

Contaminated Monitoring Report for Seafood Harvested in 2005
from the New Bedford Harbor Superfund Site

by

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and

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1. Introduction

This report documents the levels of PCBs (polychlorinated biphenyls) measured in edible seafood species caught in New Bedford Harbor and surrounding Buzzards Bay in southeastern Massachusetts in 2005. This seafood monitoring program is part of the ongoing PCB cleanup program for the New Bedford Harbor (NBH) Superfund Site, and was a collaborative effort involving the MA Department of Marine Fisheries (DMF), the MA Department of Environmental Protection, (MassDEP) and the U.S. Environmental Protection Agency-New England Region (EPA).

Due to the identification of high PCB levels in area seafood, the MA Department of Public Health in 1979 promulgated regulations restricting seafood consumption in three closure areas in and around NBH as shown on Figure 1 (MADPH, 1979). NBH was subsequently listed as a Superfund site in 1983. Per a 1998 Record of Decision (ROD) (EPA, 1998) for the site, approximately 880,000 cubic yards (cy) of PCB-contaminated sediments and soils are to be removed. As of June 2008, approximately 140,000 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 current rate of funding. 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, 2005). These species include lobster (*Homarus americanus*), blue crabs (*Carcinus maenas*), quahog (i.e., hard shelled clam, *Mercenaria mercenaria*), alewife (*Alosa pseudoharengus*), American eel (*Anguilla rostrata*), black sea bass (*Centropristes striatus*), winter flounder (*Pseudopleuronectes americanus*), and scup (*Stenotomus chrysops*). The goal of this seafood monitoring program is to acquire annual collections of these species in sufficient numbers from all three closure areas to enable statistical comparisons between them, but with the understanding that some species may not necessarily be caught in sufficient numbers every year.

To meet this goal, the monitoring design calls for five composite samples for each species from each of the three closure areas. Based on previous site sampling experience, modifications have been made to the original sampling approach to account for the availability of samples in the field, as follows: blue crabs were substituted in location in

Area 1 where lobsters were not found; eels were substituted for flounders in Areas 1 and 2; and alewife were caught in Area 1 because they were migrating. For flounder, lobster, blue crabs, black sea bass, American eel, alewife, 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. 2005 Field Collection

The DMF field sampling program included the collection of lobster and blue crabs using pots occurred from May to August of 2005 (see Figures 2 and 3). The Sampling Report for all species collected in 2005 is in Appendix C.

Collection of quahog using a rake from all three seafood closure areas in June of 2005 (Figure 4). Five stations were located in each of the three closure areas that produced sufficient sample sizes consistent with the monitoring program design.

Alewife were collected using nets in April of 2005 (Figure 5). Eel were collected using pots in June and July of 2005 (Figure 6). Black sea bass was harvested by rod and reel, or fish pots from July to October of 2005 (Figure 7). Collection of flounder using fish pots occurred in September of 2005 (Figure 8). Scup were collected using pots, or rod and reel from June to September of 2005 (Figure 9).

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 only found in Station E for Area I; and a single winter flounder was found only at Station C in Area 2.

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, 2005a). 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 were 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 identification was performed using pattern recognition from the GC/MS-SIM chromatogram and comparing responses of three to five discrete peaks unique to each Aroclor. Aroclor concentrations were determined by calculating the concentration of each corresponding peak in the sample chromatogram and the three to five resulting concentrations are averaged to provide a final result for the sample. A multi-point curve was used for the individual congeners to demonstrate the linear range of the instrument. Continuing calibrations assured linearity remained for the duration of the analysis. A single point calibration was used for the Aroclors utilizing the congener calibration. Laboratory SOPs are available in the Quality Assurance Project Plan Revision 3 (MassDEP, 2005) should further details on chromatographic conditions, quality control criteria, and other elements of the analysis be needed. While lipid content was reported, the wet weight PCB concentrations reported herein are not lipid normalized.

The data validation summary for the laboratory analysis is presented in Appendix B.

5. Results and Discussion

As with previous studies of sediments, water column, seafood, and air at the NBH Site, the current data set demonstrates a generally decreasing trend (north to south) of PCB levels in locally caught seafood. In other words, tissue PCB levels decrease proportionally with the distance from the primary source of PCBs to the upper harbor (the Aerovox facility). This trend is also noticeable in the individual (as opposed to area-averaged) 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, eel site D1, and blue crab site A1). It should be noted, however, that the current data for scup show similar

PCB levels in both Areas II and III (0.74 ppm and 0.92 ppm, respectively). Figures 10 through 14 graphically summarize the current data, and Tables 1 through 5 tabulate the totals and averages of the congener and Aroclor sample results.

PCBs are a group of similar organic molecules featuring a “figure-eight” structure of two bonded benzene rings with chlorine atoms attached at up to ten different attachment sites. Theoretically, up to 209 different PCB congeners (or molecular variations) are possible, yet only about 120 of these are found in the natural environment. Furthermore, NOAA has demonstrated that 18 specific congeners are the most pervasive and generally make up almost half of the PCB mass in marine tissues. In addition, WHO considers 12 specific dioxin-like congeners to present the greatest risk to human health. As noted above in section 4, two congeners, BZ #105 and BZ #118, are included in both the NOAA and the WHO congener sets.

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

In the current data for lobster, blue crab, alewife, scup, and black sea bass, the PCB results indicate that the Aroclor approach greatly under-estimates the true total PCB concentration. For these species, the congeners were detected but the Aroclors were not, even at levels as high as 16 ppm and 26 ppm (see blue crab station A1 and lobster tomalley station EII).

For Area 1 quahog, there was much better correlation between the Aroclor and congener-based approaches, although the Aroclor data were consistently lower than the congener data. This close correlation dropped off in Areas II and III, however, as the PCB levels in the quahogs decreased for both Aroclor and congener data.

For the six eel and flounder data points, species with relatively high PCB levels, the Aroclor data were considerably higher than the congener data. However, since only one flounder was collected, any comparison between the Aroclor and congener data for the flounder may not be appropriate.

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 Area 1 species. Lobster tomalley from Areas 2 and 3 was also found to be elevated above the FDA level, as well as the one winter

flounder sample collected from Area 2 (congener basis = 2 ppm, Aroclor basis = 5.6 ppm). The highest PCB level reported for this data set was 35 ppm (congener basis) in Area 1 eel (Aroclor basis = 107 ppm, station 1-D, 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"). Also, because this seafood sampling program has been on going since 2002, the previous years reports can be found at the EPA's web site.

