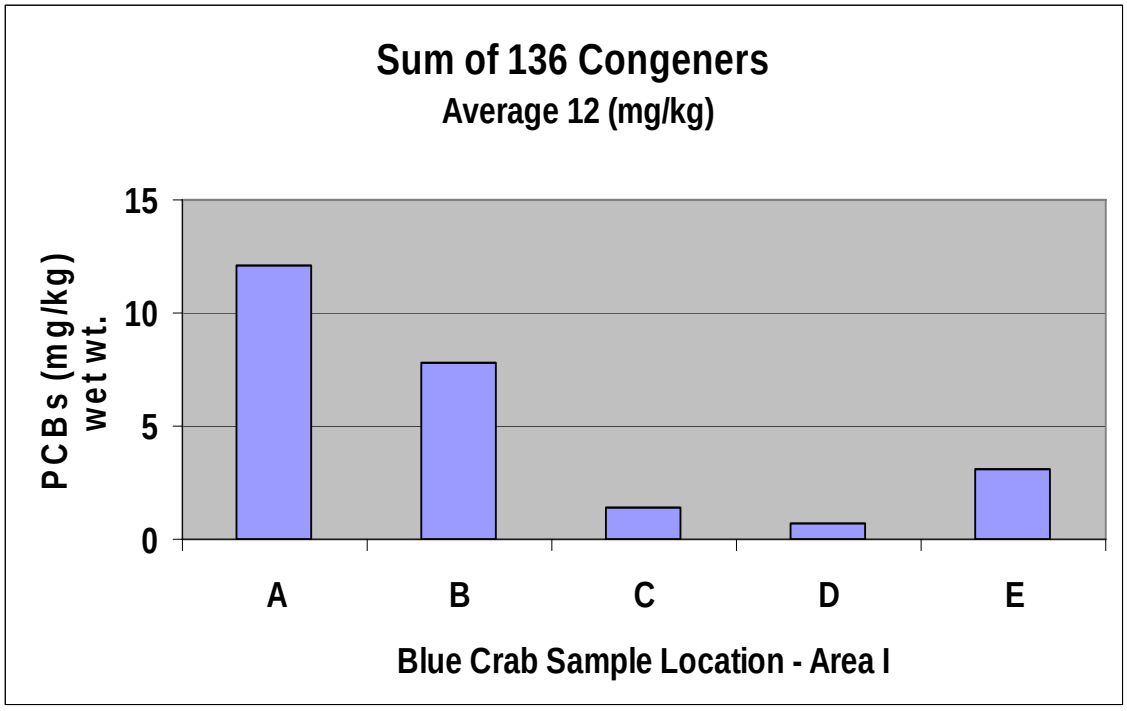


Figure 9 PCBs Concentrations in Lobster - Area III 2003



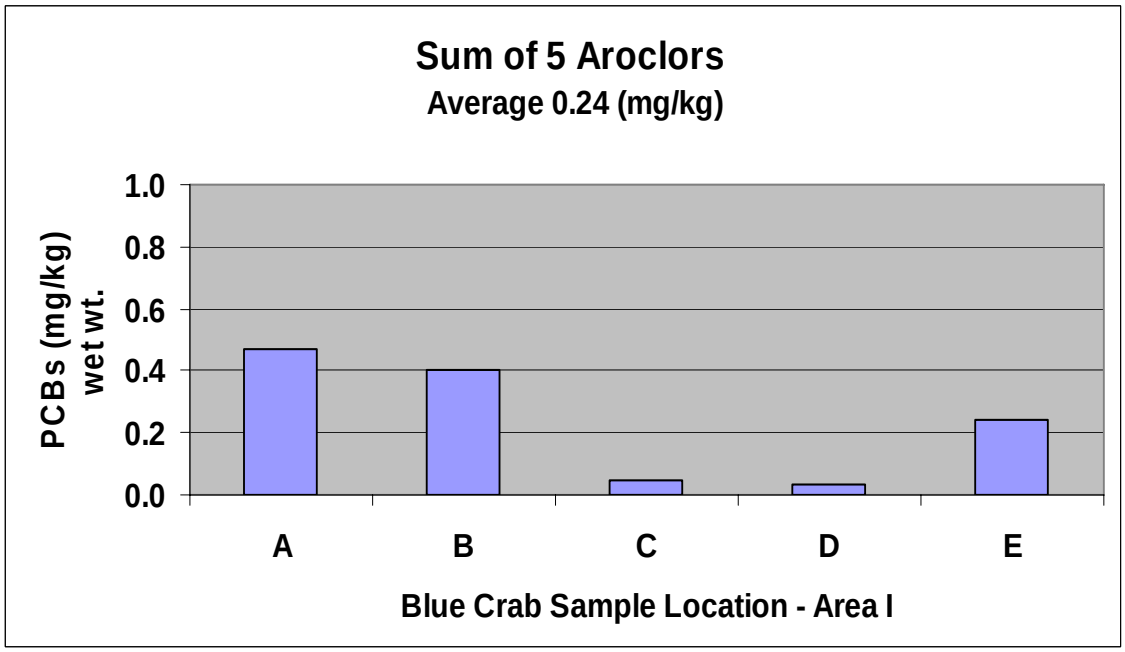
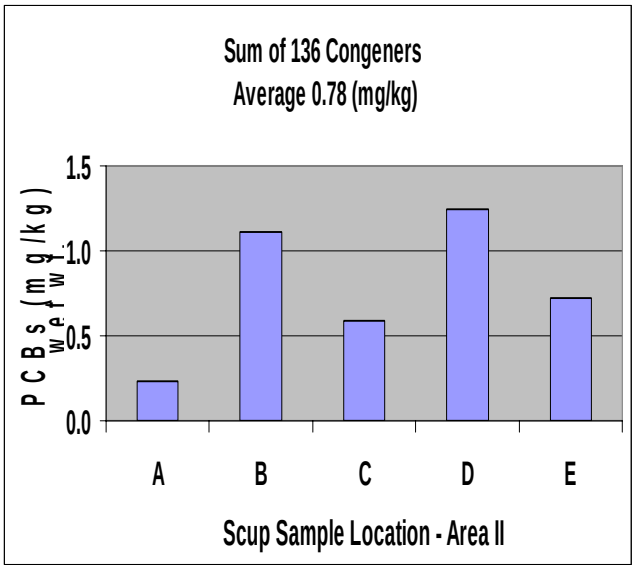
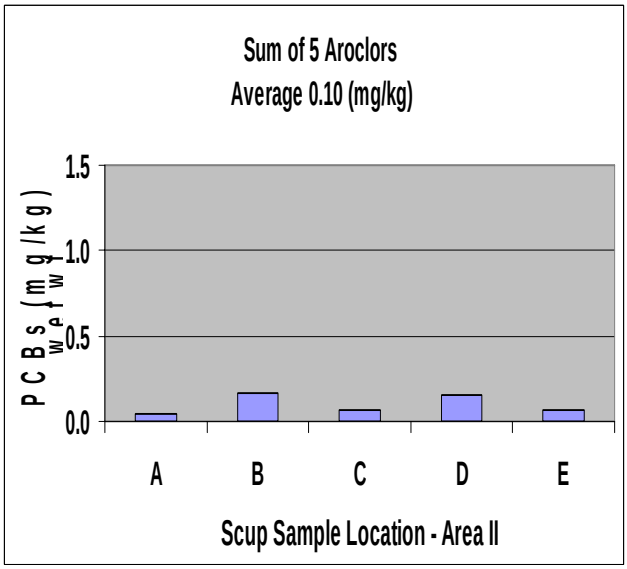
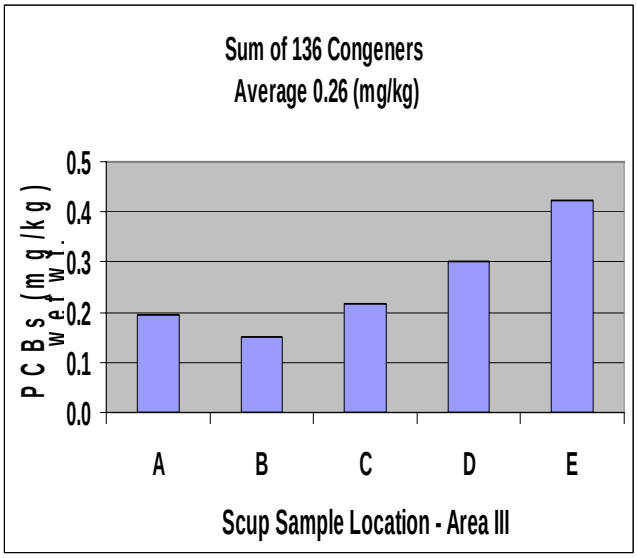


Figure 10 PCBs Concentrations in Blue Crab Area I 2003







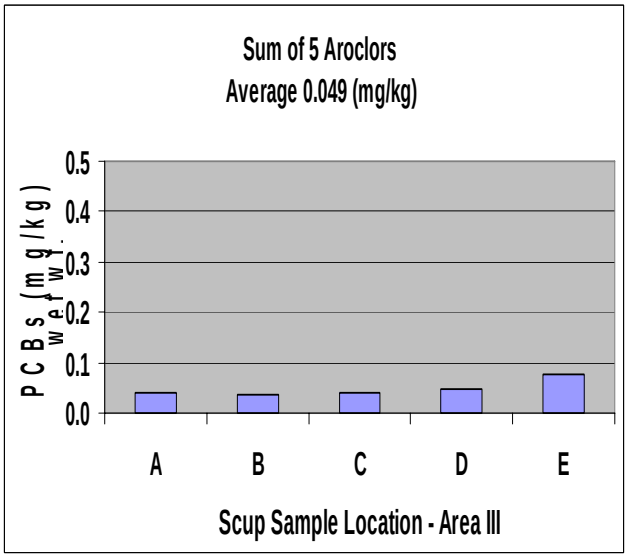
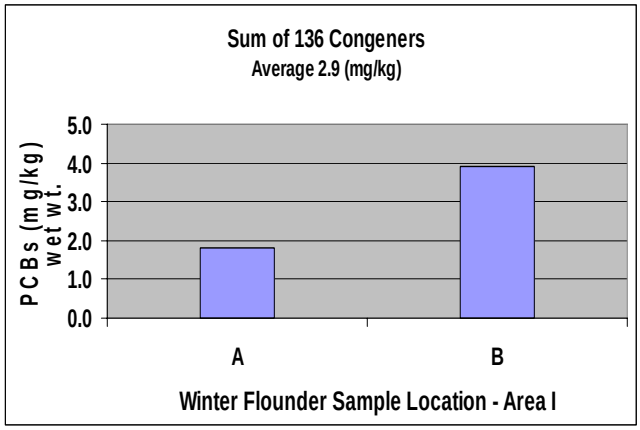
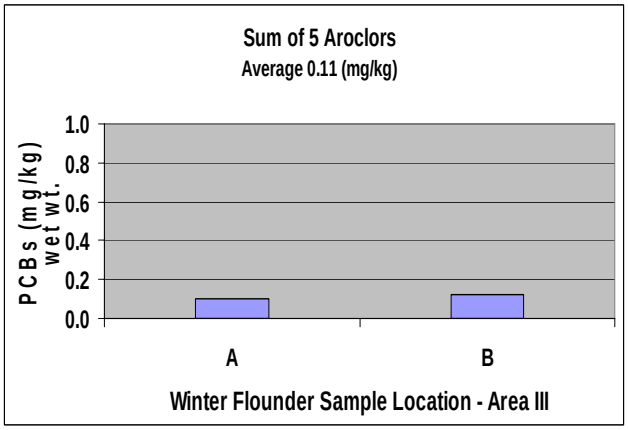
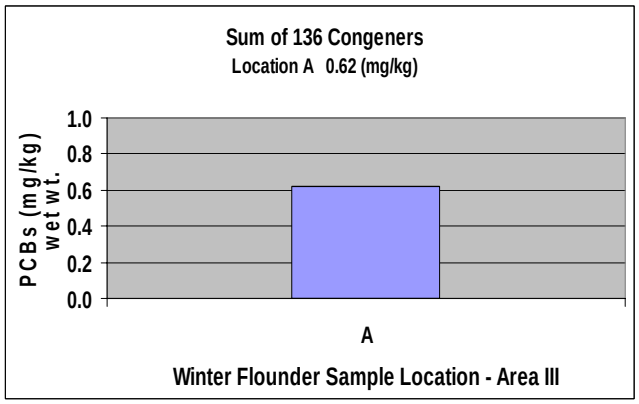


Figure 11 PCBs Concentrations in Scup 2003







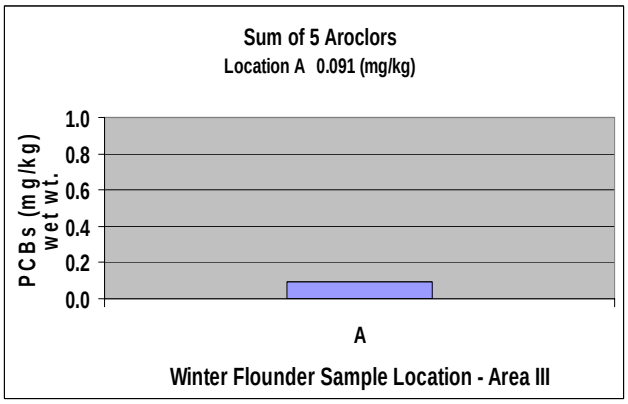


Figure 12 PCBs Concentrations in Winter Flounder 2003

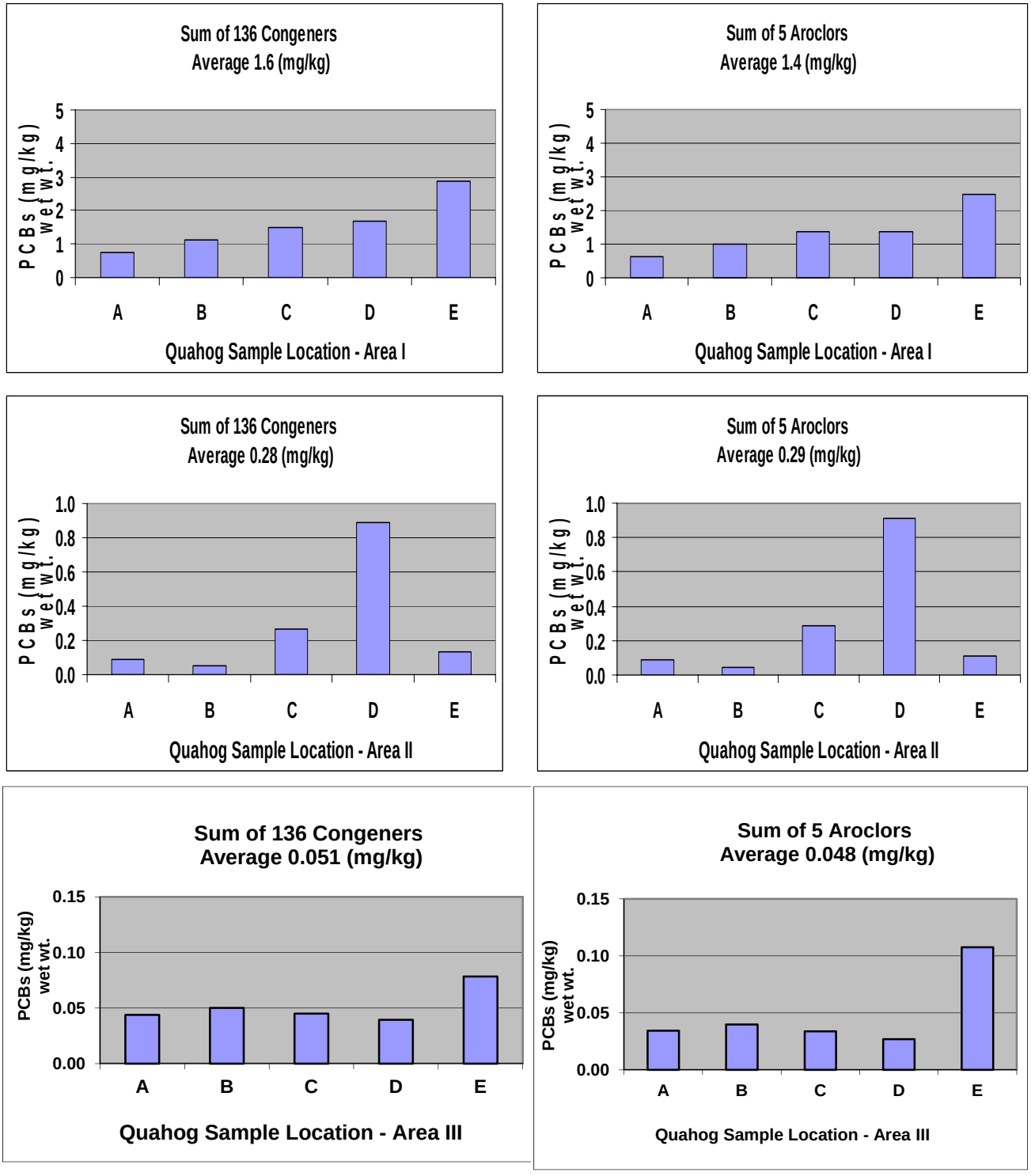


Figure 13 PCBs Concentrations in Quahog 2003

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 5 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 Lobster (mg/kg, wet weight) 2003

Parameter	Area	Station	Sample Weight	Lipids	Total PCB Congeners[1]		Total PCB Congeners Hits[2]		Total NOAA Congeners[3]		Total WHO Congeners[4]		Total NOAA / WHO Combined[5]		Total Aroclors[6]	
Units			**G**	**PERCENT**	**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**	
Meat	II	A	372.53	0.38	0.12	J2	0.11		0.073	J4	0.029	J3	0.076	J3	0.00048	U
Meat	II	B	265.61	0.23	0.11	J2	0.095		0.069	J3	0.031	J3	0.073	J3	0.00048	U
Meat	II	C	394.42	0.48	0.33	J3	0.31		0.22	J4	0.085	J4	0.23	J4	0.00046	U
Meat	II	D	524.00	0.52	0.21	J3	0.20		0.13	J4	0.051	J3	0.13	J3	0.00048	U
Meat	II	E	329.02	0.41	0.15	J3	0.14		0.093	J3	0.037	J3	0.098	J3	0.00046	U
Average				0.40	0.19		0.17		0.12		0.046		0.12		0.00047	U
Meat	III	A	338.60	0.31	0.11	J2	0.092		0.064	J3	0.026	J3	0.067	J3	0.00048	U
Meat	III	B	320.53	0.38	0.088	J2	0.071		0.049	J3	0.019	J3	0.052	J3	0.00047	U
Meat	III	C	289.95	0.39	0.12	J2	0.10		0.076	J3	0.029	J3	0.080	J3	0.00046	U
Meat	III	D	288.28	0.30	0.089	J2	0.073		0.049	J3	0.018	J3	0.052	J3	0.00047	U
Meat	III	E	377.33	0.47	0.32	J3	0.31		0.18	J4	0.070	J4	0.19	J4	0.00047	U
Average				0.37	0.14		0.13		0.084		0.032		0.088		0.00047	
Tomalley	II	A	46.59	21	12	J4	12		8.0	J4	2.8	J4	8.3	J4	1.7	J4
Tomalley	II	B	30.42	13	9.3	J4	9.3		6.8	J4	2.6	J4	7.0	J4	1.1	J4
Tomalley	II	C	20.55	9.5	22	J4	22		16	J4	5.5	J4	16	J4	4.4	J4
Tomalley	II	D	32.01	19	25	J4	25		16	J4	5.8	J4	17	J4	3.0	J4
Tomalley	II	E	31.81	24	43	J4	43		26	J4	9.6	J4	27	J4	3.7	J4
Average				17	22	J4	22		15	J4	5.2	J4	15	J4	2.8	J4
Tomalley	III	A	48.72	19	10	J4	10		7.3	J4	2.6	J4	7.6	J4	1.1	J4
Tomalley	III	B	65.59	22	6.1	J4	6.1		4.2	J4	1.4	J4	4.4	J4	0.91	J4
Tomalley	III	C	54.76	9.8	4.5	J4	4.5		3.3	J4	1.0	J4	3.4	J4	0.71	J4
Tomalley	III	D	49.81	20	9.2	J4	9.2		6.4	J4	2.0	J4	6.6	J4	1.4	J4
Tomalley	III	E	52.83	28	25	J4	25		17	J4	5.7	J4	18	J4	3.6	J4
Average				20	11	J4	11		7.7	J4	2.6	J4	8.0	J4	1.5	J4

Table 2 Calculated PCB Concentration of Combined Lobster Meat and Tomalley 2003

Location	PCB Conc. in meat[1] (mg/kg)	wt meat (kg)	PCBs in meat (mg)	PCB Conc. in tomalley[1] (mg/kg)	wt tomalley (kg)	PCBs in tomalley (mg)	total weight (kg)	sum of PCBs (mg)	total concentration (mg/kg)
Area II - 136 Congeners									
A	0.12	0.37253	0.046327831	12	0.04659	0.543833888	0.41912	0.59	1.4
B	0.11	0.26561	0.02985722	9.3	0.03042	0.284346691	0.29603	0.31	1.1
C	0.33	0.39442	0.128608529	22	0.02055	0.457519446	0.41497	0.59	1.4
D	0.21	0.524	0.11220936	25	0.03201	0.809812027	0.55601	0.92	1.7
E	0.15	0.32902	0.049734663	43	0.03181	1.376650913	0.36083	1.4	4.0
								avg	**1.9**
Area III - 136 Congeners									
A	0.11	0.3386	0.03668731	10	0.04872	0.507483598	0.38732	0.54	1.4
B	0.088	0.32053	0.028190614	6.1	0.06559	0.401748589	0.38612	0.43	1.1
C	0.12	0.28995	0.034625829	4.5	0.05476	0.249066551	0.34471	0.28	0.82
D	0.089	0.28828	0.02572899	9.2	0.04981	0.460143784	0.33809	0.49	1.4
E	0.32	0.37733	0.119738129	25	0.05283	1.333580822	0.43016	1.5	3.4
								avg	**1.6**

Location	PCB Conc. in meat[6] (mg/kg)	wt meat (kg)	PCBs in meat (mg)	PCB Conc. in tomalley[6] (mg/kg)	wt tomalley (kg)	PCBs in tomalley (mg)	total weight(kg)	sum of PCBs (mg)	total concentration (mg/kg)
Area II - 5 Aroclors									
A	0.00048	0.37253	0.000178814	1.7	0.04659	0.079273817	0.41912	0.079	0.19
B	0.00048	0.26561	0.000127493	1.1	0.03042	0.033507022	0.29603	0.034	0.11
C	0.00046	0.39442	0.000181433	4.4	0.02055	0.090450825	0.41497	0.091	0.22
D	0.00048	0.524	0.00025152	3.0	0.03201	0.096076735	0.55601	0.096	0.17
E	0.00046	0.32902	0.000151349	3.7	0.03181	0.117744079	0.36083	0.12	0.33
								avg	**0.20**
Area III - 5 Aroclors									
A	0.00048	0.3386	0.000162528	1.1	0.04872	0.053664106	0.38732	0.054	0.14
B	0.00047	0.32053	0.000150649	0.91	0.06559	0.059785285	0.38612	0.060	0.16
C	0.00046	0.28995	0.000133377	0.71	0.05476	0.038962835	0.34471	0.039	0.11
D	0.00047	0.28828	0.000135492	1.4	0.04981	0.0698127	0.33809	0.070	0.21
E	0.00047	0.37733	0.000177345	3.6	0.05283	0.190267245	0.43016	0.19	0.44
								avg	**0.21**