6. References

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FIGURES

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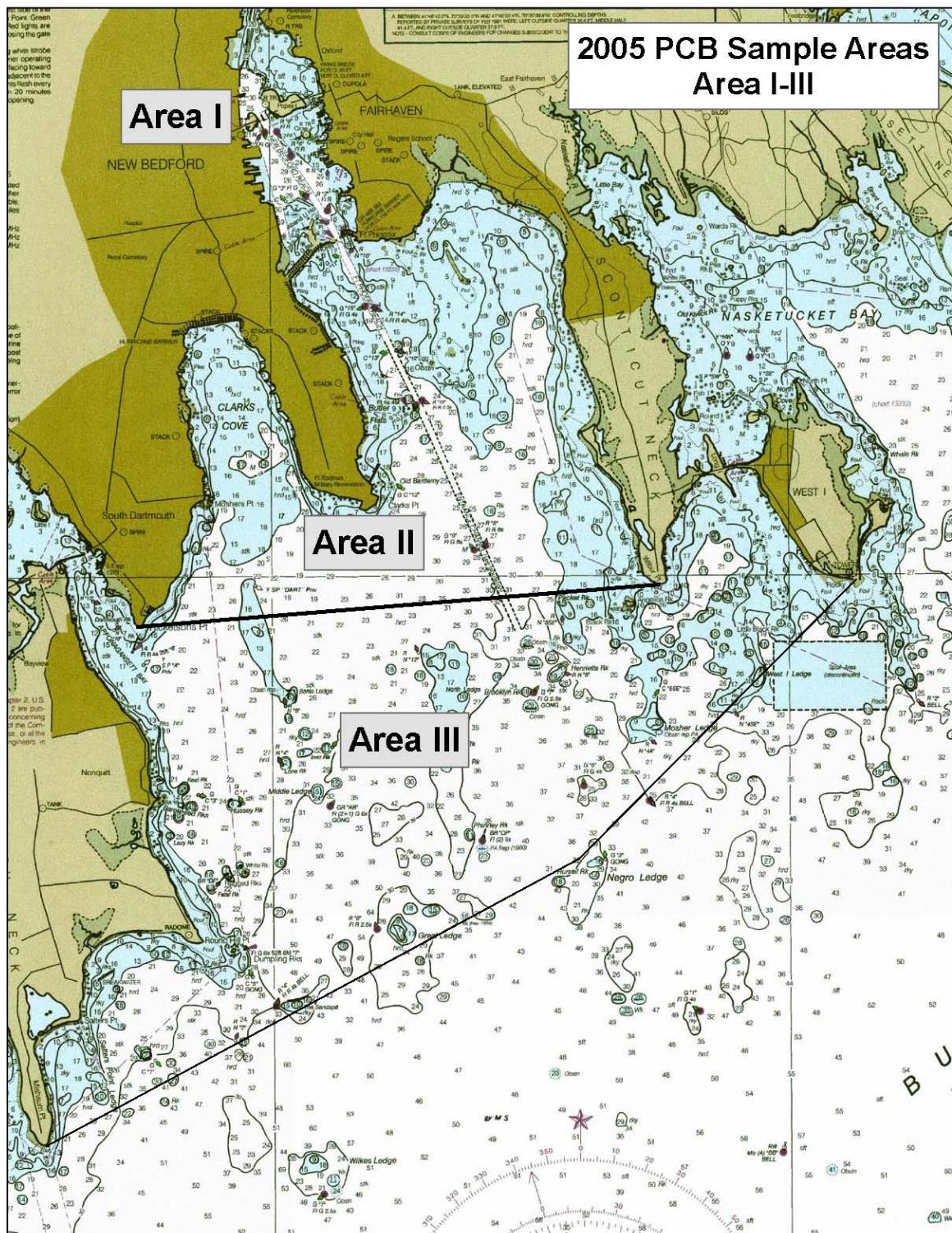


Figure 1 Fish Closure Areas I to III

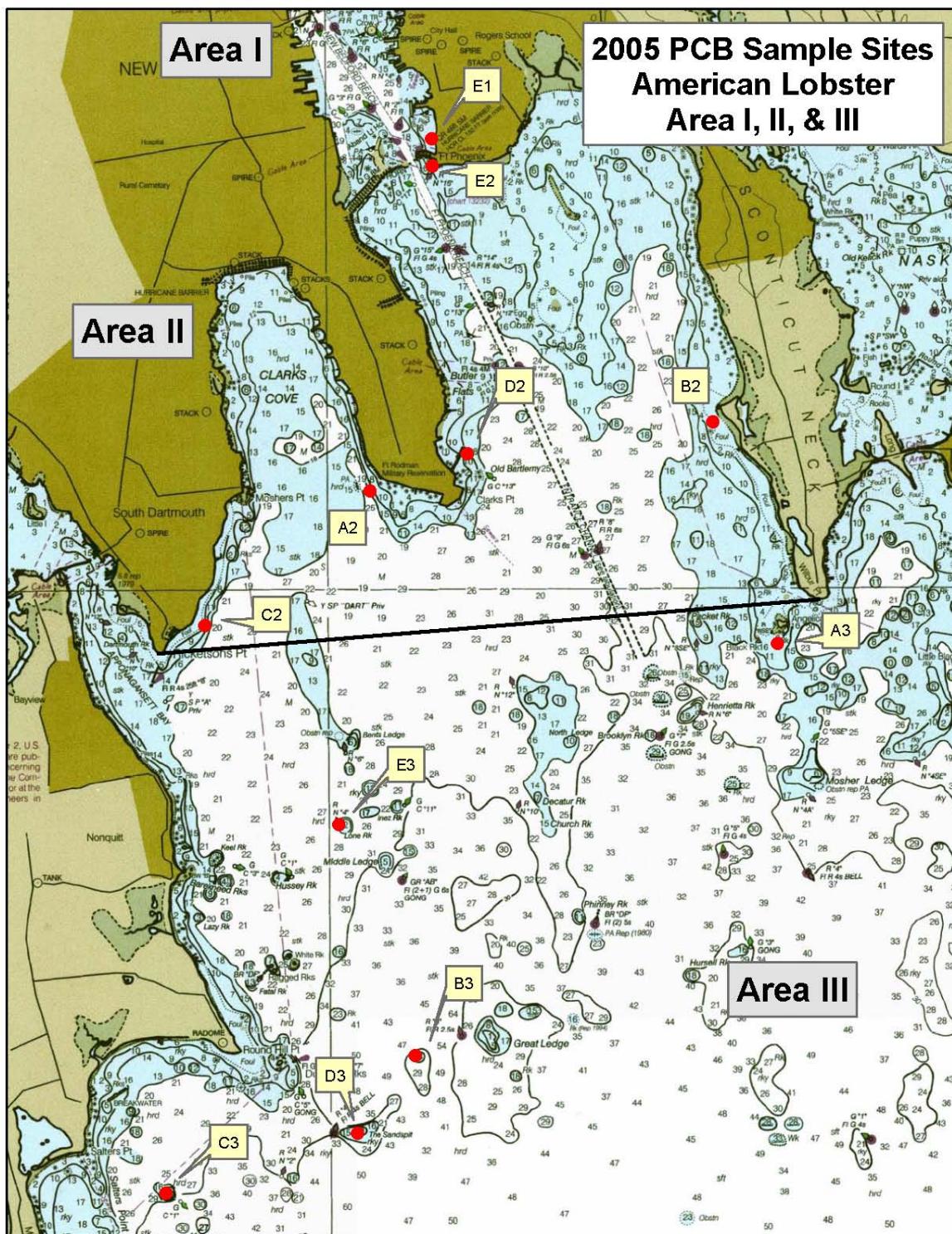


Figure 2 American Lobster Sample Locations -Area I, II, & III