Table 3 Summary of Sample Data for Blue Crab 2003

Parameter	Lipids		Total PCB Congeners[1]		Total PCB Congeners Hits[2]		Total NOAA Congeners[3]		Total WHO Congeners[4]		Total NOAA and WHO Combined[5]		Total Aroclors[6]	
Units	**Percent**		**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**		**MG/KG**	
Area I														
Station														
Station A	0.78		12	J4	12		6.1	J4	1.2	J4	6.2	J4	0.47	J4
Station B	0.67		7.8	J4	7.8		4.4	J4	1.2	J4	4.6	J4	0.40	J4
Station C	0.15		1.4	J4	1.4		0.77	J4	0.22	J4	0.79	J4	0.050	J3
Station D	0.17		0.67	J3	0.65		0.40	J4	0.12	J4	0.41	J4	0.036	J3
Station E	0.66		3.1	J4	3.0		1.9	J4	0.72	J4	2.0	J4	0.24	J4
Average	0.49		5.0		5.0		2.7	J4	0.70	J4	2.8	J4	0.24	

Table 4 Summary of Sample Data for Fish 2003

		Parameter	Lipids		Total PCB Congeners[1]		Total PCB Congeners Hits[2]		Total NOAA Congeners[3]		Total WHO Congeners[4]		Total NOAA and WHO Combined[5]		Total Aroclors[6]	
		Units	Percent		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Species	**Area**	**Station**														
Black Sea Bass	III	Station A	1.1		0.14	J2	0.12		0.075	J3	0.023	J3	0.079	J3	0.00047	U
Scup	II	Station A	0.82		0.24	J3	0.23		0.14	J4	0.033	J3	0.14	J3	0.045	J3
Scup	II	Station B	1.5		1.1	J4	1.1		0.70	J4	0.21	J4	0.72	J4	0.16	J4
Scup	II	Station C	1.3		0.59	J3	0.59		0.33	J4	0.089	J4	0.34	J4	0.065	J3
Scup	II	Station D	0.98		1.2	J4	1.2		0.79	J4	0.25	J4	0.81	J4	0.15	J4
Scup	II	Station E	0.96		0.73	J3	0.72		0.42	J4	0.12	J4	0.43	J4	0.065	J3
		Average	1.1		0.78		0.77		0.47	J4	0.14		0.49		0.10	
Scup	III	Station A	0.85		0.19	J3	0.18		0.12	J4	0.031	J3	0.12	J3	0.042	J3
Scup	III	Station B	0.74		0.15	J3	0.14		0.094	J3	0.024	J3	0.098	J3	0.035	J3
Scup	III	Station C	0.89		0.22	J3	0.20		0.14	J4	0.037	J3	0.14	J3	0.042	J3
Scup	III	Station D	1.1		0.30	J3	0.29		0.18	J4	0.047	J3	0.19	J3	0.047	J3
Scup	III	Station E	1.0		0.42	J3	0.41		0.26	J4	0.071	J3	0.27	J4	0.077	J3
		Average	0.92		0.26	J3	0.25		0.16		0.042	J3	0.16		0.049	J3
Summer Flounder	III	Station A	0.45		0.11	J2	0.097		0.056	J3	0.015	J2	0.059	J3	0.019	J3
Winter Flounder	I	Station A	0.94		1.8	J4	1.8		0.82	J4	0.19	J4	0.84	J4	0.10	J4
Winter Flounder	I	Station B	0.37		3.9	J4	3.9		1.7	J4	0.27	J4	1.7	J4	0.12	J4
		Average	0.66		2.9	J4	2.8		1.3	J4	0.23	J4	1.3	J4	0.11	J4
Winter Flounder	III	Station A	0.79		0.62	J3	0.61		0.35	J4	0.11	J4	0.37	J4	0.091	J3

Table 5 Summary of Sample Data for Quahog 2003

	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 Aroclors[6]	
	Units	Percent		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
Area	Station														
I	Station A	0.10	U	0.73	J4	0.73		0.31	J4	0.035	J3	0.32	J4	0.64	J4
I	Station B	0.22		1.1	J4	1.1		0.47	J4	0.054	J3	0.48	J4	0.99	J4
I	Station C	0.30		1.5	J4	1.5		0.63	J4	0.081	J4	0.65	J4	1.4	J4
I	Station D	0.26		1.7	J4	1.7		0.71	J4	0.088	J4	0.73	J4	1.4	J4
I	Station E	0.24		2.9	J4	2.9		1.2	J4	0.12	J4	1.2	J4	2.5	J4
	Average	0.22		1.6	J4	1.6		0.66	J4	0.075		0.68	J4	1.4	J4
II	Station A	0.16		0.091	J2	0.079		0.037	J3	0.0089	J2	0.040	J3	0.085	J4
II	Station B	0.10	U	0.051	J2	0.036		0.018	J3	0.0049	J2	0.020	J2	0.047	J3
II	Station C	0.22		0.26	J3	0.26		0.11	J4	0.018	J3	0.12	J3	0.29	J4
II	Station D	0.22		0.89	J4	0.88		0.38	J4	0.057	J3	0.39	J4	0.91	J4
II	Station E	0.10	U	0.13	J3	0.12		0.053	J3	0.0082	J2	0.055	J3	0.11	J4
	Average	0.16		0.28		0.27		0.12		0.019		0.12		0.29	
III	Station A	0.14		0.044	J2	0.028		0.014	J3	0.0039	J2	0.016	J2	0.034	J3
III	Station B	0.17		0.050	J2	0.034		0.017	J3	0.0049	J2	0.019	J2	0.040	J3
III	Station C	0.10	U	0.045	J2	0.028		0.014	J3	0.0043	J2	0.016	J2	0.034	J3
III	Station D	0.10	U	0.039	J2	0.023		0.012	J3	0.0040	J2	0.014	J2	0.027	J3
III	Station E	0.24		0.078	J2	0.065		0.030	J3	0.0074	J2	0.033	J3	0.11	J4
	Average	0.15		0.051	J2	0.036		0.017	J3	0.0049	J2	0.019		0.048	

Appendices

Appendix A Laboratory Data

Appendix B Data Validation Summary, MassDEP, NBH Seafood Contaminant Survey Monitoring 2003 Sampling

Appendix C Seafood Monitoring - Field Sampling Activities for the NBH Superfund Site 2003 Annual Report

Appendix A Laboratory Data

Table 1A Sample Data for Lobster Meat Area I & II
Table 1 B Sample Data for Lobster Tomalley Area I & II
Table 1 C Sample Data for Lobster Meat Area III
Table 1 D Sample Data for Lobster Tomalley Area III
Table 2 Sample Data for Blue Crab
Table 3A Sample Data for Scup Area II
Table 3B Sample Data for Scup Area III
Table 4 Sample Data for Flounder and Black Sea Bass Areas I and III
Table 5A Sample Data for Quahog Area I
Table 5B Sample Data for Quahog Area II
Table 5C Sample Data for Quahog Area III

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

[2] = summation of detected 136 PCB congeners

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

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

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

[6] = summation of 5 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
J = estimated value
UJ = not detect; estimated value
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 1A Sample Data for Lobster Meat (mg/kg wet weight) Area II 2003

Parameter	Units	Sample# / Species / Area / Station / Weight (grams)		NBH03-L-A-2 Lobster / Meat II Station A 5.26		NBH03-L-B-2 Lobster / Meat II Station B 5.22		NBH03-L-C-2 Lobster / Meat II Station C 5.4		NBH03-L-D-2 Lobster / Meat II Station D 5.23		NBH03-L-E-2 Lobster / Meat II Station E 5.41	
Lipids	PERCENT			0.38		0.23		0.48		0.52		0.41	
Total PCB Congeners[1]	MG/KG			0.12	J2	0.11	J2	0.33	J3	0.21	J3	0.15	J3
Total PCB Congeners Hits[2]	MG/KG			0.11		0.095		0.31		0.20		0.14	
Total NOAA Congeners[3]	MG/KG			0.073	J4	0.069	J3	0.22	J4	0.13	J4	0.093	J3
Total WHO Congeners[4]	MG/KG			0.029	J3	0.031	J3	0.085	J4	0.051	J3	0.037	J3
Total NOAA / WHO Combined[5]	MG/KG			0.076	J3	0.073	J3	0.23	J4	0.13	J3	0.098	J3
Total Aroclors[6]	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl1-BZ#1	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl1-BZ#3	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl2-BZ#4/#10	MG/KG			0.00095	U	0.00096	U	0.00093	U	0.00096	U	0.00092	U
Cl2-BZ#5/#8	MG/KG			0.00024	J	0.00015	J	0.0002	J	0.00032	J	0.00092	U
Cl2-BZ#6	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00011	J	0.00046	U
Cl2-BZ#7	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl2-BZ#12/#13	MG/KG			0.00095	U	0.00046	J	0.00014	J	0.00017	J	0.00092	U
Cl2-BZ#15	MG/KG			0.00027	J	0.00015	J	0.00027	J	0.00052		0.00012	J
Cl3-BZ#16/#32	MG/KG			0.00045	J	0.00042	J	0.00084	J	0.0012		0.0003	J
Cl3-BZ#17	MG/KG			0.00013	J	0.00018	J	0.0002	J	0.00044	J	0.00009	J
Cl3-BZ#18	MG/KG			0.00015	J	0.00013	J	0.00035	J	0.00074		0.00018	J
Cl3-BZ#19	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl3-BZ#21/#33	MG/KG			0.00012	J	0.00096	U	0.00021	J	0.00021	J	0.00011	J
Cl3-BZ#22	MG/KG			0.00021	J	0.00048	U	0.00023	J	0.0004	J	0.00017	J
Cl3-BZ#24/#27	MG/KG			0.00095	U	0.00096	U	0.00093	U	0.00021	J	0.00092	U
Cl3-BZ#25	MG/KG			0.00048	U	0.00048	U	0.00019	J	0.00039	J	0.00013	J
Cl3-BZ#26	MG/KG			0.00029	J	0.0002	J	0.00068		0.00083		0.0004	J
Cl3-BZ#28/#31	MG/KG			0.0039		0.0037		0.0082		0.011		0.0034	
Cl3-BZ#29	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl3-BZ#37	MG/KG			0.00038	J	0.00031	J	0.00058		0.00072		0.00013	J
Cl4-BZ#40	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#41/#71	MG/KG			0.00047	J	0.00016	J	0.00081	J	0.0013		0.00078	J
Cl4-BZ#42	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00026	J	0.00046	U
Cl4-BZ#43/#49	MG/KG			0.00032	J	0.00017	J	0.0006	J	0.0013		0.00083	J
Cl4-BZ#44	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00023	J	0.00046	U
Cl4-BZ#45	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#46	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#47/#48	MG/KG			0.0028		0.0026		0.0054		0.006		0.003	
Cl4-BZ#50	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#51	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#52	MG/KG			0.001		0.00036	J	0.0018		0.002		0.00097	
Cl4-BZ#53	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00012	J	0.00046	U
Cl4-BZ#54	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#56/#60	MG/KG			0.00051	J	0.00056	J	0.0014		0.0014		0.00069	J
Cl4-BZ#63	MG/KG			0.00027	J	0.00028	J	0.00082		0.00051		0.0004	J
Cl4-BZ#64	MG/KG			0.00043	J	0.00038	J	0.001		0.0012		0.0003	J
Cl4-BZ#66	MG/KG			0.0043		0.0044		0.0099		0.0076		0.0049	
Cl4-BZ#70	MG/KG			0.00036	J	0.00024	J	0.00083		0.001		0.00043	J
Cl4-BZ#74	MG/KG			0.0032		0.0032		0.0074		0.0071		0.0049	
Cl4-BZ#76	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl4-BZ#77	MG/KG			0.00065		0.0005		0.0013		0.00096		0.00036	J
Cl4-BZ#81	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl5-BZ#82	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl5-BZ#83	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00022	J	0.00046	U
Cl5-BZ#85	MG/KG			0.0013		0.00097		0.0034		0.0024		0.0014	
Cl5-BZ#87	MG/KG			0.00084		0.00074		0.0025		0.0015		0.0012	
Cl5-BZ#89	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl5-BZ#91	MG/KG			0.00014	J	0.00048	U	0.00046	U	0.00039	J	0.00015	J
Cl5-BZ#92	MG/KG			0.00096		0.00024	J	0.0014		0.0015		0.00059	
Cl5-BZ#95	MG/KG			0.00034	J	0.00016	J	0.00028	J	0.00054		0.00025	J
Cl5-BZ#97	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.0001	J
Cl5-BZ#99	MG/KG			0.0077		0.0052		0.019		0.014		0.0099	
Cl5-BZ#100	MG/KG			0.00048	U	0.00048	U	0.00023	J	0.00022	J	0.00018	J
Cl5-BZ#101/#84	MG/KG			0.0021		0.00088	J	0.0064		0.004		0.0039	
Cl5-BZ#104	MG/KG			0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl5-BZ#105	MG/KG			0.0032		0.0029		0.0096		0.0058		0.0037	
Cl5-BZ#107	MG/KG			0.0011		0.00078		0.004		0.0015		0.0015	
Cl5-BZ#110	MG/KG			0.0014		0.00033	J	0.0023		0.0037		0.0015	
Cl5-BZ#114	MG/KG			0.00048	U	0.00048	U	0.00051		0.00028	J	0.00019	J
Cl5-BZ#118	MG/KG			0.018		0.021		0.054		0.034		0.025	

Table 1A Sample Data for Lobster Meat (mg/kg wet weight) Area II 2003

	Sample#	NBH03-L-A-2		NBH03-L-B-2		NBH03-L-C-2		NBH03-L-D-2		NBH03-L-E-2	
Cl5-BZ#119	MG/KG	0.00038	J	0.00024	J	0.001		0.00092		0.00071	
Cl5-BZ#123	MG/KG	0.00039	J	0.00032	J	0.00089		0.00065		0.0005	
Cl5-BZ#124	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00013	J	0.00046	U
Cl5-BZ#126	MG/KG	0.00048	U	0.00048	U	0.00033	J	0.00048	U	0.00046	U
Cl6-BZ#129	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl6-BZ#130	MG/KG	0.00038	J	0.00048	U	0.0012		0.00078		0.00042	J
Cl6-BZ#131	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl6-BZ#132/#168	MG/KG	0.00095	U	0.00096	U	0.00093	U	0.00096	U	0.00092	U
Cl6-BZ#134	MG/KG	0.00048	U	0.00048	U	0.00093		0.00063		0.00046	U
Cl6-BZ#135/#144	MG/KG	0.00029	J	0.00096	U	0.00033	J	0.00046	J	0.0002	J
Cl6-BZ#136	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl6-BZ#137	MG/KG	0.00067		0.00056		0.0019		0.0011		0.00089	
Cl6-BZ#138/#163	MG/KG	0.012		0.009		0.033		0.019		0.013	
Cl6-BZ#141	MG/KG	0.00048	U	0.00048	U	0.00018	J	0.00048	U	0.00018	J
Cl6-BZ#146	MG/KG	0.0034		0.003		0.012		0.0051		0.0041	
Cl6-BZ#147	MG/KG	0.00079		0.00039	J	0.0014		0.0011		0.00079	
Cl6-BZ#149	MG/KG	0.00089		0.00017	J	0.0011		0.0019		0.00089	
Cl6-BZ#151	MG/KG	0.00037	J	0.00048	U	0.00035	J	0.00063		0.00037	J
Cl6-BZ#153	MG/KG	0.018		0.019		0.068		0.03		0.027	
Cl6-BZ#154	MG/KG	0.00048	U	0.00048	U	0.00019	J	0.00024	J	0.00026	J
Cl6-BZ#155	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl6-BZ#156	MG/KG	0.0013		0.0013		0.0052		0.0023		0.0017	
Cl6-BZ#157	MG/KG	0.00037	J	0.00038	J	0.0014		0.00055		0.00048	
Cl6-BZ#158	MG/KG	0.00094		0.00065		0.0024		0.0018		0.0011	
Cl6-BZ#167/#128	MG/KG	0.0035		0.0029		0.011		0.0055		0.0041	
Cl6-BZ#169	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#170/#190	MG/KG	0.0012		0.00081	J	0.0042		0.0017		0.0013	
Cl7-BZ#171	MG/KG	0.00029	J	0.00017	J	0.00071		0.00051		0.00033	J
Cl7-BZ#172	MG/KG	0.00024	J	0.00026	J	0.00052		0.00043	J	0.00017	J
Cl7-BZ#173	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#174	MG/KG	0.00016	J	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#175	MG/KG	0.00048	U	0.00048	U	0.0002	J	0.00048	U	0.00046	U
Cl7-BZ#176	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#177	MG/KG	0.00043	J	0.00025	J	0.00074		0.00063		0.00028	J
Cl7-BZ#178	MG/KG	0.00045	J	0.00036	J	0.00096		0.00052		0.00039	J
Cl7-BZ#180	MG/KG	0.0019		0.0015		0.0075		0.0029		0.0023	
Cl7-BZ#182/#187	MG/KG	0.0024		0.0016		0.0064		0.0031		0.0025	
Cl7-BZ#183	MG/KG	0.00047	J	0.00038	J	0.0013		0.00076		0.00061	
Cl7-BZ#184	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#185	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#188	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl7-BZ#189	MG/KG	0.00015	J	0.00048	U	0.00031	J	0.00048	U	0.00046	U
Cl7-BZ#191	MG/KG	0.00048	U	0.00048	U	0.00021	J	0.00048	U	0.00046	U
Cl7-BZ#193	MG/KG	0.00013	J	0.00014	J	0.00056		0.00027	J	0.00018	J
Cl8-BZ#194	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#195	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#196/203	MG/KG	0.00095	U	0.00096	U	0.00093	U	0.00096	U	0.00092	U
Cl8-BZ#197	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#199	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#200	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#201	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#202	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl8-BZ#205	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl9-BZ#206	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl9-BZ#207	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Cl9-BZ#208	MG/KG	0.00048	U	0.00048	U	0.00025	J	0.00048	U	0.00046	U
Cl10-BZ#209	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Aroclor-1232	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Aroclor-1242	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Aroclor-1248	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Aroclor-1254	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U
Aroclor-1260	MG/KG	0.00048	U	0.00048	U	0.00046	U	0.00048	U	0.00046	U

Table 1B Sample Data for Lobster Tomalley (mg/kg wet weight) Area II 2003

Parameter	Sample# / Species / Area / Station / Weight (grams) / Units	NBH03-L-A-2 Lobster / Tomalley II Station A 3.31		NBH03-L-B-2 Lobster / Tomalley II Station B 3.36		NBH03-L-C-2 Lobster / Tomalley II Station C 3.34		NBH03-L-D-2 Lobster / Tomalley II Station D 3.44		NBH03-L-E-2 Lobster / Tomalley II Station E 3.38	
Lipids	PERCENT	21		13		9.5		19		24	
Total PCB Congeners[1]	MG/KG	12	J4	9.3	J4	22	J4	25	J4	43	J4
Total PCB Congeners Hits[2]	MG/KG	12		9.3		22		25		43	
Total NOAA Congeners[3]	MG/KG	8.0	J4	6.8	J4	16	J4	16	J4	26	J4
Total WHO Congeners[4]	MG/KG	2.8	J4	2.6	J4	5.5	J4	5.8	J4	9.6	J4
Total NOAA / WHO Combined[5]	MG/KG	8.3	J4	7.0	J4	16	J4	17	J4	27	J4
Total Aroclors[6]	MG/KG	1.7	J4	1.1	J4	4.4	J4	3.0	J4	3.7	J4
Cl1-BZ#1	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl1-BZ#3	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl2-BZ#4/#10	MG/KG	0.0014	J	0.0016		0.002		0.007		0.028	
Cl2-BZ#5/#8	MG/KG	0.0088		0.0059		0.0064		0.025		0.078	
Cl2-BZ#6	MG/KG	0.002		0.001		0.0018		0.0075		0.032	
Cl2-BZ#7	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl2-BZ#12/#13	MG/KG	0.0044		0.0047		0.0047		0.017		0.063	
Cl2-BZ#15	MG/KG	0.014		0.013		0.014		0.053		0.12	
Cl3-BZ#16/#32	MG/KG	0.026		0.024		0.033		0.11		0.29	
Cl3-BZ#17	MG/KG	0.0055		0.0051		0.0084		0.036		0.12	
Cl3-BZ#18	MG/KG	0.0071		0.0071		0.014		0.056		0.2	
Cl3-BZ#19	MG/KG	0.00035	J	0.00031	J	0.00043	J	0.0019		0.0064	
Cl3-BZ#21/#33	MG/KG	0.0058		0.0053		0.0094		0.016		0.039	
Cl3-BZ#22	MG/KG	0.009		0.0055		0.011		0.034		0.11	
Cl3-BZ#24/#27	MG/KG	0.0012	J	0.00094	J	0.0018		0.011		0.03	
Cl3-BZ#25	MG/KG	0.0042		0.0035		0.0069		0.036		0.13	
Cl3-BZ#26	MG/KG	0.016		0.012		0.028		0.072		0.29	
Cl3-BZ#28/#31	MG/KG	0.35		0.35		0.52		1.2		2.8	
Cl3-BZ#29	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00092	
Cl3-BZ#37	MG/KG	0.025		0.025		0.029		0.08		0.14	
Cl4-BZ#40	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl4-BZ#41/#71	MG/KG	0.033		0.012		0.048		0.16		0.44	
Cl4-BZ#42	MG/KG	0.001		0.00065	J	0.0013		0.012		0.024	
Cl4-BZ#43/#49	MG/KG	0.022		0.011		0.027		0.14		0.38	
Cl4-BZ#44	MG/KG	0.0023		0.0017		0.0044		0.015		0.048	
Cl4-BZ#45	MG/KG	0.00042	J	0.00036	J	0.00079		0.003		0.0085	
Cl4-BZ#46	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl4-BZ#47/#48	MG/KG	0.27		0.24		0.36		0.74		1.5	
Cl4-BZ#50	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00023	J	0.00047	J
Cl4-BZ#51	MG/KG	0.0011		0.00086		0.0014		0.005		0.015	
Cl4-BZ#52	MG/KG	0.078		0.032		0.097		0.22		0.57	
Cl4-BZ#53	MG/KG	0.00076		0.00042	J	0.00087		0.0065		0.017	
Cl4-BZ#54	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl4-BZ#56/#60	MG/KG	0.052		0.046		0.095		0.16		0.37	
Cl4-BZ#63	MG/KG	0.025		0.019		0.054		0.057		0.13	
Cl4-BZ#64	MG/KG	0.032		0.028		0.056		0.11		0.29	
Cl4-BZ#66	MG/KG	0.43		0.42		0.58		0.87		1.6	
Cl4-BZ#70	MG/KG	0.037		0.01		0.044		0.1		0.23	
Cl4-BZ#74	MG/KG	0.26		0.26		0.5		0.62		1.4	
Cl4-BZ#76	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl4-BZ#77	MG/KG	0.052		0.051		0.087		0.12		0.23	
Cl4-BZ#81	MG/KG	0.002		0.0019		0.0029		0.005		0.0097	
Cl5-BZ#82	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.0087	
Cl5-BZ#83	MG/KG	0.0048		0.00083		0.0027		0.02		0.027	
Cl5-BZ#85	MG/KG	0.13		0.092		0.23		0.3		0.41	
Cl5-BZ#87	MG/KG	0.083		0.068		0.18		0.2		0.36	
Cl5-BZ#89	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl5-BZ#91	MG/KG	0.0057		0.0012		0.0032		0.035		0.063	
Cl5-BZ#92	MG/KG	0.079		0.02		0.091		0.19		0.34	
Cl5-BZ#95	MG/KG	0.0087		0.0029		0.0074		0.035		0.073	
Cl5-BZ#97	MG/KG	0.0018		0.005		0.0013		0.011		0.02	
Cl5-BZ#99	MG/KG	0.82		0.54		1.3		1.8		3.4	
Cl5-BZ#100	MG/KG	0.0065		0.0036		0.009		0.019		0.04	
Cl5-BZ#101/#84	MG/KG	0.22		0.083		0.43		0.54		1.2	
Cl5-BZ#104	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl5-BZ#105	MG/KG	0.32		0.28		0.58		0.65		1.1	