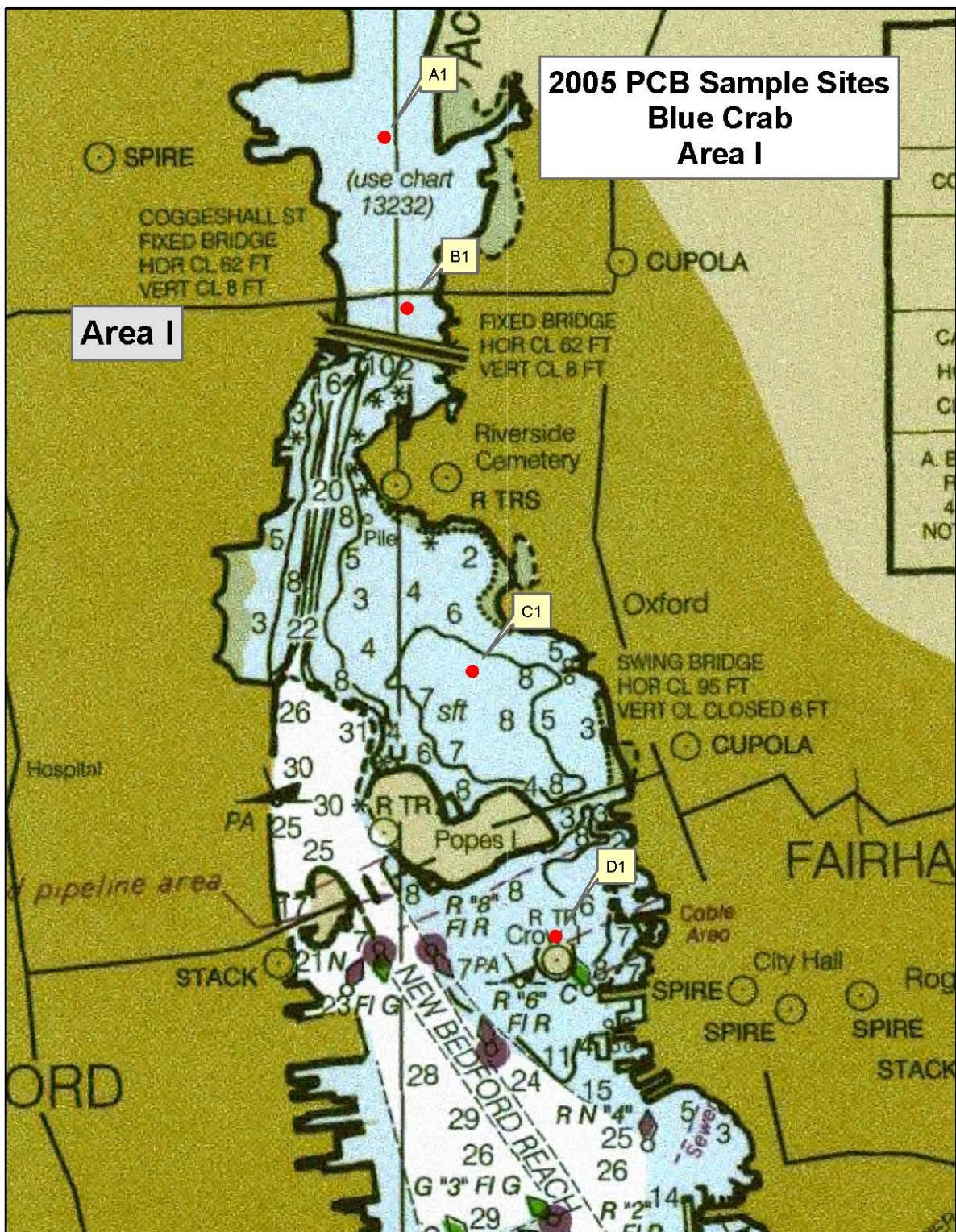


Figure 3 Blue Crab Sample Locations - Area I

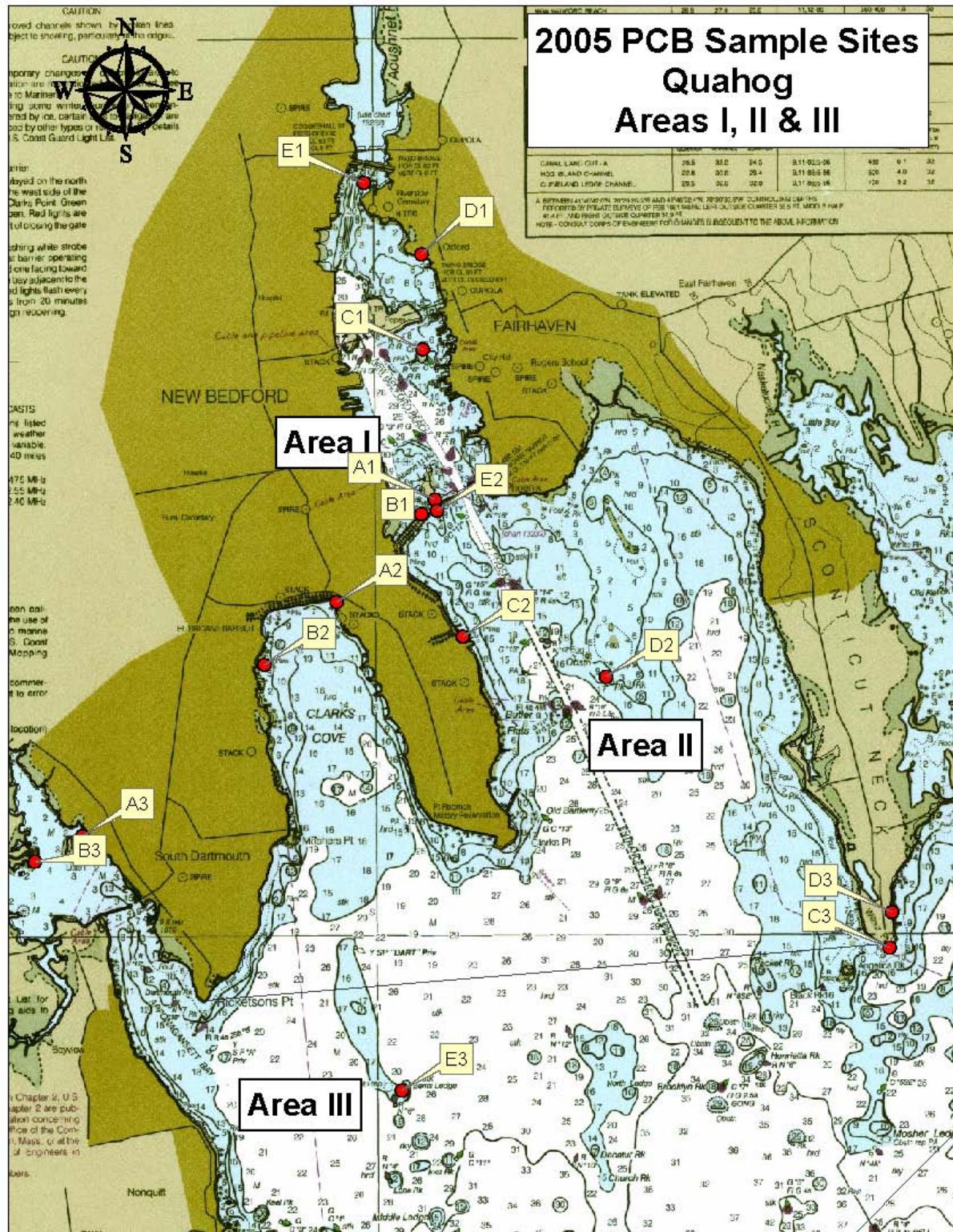


Figure 4 Quahog Sample Locations - Area I, II, & III

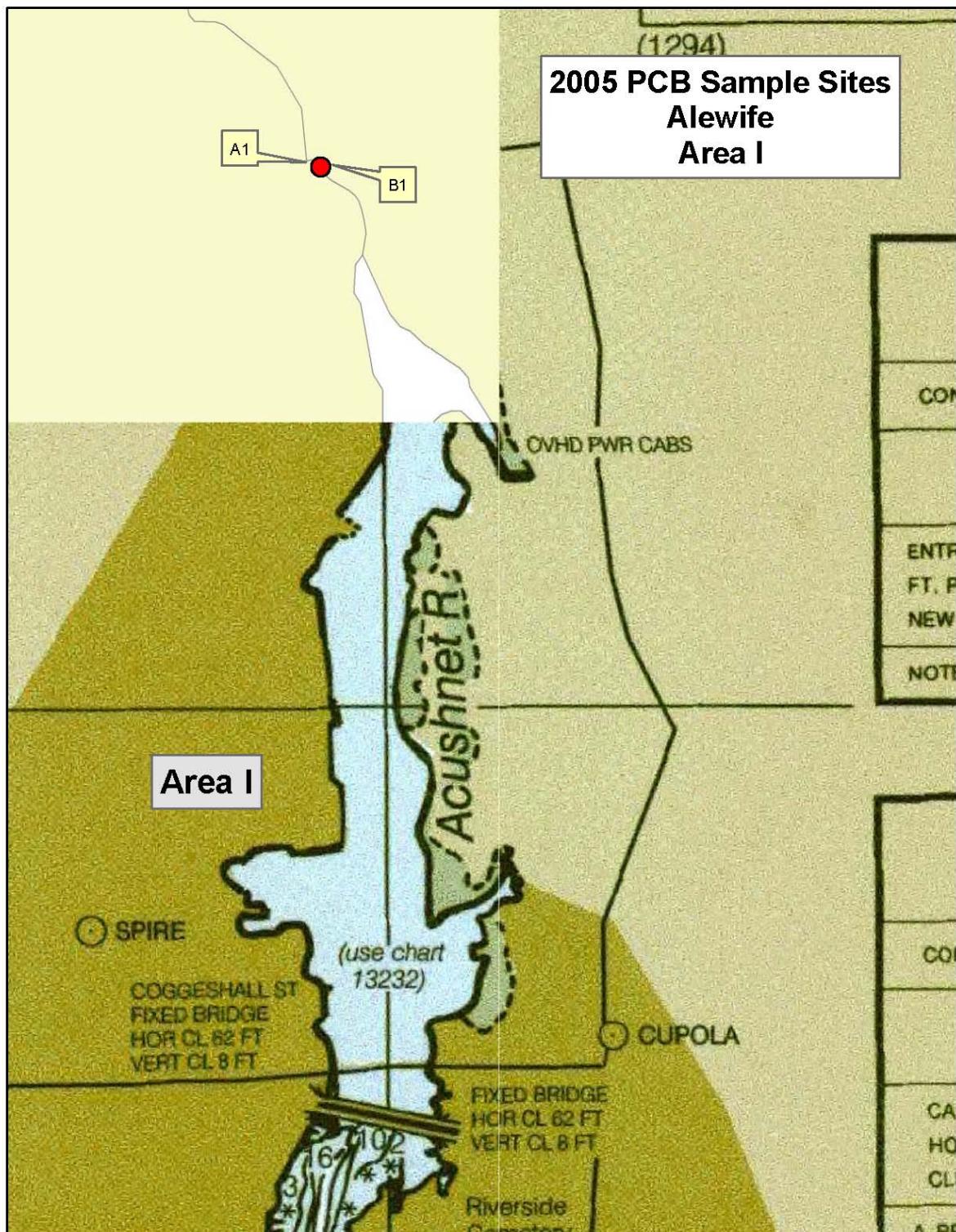


Figure 5 Alewife Sample Locations - Area I

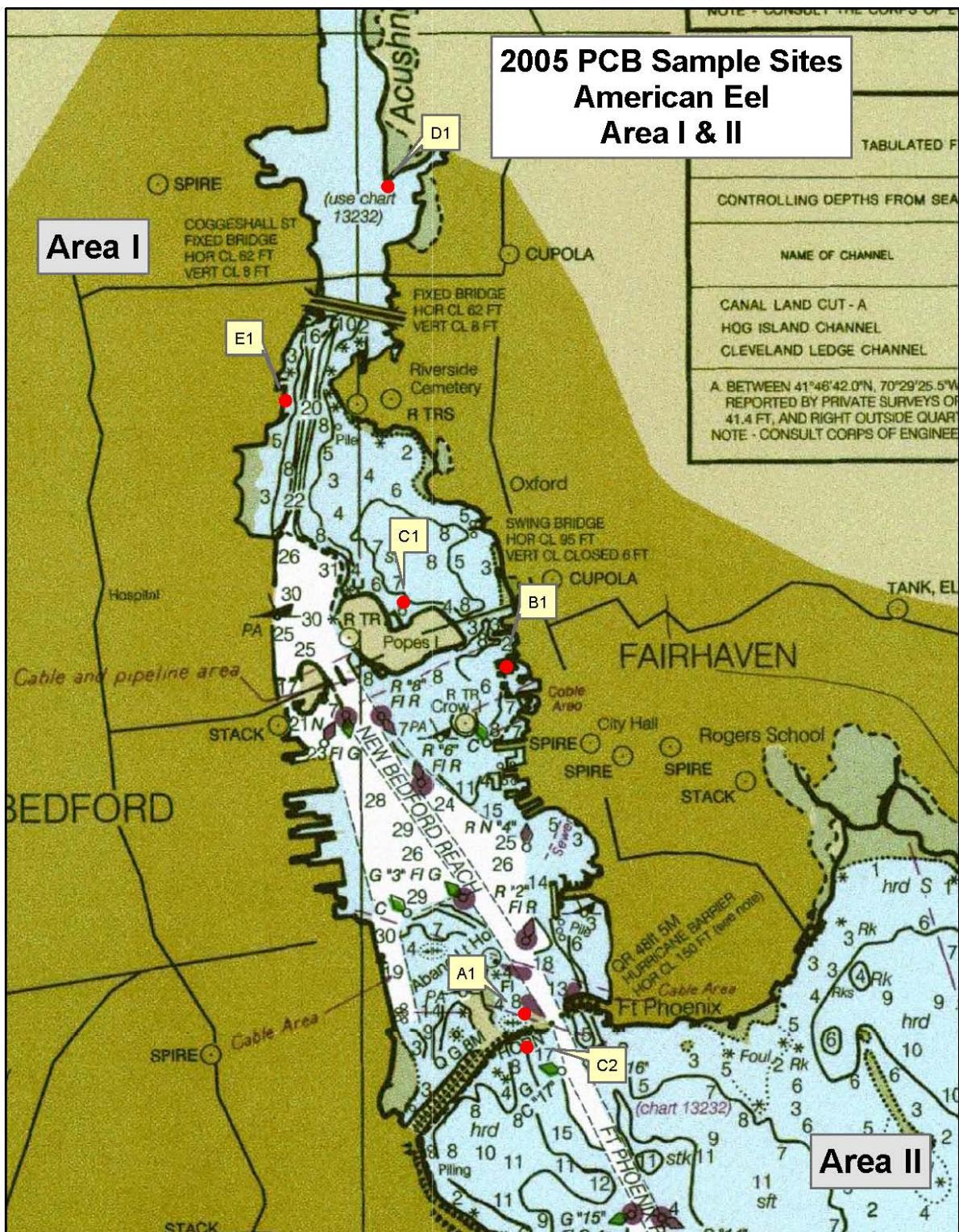