Prepared by: BJS
Checked by: JPC
revised 10/13/09 BJS

Table 1B Sample Data for Lobster Tomalley (mg/kg wet weight) Area II 2003

	Sample#	NBH03-L-A-2		NBH03-L-B-2		NBH03-L-C-2		NBH03-L-D-2		NBH03-L-E-2	
Cl5-BZ#107	MG/KG	0.12		0.072		0.31		0.23		0.38	
Cl5-BZ#110	MG/KG	0.12	J	0.029	J	0.14	J	0.44	J	0.85	J
Cl5-BZ#114	MG/KG	0.013		0.013		0.032		0.036		0.073	
Cl5-BZ#118	MG/KG	1.9		1.8		3.3		3.7		6.3	
Cl5-BZ#119	MG/KG	0.038		0.022		0.069		0.12		0.25	
Cl5-BZ#123	MG/KG	0.031		0.03		0.06		0.071		0.15	
Cl5-BZ#124	MG/KG	0.0052		0.0012		0.0067		0.016		0.035	
Cl5-BZ#126	MG/KG	0.0076		0.0084		0.019		0.016		0.029	
Cl6-BZ#129	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl6-BZ#130	MG/KG	0.045		0.019		0.095		0.096		0.16	
Cl6-BZ#131	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl6-BZ#132/#168	MG/KG	0.0015	U	0.0015	U	0.0015	U	0.02		0.022	
Cl6-BZ#134	MG/KG	0.037		0.03		0.072		0.086		0.11	
Cl6-BZ#135/#144	MG/KG	0.026		0.0057		0.02		0.055		0.09	
Cl6-BZ#136	MG/KG	0.00069	J	0.00018	J	0.00028	J	0.003		0.0051	
Cl6-BZ#137	MG/KG	0.06		0.048		0.13		0.15		0.22	
Cl6-BZ#138/#163	MG/KG	1.4		0.94		2.4		2.6		3.5	
Cl6-BZ#141	MG/KG	0.01		0.002		0.013		0.029		0.059	
Cl6-BZ#146	MG/KG	0.38		0.32		0.9		0.69		0.96	
Cl6-BZ#147	MG/KG	0.045		0.032		0.094		0.11		0.2	
Cl6-BZ#149	MG/KG	0.077	J	0.015	J	0.066	J	0.23	J	0.46	J
Cl6-BZ#151	MG/KG	0.018		0.0033		0.019		0.064		0.09	
Cl6-BZ#153	MG/KG	2.4		2.2		5.4		4.6		6.4	
Cl6-BZ#154	MG/KG	0.0091		0.0029		0.015		0.034		0.074	
Cl6-BZ#155	MG/KG	0.00024	J	0.00015	J	0.00022	J	0.00038	J	0.00056	J
Cl6-BZ#156	MG/KG	0.14		0.11		0.39		0.32		0.46	
Cl6-BZ#157	MG/KG	0.036		0.029		0.1		0.072		0.097	
Cl6-BZ#158	MG/KG	0.098		0.066		0.19		0.25		0.4	
Cl6-BZ#167/#128	MG/KG	0.34		0.27		0.86		0.75		1.1	
Cl6-BZ#169	MG/KG	0.00036	J	0.00027	J	0.00069	J	0.00065	J	0.00071	J
Cl7-BZ#170/#190	MG/KG	0.11		0.069		0.29		0.2		0.24	
Cl7-BZ#171	MG/KG	0.019		0.014		0.045		0.045		0.055	
Cl7-BZ#172	MG/KG	0.016		0.01		0.038		0.033		0.04	
Cl7-BZ#173	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00024	J
Cl7-BZ#174	MG/KG	0.0074		0.0012		0.0055		0.015		0.021	
Cl7-BZ#175	MG/KG	0.0046		0.0034		0.012		0.0093		0.013	
Cl7-BZ#176	MG/KG	0.00033	J	0.00074	U	0.00075	U	0.00094		0.00098	
Cl7-BZ#177	MG/KG	0.041		0.018		0.049		0.071		0.08	
Cl7-BZ#178	MG/KG	0.032		0.025		0.062		0.061		0.078	
Cl7-BZ#180	MG/KG	0.22		0.15		0.6		0.43		0.53	
Cl7-BZ#182/#187	MG/KG	0.21		0.16		0.54		0.41		0.55	
Cl7-BZ#183	MG/KG	0.043	J	0.03	J	0.1	J	0.096	J	0.13	J
Cl7-BZ#184	MG/KG	0.00017	J	0.00074	U	0.00025	J	0.00028	J	0.00031	J
Cl7-BZ#185	MG/KG	0.00063	J	0.00021	J	0.00049	J	0.0011		0.0019	
Cl7-BZ#188	MG/KG	0.0012		0.00085		0.0026		0.0023		0.004	
Cl7-BZ#189	MG/KG	0.007		0.005		0.019		0.014		0.017	
Cl7-BZ#191	MG/KG	0.0049		0.0039		0.013		0.011		0.015	
Cl7-BZ#193	MG/KG	0.017		0.013		0.043		0.034		0.042	
Cl8-BZ#194	MG/KG	0.021		0.013		0.059		0.032		0.04	
Cl8-BZ#195	MG/KG	0.0053		0.003		0.012		0.0078		0.011	
Cl8-BZ#196/203	MG/KG	0.025		0.016		0.059		0.04		0.051	
Cl8-BZ#197	MG/KG	0.0011		0.00085		0.0022		0.0018		0.002	
Cl8-BZ#199	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00037	J
Cl8-BZ#200	MG/KG	0.0048		0.0035		0.01		0.0072		0.0084	
Cl8-BZ#201	MG/KG	0.027		0.015		0.058		0.041		0.046	
Cl8-BZ#202	MG/KG	0.012		0.0085		0.021		0.018		0.02	
Cl8-BZ#205	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Cl9-BZ#206	MG/KG	0.0089		0.0047		0.015		0.0077		0.0097	
Cl9-BZ#207	MG/KG	0.0014		0.001		0.0024		0.0014		0.0015	
Cl9-BZ#208	MG/KG	0.005		0.0031		0.0072		0.0049		0.0056	
Cl10-BZ#209	MG/KG	0.0038		0.0019		0.0036		0.002		0.0018	
Aroclor-1232	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Aroclor-1242	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Aroclor-1248	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Aroclor-1254	MG/KG	0.00076	U	0.00074	U	0.00075	U	0.00073	U	0.00074	U
Aroclor-1260	MG/KG	1.7		1.1		4.4		3		3.7	

Prepared by: BJS
Checked by: JPC
revised 10/13/09 BJS

Table 1C Sample Data for Lobster Meat (mg/kg wet weight) Area III 2003

Parameter	Units	Sample#	NBH03-L-A-3		NBH03-L-B-3		NBH03-L-C-3		NBH03-L-D-3		NBH03-L-E-3	
		Species	Lobster / Meat		Lobster / Meat		Lobster / Meat		Lobster / Meat		Lobster / Meat	
		Area	III		III		III		III		III	
		Station	Station A		Station B		Station C		Station D		Station E	
		Weight (grams)	5.25		5.34		5.41		5.29		5.27	
Lipids	PERCENT		0.31		0.38		0.39		0.30		0.47	
Total PCB Congeners[1]	MG/KG		0.11	J2	0.088	J2	0.12	J2	0.089	J2	0.32	J3
Total PCB Congeners Hits[2]	MG/KG		0.092		0.071		0.10		0.073		0.31	
Total NOAA Congeners[3]	MG/KG		0.064	J3	0.049	J3	0.076	J3	0.049	J3	0.18	J4
Total WHO Congeners[4]	MG/KG		0.026	J3	0.019	J3	0.029	J3	0.018	J3	0.070	J4
Total NOAA / WHO Combined[5]	MG/KG		0.067	J3	0.052	J3	0.080	J3	0.052	J3	0.19	J4
Total Aroclors[6]	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl1-BZ#1	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl1-BZ#3	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl2-BZ#4/#10	MG/KG		0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.00048	J
Cl2-BZ#5/#8	MG/KG		0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.00098	
Cl2-BZ#6	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00043	J
Cl2-BZ#7	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl2-BZ#12/#13	MG/KG		0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.0011	
Cl2-BZ#15	MG/KG		0.0001	J	0.00011	J	0.00046	U	0.00009	J	0.0011	
Cl3-BZ#16/#32	MG/KG		0.00045	J	0.00027	J	0.00026	J	0.00026	J	0.0029	
Cl3-BZ#17	MG/KG		0.00012	J	0.00047	U	0.00046	U	0.00047	U	0.0015	
Cl3-BZ#18	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.0024	
Cl3-BZ#19	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00028	J
Cl3-BZ#21/#33	MG/KG		0.00095	U	0.00014	J	0.0001	J	0.00095	U	0.00051	J
Cl3-BZ#22	MG/KG		0.00017	J	0.00047	U	0.00046	U	0.00047	U	0.0011	
Cl3-BZ#24/#27	MG/KG		0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.00053	J
Cl3-BZ#25	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.0014	
Cl3-BZ#26	MG/KG		0.00014	J	0.00018	J	0.00009	J	0.0002	J	0.0032	
Cl3-BZ#28/#31	MG/KG		0.0044		0.002		0.0018		0.0017		0.025	
Cl3-BZ#29	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl3-BZ#37	MG/KG		0.00019	J	0.00021	J	0.0002	J	0.00021	J	0.0012	
Cl4-BZ#40	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl4-BZ#41/#71	MG/KG		0.00062	J	0.00019	J	0.00028	J	0.00035	J	0.0036	
Cl4-BZ#42	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.0003	J
Cl4-BZ#43/#49	MG/KG		0.00027	J	0.00041	J	0.00016	J	0.00043	J	0.0037	
Cl4-BZ#44	MG/KG		0.00048	U	0.00013	J	0.00046	U	0.00015	J	0.00074	
Cl4-BZ#45	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00015	J
Cl4-BZ#46	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl4-BZ#47/#48	MG/KG		0.002		0.0014		0.0014		0.0014		0.011	
Cl4-BZ#50	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl4-BZ#51	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00017	J
Cl4-BZ#52	MG/KG		0.00056		0.00068		0.00038	J	0.00062		0.0054	
Cl4-BZ#53	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00034	J
Cl4-BZ#54	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl4-BZ#56/#60	MG/KG		0.00072	J	0.00033	J	0.00031	J	0.00039	J	0.0028	
Cl4-BZ#63	MG/KG		0.00029	J	0.00015	J	0.00025	J	0.0002	J	0.00092	
Cl4-BZ#64	MG/KG		0.00036	J	0.00026	J	0.00031	J	0.00032	J	0.0023	
Cl4-BZ#66	MG/KG		0.0034		0.0023		0.0028		0.0022		0.012	
Cl4-BZ#70	MG/KG		0.00027	J	0.00037	J	0.00023	J	0.00027	J	0.0019	
Cl4-BZ#74	MG/KG		0.004		0.0017		0.0019		0.0016		0.011	
Cl4-BZ#76	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl4-BZ#77	MG/KG		0.0005		0.00036	J	0.00041	J	0.00032	J	0.0017	
Cl4-BZ#81	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl5-BZ#82	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl5-BZ#83	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00031	J
Cl5-BZ#85	MG/KG		0.00078		0.00087		0.0012		0.00085		0.0028	
Cl5-BZ#87	MG/KG		0.00069		0.00063		0.00074		0.00075		0.0024	
Cl5-BZ#89	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl5-BZ#91	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00063	
Cl5-BZ#92	MG/KG		0.00042	J	0.00052		0.00041	J	0.00043	J	0.0023	
Cl5-BZ#95	MG/KG		0.00029	J	0.00024	J	0.00027	J	0.00021	J	0.00087	
Cl5-BZ#97	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00018	J
Cl5-BZ#99	MG/KG		0.0051		0.0053		0.0048		0.0051		0.023	
Cl5-BZ#100	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.0003	J
Cl5-BZ#101/#84	MG/KG		0.0017		0.0018		0.0017		0.0017		0.0077	
Cl5-BZ#104	MG/KG		0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl5-BZ#105	MG/KG		0.0027		0.0018		0.0026		0.0019		0.0081	

Table 1C Sample Data for Lobster Meat (mg/kg wet weight) Area III 2003

	Sample#	NBH03-L-A-3		NBH03-L-B-3		NBH03-L-C-3		NBH03-L-D-3		NBH03-L-E-3	
Cl5-BZ#107	MG/KG	0.00097		0.00078		0.0013		0.00086		0.0023	
Cl5-BZ#110	MG/KG	0.00097		0.00091		0.00058		0.00095		0.0067	
Cl5-BZ#114	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00048	
Cl5-BZ#118	MG/KG	0.017		0.012		0.018		0.011		0.048	
Cl5-BZ#119	MG/KG	0.00036	J	0.00032	J	0.00027	J	0.00029	J	0.0016	
Cl5-BZ#123	MG/KG	0.00031	J	0.00047	U	0.00031	J	0.00047	U	0.001	
Cl5-BZ#124	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl5-BZ#126	MG/KG	0.00011	J	0.00047	U	0.00046	U	0.00047	U	0.00024	J
Cl6-BZ#129	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl6-BZ#130	MG/KG	0.00034	J	0.00029	J	0.0004	J	0.0003	J	0.00091	
Cl6-BZ#131	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl6-BZ#132/#168	MG/KG	0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.00095	U
Cl6-BZ#134	MG/KG	0.00033	J	0.00047	U	0.00039	J	0.00036	J	0.00084	
Cl6-BZ#135/#144	MG/KG	0.00013	J	0.00094	U	0.0003	J	0.00021	J	0.00074	J
Cl6-BZ#136	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl6-BZ#137	MG/KG	0.00042	J	0.00041	J	0.00055		0.00038	J	0.0014	
Cl6-BZ#138/#163	MG/KG	0.008		0.0078		0.012		0.0084		0.022	
Cl6-BZ#141	MG/KG	0.00048	U	0.00018	J	0.00046	U	0.00047	U	0.00042	J
Cl6-BZ#146	MG/KG	0.003		0.0023		0.0047		0.0024		0.0059	
Cl6-BZ#147	MG/KG	0.00053		0.00042	J	0.00063		0.0005		0.0016	
Cl6-BZ#149	MG/KG	0.00044	J	0.00071		0.00033	J	0.00077		0.0031	
Cl6-BZ#151	MG/KG	0.00018	J	0.00026	J	0.00014	J	0.00025	J	0.00078	
Cl6-BZ#153	MG/KG	0.018	J	0.013		0.025		0.014		0.035	
Cl6-BZ#154	MG/KG	0.00048	U	0.0001	J	0.00046	U	0.00013	J	0.00051	
Cl6-BZ#155	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl6-BZ#156	MG/KG	0.0011		0.00088		0.0016		0.0009		0.0028	
Cl6-BZ#157	MG/KG	0.00035	J	0.0003	J	0.00059		0.00035	J	0.00064	
Cl6-BZ#158	MG/KG	0.00068		0.00054		0.00059		0.0006		0.0024	
Cl6-BZ#167/#128	MG/KG	0.0026		0.0023		0.0039		0.0024		0.0064	
Cl6-BZ#169	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#170/#190	MG/KG	0.00068	J	0.00076	J	0.0014		0.00088	J	0.0015	
Cl7-BZ#171	MG/KG	0.00026	J	0.00019	J	0.0003	J	0.00024	J	0.00036	J
Cl7-BZ#172	MG/KG	0.00017	J	0.00023	J	0.00027	J	0.00023	J	0.00034	J
Cl7-BZ#173	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#174	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.0002	J	0.00015	J
Cl7-BZ#175	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#176	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#177	MG/KG	0.00031	J	0.00032	J	0.00049		0.00032	J	0.00056	
Cl7-BZ#178	MG/KG	0.00034	J	0.0003	J	0.00053		0.00034	J	0.00066	
Cl7-BZ#180	MG/KG	0.0014		0.0014		0.0022		0.0015		0.003	
Cl7-BZ#182/#187	MG/KG	0.0018		0.0015		0.0027		0.0015		0.0033	
Cl7-BZ#183	MG/KG	0.00039	J	0.00035	J	0.00051		0.0004	J	0.00081	
Cl7-BZ#184	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#185	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#188	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl7-BZ#189	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00013	J
Cl7-BZ#191	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00011	J
Cl7-BZ#193	MG/KG	0.00017	J	0.00013	J	0.00028	J	0.00022	J	0.00029	J
Cl8-BZ#194	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#195	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#196/203	MG/KG	0.00095	U	0.00094	U	0.00092	U	0.00095	U	0.00095	U
Cl8-BZ#197	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#199	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#200	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#201	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#202	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl8-BZ#205	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl9-BZ#206	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl9-BZ#207	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl9-BZ#208	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Cl10-BZ#209	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Aroclor-1232	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Aroclor-1242	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Aroclor-1248	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Aroclor-1254	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U
Aroclor-1260	MG/KG	0.00048	U	0.00047	U	0.00046	U	0.00047	U	0.00047	U

Table 1D Sample Data for Lobster Tomalley (mg/kg wet weight) Area III 2003

Parameter	Units	Sample#	NBH03-L-A-3		NBH03-L-B-3		NBH03-L-C-3		NBH03-L-D-3		NBH03-L-E-3	
		Species	Lobster / Tomalley		Lobster / Tomalley		Lobster / Tomalley		Lobster / Tomalley		Lobster / Tomalley	
		Area	III		III		III		III		III	
		Station	Station A		Station B		Station C		Station D		Station E	
		Weight (grams)	3.38		3.35		3.28		3.18		3.33	
Lipids	PERCENT		19		22		9.8		20		28	
Total PCB Congeners[1]	MG/KG		10	J4	6.1	J4	4.5	J4	9.2	J4	25	J4
Total PCB Congeners Hits[2]	MG/KG		10		6.1		4.5		9.2		25	
Total NOAA Congeners[3]	MG/KG		7.3	J4	4.2	J4	3.3	J4	6.4	J4	17	J4
Total WHO Congeners[4]	MG/KG		2.6	J4	1.4	J4	1.0	J4	2.0	J4	5.7	J4
Total NOAA / WHO Combined[5]	MG/KG		7.6	J4	4.4	J4	3.4	J4	6.6	J4	18	J4
Total Aroclors[6]	MG/KG		1.1	J4	0.91	J4	0.71	J4	1.4	J4	3.6	J4
Cl1-BZ#1	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl1-BZ#3	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl2-BZ#4/#10	MG/KG		0.0012	J	0.00082	J	0.00041	J	0.00079	J	0.0021	
Cl2-BZ#5/#8	MG/KG		0.0065		0.0035		0.0019		0.0031		0.0071	
Cl2-BZ#6	MG/KG		0.0013		0.0011		0.00069	J	0.00094		0.0025	
Cl2-BZ#7	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl2-BZ#12/#13	MG/KG		0.0034		0.0016		0.00099	J	0.0012	J	0.0036	
Cl2-BZ#15	MG/KG		0.0084		0.0045		0.0024		0.0037		0.0078	
Cl3-BZ#16/#32	MG/KG		0.033		0.012		0.0075		0.014		0.036	
Cl3-BZ#17	MG/KG		0.0053		0.0034		0.0018		0.0043		0.0099	
Cl3-BZ#18	MG/KG		0.0064		0.0047		0.0021		0.006		0.017	
Cl3-BZ#19	MG/KG		0.0003	J	0.00019	J	0.00076	U	0.00079	U	0.00074	J
Cl3-BZ#21/#33	MG/KG		0.0033		0.0028		0.0015	J	0.0027		0.0071	
Cl3-BZ#22	MG/KG		0.0099		0.0026		0.0018		0.0044		0.012	
Cl3-BZ#24/#27	MG/KG		0.00096	J	0.00093	J	0.00032	J	0.00099	J	0.0031	
Cl3-BZ#25	MG/KG		0.0032		0.0024		0.0012		0.003		0.012	
Cl3-BZ#26	MG/KG		0.01		0.0087		0.0052		0.012		0.036	
Cl3-BZ#28/#31	MG/KG		0.52		0.13		0.083		0.17		0.53	
Cl3-BZ#29	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl3-BZ#37	MG/KG		0.015		0.008		0.0042		0.0076		0.015	
Cl4-BZ#40	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl4-BZ#41/#71	MG/KG		0.075		0.019		0.011		0.038		0.12	
Cl4-BZ#42	MG/KG		0.00083		0.00093		0.00037	J	0.00088		0.0042	
Cl4-BZ#43/#49	MG/KG		0.02		0.027		0.0071		0.031		0.12	
Cl4-BZ#44	MG/KG		0.0025		0.0022		0.00067	J	0.0023		0.007	
Cl4-BZ#45	MG/KG		0.0005	J	0.00039	J	0.00076	U	0.00057	J	0.0013	
Cl4-BZ#46	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl4-BZ#47/#48	MG/KG		0.21		0.094		0.053		0.14		0.55	
Cl4-BZ#50	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl4-BZ#51	MG/KG		0.0013		0.00099		0.00062	J	0.00099		0.0033	
Cl4-BZ#52	MG/KG		0.044		0.044		0.023		0.062		0.17	
Cl4-BZ#53	MG/KG		0.00061	J	0.001		0.00034	J	0.0009		0.0032	
Cl4-BZ#54	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl4-BZ#56/#60	MG/KG		0.07		0.02		0.016		0.033		0.13	
Cl4-BZ#63	MG/KG		0.035		0.01		0.0087		0.016		0.072	
Cl4-BZ#64	MG/KG		0.031		0.017		0.01		0.023		0.071	
Cl4-BZ#66	MG/KG		0.36		0.17		0.1		0.24		0.94	J
Cl4-BZ#70	MG/KG		0.018		0.022		0.013		0.028		0.064	
Cl4-BZ#74	MG/KG		0.35		0.1		0.075		0.16		0.66	J
Cl4-BZ#76	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl4-BZ#77	MG/KG		0.042		0.02		0.016		0.028		0.072	
Cl4-BZ#81	MG/KG		0.0023		0.00079		0.00056	J	0.001		0.0033	
Cl5-BZ#82	MG/KG		0.0013		0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl5-BZ#83	MG/KG		0.0024		0.0037		0.00095		0.0035		0.0073	
Cl5-BZ#85	MG/KG		0.077		0.055		0.038		0.082		0.26	
Cl5-BZ#87	MG/KG		0.085		0.042		0.032		0.057		0.22	
Cl5-BZ#89	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl5-BZ#91	MG/KG		0.0035		0.0052		0.002		0.0069		0.02	
Cl5-BZ#92	MG/KG		0.049		0.04		0.019		0.048		0.097	
Cl5-BZ#95	MG/KG		0.0058		0.0084		0.0023		0.0073		0.019	
Cl5-BZ#97	MG/KG		0.0014		0.0025		0.00044	J	0.0019		0.0065	
Cl5-BZ#99	MG/KG		0.57		0.43		0.2		0.62		1.8	
Cl5-BZ#100	MG/KG		0.0047		0.0034		0.0015		0.0052		0.02	
Cl5-BZ#101/#84	MG/KG		0.22		0.14		0.11		0.24		0.82	
Cl5-BZ#104	MG/KG		0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl5-BZ#105	MG/KG		0.3		0.15		0.11		0.21		0.58	