Figure 6 American Eel Sample Locations -Area I & II

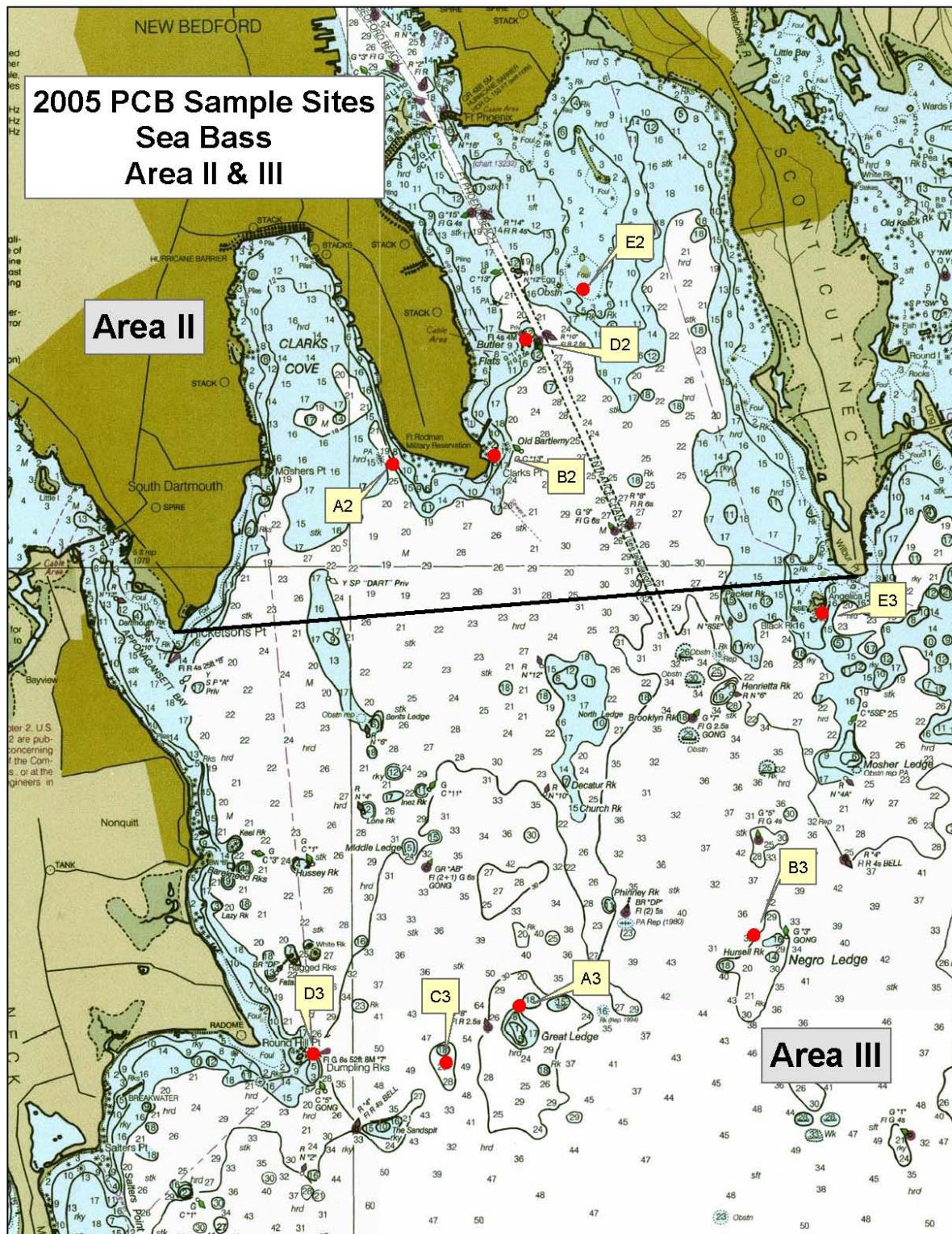
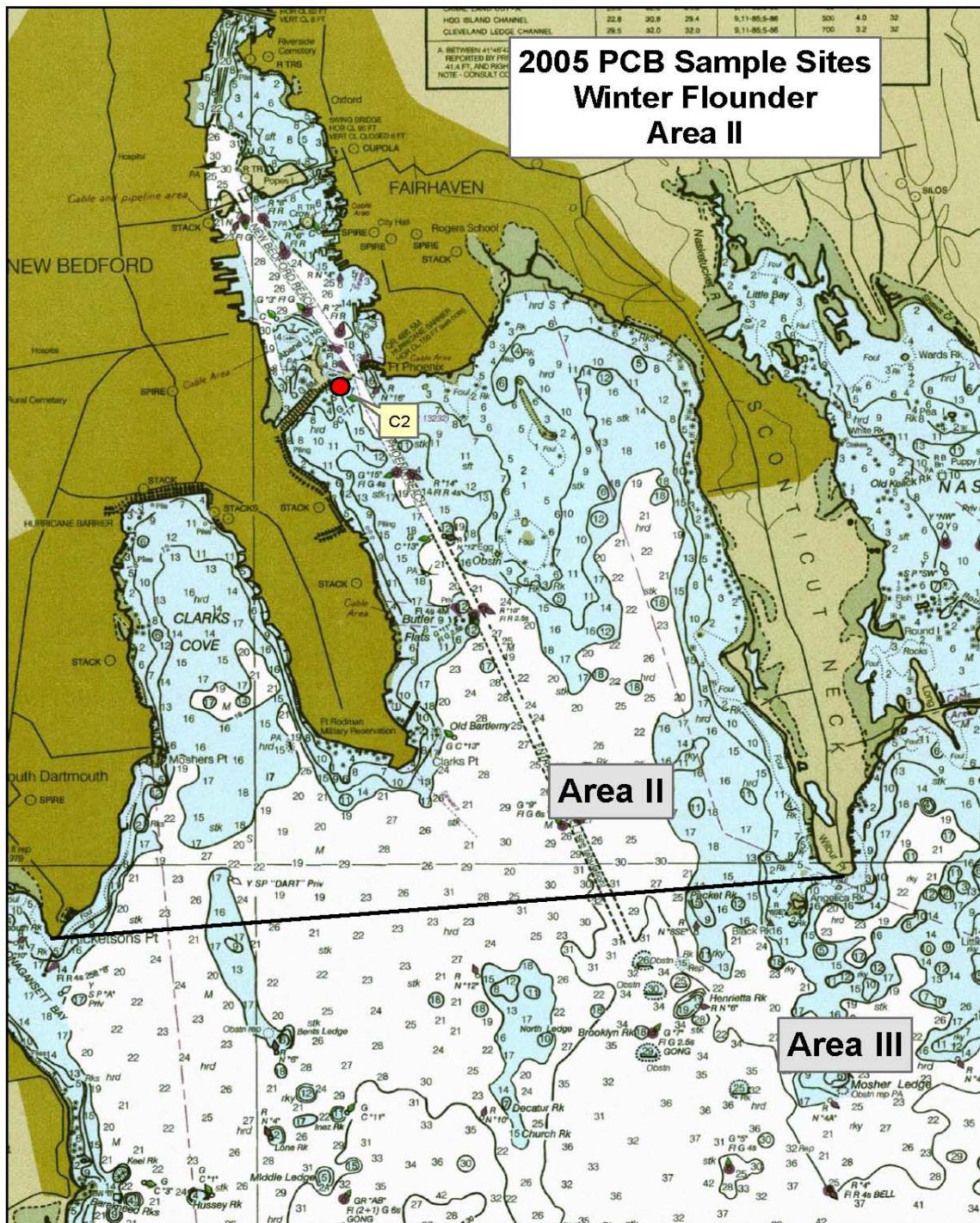


Figure 7 Sea Bass Sample Locations - Area II & III



**2005 PCB Sample Sites
Scup
Area II & III**

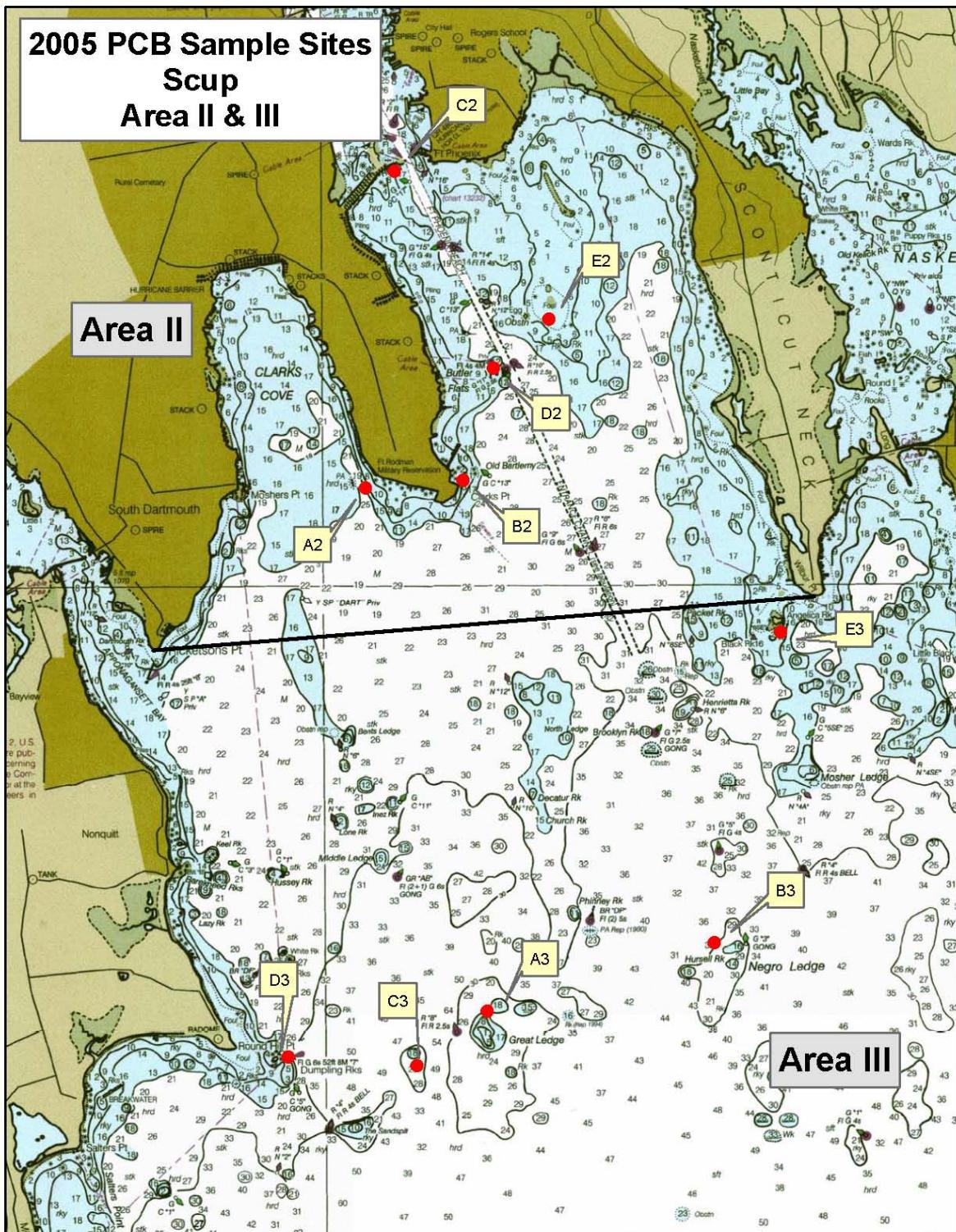


Figure 10 PCBs Concentrations in Lobster - Area II 2005

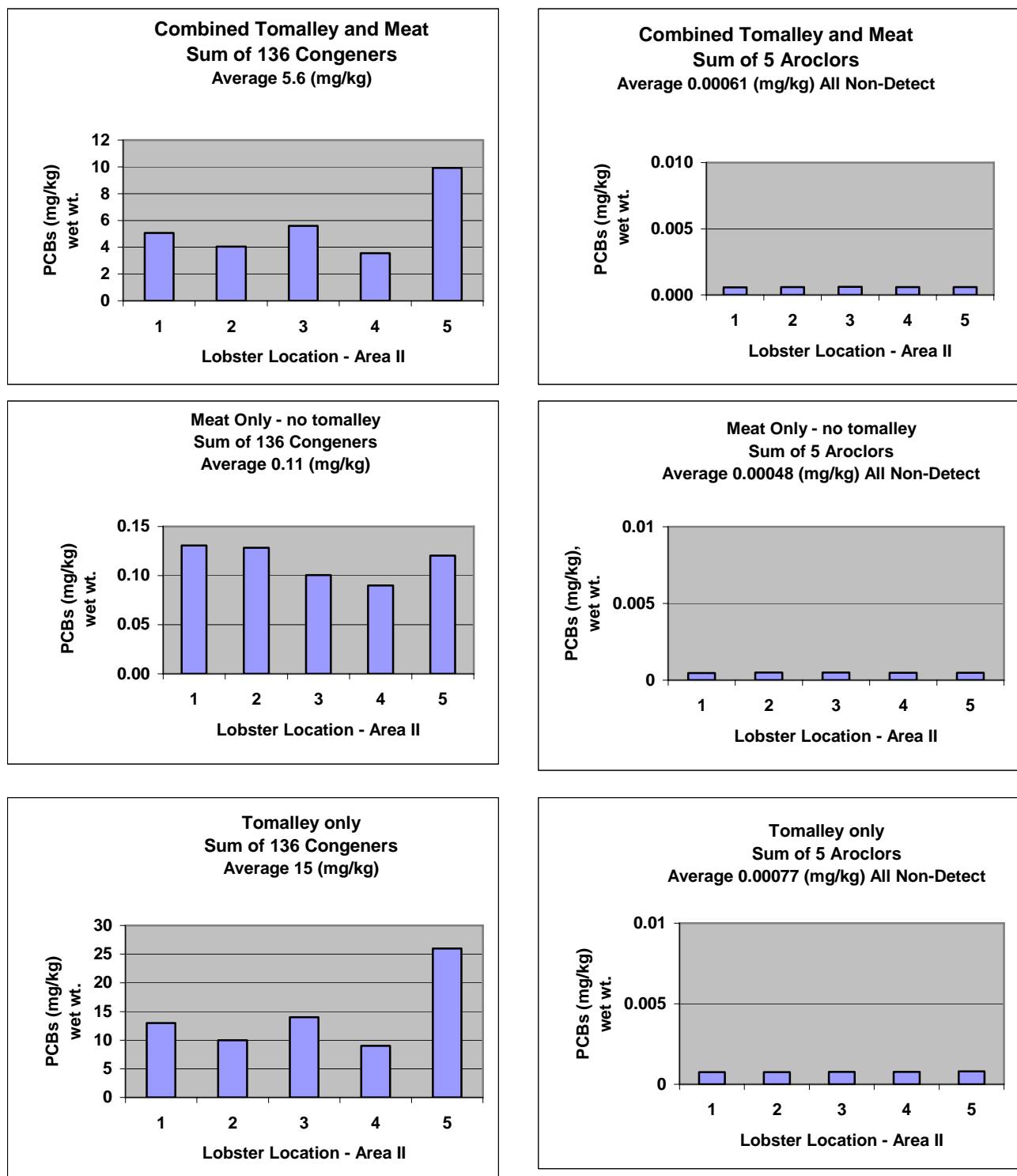