Table 1D Sample Data for Lobster Tomalley (mg/kg wet weight) Area III 2003

	Sample#	NBH03-L-A-3		NBH03-L-B-3		NBH03-L-C-3		NBH03-L-D-3		NBH03-L-E-3	
Cl5-BZ#107	MG/KG	0.11		0.069		0.059		0.11		0.32	
Cl5-BZ#110	MG/KG	0.11	J	0.064	J	0.024	J	0.12	J	0.26	J
Cl5-BZ#114	MG/KG	0.017		0.0059		0.0054		0.0091		0.041	
Cl5-BZ#118	MG/KG	1.8		0.93		0.65		1.3		3.6	
Cl5-BZ#119	MG/KG	0.028		0.024		0.0091		0.034		0.13	
Cl5-BZ#123	MG/KG	0.033		0.015		0.012		0.022		0.085	
Cl5-BZ#124	MG/KG	0.0039		0.0031		0.0021		0.0042		0.0094	
Cl5-BZ#126	MG/KG	0.0083		0.0038		0.0039		0.0065		0.018	
Cl6-BZ#129	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl6-BZ#130	MG/KG	0.033		0.026		0.019		0.034		0.078	
Cl6-BZ#131	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl6-BZ#132/#168	MG/KG	0.0015	U	0.0015	U	0.0015	U	0.0016	U	0.0015	U
Cl6-BZ#134	MG/KG	0.026		0.02		0.016		0.028		0.054	
Cl6-BZ#135/#144	MG/KG	0.012		0.013		0.0063		0.015		0.027	
Cl6-BZ#136	MG/KG	0.00034	J	0.00093		0.002		0.00064	J	0.0014	
Cl6-BZ#137	MG/KG	0.045		0.027		0.019		0.04		0.15	
Cl6-BZ#138/#163	MG/KG	0.98		0.76		0.53		1.1		2.5	
Cl6-BZ#141	MG/KG	0.0066		0.0069		0.002		0.0071		0.018	
Cl6-BZ#146	MG/KG	0.35		0.22		0.21		0.36		0.82	
Cl6-BZ#147	MG/KG	0.041		0.021		0.019		0.033		0.12	
Cl6-BZ#149	MG/KG	0.044	J	0.051	J	0.023	J	0.073	J	0.15	J
Cl6-BZ#151	MG/KG	0.015		0.02		0.0068		0.018		0.048	
Cl6-BZ#153	MG/KG	2.4		1.4		1.3		2.3		5.8	
Cl6-BZ#154	MG/KG	0.0076		0.0086		0.0024		0.012		0.043	
Cl6-BZ#155	MG/KG	0.00025	J	0.00025	J	0.00076	U	0.00079	U	0.0005	J
Cl6-BZ#156	MG/KG	0.12		0.072		0.06		0.11		0.36	
Cl6-BZ#157	MG/KG	0.03		0.02		0.018		0.032		0.088	
Cl6-BZ#158	MG/KG	0.083		0.048		0.026		0.075		0.25	
Cl6-BZ#167/#128	MG/KG	0.29		0.2		0.16		0.3		0.85	
Cl6-BZ#169	MG/KG	0.00025	J	0.00075	U	0.00023	J	0.0003	J	0.00062	J
Cl7-BZ#170/#190	MG/KG	0.07		0.057		0.043		0.088		0.24	
Cl7-BZ#171	MG/KG	0.015		0.012		0.0086		0.021		0.052	
Cl7-BZ#172	MG/KG	0.011		0.0086		0.0064		0.013		0.027	
Cl7-BZ#173	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl7-BZ#174	MG/KG	0.0025		0.0035		0.0011		0.003		0.0067	
Cl7-BZ#175	MG/KG	0.0039		0.0027		0.0024		0.0044		0.011	
Cl7-BZ#176	MG/KG	0.00025	J	0.00049	J	0.00017	J	0.0002	J	0.00066	J
Cl7-BZ#177	MG/KG	0.02		0.02		0.017		0.026		0.047	
Cl7-BZ#178	MG/KG	0.022		0.017		0.016		0.027		0.051	
Cl7-BZ#180	MG/KG	0.16		0.12		0.099		0.19		0.52	
Cl7-BZ#182/#187	MG/KG	0.17		0.12		0.11		0.21		0.51	
Cl7-BZ#183	MG/KG	0.037	J	0.029	J	0.02	J	0.047	J	0.13	J
Cl7-BZ#184	MG/KG	0.00018	J	0.00016	J	0.00076	U	0.00019	J	0.00041	J
Cl7-BZ#185	MG/KG	0.00034	J	0.00033	J	0.00076	U	0.00028	J	0.00071	J
Cl7-BZ#188	MG/KG	0.00098		0.00082		0.0007	J	0.0013		0.0034	
Cl7-BZ#189	MG/KG	0.0051		0.0039		0.0036		0.0064		0.016	
Cl7-BZ#191	MG/KG	0.0037		0.0026		0.0019		0.0042		0.012	
Cl7-BZ#193	MG/KG	0.012		0.0096		0.0078		0.015		0.036	
Cl8-BZ#194	MG/KG	0.013		0.013		0.01		0.021		0.045	
Cl8-BZ#195	MG/KG	0.0032		0.0026		0.0023		0.0048		0.0096	
Cl8-BZ#196/203	MG/KG	0.016		0.013		0.01		0.023		0.052	
Cl8-BZ#197	MG/KG	0.001		0.00081		0.00069	J	0.0013		0.0028	
Cl8-BZ#199	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl8-BZ#200	MG/KG	0.0035		0.0029		0.0023		0.0052		0.0097	
Cl8-BZ#201	MG/KG	0.016		0.015		0.011		0.024		0.043	
Cl8-BZ#202	MG/KG	0.0077		0.0069		0.0068		0.012		0.02	
Cl8-BZ#205	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Cl9-BZ#206	MG/KG	0.0047		0.0044		0.0032		0.0079		0.013	
Cl9-BZ#207	MG/KG	0.00087		0.00082		0.00047	J	0.0012		0.0022	
Cl9-BZ#208	MG/KG	0.0026		0.0027		0.002		0.0043		0.0063	
Cl10-BZ#209	MG/KG	0.0016		0.0016		0.001		0.002		0.0033	
Aroclor-1232	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Aroclor-1242	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Aroclor-1248	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Aroclor-1254	MG/KG	0.00074	U	0.00075	U	0.00076	U	0.00079	U	0.00075	U
Aroclor-1260	MG/KG	1.1		0.91		0.71		1.4		3.6	

Table 2 Sample Data for Blue Crab (mg/kg wet weight) 2003

Parameter	Sample# / Species / Area / Station / Units	NBH03-L-A-1 Blue Crabs I Station A		NBH03-L-B-1 Blue Crabs I Station B		NBH03-L-C-1 Blue Crabs I Station C		NBH03-L-D-1 Blue Crabs I Station D		NBH03-L-E-1 Blue Crabs I Station E	
Lipids	PERCENT	0.78		0.67		0.15		0.17		0.66	
Total PCB Congeners[1]	MG/KG	12	J4	7.8	J4	1.4	J4	0.67	J3	3.1	J4
Total PCB Congeners Hits[2]	MG/KG	12		7.8		1.4		0.65		3.0	
Total NOAA Congeners[3]	MG/KG	6.1	J4	4.4	J4	0.77	J4	0.40	J4	1.9	J4
Total WHO Congeners[4]	MG/KG	1.2	J4	1.2	J4	0.22	J4	0.12	J4	0.72	J4
Total NOAA / WHO Combined[5]	MG/KG	6.2	J4	4.6	J4	0.79	J4	0.41	J4	2.0	J4
Total Aroclors[6]	MG/KG	0.47	J4	0.40	J4	0.050	J3	0.036	J3	0.24	J4
Cl1-BZ#1	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl1-BZ#3	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl2-BZ#4/#10	MG/KG	0.0033		0.0024		0.0011		0.00024	J	0.00052	J
Cl2-BZ#5/#8	MG/KG	0.024		0.0093		0.0034		0.00085	J	0.001	
Cl2-BZ#6	MG/KG	0.011		0.0067		0.0016		0.00033	J	0.00038	J
Cl2-BZ#7	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl2-BZ#12/#13	MG/KG	0.016		0.013		0.0034		0.0012		0.0017	
Cl2-BZ#15	MG/KG	0.032		0.03		0.0078		0.0054		0.0037	
Cl3-BZ#16/#32	MG/KG	0.058		0.015		0.0074		0.00098		0.0044	
Cl3-BZ#17	MG/KG	0.038		0.0084		0.0052		0.00069		0.0029	
Cl3-BZ#18	MG/KG	0.078		0.03		0.0093		0.0014		0.0046	
Cl3-BZ#19	MG/KG	0.0028		0.0013		0.00045	J	0.00047	U	0.00029	J
Cl3-BZ#21/#33	MG/KG	0.0094		0.0036		0.0019		0.00035	J	0.0011	
Cl3-BZ#22	MG/KG	0.03		0.011		0.0065		0.0014		0.0034	
Cl3-BZ#24/#27	MG/KG	0.00093	U	0.00096	U	0.0019		0.00028	J	0.00093	J
Cl3-BZ#25	MG/KG	0.15		0.049		0.016		0.0034		0.0082	
Cl3-BZ#26	MG/KG	0.27		0.099		0.02		0.0041		0.011	
Cl3-BZ#28/#31	MG/KG	1.9		1.2		0.24		0.12		0.2	
Cl3-BZ#29	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl3-BZ#37	MG/KG	0.04		0.04		0.0085		0.0055		0.01	
Cl4-BZ#40	MG/KG	0.00047	U	0.00048	U	0.0014		0.00047	U	0.00047	U
Cl4-BZ#41/#71	MG/KG	0.16		0.042		0.012		0.0027		0.0094	
Cl4-BZ#42	MG/KG	0.045		0.011		0.0038		0.00086		0.0028	
Cl4-BZ#43/#49	MG/KG	0.4		0.091		0.025		0.0039		0.019	
Cl4-BZ#44	MG/KG	0.052		0.017		0.0041		0.00052		0.0026	
Cl4-BZ#45	MG/KG	0.0027		0.00091		0.0005		0.00047	U	0.00028	J
Cl4-BZ#46	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl4-BZ#47/#48	MG/KG	1.1		0.61		0.087		0.043		0.14	
Cl4-BZ#50	MG/KG	0.0012		0.00025	J	0.00047	U	0.00047	U	0.00047	U
Cl4-BZ#51	MG/KG	0.018		0.003		0.00098		0.00014	J	0.00051	
Cl4-BZ#52	MG/KG	0.56		0.15		0.022		0.0035		0.016	
Cl4-BZ#53	MG/KG	0.015		0.0044		0.0015		0.00023	J	0.00064	
Cl4-BZ#54	MG/KG	0.00021	J	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl4-BZ#56/#60	MG/KG	0.087		0.081		0.025		0.01		0.03	
Cl4-BZ#63	MG/KG	0.032		0.016		0.0024		0.001		0.0042	
Cl4-BZ#64	MG/KG	0.11		0.035		0.0068		0.002		0.0086	
Cl4-BZ#66	MG/KG	0.43		0.44		0.084		0.045		0.17	
Cl4-BZ#70	MG/KG	0.081		0.035		0.0085		0.0021		0.0079	
Cl4-BZ#74	MG/KG	0.42		0.37		0.062		0.033		0.13	
Cl4-BZ#76	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl4-BZ#77	MG/KG	0.037		0.036		0.0076		0.0042		0.016	
Cl4-BZ#81	MG/KG	0.0022		0.0019		0.00042	J	0.00047	U	0.001	
Cl5-BZ#82	MG/KG	0.0027		0.00048	U	0.00046	J	0.00047	U	0.00047	U
Cl5-BZ#83	MG/KG	0.0065		0.0025		0.00083		0.00047	U	0.00075	
Cl5-BZ#85	MG/KG	0.044		0.047		0.011		0.0055		0.026	
Cl5-BZ#87	MG/KG	0.07		0.036		0.0053		0.0021		0.013	
Cl5-BZ#89	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl5-BZ#91	MG/KG	0.092		0.023		0.0041		0.0012		0.003	
Cl5-BZ#92	MG/KG	0.068		0.024		0.0024		0.00076		0.0027	
Cl5-BZ#95	MG/KG	0.06		0.022		0.004		0.0012		0.0029	
Cl5-BZ#97	MG/KG	0.053		0.015		0.0036		0.0012		0.0028	
Cl5-BZ#99	MG/KG	1.1		0.83		0.13		0.065		0.35	
Cl5-BZ#100	MG/KG	0.05		0.026		0.0035		0.0016		0.0065	
Cl5-BZ#101/#84	MG/KG	0.41		0.14		0.02		0.0061		0.029	
Cl5-BZ#104	MG/KG	0.0003	J	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl5-BZ#105	MG/KG	0.083		0.11		0.025		0.014		0.076	
Cl5-BZ#107	MG/KG	0.061		0.049		0.0075		0.0035		0.024	
Cl5-BZ#110	MG/KG	0.22		0.061		0.016		0.0034		0.016	
Cl5-BZ#114	MG/KG	0.013		0.013		0.002		0.001		0.0063	
Cl5-BZ#118	MG/KG	0.88		0.9		0.16		0.084		0.53	
Cl5-BZ#119	MG/KG	0.14		0.091		0.011		0.0059		0.025	
Cl5-BZ#123	MG/KG	0.03		0.024		0.0034		0.0021		0.012	
Cl5-BZ#124	MG/KG	0.0076		0.0028		0.0006		0.00024	J	0.00056	
Cl5-BZ#126	MG/KG	0.0034		0.0037		0.00053		0.00038	J	0.0021	

Table 2 Sample Data for Blue Crab (mg/kg wet weight) 2003

	Sample#	NBH03-L-A-1		NBH03-L-B-1		NBH03-L-C-1		NBH03-L-D-1		NBH03-L-E-1	
Cl6-BZ#129	MG/KG	0.0025		0.0014		0.00047	U	0.00047	U	0.00091	
Cl6-BZ#130	MG/KG	0.011		0.0047		0.0013		0.00051		0.0046	
Cl6-BZ#131	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl6-BZ#132/#168	MG/KG	0.00093	U	0.00096	U	0.00094	U	0.00093	U	0.00095	U
Cl6-BZ#134	MG/KG	0.018		0.013		0.0022		0.001		0.00047	U
Cl6-BZ#135/#144	MG/KG	0.02		0.0073		0.0012		0.00028	J	0.0014	
Cl6-BZ#136	MG/KG	0.006		0.002		0.00033	J	0.00047	U	0.00023	J
Cl6-BZ#137	MG/KG	0.026		0.027		0.0044		0.0024		0.018	
Cl6-BZ#138/#163	MG/KG	0.42		0.35		0.056		0.03		0.2	
Cl6-BZ#141	MG/KG	0.0066		0.0031		0.00038	J	0.00047	U	0.00065	
Cl6-BZ#146	MG/KG	0.15		0.12		0.017		0.0093		0.07	
Cl6-BZ#147	MG/KG	0.049		0.016		0.002		0.001		0.0058	
Cl6-BZ#149	MG/KG	0.24		0.068		0.011		0.004		0.016	
Cl6-BZ#151	MG/KG	0.022		0.0076		0.00073		0.00047	U	0.00071	
Cl6-BZ#153	MG/KG	0.95		0.83		0.11		0.071		0.54	
Cl6-BZ#154	MG/KG	0.049		0.031		0.0041		0.002		0.011	
Cl6-BZ#155	MG/KG	0.00076		0.00044	J	0.00047	U	0.00047	U	0.00018	J
Cl6-BZ#156	MG/KG	0.046		0.05		0.0072		0.0044		0.034	
Cl6-BZ#157	MG/KG	0.0065		0.0076		0.0012		0.0009		0.0058	
Cl6-BZ#158	MG/KG	0.056		0.052		0.0085		0.0046		0.027	
Cl6-BZ#167/#128	MG/KG	0.095		0.097		0.014		0.009		0.032	
Cl6-BZ#169	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl7-BZ#170/#190	MG/KG	0.027		0.023		0.0027		0.002		0.012	
Cl7-BZ#171	MG/KG	0.0077		0.0072		0.0013		0.00077		0.0042	
Cl7-BZ#172	MG/KG	0.0048		0.0041		0.00064		0.00039	J	0.0028	
Cl7-BZ#173	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl7-BZ#174	MG/KG	0.0035		0.0014		0.00023	J	0.00047	U	0.00026	J
Cl7-BZ#175	MG/KG	0.0015		0.0013		0.00022	J	0.00016	J	0.00062	
Cl7-BZ#176	MG/KG	0.00055		0.00033	J	0.00047	U	0.00047	U	0.0001	J
Cl7-BZ#177	MG/KG	0.0075		0.0029		0.00075		0.00029	J	0.0031	
Cl7-BZ#178	MG/KG	0.013		0.0092		0.0016		0.00092		0.0062	
Cl7-BZ#180	MG/KG	0.059		0.058		0.0076		0.0051		0.041	
Cl7-BZ#182/#187	MG/KG	0.092		0.069		0.0089		0.0048		0.037	
Cl7-BZ#183	MG/KG	0.021		0.02		0.0028		0.0017		0.012	
Cl7-BZ#184	MG/KG	0.00016	J	0.00013	J	0.00047	U	0.00047	U	0.00047	U
Cl7-BZ#185	MG/KG	0.00069		0.00029	J	0.00047	U	0.00047	U	0.00047	U
Cl7-BZ#188	MG/KG	0.0019		0.0013		0.00014	J	0.00047	U	0.00054	
Cl7-BZ#189	MG/KG	0.0019		0.0018		0.0002	J	0.00021	J	0.0013	
Cl7-BZ#191	MG/KG	0.0019		0.0016		0.00026	J	0.00018	J	0.001	
Cl7-BZ#193	MG/KG	0.0064		0.0046		0.00055		0.00034	J	0.0024	
Cl8-BZ#194	MG/KG	0.0055		0.0044		0.00049		0.00047	U	0.0028	
Cl8-BZ#195	MG/KG	0.0018		0.0014		0.00025	J	0.00047	U	0.00066	
Cl8-BZ#196/203	MG/KG	0.0077		0.0062		0.00059	J	0.00093	U	0.003	
Cl8-BZ#197	MG/KG	0.00044	J	0.00041	J	0.00047	U	0.00047	U	0.00028	J
Cl8-BZ#199	MG/KG	0.00035	J	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl8-BZ#200	MG/KG	0.0015		0.0013		0.00026	J	0.00047	U	0.00065	
Cl8-BZ#201	MG/KG	0.0088		0.0062		0.00094		0.00047	U	0.0039	
Cl8-BZ#202	MG/KG	0.0039		0.0029		0.00053		0.00029	J	0.0016	
Cl8-BZ#205	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Cl9-BZ#206	MG/KG	0.0019		0.0014		0.00047	U	0.00047	U	0.0005	
Cl9-BZ#207	MG/KG	0.00052		0.00055		0.00047	U	0.00047	U	0.00025	J
Cl9-BZ#208	MG/KG	0.0015		0.0011		0.00021	J	0.00047	U	0.00054	
Cl10-BZ#209	MG/KG	0.00052		0.00039	J	0.00047	U	0.00047	U	0.00017	J
Aroclor-1232	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Aroclor-1242	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Aroclor-1248	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Aroclor-1254	MG/KG	0.00047	U	0.00048	U	0.00047	U	0.00047	U	0.00047	U
Aroclor-1260	MG/KG	0.47		0.4		0.049		0.035		0.24	

Table 3A Sample Data for Scup (mg/kg wet weight) Area II 2003

Parameter	Units	Sample#	NBH03-FF-A-2		NBH03-FF-B-2		NBH03-FF-C-2		NBH03-FF-D-2		NBH03-FF-E-2	
		Species	Scup		Scup		Scup		Scup		Scup	
		Area	II		II		II		II		II	
		Station	Station A		Station B		Station C		Station D		Station E	
Lipids	PERCENT		0.82		1.5		1.3		0.98		0.96	
Total PCB Congeners[1]	MG/KG		0.24	J3	1.1	J4	0.59	J3	1.2	J4	0.73	J3
Total PCB Congeners Hits[2]	MG/KG		0.23		1.1		0.59		1.2		0.72	
Total NOAA Congeners[3]	MG/KG		0.14	J4	0.70	J4	0.33	J4	0.79	J4	0.42	J4
Total WHO Congeners[4]	MG/KG		0.033	J3	0.21	J4	0.089	J4	0.25	J4	0.12	J4
Total NOAA / WHO Combined[5]	MG/KG		0.14	J3	0.72	J4	0.34	J4	0.81	J4	0.43	J4
Total Aroclors[6]	MG/KG		0.045	J3	0.16	J4	0.065	J3	0.15	J4	0.065	J3
Cl1-BZ#1	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl1-BZ#3	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl2-BZ#4/#10	MG/KG		0.00095	U	0.00043	J	0.00074	J	0.00094	U	0.00053	J
Cl2-BZ#5/#8	MG/KG		0.00095	U	0.00097	U	0.00097	U	0.00094	U	0.00092	U
Cl2-BZ#6	MG/KG		0.00047	U	0.00029	J	0.00039	J	0.00017	J	0.00034	J
Cl2-BZ#7	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl2-BZ#12/#13	MG/KG		0.00095	U	0.00097	U	0.00097	U	0.00017	J	0.00092	U
Cl2-BZ#15	MG/KG		0.00047	U	0.00013	J	0.00019	J	0.00047	U	0.00013	J
Cl3-BZ#16/#32	MG/KG		0.00045	J	0.0011		0.0023		0.0007	J	0.0014	
Cl3-BZ#17	MG/KG		0.00065		0.0017		0.0026		0.00084		0.0018	
Cl3-BZ#18	MG/KG		0.0012		0.0038		0.0059		0.0022		0.0045	
Cl3-BZ#19	MG/KG		0.00047	U	0.00026	J	0.00033	J	0.00018	J	0.00024	J
Cl3-BZ#21/#33	MG/KG		0.00014	J	0.00038	J	0.00077	J	0.00036	J	0.0005	J
Cl3-BZ#22	MG/KG		0.00018	J	0.00066		0.0014		0.00052		0.00076	
Cl3-BZ#24/#27	MG/KG		0.00022	J	0.00038	J	0.00082	J	0.00019	J	0.00053	J
Cl3-BZ#25	MG/KG		0.00031	J	0.001		0.0035		0.001		0.0017	
Cl3-BZ#26	MG/KG		0.00099		0.0045		0.0087		0.0036		0.0053	
Cl3-BZ#28/#31	MG/KG		0.0024		0.011		0.019		0.0099		0.013	
Cl3-BZ#29	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl3-BZ#37	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00025	J
Cl4-BZ#40	MG/KG		0.00047	U	0.00048	U	0.00089		0.00047	U	0.00054	
Cl4-BZ#41/#71	MG/KG		0.0014		0.0083		0.0065		0.01		0.0077	
Cl4-BZ#42	MG/KG		0.00068		0.0018		0.0023		0.0012		0.0016	
Cl4-BZ#43/#49	MG/KG		0.0062		0.03		0.026		0.035		0.03	
Cl4-BZ#44	MG/KG		0.0015		0.0043		0.0055		0.0025		0.0036	
Cl4-BZ#45	MG/KG		0.00047	U	0.00033	J	0.00048	U	0.00021	J	0.00038	J
Cl4-BZ#46	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl4-BZ#47/#48	MG/KG		0.0032		0.021		0.014		0.032		0.02	
Cl4-BZ#50	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl4-BZ#51	MG/KG		0.00016	J	0.00039	J	0.00057		0.0002	J	0.00033	J
Cl4-BZ#52	MG/KG		0.0062		0.026		0.024		0.028		0.03	
Cl4-BZ#53	MG/KG		0.00017	J	0.00036	J	0.0007		0.00028	J	0.00049	
Cl4-BZ#54	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl4-BZ#56/#60	MG/KG		0.00068	J	0.005		0.0036		0.0069		0.004	
Cl4-BZ#63	MG/KG		0.00033	J	0.0023		0.0012		0.0033		0.0017	
Cl4-BZ#64	MG/KG		0.00045	J	0.0013		0.0023		0.00082		0.0013	
Cl4-BZ#66	MG/KG		0.0049		0.03		0.016		0.037		0.023	
Cl4-BZ#70	MG/KG		0.00047	U	0.00058		0.0026		0.00077		0.00095	
Cl4-BZ#74	MG/KG		0.0023		0.019		0.01		0.028		0.015	
Cl4-BZ#76	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl4-BZ#77	MG/KG		0.00047	U	0.00048	U	0.00037	J	0.00047	U	0.00046	U
Cl4-BZ#81	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl5-BZ#82	MG/KG		0.00047	U	0.00071		0.00053		0.00047	U	0.00046	U
Cl5-BZ#83	MG/KG		0.00047	U	0.00048	U	0.00063		0.00047	U	0.00046	U
Cl5-BZ#85	MG/KG		0.0022		0.012		0.0051		0.015		0.0065	
Cl5-BZ#87	MG/KG		0.0023		0.012		0.0057		0.011		0.0076	
Cl5-BZ#89	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl5-BZ#91	MG/KG		0.0014		0.0045		0.0042		0.0041		0.0047	
Cl5-BZ#92	MG/KG		0.0012		0.0033		0.0027		0.0015		0.0028	
Cl5-BZ#95	MG/KG		0.0021		0.0064		0.0056		0.0048		0.0065	
Cl5-BZ#97	MG/KG		0.0031		0.014		0.0079		0.017		0.0097	
Cl5-BZ#99	MG/KG		0.015		0.084		0.044		0.11		0.053	
Cl5-BZ#100	MG/KG		0.00023	J	0.0011		0.00092		0.0017		0.001	
Cl5-BZ#101/#84	MG/KG		0.017		0.093		0.045		0.11		0.061	
Cl5-BZ#104	MG/KG		0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl5-BZ#105	MG/KG		0.0036		0.027		0.011		0.035		0.015	
Cl5-BZ#107	MG/KG		0.0023		0.011		0.0045		0.011		0.0062	
Cl5-BZ#110	MG/KG		0.0058		0.022		0.017		0.017		0.02	

Table 3A Sample Data for Scup (mg/kg wet weight) Area II 2003

	Sample#	NBH03-FF-A-2		NBH03-FF-B-2		NBH03-FF-C-2		NBH03-FF-D-2		NBH03-FF-E-2	
Cl5-BZ#114	MG/KG	0.00047	U	0.0013		0.00069		0.0018		0.00075	
Cl5-BZ#118	MG/KG	0.02		0.13		0.058		0.16		0.078	
Cl5-BZ#119	MG/KG	0.00098		0.0042		0.003		0.0057		0.0037	
Cl5-BZ#123	MG/KG	0.00081		0.0028		0.0014		0.0032		0.0018	
Cl5-BZ#124	MG/KG	0.00047	U	0.00048	U	0.00027	J	0.00047	U	0.00046	U
Cl5-BZ#126	MG/KG	0.00047	U	0.00048	U	0.00014	J	0.00047	U	0.00046	U
Cl6-BZ#129	MG/KG	0.00047	U	0.00054		0.00034	J	0.00047	U	0.00046	U
Cl6-BZ#130	MG/KG	0.00072		0.0021		0.0009		0.0011		0.0016	
Cl6-BZ#131	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl6-BZ#132/#168	MG/KG	0.00095	U	0.00097	U	0.00097	U	0.00094	U	0.00092	U
Cl6-BZ#134	MG/KG	0.00037	J	0.00092		0.00065		0.00047	U	0.00082	
Cl6-BZ#135/#144	MG/KG	0.00065	J	0.0024		0.0015		0.0022		0.0016	
Cl6-BZ#136	MG/KG	0.00043	J	0.0011		0.00097		0.00056		0.001	
Cl6-BZ#137	MG/KG	0.00068		0.0062		0.0025		0.0077		0.0024	
Cl6-BZ#138/#163	MG/KG	0.024		0.11		0.041		0.12		0.056	
Cl6-BZ#141	MG/KG	0.00066		0.0029		0.0011		0.0018		0.0012	
Cl6-BZ#146	MG/KG	0.0064		0.027		0.011		0.028		0.016	
Cl6-BZ#147	MG/KG	0.00069		0.0032		0.0016		0.0033		0.0024	
Cl6-BZ#149	MG/KG	0.0069		0.021		0.013		0.017		0.018	
Cl6-BZ#151	MG/KG	0.0013		0.0028		0.0016		0.0013		0.0026	
Cl6-BZ#153	MG/KG	0.034		0.18		0.075		0.2		0.1	
Cl6-BZ#154	MG/KG	0.0008		0.0027		0.0018		0.0035		0.0019	
Cl6-BZ#155	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl6-BZ#156	MG/KG	0.0018		0.012		0.0045		0.014		0.0052	
Cl6-BZ#157	MG/KG	0.0006		0.0026		0.001		0.0027		0.0013	
Cl6-BZ#158	MG/KG	0.0014		0.011		0.0046		0.014		0.0049	
Cl6-BZ#167/#128	MG/KG	0.0051		0.03		0.011		0.034		0.015	
Cl6-BZ#169	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl7-BZ#170/#190	MG/KG	0.0022		0.013		0.0045		0.012		0.0043	
Cl7-BZ#171	MG/KG	0.0008		0.003		0.0012		0.0032		0.0015	
Cl7-BZ#172	MG/KG	0.0003	J	0.001		0.00052		0.0007		0.00052	
Cl7-BZ#173	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl7-BZ#174	MG/KG	0.00026	J	0.00056		0.00043	J	0.00047	U	0.00046	
Cl7-BZ#175	MG/KG	0.00019	J	0.00044	J	0.00024	J	0.00042	J	0.0003	J
Cl7-BZ#176	MG/KG	0.00021	J	0.00043	J	0.00013	J	0.00028	J	0.00028	J
Cl7-BZ#177	MG/KG	0.00049		0.00089		0.00062		0.00044	J	0.0009	
Cl7-BZ#178	MG/KG	0.00038	J	0.00053		0.00035	J	0.00047	U	0.0006	
Cl7-BZ#180	MG/KG	0.0046		0.022		0.0079		0.021		0.008	
Cl7-BZ#182/#187	MG/KG	0.0071		0.014		0.0059		0.011		0.0087	
Cl7-BZ#183	MG/KG	0.002		0.0061		0.0027		0.0069		0.0034	
Cl7-BZ#184	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl7-BZ#185	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00015	J	0.00046	U
Cl7-BZ#188	MG/KG	0.00014	J	0.00023	J	0.00015	J	0.00023	J	0.00015	J
Cl7-BZ#189	MG/KG	0.00047	U	0.00065		0.00048	U	0.00068		0.00025	J
Cl7-BZ#191	MG/KG	0.00047	U	0.0005		0.00035	J	0.00066		0.0003	J
Cl7-BZ#193	MG/KG	0.00039	J	0.001		0.00042	J	0.00097		0.00061	
Cl8-BZ#194	MG/KG	0.00084		0.0026		0.0012		0.0022		0.001	
Cl8-BZ#195	MG/KG	0.0003	J	0.00095		0.00042	J	0.0009		0.00038	J
Cl8-BZ#196/203	MG/KG	0.0013		0.0031		0.0015		0.0029		0.0014	
Cl8-BZ#197	MG/KG	0.00013	J	0.00027	J	0.00048	U	0.00019	J	0.00014	J
Cl8-BZ#199	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl8-BZ#200	MG/KG	0.00046	J	0.00055		0.00038	J	0.00048		0.00042	J
Cl8-BZ#201	MG/KG	0.0009		0.001		0.00065		0.00063		0.00082	
Cl8-BZ#202	MG/KG	0.001		0.00044	J	0.00029	J	0.00021	J	0.00057	
Cl8-BZ#205	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Cl9-BZ#206	MG/KG	0.0012		0.0014		0.001		0.0012		0.00066	
Cl9-BZ#207	MG/KG	0.00024	J	0.00017	J	0.00033	J	0.00021	J	0.00018	J
Cl9-BZ#208	MG/KG	0.00047		0.00044	J	0.00035	J	0.00018	J	0.0003	J
Cl10-BZ#209	MG/KG	0.00062	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Aroclor-1232	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Aroclor-1242	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Aroclor-1248	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Aroclor-1254	MG/KG	0.00047	U	0.00048	U	0.00048	U	0.00047	U	0.00046	U
Aroclor-1260	MG/KG	0.044		0.16		0.064		0.15		0.064	

Table 3B Sample Data for Scup (mg/kg wet weight) Area III 2003

Parameter	Units	Sample#	NBH03-FF-A-3		NBH03-FF-B-3		NBH03-FF-C-3		NBH03-FF-D-3		NBH03-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	
Lipids	PERCENT		0.85		0.74		0.89		1.1		1.0	
Total PCB Congeners[1]	MG/KG		0.19	J3	0.15	J3	0.22	J3	0.30	J3	0.42	J3
Total PCB Congeners Hits[2]	MG/KG		0.18		0.14		0.20		0.29		0.41	
Total NOAA Congeners[3]	MG/KG		0.12	J4	0.094	J3	0.14	J4	0.18	J4	0.26	J4
Total WHO Congeners[4]	MG/KG		0.031	J3	0.024	J3	0.037	J3	0.047	J3	0.071	J3
Total NOAA / WHO Combined[5]	MG/KG		0.12	J3	0.098	J3	0.14	J3	0.19	J3	0.27	J4
Total Aroclors[6]	MG/KG		0.042	J3	0.035	J3	0.042	J3	0.047	J3	0.077	J3
Cl1-BZ#1	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl1-BZ#3	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl2-BZ#4/#10	MG/KG		0.00092	U	0.00097	U	0.00092	U	0.00094	U	0.00093	U
Cl2-BZ#5/#8	MG/KG		0.00092	U	0.00097	U	0.00092	U	0.00094	U	0.00093	U
Cl2-BZ#6	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl2-BZ#7	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl2-BZ#12/#13	MG/KG		0.00092	U	0.00097	U	0.00092	U	0.00094	U	0.00093	U
Cl2-BZ#15	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl3-BZ#16/#32	MG/KG		0.00018	J	0.00018	J	0.00023	J	0.00037	J	0.00025	J
Cl3-BZ#17	MG/KG		0.0002	J	0.00049	U	0.00024	J	0.00033	J	0.00043	J
Cl3-BZ#18	MG/KG		0.00032	J	0.00015	J	0.00046		0.00072		0.00069	
Cl3-BZ#19	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00011	J	0.00046	U
Cl3-BZ#21/#33	MG/KG		0.00092	U	0.00097	U	0.00011	J	0.0002	J	0.00017	J
Cl3-BZ#22	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00021	J	0.00046	U
Cl3-BZ#24/#27	MG/KG		0.00092	U	0.00097	U	0.00092	U	0.00013	J	0.00012	J
Cl3-BZ#25	MG/KG		0.00016	J	0.00049	U	0.00017	J	0.00032	J	0.00035	J
Cl3-BZ#26	MG/KG		0.00035	J	0.00021	J	0.00042	J	0.00094		0.0012	
Cl3-BZ#28/#31	MG/KG		0.0012		0.00097	U	0.0011		0.0024		0.0032	
Cl3-BZ#29	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl3-BZ#37	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#40	MG/KG		0.00046	U	0.00049	U	0.00015	J	0.00047	U	0.00046	U
Cl4-BZ#41/#71	MG/KG		0.00082	J	0.00035	J	0.0008	J	0.0016		0.0024	
Cl4-BZ#42	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00056		0.0004	J
Cl4-BZ#43/#49	MG/KG		0.0027		0.0015		0.0031		0.007		0.0096	
Cl4-BZ#44	MG/KG		0.00048		0.00032	J	0.00065		0.0012		0.0014	
Cl4-BZ#45	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00012	J
Cl4-BZ#46	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#47/#48	MG/KG		0.0023		0.0011		0.0025		0.0041		0.0064	
Cl4-BZ#50	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#51	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#52	MG/KG		0.0026		0.0015		0.0033		0.0064		0.0094	
Cl4-BZ#53	MG/KG		0.00046	U	0.00049	U	0.00016	J	0.00018	J	0.00046	U
Cl4-BZ#54	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#56/#60	MG/KG		0.00057	J	0.00025	J	0.00055	J	0.00093	J	0.0014	
Cl4-BZ#63	MG/KG		0.00029	J	0.00017	J	0.00032	J	0.00045	J	0.00072	
Cl4-BZ#64	MG/KG		0.00018	J	0.00049	U	0.00018	J	0.00042	J	0.00034	J
Cl4-BZ#66	MG/KG		0.0041		0.0021		0.0036		0.0067		0.0099	
Cl4-BZ#70	MG/KG		0.00022	J	0.00014	J	0.00018	J	0.00051		0.00042	J
Cl4-BZ#74	MG/KG		0.002		0.00094		0.0018		0.0031		0.005	
Cl4-BZ#76	MG/KG		0.00046	UJ	0.00049	UJ	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#77	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl4-BZ#81	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl5-BZ#82	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl5-BZ#83	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00018	J
Cl5-BZ#85	MG/KG		0.0015		0.0011		0.0019		0.0029		0.0042	
Cl5-BZ#87	MG/KG		0.0016		0.0011		0.0018		0.0029		0.0045	
Cl5-BZ#89	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl5-BZ#91	MG/KG		0.00064		0.00046	J	0.00067		0.0016		0.0022	
Cl5-BZ#92	MG/KG		0.00053		0.00038	J	0.00083		0.0014		0.0015	
Cl5-BZ#95	MG/KG		0.00093		0.00066		0.0013		0.0022		0.0031	
Cl5-BZ#97	MG/KG		0.0017		0.0012		0.0021		0.0043		0.0056	
Cl5-BZ#99	MG/KG		0.013		0.0095		0.015		0.022		0.03	
Cl5-BZ#100	MG/KG		0.00022	J	0.00015	J	0.00022	J	0.00036	J	0.00047	
Cl5-BZ#101/#84	MG/KG		0.013		0.0097		0.016		0.024		0.033	
Cl5-BZ#104	MG/KG		0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl5-BZ#105	MG/KG		0.0034		0.0023		0.0036		0.0053		0.0083	
Cl5-BZ#107	MG/KG		0.0021		0.0016		0.0025		0.0034		0.0047	
Cl5-BZ#110	MG/KG		0.0034		0.0017		0.0033		0.0071		0.0091	

Table 3B Sample Data for Scup (mg/kg wet weight) Area III 2003

	Sample#	NBH03-FF-A-3		NBH03-FF-B-3		NBH03-FF-C-3		NBH03-FF-D-3		NBH03-FF-E-3	
Cl5-BZ#114	MG/KG	0.0002	J	0.00017	J	0.00023	J	0.00047	U	0.00037	J
Cl5-BZ#118	MG/KG	0.019		0.014		0.023		0.029		0.044	
Cl5-BZ#119	MG/KG	0.00057		0.00044	J	0.00076		0.0014		0.0016	
Cl5-BZ#123	MG/KG	0.00056		0.00049	U	0.00046	U	0.00067		0.0011	
Cl5-BZ#124	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl5-BZ#126	MG/KG	0.00015	J	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl6-BZ#129	MG/KG	0.00046	U	0.00049	U	0.00012	J	0.00023	J	0.00046	U
Cl6-BZ#130	MG/KG	0.00063		0.00046	J	0.00059		0.0011		0.0014	
Cl6-BZ#131	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl6-BZ#132/#168	MG/KG	0.00092	U	0.00097	U	0.00092	U	0.00094	U	0.00093	U
Cl6-BZ#134	MG/KG	0.00046	U	0.00018	J	0.00014	J	0.00047		0.0005	
Cl6-BZ#135/#144	MG/KG	0.00042	J	0.00035	J	0.00054	J	0.00081	J	0.00088	J
Cl6-BZ#136	MG/KG	0.00024	J	0.00016	J	0.00025	J	0.00049		0.00059	
Cl6-BZ#137	MG/KG	0.00067		0.00069		0.00095		0.001		0.0018	
Cl6-BZ#138/#163	MG/KG	0.02		0.018		0.024		0.033		0.045	
Cl6-BZ#141	MG/KG	0.00041	J	0.00049	U	0.00051		0.00071		0.0012	
Cl6-BZ#146	MG/KG	0.0063		0.0048		0.0068		0.0086		0.012	
Cl6-BZ#147	MG/KG	0.00065		0.00056		0.00078		0.001		0.0016	
Cl6-BZ#149	MG/KG	0.0046		0.0033		0.0045		0.0088		0.011	
Cl6-BZ#151	MG/KG	0.00089		0.00052		0.00071		0.0013		0.0016	
Cl6-BZ#153	MG/KG	0.037		0.03		0.04		0.049		0.071	
Cl6-BZ#154	MG/KG	0.00064		0.00049		0.00065		0.00095		0.0013	
Cl6-BZ#155	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl6-BZ#156	MG/KG	0.0016		0.0016		0.0022		0.0025		0.0039	
Cl6-BZ#157	MG/KG	0.0005		0.00045	J	0.00066		0.00071		0.0011	
Cl6-BZ#158	MG/KG	0.0013		0.0013		0.0017		0.0022		0.0032	
Cl6-BZ#167/#128	MG/KG	0.0049		0.0045		0.0062		0.0076		0.011	
Cl6-BZ#169	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl7-BZ#170/#190	MG/KG	0.0021		0.0022		0.0028		0.003		0.0048	
Cl7-BZ#171	MG/KG	0.00061		0.00063		0.00071		0.00094		0.0013	
Cl7-BZ#172	MG/KG	0.00041	J	0.0002	J	0.00033	J	0.00037	J	0.00066	
Cl7-BZ#173	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl7-BZ#174	MG/KG	0.00027	J	0.00025	J	0.00023	J	0.0003	J	0.00033	J
Cl7-BZ#175	MG/KG	0.00016	J	0.00018	J	0.00014	J	0.0002	J	0.0003	J
Cl7-BZ#176	MG/KG	0.00014	J	0.00049	U	0.00011	J	0.0002	J	0.00022	J
Cl7-BZ#177	MG/KG	0.00054		0.00038	J	0.00041	J	0.00072		0.00069	
Cl7-BZ#178	MG/KG	0.00031	J	0.00021	J	0.00021	J	0.0004	J	0.00041	J
Cl7-BZ#180	MG/KG	0.0043		0.0038		0.0049		0.0053		0.0089	
Cl7-BZ#182/#187	MG/KG	0.0054		0.0037		0.004		0.006		0.0083	
Cl7-BZ#183	MG/KG	0.0017		0.0014		0.0015		0.002		0.0027	
Cl7-BZ#184	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl7-BZ#185	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl7-BZ#188	MG/KG	0.0001	J	0.00049	U	0.00046	U	0.00009	J	0.00012	J
Cl7-BZ#189	MG/KG	0.00046	U	0.00049	U	0.00026	J	0.00047	U	0.00046	U
Cl7-BZ#191	MG/KG	0.00046	U	0.00049	U	0.00015	J	0.00047	U	0.00023	J
Cl7-BZ#193	MG/KG	0.00033	J	0.00023	J	0.00025	J	0.00032	J	0.00057	
Cl8-BZ#194	MG/KG	0.00087		0.00065		0.00082		0.00099		0.0014	
Cl8-BZ#195	MG/KG	0.00027	J	0.00049	U	0.00032	J	0.00034	J	0.00047	
Cl8-BZ#196/203	MG/KG	0.0011		0.00088	J	0.00094		0.0011		0.002	
Cl8-BZ#197	MG/KG	0.00011	J	0.00049	U	0.00046	U	0.00047	U	0.00014	J
Cl8-BZ#199	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl8-BZ#200	MG/KG	0.00032	J	0.00024	J	0.00023	J	0.00033	J	0.00046	J
Cl8-BZ#201	MG/KG	0.00085		0.00047	J	0.00052		0.00067		0.00096	
Cl8-BZ#202	MG/KG	0.00037	J	0.00019	J	0.00022	J	0.00039	J	0.00043	J
Cl8-BZ#205	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Cl9-BZ#206	MG/KG	0.00071		0.00052		0.00065		0.00072		0.0012	
Cl9-BZ#207	MG/KG	0.00016	J	0.00049	U	0.00046	U	0.00017	J	0.00022	J
Cl9-BZ#208	MG/KG	0.00036	J	0.00018	J	0.00024	J	0.00033	J	0.00045	J
Cl10-BZ#209	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Aroclor-1232	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Aroclor-1242	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Aroclor-1248	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Aroclor-1254	MG/KG	0.00046	U	0.00049	U	0.00046	U	0.00047	U	0.00046	U
Aroclor-1260	MG/KG	0.041		0.034		0.041		0.046		0.076	

Table 4 Sample Data for Flounder and Black Sea Bass (mg/kg wet weight) Areas I and III 2003

Parameter	Units	Sample#	NBH03-FF-A-1		NBH03-FF-B-1		NBH03-FF-A-3 (SF)		NBH03-FF-A-3(WF)		NBH03-FF-A-3(SB)	
		Species	Winter Flounder		Winter Flounder		Summer Flounder		Winter Flounder		Black Sea Bass	
		Area	I		I		III		III		III	
		Station	Station A		Station B		Station A		Station A		Station A	
Lipids	PERCENT		0.94		0.37		0.45		0.79		1.1	
Total PCB Congeners[1]	MG/KG		1.8	J4	3.9	J4	0.11	J2	0.62	J3	0.14	J2
Total PCB Congeners Hits[2]	MG/KG		1.8		3.9		0.097		0.61		0.12	
Total NOAA Congeners[3]	MG/KG		0.82	J4	1.7	J4	0.056	J3	0.35	J4	0.075	J3
Total WHO Congeners[4]	MG/KG		0.19	J4	0.27	J4	0.015	J2	0.11	J4	0.023	J3
Total NOAA / WHO Combined[5]	MG/KG		0.84	J4	1.7	J4	0.059	J3	0.37	J4	0.079	J3
Total Aroclors[6]	MG/KG		0.10	J4	0.12	J4	0.019	J3	0.091	J3	0.00047	U
Cl1-BZ#1	MG/KG		0.00048	U	0.00012	J	0.00047	U	0.00046	U	0.00047	U
Cl1-BZ#3	MG/KG		0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl2-BZ#4/#10	MG/KG		0.0014		0.0072		0.00094	U	0.00091	U	0.00095	U
Cl2-BZ#5/#8	MG/KG		0.0017		0.025		0.00094	U	0.00091	U	0.00095	U
Cl2-BZ#6	MG/KG		0.00071		0.019		0.00047	U	0.00046	U	0.00047	U
Cl2-BZ#7	MG/KG		0.00048	U	0.0019		0.00047	U	0.00046	U	0.00047	U
Cl2-BZ#12/#13	MG/KG		0.00096	U	0.0021		0.00094	U	0.00091	U	0.00095	U
Cl2-BZ#15	MG/KG		0.0013		0.011		0.00047	U	0.00046	U	0.00047	U
Cl3-BZ#16/#32	MG/KG		0.011		0.077		0.00032	J	0.0018		0.00027	J
Cl3-BZ#17	MG/KG		0.007		0.042		0.00019	J	0.00032	J	0.00013	J
Cl3-BZ#18	MG/KG		0.011		0.08		0.00042	J	0.00094		0.0002	J
Cl3-BZ#19	MG/KG		0.00078		0.0053		0.00047	U	0.00046	U	0.00047	U
Cl3-BZ#21/#33	MG/KG		0.0019		0.011		0.00016	J	0.00022	J	0.00012	J
Cl3-BZ#22	MG/KG		0.008		0.029		0.00023	J	0.00071		0.00017	J
Cl3-BZ#24/#27	MG/KG		0.0024		0.019		0.00094	U	0.00047	J	0.00095	U
Cl3-BZ#25	MG/KG		0.014		0.078		0.00025	J	0.00095		0.00019	J
Cl3-BZ#26	MG/KG		0.04		0.19		0.00072		0.0039		0.00052	
Cl3-BZ#28/#31	MG/KG		0.2		0.7		0.0018		0.02		0.0018	
Cl3-BZ#29	MG/KG		0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl3-BZ#37	MG/KG		0.0019		0.0074		0.00047	U	0.00018	J	0.00047	U
Cl4-BZ#40	MG/KG		0.0039		0.0094		0.00047	U	0.0006		0.00019	J
Cl4-BZ#41/#71	MG/KG		0.047		0.12		0.00069	J	0.0062		0.00086	J
Cl4-BZ#42	MG/KG		0.0027		0.0072		0.00022	J	0.00014	J	0.00041	J
Cl4-BZ#43/#49	MG/KG		0.11		0.29		0.003		0.014		0.0037	
Cl4-BZ#44	MG/KG		0.0054		0.018		0.0003	J	0.00046	U	0.0014	
Cl4-BZ#45	MG/KG		0.00094		0.0036		0.00047	U	0.00046	U	0.00047	U
Cl4-BZ#46	MG/KG		0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl4-BZ#47/#48	MG/KG		0.073		0.18		0.0014		0.01		0.0019	
Cl4-BZ#50	MG/KG		0.00048	U	0.00031	J	0.00047	U	0.00046	U	0.00047	U
Cl4-BZ#51	MG/KG		0.0027		0.011		0.00047	U	0.00038	J	0.00047	U
Cl4-BZ#52	MG/KG		0.041		0.12		0.0036		0.0044		0.0048	
Cl4-BZ#53	MG/KG		0.0014		0.007		0.00013	J	0.00012	J	0.00047	U
Cl4-BZ#54	MG/KG		0.00048	U	0.00027	J	0.00047	U	0.00046	U	0.00047	U
Cl4-BZ#56/#60	MG/KG		0.018		0.033		0.00043	J	0.003		0.00061	J
Cl4-BZ#63	MG/KG		0.0023		0.0038		0.00022	J	0.00045	J	0.00021	J
Cl4-BZ#64	MG/KG		0.0082		0.047		0.00028	J	0.0024		0.00016	J
Cl4-BZ#66	MG/KG		0.069		0.12		0.0019		0.016		0.003	
Cl4-BZ#70	MG/KG		0.06		0.11		0.00082		0.012		0.00044	J
Cl4-BZ#74	MG/KG		0.052		0.1		0.0012		0.01		0.0015	
Cl4-BZ#76	MG/KG		0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl4-BZ#77	MG/KG		0.0038		0.0071		0.00047	U	0.001		0.00047	U
Cl4-BZ#81	MG/KG		0.00083		0.00051		0.00047	U	0.00046	U	0.00047	U
Cl5-BZ#82	MG/KG		0.0019		0.0018		0.00047	U	0.00046	U	0.00011	J
Cl5-BZ#83	MG/KG		0.0012		0.00048	U	0.00047	U	0.00046	U	0.00043	J
Cl5-BZ#85	MG/KG		0.012		0.014		0.00075		0.0048		0.00099	
Cl5-BZ#87	MG/KG		0.022		0.029		0.0014		0.008		0.0016	
Cl5-BZ#89	MG/KG		0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl5-BZ#91	MG/KG		0.011		0.02		0.00077		0.0017		0.00084	
Cl5-BZ#92	MG/KG		0.015		0.023		0.0012		0.0051		0.002	
Cl5-BZ#95	MG/KG		0.016		0.032		0.0013		0.0032		0.0023	

Table 4 Sample Data for Flounder and Black Sea Bass (mg/kg wet weight) Areas I and III 2003

	Sample#	NBH03-FF-A-1		NBH03-FF-B-1		NBH03-FF-A-3 (SF)		NBH03-FF-A-3(WF)		NBH03-FF-A-3(SB)	
Cl5-BZ#97	MG/KG	0.0085		0.0091		0.00097		0.0017		0.0014	
Cl5-BZ#99	MG/KG	0.13		0.22		0.0059		0.052		0.0043	
Cl5-BZ#100	MG/KG	0.0039		0.0084		0.00047	U	0.00089		0.00047	U
Cl5-BZ#101/#84	MG/KG	0.08		0.11		0.0076		0.023		0.0098	
Cl5-BZ#104	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl5-BZ#105	MG/KG	0.024		0.028		0.0017		0.013		0.0025	
Cl5-BZ#107	MG/KG	0.0075		0.0097		0.001		0.0048		0.0014	
Cl5-BZ#110	MG/KG	0.12		0.21		0.003		0.03		0.0045	
Cl5-BZ#114	MG/KG	0.002		0.0032		0.00047	U	0.00068		0.00047	U
Cl5-BZ#118	MG/KG	0.13		0.19		0.0088		0.068		0.014	
Cl5-BZ#119	MG/KG	0.013		0.028		0.00041	J	0.004		0.00057	
Cl5-BZ#123	MG/KG	0.0043		0.0064		0.00047	U	0.0017		0.00043	J
Cl5-BZ#124	MG/KG	0.003		0.0043		0.00047	U	0.001		0.00047	U
Cl5-BZ#126	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl6-BZ#129	MG/KG	0.00085		0.00082		0.00047	U	0.00046	U	0.00047	U
Cl6-BZ#130	MG/KG	0.0024		0.0022		0.00055		0.0015		0.00047	U
Cl6-BZ#131	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl6-BZ#132/#168	MG/KG	0.00096	U	0.00096	UJ	0.00094	UJ	0.00091	UJ	0.00095	UJ
Cl6-BZ#134	MG/KG	0.0042		0.0057		0.00047	U	0.0023		0.00074	
Cl6-BZ#135/#144	MG/KG	0.005		0.0058		0.00042	J	0.0019		0.00096	
Cl6-BZ#136	MG/KG	0.0027		0.0041		0.00023	J	0.00095		0.00036	J
Cl6-BZ#137	MG/KG	0.0053		0.0066		0.00048		0.0035		0.00048	
Cl6-BZ#138/#163	MG/KG	0.079		0.092		0.0096		0.07		0.011	
Cl6-BZ#141	MG/KG	0.0056		0.0064		0.00041	J	0.003		0.00057	
Cl6-BZ#146	MG/KG	0.012		0.013		0.0024		0.0087		0.0032	
Cl6-BZ#147	MG/KG	0.0029		0.0039		0.00039	J	0.0012		0.00051	
Cl6-BZ#149	MG/KG	0.03		0.036		0.0034		0.0078		0.0044	
Cl6-BZ#151	MG/KG	0.0062		0.0084		0.00093		0.0037		0.0012	
Cl6-BZ#153	MG/KG	0.13		0.17		0.013		0.1		0.018	
Cl6-BZ#154	MG/KG	0.0052		0.009		0.00018	J	0.0022		0.00011	J
Cl6-BZ#155	MG/KG	0.00048	U	0.00014	J	0.00047	U	0.00046	U	0.00047	U
Cl6-BZ#156	MG/KG	0.0082		0.01		0.00086		0.0065		0.0013	
Cl6-BZ#157	MG/KG	0.0015		0.0016		0.00025	J	0.0015		0.00038	J
Cl6-BZ#158	MG/KG	0.0096		0.012		0.00077		0.0057		0.00085	
Cl6-BZ#167/#128	MG/KG	0.018		0.021		0.0021		0.013		0.0026	
Cl6-BZ#169	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl7-BZ#170/#190	MG/KG	0.0068		0.0075		0.001		0.0064		0.0013	
Cl7-BZ#171	MG/KG	0.0019		0.0016		0.0002	J	0.0017		0.00024	J
Cl7-BZ#172	MG/KG	0.00089		0.0011		0.00017	J	0.00086		0.00023	J
Cl7-BZ#173	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl7-BZ#174	MG/KG	0.0017		0.0017		0.00028	J	0.00099		0.00039	J
Cl7-BZ#175	MG/KG	0.00022	J	0.00048	U	0.00047	U	0.00014	J	0.00047	U
Cl7-BZ#176	MG/KG	0.00031	J	0.00028	J	0.00047	U	0.00025	J	0.00047	U
Cl7-BZ#177	MG/KG	0.0017		0.0015		0.00042	J	0.0014		0.00056	
Cl7-BZ#178	MG/KG	0.0013		0.0016		0.00027	J	0.00088		0.00042	J
Cl7-BZ#180	MG/KG	0.012		0.015		0.0017		0.012		0.002	
Cl7-BZ#182/#187	MG/KG	0.0082		0.011		0.0018		0.0057		0.0018	
Cl7-BZ#183	MG/KG	0.004		0.0042		0.00059		0.0028		0.00053	
Cl7-BZ#184	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl7-BZ#185	MG/KG	0.00039	J	0.00039	J	0.00047	U	0.00046	U	0.00047	U
Cl7-BZ#188	MG/KG	0.0002	J	0.00033	J	0.00047	U	0.0001	J	0.00047	U
Cl7-BZ#189	MG/KG	0.00047	J	0.00054		0.00047	U	0.00047		0.00047	U
Cl7-BZ#191	MG/KG	0.00038	J	0.00042	J	0.00047	U	0.00026	J	0.00047	U
Cl7-BZ#193	MG/KG	0.00084		0.0013		0.00015	J	0.00079		0.00012	J
Cl8-BZ#194	MG/KG	0.0016		0.0018		0.00041	J	0.0015		0.00047	U
Cl8-BZ#195	MG/KG	0.00053		0.00069		0.00047	U	0.00049		0.00047	U
Cl8-BZ#196/203	MG/KG	0.0022		0.0023		0.00039	J	0.0016		0.00095	U
Cl8-BZ#197	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl8-BZ#199	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl8-BZ#200	MG/KG	0.00037	J	0.00032	J	0.00047	U	0.00024	J	0.00047	U
Cl8-BZ#201	MG/KG	0.0014		0.0016		0.00042	J	0.0011		0.00047	U
Cl8-BZ#202	MG/KG	0.00057		0.00076		0.00021	J	0.00041	J	0.00017	J

Table 4 Sample Data for Flounder and Black Sea Bass (mg/kg wet weight) Areas I and III 2003

	Sample#	NBH03-FF-A-1		NBH03-FF-B-1		NBH03-FF-A-3 (SF)		NBH03-FF-A-3(WF)		NBH03-FF-A-3(SB)	
Cl8-BZ#205	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Cl9-BZ#206	MG/KG	0.001		0.0012		0.00017	J	0.00073		0.00047	U
Cl9-BZ#207	MG/KG	0.00048	U	0.00017	J	0.00047	U	0.00015	J	0.00047	U
Cl9-BZ#208	MG/KG	0.00037	J	0.0006		0.00018	J	0.00019	J	0.00047	U
Cl10-BZ#209	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Aroclor-1232	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Aroclor-1242	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Aroclor-1248	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Aroclor-1254	MG/KG	0.00048	U	0.00048	U	0.00047	U	0.00046	U	0.00047	U
Aroclor-1260	MG/KG	0.1		0.12		0.018		0.09		0.00047	U

Table 5A Sample Data for Quahogs (mg/kg wet weight) Area I 2003

Parameter	Units	Sample# 5 Species Quahogs Area I Station Station A		Sample# 6 Species Quahogs Area I Station Station B		Sample# 4 Species Quahogs Area I Station Station C		Sample# 3 Species Quahogs Area I Station Station D		Sample# 2 Species Quahogs Area I Station Station E	
Lipids	PERCENT	0.10	U	0.22		0.30		0.26		0.24	
Total PCB Congeners[1]	MG/KG	0.73	J4	1.1	J4	1.5	J4	1.7	J4	2.9	J4
Total PCB Congeners Hits[2]	MG/KG	0.73		1.1		1.5		1.7		2.9	
Total NOAA Congeners[3]	MG/KG	0.31	J4	0.47	J4	0.63	J4	0.71	J4	1.2	J4
Total WHO Congeners[4]	MG/KG	0.035	J3	0.054	J3	0.081	J4	0.088	J4	0.12	J4
Total NOAA / WHO Combined[5]	MG/KG	0.32	J4	0.48	J4	0.65	J4	0.73	J4	1.2	J4
Total Aroclors[6]	MG/KG	0.64	J4	0.99	J4	1.4	J4	1.4	J4	2.5	J4
Cl1-BZ#1	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl1-BZ#3	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00013	J
Cl2-BZ#4/#10	MG/KG	0.0015		0.0023		0.0023		0.0025		0.0053	
Cl2-BZ#5/#8	MG/KG	0.0017		0.0031		0.0038		0.0043		0.014	
Cl2-BZ#6	MG/KG	0.001		0.002		0.0025		0.0029		0.012	
Cl2-BZ#7	MG/KG	0.00049	U	0.00032	J	0.00036	J	0.00036	J	0.001	
Cl2-BZ#12/#13	MG/KG	0.0029		0.0043		0.0054		0.0059		0.013	
Cl2-BZ#15	MG/KG	0.0032		0.005		0.0063		0.0061		0.012	
Cl3-BZ#16/#32	MG/KG	0.01		0.016		0.019		0.021		0.043	
Cl3-BZ#17	MG/KG	0.0091		0.014		0.016		0.018		0.037	
Cl3-BZ#18	MG/KG	0.02		0.031		0.036		0.038		0.078	
Cl3-BZ#19	MG/KG	0.0013		0.0021		0.0023		0.0024		0.0052	
Cl3-BZ#21/#33	MG/KG	0.0033		0.0056		0.0067		0.0072		0.013	
Cl3-BZ#22	MG/KG	0.0051		0.0083		0.011		0.012		0.02	
Cl3-BZ#24/#27	MG/KG	0.0036		0.0057		0.0065		0.007		0.014	
Cl3-BZ#25	MG/KG	0.02		0.03		0.04		0.044		0.091	
Cl3-BZ#26	MG/KG	0.033		0.049		0.064		0.071		0.14	
Cl3-BZ#28/#31	MG/KG	0.089		0.13		0.18		0.2		0.36	
Cl3-BZ#29	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl3-BZ#37	MG/KG	0.0027		0.0041		0.0061		0.0058		0.0094	
Cl4-BZ#40	MG/KG	0.003		0.0046		0.0056		0.0064		0.012	
Cl4-BZ#41/#71	MG/KG	0.016		0.025		0.035		0.038		0.066	
Cl4-BZ#42	MG/KG	0.0064		0.0097		0.013		0.014		0.027	
Cl4-BZ#43/#49	MG/KG	0.06		0.09		0.12		0.14		0.26	
Cl4-BZ#44	MG/KG	0.017		0.026		0.033		0.036		0.066	
Cl4-BZ#45	MG/KG	0.0017		0.0028		0.003		0.0036		0.0066	
Cl4-BZ#46	MG/KG	0.0016		0.0022		0.0025		0.0028		0.0059	
Cl4-BZ#47/#48	MG/KG	0.025		0.036		0.052		0.056		0.1	
Cl4-BZ#50	MG/KG	0.00017	J	0.00023	J	0.00026	J	0.00029	J	0.00049	
Cl4-BZ#51	MG/KG	0.0021		0.0033		0.0041		0.0047		0.01	
Cl4-BZ#52	MG/KG	0.063		0.094		0.12		0.14		0.26	
Cl4-BZ#53	MG/KG	0.0049		0.0079		0.0091		0.011		0.021	
Cl4-BZ#54	MG/KG	0.00014	J	0.00021	J	0.00023	J	0.00021	J	0.00045	J
Cl4-BZ#56/#60	MG/KG	0.0071		0.012		0.017		0.018		0.025	
Cl4-BZ#63	MG/KG	0.0016		0.0023		0.0034		0.0035		0.0055	
Cl4-BZ#64	MG/KG	0.01		0.014		0.02		0.022		0.044	
Cl4-BZ#66	MG/KG	0.018		0.027		0.04		0.042		0.061	
Cl4-BZ#70	MG/KG	0.014		0.024		0.032		0.035		0.048	
Cl4-BZ#74	MG/KG	0.012		0.018		0.028		0.029		0.045	
Cl4-BZ#76	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl4-BZ#77	MG/KG	0.0022		0.0032		0.0046		0.0055		0.0074	
Cl4-BZ#81	MG/KG	0.00014	J	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl5-BZ#82	MG/KG	0.0011		0.0018		0.0022		0.0024		0.0032	
Cl5-BZ#83	MG/KG	0.0016		0.0022		0.0032		0.0034		0.0055	
Cl5-BZ#85	MG/KG	0.0022		0.0036		0.0051		0.0052		0.0063	
Cl5-BZ#87	MG/KG	0.0056		0.0094		0.012		0.013		0.017	
Cl5-BZ#89	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl5-BZ#91	MG/KG	0.0077		0.012		0.016		0.019		0.036	
Cl5-BZ#92	MG/KG	0.007		0.0097		0.014		0.015		0.026	
Cl5-BZ#95	MG/KG	0.014		0.022		0.029		0.032		0.059	
Cl5-BZ#97	MG/KG	0.0065		0.01		0.013		0.017		0.024	
Cl5-BZ#99	MG/KG	0.024		0.035		0.051		0.058		0.094	
Cl5-BZ#100	MG/KG	0.001		0.0014		0.0019		0.0022		0.0046	
Cl5-BZ#101/#84	MG/KG	0.034		0.052		0.068		0.081		0.12	
Cl5-BZ#104	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.0001	J
Cl5-BZ#105	MG/KG	0.004		0.0068		0.0098		0.01		0.011	
Cl5-BZ#107	MG/KG	0.0026		0.0038		0.0052		0.0058		0.0081	
Cl5-BZ#110	MG/KG	0.03		0.046		0.065		0.074		0.12	

Table 5A Sample Data for Quahogs (mg/kg wet weight) Area I 2003

	Sample#	5		6		4		3		2	
Cl5-BZ#114	MG/KG	0.00036	J	0.00057		0.00092		0.00098		0.0013	
Cl5-BZ#118	MG/KG	0.022		0.034		0.05		0.056		0.076	
Cl5-BZ#119	MG/KG	0.0031		0.004		0.006		0.0071		0.013	
Cl5-BZ#123	MG/KG	0.0012		0.0017		0.0025		0.0028		0.0042	
Cl5-BZ#124	MG/KG	0.00087		0.0012		0.0018		0.0021		0.003	
Cl5-BZ#126	MG/KG	0.00049	U	0.00049	U	0.00032	J	0.00031	J	0.00062	
Cl6-BZ#129	MG/KG	0.00037	J	0.00066		0.00094		0.00095		0.0014	
Cl6-BZ#130	MG/KG	0.0011		0.0017		0.0023		0.0024		0.003	
Cl6-BZ#131	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl6-BZ#132/#168	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl6-BZ#134	MG/KG	0.0014		0.0021		0.0027		0.0033		0.0052	
Cl6-BZ#135/#144	MG/KG	0.0031		0.0044		0.0064		0.0069		0.012	
Cl6-BZ#136	MG/KG	0.0018		0.0028		0.0038		0.0041		0.0078	
Cl6-BZ#137	MG/KG	0.0011		0.0016		0.0022		0.0026		0.0033	
Cl6-BZ#138/#163	MG/KG	0.015		0.022		0.033		0.036		0.049	
Cl6-BZ#141	MG/KG	0.00098		0.0016		0.0024		0.0028		0.0035	
Cl6-BZ#146	MG/KG	0.0048		0.0066		0.009		0.01		0.016	
Cl6-BZ#147	MG/KG	0.0014		0.002		0.0031		0.0036		0.0062	
Cl6-BZ#149	MG/KG	0.015		0.023		0.031		0.036		0.06	
Cl6-BZ#151	MG/KG	0.0018		0.0029		0.0037		0.0042		0.0078	
Cl6-BZ#153	MG/KG	0.02		0.029		0.038		0.048		0.07	
Cl6-BZ#154	MG/KG	0.00098		0.0012		0.0015		0.0022		0.004	
Cl6-BZ#155	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl6-BZ#156	MG/KG	0.0014		0.0022		0.0034		0.0037		0.005	
Cl6-BZ#157	MG/KG	0.00029	J	0.00046	J	0.0021		0.00072		0.00093	
Cl6-BZ#158	MG/KG	0.00092		0.0015		0.0023		0.0027		0.0039	
Cl6-BZ#167/#128	MG/KG	0.0028	J	0.0043	J	0.006	J	0.0068		0.0092	
Cl6-BZ#169	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl7-BZ#170/#190	MG/KG	0.001		0.0014		0.0022		0.0028		0.0037	
Cl7-BZ#171	MG/KG	0.00028	J	0.00022	J	0.0006		0.00063		0.00063	
Cl7-BZ#172	MG/KG	0.00031	J	0.00046	J	0.00066		0.00073		0.00086	
Cl7-BZ#173	MG/KG	0.00049	U	0.00049	U	0.00028	J	0.0005	U	0.00049	U
Cl7-BZ#174	MG/KG	0.00068		0.001		0.0015		0.0015		0.0025	
Cl7-BZ#175	MG/KG	0.00049	U	0.00011	J	0.00017	J	0.0005	U	0.00023	J
Cl7-BZ#176	MG/KG	0.00049	U	0.00018	J	0.00029	J	0.00025	J	0.0003	J
Cl7-BZ#177	MG/KG	0.00082		0.001		0.0016		0.0017		0.0021	
Cl7-BZ#178	MG/KG	0.00052		0.00073		0.00082		0.00095		0.0014	
Cl7-BZ#180	MG/KG	0.0024		0.0033		0.005		0.0056		0.0078	
Cl7-BZ#182/#187	MG/KG	0.0028		0.0038		0.0057		0.0063		0.0099	
Cl7-BZ#183	MG/KG	0.00053		0.00064		0.001		0.0011		0.0017	
Cl7-BZ#184	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl7-BZ#185	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00024	J
Cl7-BZ#188	MG/KG	0.00049	U	0.00049	U	0.00012	J	0.0005	U	0.00014	J
Cl7-BZ#189	MG/KG	0.00049	U	0.00049	U	0.00038	J	0.00023	J	0.00034	J
Cl7-BZ#191	MG/KG	0.00014	J	0.00049	U	0.0002	J	0.00021	J	0.00028	J
Cl7-BZ#193	MG/KG	0.00023	J	0.00033	J	0.00053		0.00054		0.00075	
Cl8-BZ#194	MG/KG	0.00038	J	0.0004	J	0.00088		0.00085		0.0012	
Cl8-BZ#195	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.00034	J	0.0004	J
Cl8-BZ#196/203	MG/KG	0.00033	J	0.00047	J	0.00049	U	0.00092		0.0014	
Cl8-BZ#197	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl8-BZ#199	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl8-BZ#200	MG/KG	0.00049	U	0.00015	J	0.00049	U	0.00018	J	0.0002	J
Cl8-BZ#201	MG/KG	0.00031	J	0.00057		0.00089		0.00094		0.0012	
Cl8-BZ#202	MG/KG	0.00022	J	0.00021	J	0.00031	J	0.00041	J	0.00051	
Cl8-BZ#205	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl9-BZ#206	MG/KG	0.00049	U	0.00033	J	0.00055		0.00056		0.00079	
Cl9-BZ#207	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Cl9-BZ#208	MG/KG	0.00049	U	0.00049	U	0.00036	J	0.00035	J	0.00049	
Cl10-BZ#209	MG/KG	0.00049	U	0.00012	J	0.00025	J	0.00023	J	0.00034	J
Aroclor-1232	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Aroclor-1242	MG/KG	0.00049	U	0.00049	U	0.00049	U	0.0005	U	0.00049	U
Aroclor-1248	MG/KG	0.3		0.48		0.64		0.7		1.2	
Aroclor-1254	MG/KG	0.32		0.48		0.67		0.61		1.2	
Aroclor-1260	MG/KG	0.017		0.026		0.042		0.046		0.063	

Table 5B Sample Data for Quahogs (mg/kg wet weight) Area II 2003

Parameter	Units	Sample# 10 Species Quahogs Area II Station Station A		Sample# 11 Species Quahogs Area II Station Station B		Sample# 9 Species Quahogs Area II Station Station C		Sample# 7 Species Quahogs Area II Station Station D		Sample# 8 Species Quahogs Area II Station Station E	
Lipids	PERCENT	0.16		0.10	U	0.22		0.22		0.10	U
Total PCB Congeners[1]	MG/KG	0.091	J2	0.051	J2	0.26	J3	0.89	J4	0.13	J3
Total PCB Congeners Hits[2]	MG/KG	0.079		0.036		0.26		0.88		0.12	
Total NOAA Congeners[3]	MG/KG	0.037	J3	0.018	J3	0.11	J4	0.38	J4	0.053	J3
Total WHO Congeners[4]	MG/KG	0.0089	J2	0.0049	J2	0.018	J3	0.057	J3	0.0082	J2
Total NOAA / WHO Combined[5]	MG/KG	0.040	J3	0.020	J2	0.12	J3	0.39	J4	0.055	J3
Total Aroclors[6]	MG/KG	0.085	J4	0.047	J3	0.29	J4	0.91	J4	0.11	J4
Cl1-BZ#1	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00026	J	0.00048	U
Cl1-BZ#3	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00013	J	0.00048	U
Cl2-BZ#4/#10	MG/KG	0.00049	U	0.00048	U	0.00038	J	0.0028		0.00026	J
Cl2-BZ#5/#8	MG/KG	0.00049	U	0.00048	U	0.00038	J	0.0045		0.0002	J
Cl2-BZ#6	MG/KG	0.00049	U	0.00048	U	0.0003	J	0.0021		0.00013	J
Cl2-BZ#7	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00052		0.00048	U
Cl2-BZ#12/#13	MG/KG	0.00026	J	0.00026	J	0.0006		0.0016		0.00053	
Cl2-BZ#15	MG/KG	0.00019	J	0.00012	J	0.00074		0.0033		0.00048	
Cl3-BZ#16/#32	MG/KG	0.00038	J	0.00026	J	0.0023		0.013		0.0014	
Cl3-BZ#17	MG/KG	0.00039	J	0.00024	J	0.002		0.01		0.0011	
Cl3-BZ#18	MG/KG	0.00086		0.00044	J	0.0048		0.023		0.0028	
Cl3-BZ#19	MG/KG	0.00049	U	0.00048	U	0.0003	J	0.002		0.00026	J
Cl3-BZ#21/#33	MG/KG	0.00049	U	0.00048	U	0.001		0.005		0.00046	J
Cl3-BZ#22	MG/KG	0.00027	J	0.00017	J	0.0014		0.005		0.0007	
Cl3-BZ#24/#27	MG/KG	0.00018	J	0.00012	J	0.00083		0.0033		0.00053	
Cl3-BZ#25	MG/KG	0.00065		0.00039	J	0.0042		0.014		0.0026	
Cl3-BZ#26	MG/KG	0.0013		0.00062		0.0074		0.024		0.0045	
Cl3-BZ#28/#31	MG/KG	0.0037		0.0019		0.02		0.074		0.012	
Cl3-BZ#29	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl3-BZ#37	MG/KG	0.00027	J	0.00014	J	0.00079		0.0036		0.00043	J
Cl4-BZ#40	MG/KG	0.00049	U	0.00048	U	0.0012		0.0033		0.00068	
Cl4-BZ#41/#71	MG/KG	0.00092		0.0005		0.0043		0.018		0.0023	
Cl4-BZ#42	MG/KG	0.00053		0.00015	J	0.0017		0.0064		0.0011	
Cl4-BZ#43/#49	MG/KG	0.0034		0.0016		0.016		0.061		0.0092	
Cl4-BZ#44	MG/KG	0.0012		0.0006		0.0054		0.019		0.0028	
Cl4-BZ#45	MG/KG	0.00014	J	0.00048	U	0.00052		0.0025		0.0003	J
Cl4-BZ#46	MG/KG	0.00049	U	0.00048	U	0.00032	J	0.0013		0.00027	J
Cl4-BZ#47/#48	MG/KG	0.0018		0.00076		0.0072		0.028		0.0039	
Cl4-BZ#50	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00021	J	0.00048	U
Cl4-BZ#51	MG/KG	0.00012	J	0.00048	U	0.00049	U	0.0027		0.00029	J
Cl4-BZ#52	MG/KG	0.0043		0.002		0.019		0.073		0.01	
Cl4-BZ#53	MG/KG	0.00027	J	0.00012	J	0.0013		0.0064		0.00079	
Cl4-BZ#54	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00021	J	0.00048	U
Cl4-BZ#56/#60	MG/KG	0.00071		0.00035	J	0.0024		0.01		0.0011	
Cl4-BZ#63	MG/KG	0.00016	J	0.00048	U	0.00056		0.0016		0.00029	J
Cl4-BZ#64	MG/KG	0.00071		0.00029	J	0.0025		0.011		0.0016	
Cl4-BZ#66	MG/KG	0.0023		0.00097		0.0062		0.025		0.0028	
Cl4-BZ#70	MG/KG	0.002		0.00086		0.0052		0.022		0.0026	
Cl4-BZ#74	MG/KG	0.0011		0.00053		0.0038		0.013		0.0019	
Cl4-BZ#76	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl4-BZ#77	MG/KG	0.00042	J	0.00018	J	0.00085		0.0024		0.00052	
Cl4-BZ#81	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl5-BZ#82	MG/KG	0.00049	U	0.00048	U	0.00054		0.0019		0.00048	U
Cl5-BZ#83	MG/KG	0.00029	J	0.00048	U	0.00084		0.0022		0.00032	J
Cl5-BZ#85	MG/KG	0.00065		0.00028	J	0.0013		0.004		0.0004	J
Cl5-BZ#87	MG/KG	0.0011		0.00046	J	0.0029		0.011		0.0011	
Cl5-BZ#89	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl5-BZ#91	MG/KG	0.00068		0.00036	J	0.0026		0.01		0.0013	
Cl5-BZ#92	MG/KG	0.0014		0.00059		0.0035		0.0093		0.0014	
Cl5-BZ#95	MG/KG	0.002		0.00083		0.0059		0.022		0.0025	
Cl5-BZ#97	MG/KG	0.001		0.00053		0.0029		0.0092		0.0012	
Cl5-BZ#99	MG/KG	0.0041		0.0017		0.011		0.031		0.0044	
Cl5-BZ#100	MG/KG	0.00049	U	0.00048	U	0.00034	J	0.0013		0.00022	J
Cl5-BZ#101/#84	MG/KG	0.0057		0.0026		0.015		0.049		0.0065	
Cl5-BZ#104	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl5-BZ#105	MG/KG	0.001		0.0005		0.0022		0.0077		0.00089	
Cl5-BZ#107	MG/KG	0.00073		0.00034	J	0.0016		0.0035		0.00062	
Cl5-BZ#110	MG/KG	0.0039		0.0019		0.012		0.041		0.0054	

Table 5B Sample Data for Quahogs (mg/kg wet weight) Area II 2003

	Sample#	10		11		9		7		8	
Cl5-BZ#114	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00079		0.00048	U
Cl5-BZ#118	MG/KG	0.0047		0.0019		0.01		0.035		0.0042	
Cl5-BZ#119	MG/KG	0.00037	J	0.00015	J	0.0012		0.0036		0.00059	
Cl5-BZ#123	MG/KG	0.00049	U	0.00048	U	0.00047	J	0.0018		0.00048	U
Cl5-BZ#124	MG/KG	0.0002	J	0.00048	U	0.00039	J	0.0014		0.00015	J
Cl5-BZ#126	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl6-BZ#129	MG/KG	0.00015	J	0.00048	U	0.00039	J	0.00089		0.00048	U
Cl6-BZ#130	MG/KG	0.00044	J	0.00029	J	0.0008		0.002		0.0003	J
Cl6-BZ#131	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl6-BZ#132/#168	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl6-BZ#134	MG/KG	0.00032	J	0.00025	J	0.00089		0.0021		0.00034	J
Cl6-BZ#135/#144	MG/KG	0.00074		0.00033	J	0.0018		0.0047		0.00069	
Cl6-BZ#136	MG/KG	0.00037	J	0.00013	J	0.00093		0.0033		0.00034	J
Cl6-BZ#137	MG/KG	0.00038	J	0.00017	J	0.00071		0.0021		0.00022	J
Cl6-BZ#138/#163	MG/KG	0.0041		0.0021		0.0092		0.025		0.0034	
Cl6-BZ#141	MG/KG	0.00029	J	0.00013	J	0.0008		0.0022		0.00031	J
Cl6-BZ#146	MG/KG	0.0014		0.00064		0.0032		0.0068		0.0011	
Cl6-BZ#147	MG/KG	0.00031	J	0.00048	U	0.00067		0.002		0.00036	J
Cl6-BZ#149	MG/KG	0.0027		0.0012		0.0076		0.022		0.0029	
Cl6-BZ#151	MG/KG	0.00045	J	0.00018	J	0.0011		0.003		0.00039	J
Cl6-BZ#153	MG/KG	0.0058		0.0028		0.014		0.03		0.0047	
Cl6-BZ#154	MG/KG	0.00013	J	0.00048	U	0.0004	J	0.0011		0.00017	J
Cl6-BZ#155	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl6-BZ#156	MG/KG	0.00043	J	0.00021	J	0.00096		0.0032		0.00034	J
Cl6-BZ#157	MG/KG	0.00016	J	0.00048	U	0.0002	J	0.0006		0.00013	J
Cl6-BZ#158	MG/KG	0.0002	J	0.00048	U	0.00045	J	0.0017		0.00025	J
Cl6-BZ#167/#128	MG/KG	0.00074	J	0.00046	J	0.0018	J	0.005	J	0.00064	J
Cl6-BZ#169	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#170/#190	MG/KG	0.00029	J	0.00048	U	0.00061		0.0016		0.00048	U
Cl7-BZ#171	MG/KG	0.00049	U	0.00048	U	0.00022	J	0.00039	J	0.00048	U
Cl7-BZ#172	MG/KG	0.00021	J	0.00048	U	0.00033	J	0.0004	J	0.00048	U
Cl7-BZ#173	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#174	MG/KG	0.00038	J	0.00048	U	0.00069		0.0014		0.00023	J
Cl7-BZ#175	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#176	MG/KG	0.00049	U	0.00048	U	0.00015	J	0.00015	J	0.00048	U
Cl7-BZ#177	MG/KG	0.00034	J	0.00027	J	0.00069		0.0014		0.00028	J
Cl7-BZ#178	MG/KG	0.00017	J	0.00048	U	0.00039	J	0.00066		0.00048	U
Cl7-BZ#180	MG/KG	0.00096		0.00047	J	0.0021		0.0041		0.00055	
Cl7-BZ#182/#187	MG/KG	0.00094		0.0004	J	0.0021		0.004		0.00069	
Cl7-BZ#183	MG/KG	0.00018	J	0.00048	U	0.00035	J	0.00072		0.00015	J
Cl7-BZ#184	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#185	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#188	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#189	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00024	J	0.00048	U
Cl7-BZ#191	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl7-BZ#193	MG/KG	0.00049	U	0.00048	U	0.00021	J	0.00036	J	0.00048	U
Cl8-BZ#194	MG/KG	0.00049	U	0.00048	U	0.00032	J	0.00064		0.00048	U
Cl8-BZ#195	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00023	J	0.00048	U
Cl8-BZ#196/203	MG/KG	0.00049	U	0.00048	U	0.00031	J	0.00055		0.00048	U
Cl8-BZ#197	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl8-BZ#199	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl8-BZ#200	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00015	J	0.00048	U
Cl8-BZ#201	MG/KG	0.00049	U	0.00048	U	0.00034	J	0.00059		0.00048	U
Cl8-BZ#202	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00027	J	0.00048	U
Cl8-BZ#205	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl9-BZ#206	MG/KG	0.00049	U	0.00048	U	0.0003	J	0.00035	J	0.00048	U
Cl9-BZ#207	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Cl9-BZ#208	MG/KG	0.00049	U	0.00048	U	0.00012	J	0.00021	J	0.00048	U
Cl10-BZ#209	MG/KG	0.00019	J	0.00021	J	0.00049	U	0.00049	U	0.00048	U
Aroclor-1232	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Aroclor-1242	MG/KG	0.00049	U	0.00048	U	0.00049	U	0.00049	U	0.00048	U
Aroclor-1248	MG/KG	0.025		0.012		0.094		0.37		0.048	
Aroclor-1254	MG/KG	0.059		0.034		0.18		0.51		0.065	
Aroclor-1260	MG/KG	0.00049	U	0.00048	U	0.015		0.03		0.00048	U

Table 5C Sample Data for Quahogs (mg/kg wet weight) Area III 2003

	Sample#	12	13	15	14	1
	Species	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs
	Area	III	III	III	III	III
	Station	Station A	Station B	Station C	Station D	Station E
Parameter	Units					
Lipids	PERCENT	0.14	0.17	0.10 U	0.10 U	0.24
Total PCB Co	MG/KG	0.044 J2	0.050 J2	0.045 J2	0.039 J2	0.078 J2
Total PCB Co	MG/KG	0.028	0.034	0.028	0.023	0.065
Total NOAA C	MG/KG	0.014 J3	0.017 J3	0.014 J3	0.012 J3	0.030 J3
Total WHO C	MG/KG	0.0039 J2	0.0049 J2	0.0043 J2	0.0040 J2	0.0074 J2
Total NOAA /	MG/KG	0.016 J2	0.019 J2	0.016 J2	0.014 J2	0.033 J3
Total Aroclors	MG/KG	0.034 J3	0.040 J3	0.034 J3	0.027 J3	0.11 J4
Cl1-BZ#1	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl1-BZ#3	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl2-BZ#4/#10	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl2-BZ#5/#8	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00015 J
Cl2-BZ#6	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl2-BZ#7	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl2-BZ#12/#1	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00017 J	0.00012 J
Cl2-BZ#15	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00011 J	0.00011 J
Cl3-BZ#16/#3	MG/KG	0.0002 J	0.00023 J	0.00024 J	0.00016 J	0.00032 J
Cl3-BZ#17	MG/KG	0.00022 J	0.00026 J	0.00017 J	0.00013 J	0.00035 J
Cl3-BZ#18	MG/KG	0.00037 J	0.00035 J	0.00033 J	0.00028 J	0.00042 J
Cl3-BZ#19	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl3-BZ#21/#3	MG/KG	0.00022 J	0.00024 J	0.00016 J	0.00012 J	0.00025 J
Cl3-BZ#22	MG/KG	0.00048 U	0.00029 J	0.00016 J	0.00048 U	0.0002 J
Cl3-BZ#24/#2	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl3-BZ#25	MG/KG	0.00029 J	0.00029 J	0.00027 J	0.00023 J	0.00038 J
Cl3-BZ#26	MG/KG	0.00047 J	0.00042 J	0.00054	0.00035 J	0.00066
Cl3-BZ#28/#3	MG/KG	0.0015	0.0018	0.0014	0.001	0.002
Cl3-BZ#29	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl3-BZ#37	MG/KG	0.00048 U	0.00021 J	0.00016 J	0.00014 J	0.00013 J
Cl4-BZ#40	MG/KG	0.00019 J	0.0003 J	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#41/#7	MG/KG	0.00033 J	0.00047 J	0.00039 J	0.00031 J	0.00064
Cl4-BZ#42	MG/KG	0.00019 J	0.00027 J	0.00017 J	0.00016 J	0.00039 J
Cl4-BZ#43/#4	MG/KG	0.0012	0.0014	0.0015	0.0012	0.0026
Cl4-BZ#44	MG/KG	0.00048	0.00066	0.00047 J	0.00035 J	0.00092
Cl4-BZ#45	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#46	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#47/#4	MG/KG	0.00082	0.0008	0.00072	0.00054	0.0012
Cl4-BZ#50	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#51	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#52	MG/KG	0.0015	0.0016	0.0015	0.0012	0.0027
Cl4-BZ#53	MG/KG	0.00048 U	0.00016 J	0.00016 J	0.00013 J	0.00023 J
Cl4-BZ#54	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#56/#6	MG/KG	0.00028 J	0.0004 J	0.00028 J	0.00015 J	0.0006
Cl4-BZ#63	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00015 J
Cl4-BZ#64	MG/KG	0.00021 J	0.00034 J	0.0003 J	0.00021 J	0.00056
Cl4-BZ#66	MG/KG	0.00086	0.0012	0.00084	0.00064	0.0016
Cl4-BZ#70	MG/KG	0.00061	0.00085	0.00078	0.00052	0.0014
Cl4-BZ#74	MG/KG	0.00038 J	0.00053	0.00054	0.00035 J	0.00071
Cl4-BZ#76	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl4-BZ#77	MG/KG	0.00012 J	0.00023 J	0.0001 J	0.00017 J	0.0003 J

Cl4-BZ#81	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#82	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#83	MG/KG	0.00018 J	0.00048 U	0.00048 U	0.00048 U	0.00048 J
Cl5-BZ#85	MG/KG	0.00027 J	0.00034 J	0.00023 J	0.00015 J	0.00051
Cl5-BZ#87	MG/KG	0.00039 J	0.00048	0.00032 J	0.00029 J	0.00089
Cl5-BZ#89	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#91	MG/KG	0.0002 J	0.00025 J	0.00034 J	0.00026 J	0.00065
Cl5-BZ#92	MG/KG	0.00052	0.00056	0.00041 J	0.00038 J	0.0011
Cl5-BZ#95	MG/KG	0.00072	0.00092	0.00078	0.00057	0.0016
Cl5-BZ#97	MG/KG	0.00044 J	0.00058	0.00046 J	0.00045 J	0.00098
Cl5-BZ#99	MG/KG	0.0014	0.0017	0.0015	0.0012	0.0036
Cl5-BZ#100	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#101/#	MG/KG	0.002	0.0026	0.0019	0.0017	0.0051
Cl5-BZ#104	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#105	MG/KG	0.00042 J	0.00046 J	0.0004 J	0.00038 J	0.00077
Cl5-BZ#107	MG/KG	0.00024 J	0.00043 J	0.00025 J	0.00024 J	0.00072
Cl5-BZ#110	MG/KG	0.0014	0.0019	0.0015	0.0011	0.0036
Cl5-BZ#114	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#118	MG/KG	0.0014	0.002	0.0017	0.0014	0.0034
Cl5-BZ#119	MG/KG	0.00015 J	0.00016 J	0.00018 J	0.0002 J	0.00031 J
Cl5-BZ#123	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#124	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl5-BZ#126	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#129	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#130	MG/KG	0.00016 J	0.00028 J	0.00016 J	0.00048 U	0.00042 J
Cl6-BZ#131	MG/KG	0.00058	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#132/#	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#134	MG/KG	0.00017 J	0.00021 J	0.00048 U	0.00048 U	0.0003 J
Cl6-BZ#135/#	MG/KG	0.0003 J	0.00032 J	0.00034 J	0.00037 J	0.0008
Cl6-BZ#136	MG/KG	0.00012 J	0.00017 J	0.00048 U	0.00013 J	0.00037 J
Cl6-BZ#137	MG/KG	0.00048 U	0.00012 J	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#138/#	MG/KG	0.0016	0.0019	0.0015	0.0012	0.0044
Cl6-BZ#141	MG/KG	0.00012 J	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#146	MG/KG	0.00049	0.00059	0.00051	0.00049	0.0014
Cl6-BZ#147	MG/KG	0.00048 U	0.00048 U	0.00012 J	0.00048 U	0.00032 J
Cl6-BZ#149	MG/KG	0.00094	0.0013	0.00088	0.00079	0.0028
Cl6-BZ#151	MG/KG	0.00016 J	0.00028 J	0.00025 J	0.00018 J	0.00045 J
Cl6-BZ#153	MG/KG	0.0018	0.0022	0.0022	0.0018	0.0052
Cl6-BZ#154	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#155	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl6-BZ#156	MG/KG	0.00018 J	0.00048 U	0.00014 J	0.00013 J	0.00045 J
Cl6-BZ#157	MG/KG	0.00048 U	0.00048 U	0.00018 J	0.00048 U	0.00018 J
Cl6-BZ#158	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00017 J
Cl6-BZ#167/#	MG/KG	0.00013 J	0.00048 UJ	0.00032 J	0.00028 J	0.00082
Cl6-BZ#169	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#170/#	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00038 J
Cl7-BZ#171	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#172	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#173	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#174	MG/KG	0.00015 J	0.00048 U	0.00048 U	0.00048 U	0.00039 J
Cl7-BZ#175	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#176	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#177	MG/KG	0.00017 J	0.00018 J	0.00048 U	0.00017 J	0.00054
Cl7-BZ#178	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.00027 J
Cl7-BZ#180	MG/KG	0.0003 J	0.0003 J	0.00032 J	0.00018 J	0.0009

Cl7-BZ#182/#	MG/KG	0.00045 J	0.00041 J	0.00036 J	0.00028 J	0.00092
Cl7-BZ#183	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00012 J	0.00019 J
Cl7-BZ#184	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#185	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#188	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#189	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#191	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl7-BZ#193	MG/KG	0.00048 U	0.00012 J	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#194	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#195	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#196/2	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#197	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#199	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#200	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl8-BZ#201	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0003 J
Cl8-BZ#202	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0001 J
Cl8-BZ#205	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl9-BZ#206	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl9-BZ#207	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl9-BZ#208	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Cl10-BZ#209	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Aroclor-1232	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Aroclor-1242	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.0005 U
Aroclor-1248	MG/KG	0.0086	0.012	0.01	0.0071	0.031
Aroclor-1254	MG/KG	0.025	0.027	0.023	0.019	0.068
Aroclor-1260	MG/KG	0.00048 U	0.00048 U	0.00048 U	0.00048 U	0.008

Appendix B Data Validation Summary

Data Validation Summary
Massachusetts Department of Environmental Protection
New Bedford Harbor Seafood Contaminant Survey Monitoring
2003 Sampling

Introduction:

Fifty-five fish tissue samples were collected from New Bedford Harbor, MA, during 2003. Samples were preserved by freezing (-20°C) until receipt on August 22, 2005, by Alpha Woods Hole Laboratory located in Raynham, 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 four separate data sets: 0508091 (quahogs), 0508090 (scup/flounder), 0509009 (lobster tomalley), and 0508089 (lobster/crab meat). A Tier III data validation was performed for all analyses in data set 0508091. Tier I+ data validation was performed for data sets 0508089, 0508090, and 0809009. 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 Woods Hole Laboratory Standard Operating Procedure (SOP) O-010 (Alpha, 2002), and the New Bedford Harbor Seafood Contaminant Survey Quality Assurance Project Plan (MADEP, 9/13/05).

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

* Collection and Preservation
* Holding Times
* Data Completeness
* Initial Calibration
  Continuing Calibration
  Blanks
* Surrogate Standards
  Standard Reference Material
  Matrix Spike/Matrix Spike Duplicates
* Laboratory Duplicates
* Internal Standards
  Target Compound Quantitation

* - all criteria were met for this parameter

In addition to evaluation of the above quality control parameters, Tier III data validation included a review of raw data for samples and associated quality control, as well as calculation checks for reported sample concentrations and quality control results.

In general, laboratory performance is considered acceptable and all results are usable. The following qualifying statements have been applied to the 2003 data.

Continuing Calibration

PCB (0508091) – In the continuing calibration standard associated with a subset of samples in SDG 0508091, the %D between the initial calibration and continuing calibration relative response factor (RRF) for co-eluting congener pair BZ 167/128 (43.7) was outside the QAPP specified control limit of 25.0%. Positive and non-detected results for congener pair BZ 167/128 were qualified as estimated (J/UJ) in samples 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13.

PCB (0508090) – In the continuing calibration standard associated with samples NBH03-FF-A-3 and NBH03-FF-B-3, the %D between the initial and continuing calibration RRF for BZ 76 (26.0) was outside the QAPP specified control limit of 25.0%. The congener BZ 76 was not detected in the samples, and quantitation limits for BZ 76 were qualified as estimated (UJ) in samples NBH03-FF-A-3 and NBH03-FF-B-3.

PCB (0508090) – In the continuing calibration standard associated with samples NBH03-FF-B-1, NBH03-FF-A-3(SF), NBH03-FF-A-3(SB), and NBH03-FF-A-3(WF), the %D between the initial and continuing calibration RRF for co-eluting congener pair BZ 132/168 (47.6) was outside the QAPP specified control limit of 25.0%. The congener pair BZ 132/168 was not detected in the samples, and quantitation limits for BZ 132/168 were qualified as estimated (UJ) in samples NBH03-FF-B-1, NBH03-FF-A-3(SF), NBH03-FF-A-3(SB), and NBH03-FF-A-3(WF).

Blanks

PCB (0508090) – The congener BZ 209 (0.48 ug/kg) was detected in the method blank associated with all samples. An action level for BZ 209 was established at five times the blank concentration. Positive sample results greater than the action level were reported unqualified. Positive sample detections of congener BZ 209 that were less than the action level and less than the reporting limit were qualified as non-detected (U) at the reporting limit. Positive sample detections that were less than the action level and greater than the reporting limit were qualified as non-detected (U) at the reported sample concentration.

Laboratory Control Samples

PCB (0509009) – Percent recoveries for the Standard Reference Material (SRM) analyzed concurrently with SDG 0509009 were outside the 60-140% control limits for the following congeners: BZ 110 (58), BZ 149 (58), and BZ 183 (55). Potential slight low biases are indicated for these congeners, therefore; positive and non-detected results for BZ 110, BZ 149, and BZ 183 were qualified as estimated (J/UJ) in all samples in SDG 0509009.

Matrix Spike/Matrix Spike Duplicates

PCB (0508089) – The percent recovery for PCB congener BZ 153 (56) in the matrix spike of NBH03-L-A-3 was below laboratory control limits of 60-140% indicating a potential slight low bias. The positive result for BZ 153 in sample NBH03-L-A-3 was qualified as estimated (J).

Target Compound Quantitation

PCB (0508089) – The Total PCB result for sample NBH03-L-A-3 was qualified as estimated (J) based on professional judgment. The concentration of PCB congener (BZ 153), previously qualified as estimated (J) due to low matrix spike recovery, represents greater than ten percent of the Total PCB concentration.

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, 9/13/05. "Quality Assurance Project Plan for the New Bedford Harbor Seafood Contaminant Survey

Alpha Woods Hole Laboratory, 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 Signature on file Date November 18, 2005

Appendix C

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2003 Annual Report

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2003 Annual Report

By Matt Camisa, Aquatic Biologist
Massachusetts Division of Marine Fisheries
February 3, 2004

The Massachusetts Division of Marine Fisheries (*MarineFisheries*) under an agreement with the Massachusetts Department of Environmental Protection (DEP) 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 DEP Wall Experiment Station (WES) Laboratory in Lawrence for analysis. DEP provides the results of the analyses to EPA to monitor and support of the site remediation project. This report describes field activities for 2003 and in accordance with the Seafood Monitoring and Field Sampling Work Plan.

Sample Sites

The three Fish Closure Areas are identified on the attached Figure 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 (Figure 1). 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 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 (Figures 2 to 7).

2003 Field Collections

Complete information including the harvest dates, collection identification information, species, station identification information, location by latitude and longitude, and collection method is appended to this report as Attachment 2 – DMF Field Collection Forms 1 to 5.

Quahog (*Mercenaria mercenaria*)
Marine Fisheries collected quahogs from fifteen stations in the three Fish Closure Areas in March and June prior the animals spawning (see Figure 7 and Collection Form 5). Twelve to nineteen legal size quahogs were collected from each station in order to provide sufficient sample sizes for the Work Plan. In all but one station, the quahogs were collected using a rake. Quahogs at Station E in Area 3 were collected using a hydraulic dredge.

American lobster (*Homarus americanus*) & Blue crabs (*Callinectes sapidus*)
Lobsters were harvested by lobster pots in June (see Figure 2 and Collection Form 1). Three legal size lobsters were collected (140 trap hauls) at each of the five stations in Areas 2 and 3. A total of about 140 trap hauls were used in Areas 2 and 3. Considerable efforts (about 130 trap hauls) were made to collect lobsters in Area 1 with no samples retained. Three traps were lost during lobster collection. Blue crabs were harvested by crab pots in July (see Figure 3 and Collection Form 2). Blue crabs were collected at the five Area 1 stations. Three legal size blue crabs were harvested from each station. A total of 30 trap hauls were used in Area 1 for the crabs.

Flounder (*Paralyichys dentatus & Pseudopleuronectes americanus*)
Flounders were collected using either, a scup trap, gillnet, or trawl net in July or September (see Figures 5 and 6, and Collection Form 4). In an effort to collect benthic species, fish pots were set at several different locations. Winter flounder (*Pseudopleuronectes americanus*) were collected at stations A (1 flounder) and B (2 flounders) in Area 1, and station A (1 flounder) in Area 3. Thirteen summer flounder (*Paralyichys dentatus*) were collected at stations A in Area 3. No flounder were harvested at the Area 2 stations.

Black Sea Bass (*Centropristes striatus*)
One black sea bass was harvested by trawl net at stations A in Area 3 in September (see Figure 6 and Collection Form 4).

Scup (*Stenotomus chrysops)*
Three legal size scup were collected at all ten stations in Areas 2 and 3 using pots (4 stations/8 trap hauls), or rod and reel (6 stations) in July (see Figure 4 and Collection Form 3). While these fish were quite plentiful in Areas 2 and 3, none were taken in Area 1. An effort was made to catch scup in Area 1 using fish traps (about 20 trap hauls) and rod and reel (about 4 hours total on four different outings) with no samples retained.

ATTACHMENT 1
DMF HARVEST SITE MAPS

Note: These figures are in the main body of the "Contaminated Monitoring Report for Seafood Harvested in 2003 from the New Bedford Harbor Superfund Site" Report and the same figure numbers apply.

ATTACHMENT 2
DMF FIELD COLLECTION FORMS

Field Collection Form 1 – Lobster (3 pages)
Field Collection Form 2 – Blue Crabs
Field Collection Form 3 – Scup
Field Collection Form 4 – Winter Flounder, Summer Flounder, and Black Sea Bass
Field Collection Form 5 – Quahogs (2 pages)

FIELD COLLECTION FORM 1: DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Matthew Camisa SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
24/06/2003	NBH03-L-A-3	1 Lobster	Station A Angelica Rock	NBH Area 3	041 34.664' 070 51.566'	Lobster Pots	
24/06/2003	NBH03-L-A-3	1 Lobster	Station A Angelica Rock	NBH Area 3	041 34.664' 070 51.566'	Lobster Pots	
26/06/2003	NBH03-L-A-3	1 Lobster	Station A Angelica Rock	NBH Area 3	041 34.664' 070 51.566'	Lobster Pots	
6/6/2003	NBH03-L-B-3	1 Lobster	Station B Radome R"8"	NBH Area 3	041 32.302' 070 54.353'	Lobster Pots	
6/6/2003	NBH03-L-B-3	1 Lobster	Station B Radome R"8"	NBH Area 3	041 32.302' 070 54.353'	Lobster Pots	
20/06/2003	NBH03-L-B-3	1 Lobster	Station B Radome R"8"	NBH Area 3	041 32.302' 070 54.353'	Lobster Pots	
03/06/2003	NBH03-L-C-3	1 Lobster	Station C SP Rock C"1"	NBH Area 3	041 31.522' 070 56.268'	Lobster Pots	
03/06/2003	NBH03-L-C-3	1 Lobster	Station C SP Rock C"1"	NBH Area 3	041 31.522' 070 56.268'	Lobster Pots	
03/06/2003	NBH03-L-C-3	1 Lobster	Station C SP Rock C"1"	NBH Area 3	041 31.522' 070 56.268'	Lobster Pots	
20/06/2003	NBH03-L-D-3	1 Lobster	Station D Sand Spit R"4"	NBH Area 3	041 31.861' 070 54.799'	Lobster Pots	

FIELD COLLECTION FORM 1 (Continued): DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Matthew Camisa SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
20/06/2003	NBH03-L-D-3	1 Lobster	Station D Sand Spit R"4"	NBH Area 3	041 31.861' 070 54.799'	Lobster Pots	
20/06/2003	NBH03-L-D-3	1 Lobster	Station D Sand Spit R"4"	NBH Area 3	041 31.861' 070 54.799'	Lobster Pots	
24/06/2003	NBH03-L-E-3	1 Lobster	Station E Lone Rock N"4"	NBH Area 3	041 33.635' 070 54.926'	Lobster Pots	
26/06/2003	NBH03-L-E-3	1 Lobster	Station E Lone Rock N"4"	NBH Area 3	041 33.635' 070 54.926'	Lobster Pots	
26/06/2003	NBH03-L-E-3	1 Lobster	Station E Lone Rock N"4"	NBH Area 3	041 33.635' 070 54.926'	Lobster Pots	
09/06/2003	NBH03-L-A-2	1 Lobster	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Lobster Pots	
09/06/2003	NBH03-L-A-2	1 Lobster	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Lobster Pots	
09/06/2003	NBH03-L-A-2	1 Lobster	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Lobster Pots	
20/6/2003	NBH03-L-B-2	1 Lobster	Station B Sconticut Neck	NBH Area 2	041 35.938' 070 52.043'	Lobster Pots	
20/06/2003	NBH03-L-B-2	1 Lobster	Station B Sconticut Neck	NBH Area 2	041 35.938' 070 52.043'	Lobster Pots	

FIELD COLLECTION FORM 1 (Continued): DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:
COLLECTOR: MDMF Matthew Camisa SHIPPER: SAMPLE CONDITION: FRESH ____ FROZEN X

DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
20/06/2003	NBH03-L-B-2	1 Lobster	Station B Sconticut Neck	NBH Area 2	041 35.938' 070 52.043'	Lobster Pots	
20/06/2003	NBH03-L-C-2	1 Lobster	Station C Ricketsons Pt.	NBH Area 2	041 34.785' 070 55.936'	Lobster Pots	
24/06/2003	NBH03-L-C-2	1 Lobster	Station C Ricketsons Pt.	NBH Area 2	041 34.785' 070 55.936'	Lobster Pots	
24/06/2003	NBH03-L-C-2	1 Lobster	Station C Ricketsons Pt.	NBH Area 2	041 34.785' 070 55.936'	Lobster Pots	
6/6/2003	NBH03-L-D-2	1 Lobster	Station D E-Fort Rodman	NBH Area 2	041 35.767' 070 53.922'	Lobster Pots	
6/6/2003	NBH03-L-D-2	1 Lobster	Station D E-Fort Rodman	NBH Area 2	041 35.767' 070 53.922'	Lobster Pots	
6/6/2003	NBH03-L-D-2	1 Lobster	Station D E-Fort Rodman	NBH Area 2	041 35.767' 070 53.922'	Lobster Pots	
03/06/2003	NBH03-L-E-2	1 Lobster	Station E Fort Phoenix	NBH Area 2	041 37.422' 070 54.171'	Lobster Pots	
03/06/2003	NBH03-L-E-2	1 Lobster	Station E Fort Phoenix	NBH Area 2	041 37.422' 070 54.171'	Lobster Pots	
09/06/2003	NBH03-L-E-2	1 Lobster	Station E Fort Phoenix	NBH Area 2	041 37.422' 070 54.171'	Lobster Pots	

FIELD COLLECTION FORM 2: DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Matthew Camisa SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
21/07/03	NBH03-L-A-1	3 Blue Crabs	Station A N of Coggeshall	NBH Area 1	041 39.622' 070 55.012'	Crab Pots	
18/07/03	NBH03-L-B-1	3 Blue Crabs	Station B N of Rte 195	NBH Area 1	041 39.330' 070 54.965'	Crab Pots	
18/07/03	NBH03-L-C-1	3 Blue Crabs	Station C NE of Popes	NBH Area 1	041 38.703' 070 54.820'	Crab Pots	
29/07/03	NBH03-L-D-1	3 Blue Crabs	Station D N of Crow I	NBH Area 1	041 38.248' 070 54.638'	Crab Pots	
29/07/03	NBH03-L-E-1	3 Blue Crabs	Station E E of opening on shore	NBH Area 1	041 37.582' 070 54.181'	Crab Pots	

FIELD COLLECTION FORM 3: DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:
COLLECTOR: MDMF Matthew Camisa SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
02/07/2003	NBH03-FF-A-3	3 Scup	Station A Great Ledge	NBH Area 3	041 32.540' 070 53.766'	Rod and Reel	
02/07/2003	NBH03-FF-B-3	3 Scup	Station B Negro Ledge	NBH Area 3	041 32.922' 070 52.023'	Fish Pots	
01/07/2003	NBH03-FF-C-3	3 Scup	Station C R "8"	NBH Area 3	041 32.228' 070 54.306'	Rod and Reel	
01/07/2003	NBH03-FF-D-3	3 Scup	Station D Radome	NBH Area 3	041 32.281' 070 55.292'	Rod and Reel	
01/07/2003	NBH03-FF-E-3	3 Scup	Station E Angelica Rock	NBH Area 3	041 34.711' 070 51.498'	Fish Pots	
01/07/2003	NBH03-FF-A-2	3 Scup	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Rod and Reel	
07/07/2003	NBH03-FF-B-2	3 Scup	Station B E of Fort Rodman	NBH Area 2	041 35.596' 070 53.922'	Fish Pots	
02/072003	NBH03-FF-C-2	3 Scup	Station C W of Opening	NBH Area 2	041 37.380' 070 54.430'	Fish Pots	
01/07/2003	NBH03-FF-D-2	3 Scup	Station D Lighthouse	NBH Area 2	041 36.242' 070 53.683'	Rod and Reel	
02/07/2003	NBH03-FF-E-2	3 Scup	Station E Egg Rocks	NBH Area 2	041 36.523' 070 53.258'	Rod and Reel	

FIELD COLLECTION FORM 4: DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH03 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Matthew Camisa SHIPPER: Matt Camisa SAMPLE CONDITION: FRESH ____ FROZEN X

COLLECTION DATE DDMMYY	COLLECTION/TAG #	SPECIES & # IN SAMPLE	STATION I.D.	LOCATION	LAT/LONG DEG. MIN.	COLLECTION METHOD	RESERVED FOR OFFICE USE
18/07/2003	NBH03-FF-A-1	1 Winter Flounder	Station A West of barrier opening	NBH Area 1	041 37.465' 070 54.438'	Scup Trap	
31/07/2003	NBH03-FF-B-1	2 Winter Flounder	Station B N. of Coggeshall	NBH Area 1	041 39.474' 070 55.002'	Gillnet	
17/09/2003	NBH03-FF-A-3	13 Summer Flounder	Station A Cru. 2392 Sta. 91	NBH Area 3	041 33.980' 070 54.210'	Trawl net	
17/09/2003	NBH03-FF-A-3	1 Black Sea Bass	Station A Cru. 2392 Sta. 91	NBH Area 3	041 33.980' 070 54.210'	Trawl net	
17/09/2003	NBH03-FF-A-3	1 Winter Flounder	Station A Cru. 2392 Sta. 91	NBH Area 3	041 33.980' 070 54.210'	Trawl net	

FIELD COLLECTION FORM 5: DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH 02 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: Dave Whittaker SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

COLLECTION DATE DDMMYY	COLLECTION TAG #	SPECIES and # IN SAMPLE	STATION I.D.	LOCATION	LAT./LONG. DEGREE/MINUTES	COLLECTION METHOD	RESERVED FOR OFFICE USE
27-03-03	1	19 Quahogs	E	III	41-34.25N 70-53.75W	Hydraulic Dredge	
12-06-03	2	14 Quahogs	E	I	41-39.72N 70-55.058W	Rake	
12-06-03	3	15 Quahogs	D	I	41-38.773N 70-54.688	Rake	
12-06-03	4	14 Quahogs	C	I	41-38.249N 70-54.633W	Rake	
12-06-03	5	13 Quahogs	A	I	41-37.413N 70-54.627W	Rake	
12-06-03	6	14 Quahogs	B	I	41-37.929N 70-54.835W	Rake	
12-06-03	7	14 Quahogs	D	II	41-36.699N 70-53.258W	Rake	
12-06-03	8	12 Quahogs	E	II	41-36.892N 70-54.530W	Rake	
12-06-03	9	13 Quahogs	C	II	41-35.796N 70-54.117W	Rake	
12-06-03	10	12 Quahogs	A	II	41-36.816N 70-55.307W	Rake	
12-06-03	11	12 Quahogs	B*	II	41-36.473N 70-55.863W	Rake	
12-06-03	12	15 Quahogs	A	III	41-35.50N 70-57.13W	Rake	

FIELD COLLECTION FORM 5 (Continued): DIVISION OF MARINE FISHERIES, ANNISQUAM RIVER Marine Fisheries Station, 30 EMMERSON AVE., GLOUCHESTER, MA 01930

PROJECT #: NBH 02 REQUESTED BY/AGENCY: Oscar Pancorbo/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: Dave Whittaker SHIPPER: SAMPLE CONDITION: FRESH FROZEN X

COLLECTION DATE DDMMYY	COLLECTION TAG #	SPECIES and # IN SAMPLE	STATION I.D.	LOCATION	LAT./LONG. DEGREE/MINUTES	COLLECTION METHOD	RESERVED FOR OFFICE USE
12-06-03	13	15 Quahogs	B	III	41-35.473N 70-57.610W	Rake	
12-06-03	14	16 Quahogs	D**	III	41-35.290N 70-50.915W	Rake	
12-06-03	15	16 Quahogs	C	III	41-35.290N 70-51.191W	Rake	

* Station B II was moved to the Rogers Street Location due to the lack of shellfish at the original site. The new site is approximately 200 meters north of the original.

** Station heavenly oiled by Bouchard Oil Spill on 4/28/03.