Figure 11 PCBs Concentrations in Lobster - Area III 2005

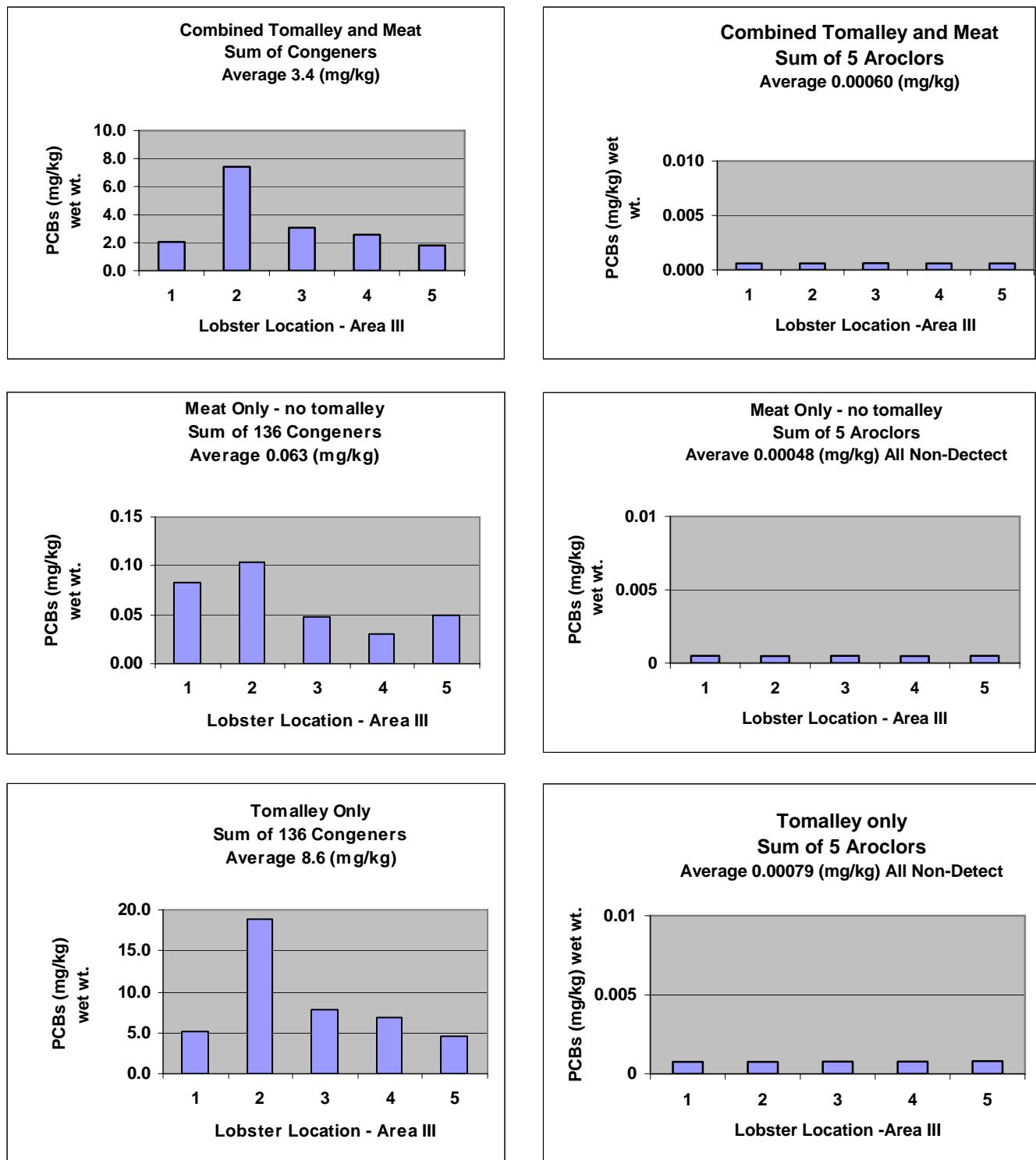


Figure 12 PCBs Concentrations in Blue Crab Area I 2005

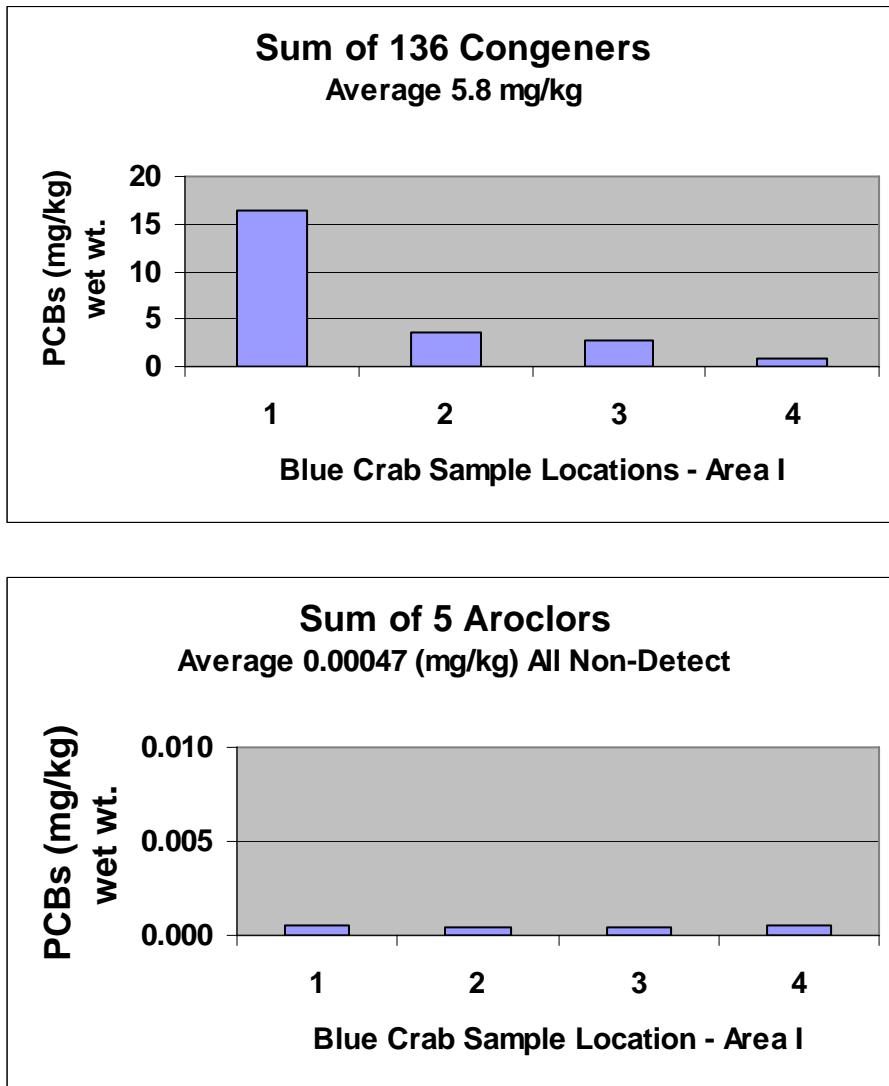


Figure 13 PCBs Concentrations in Quahog 2005

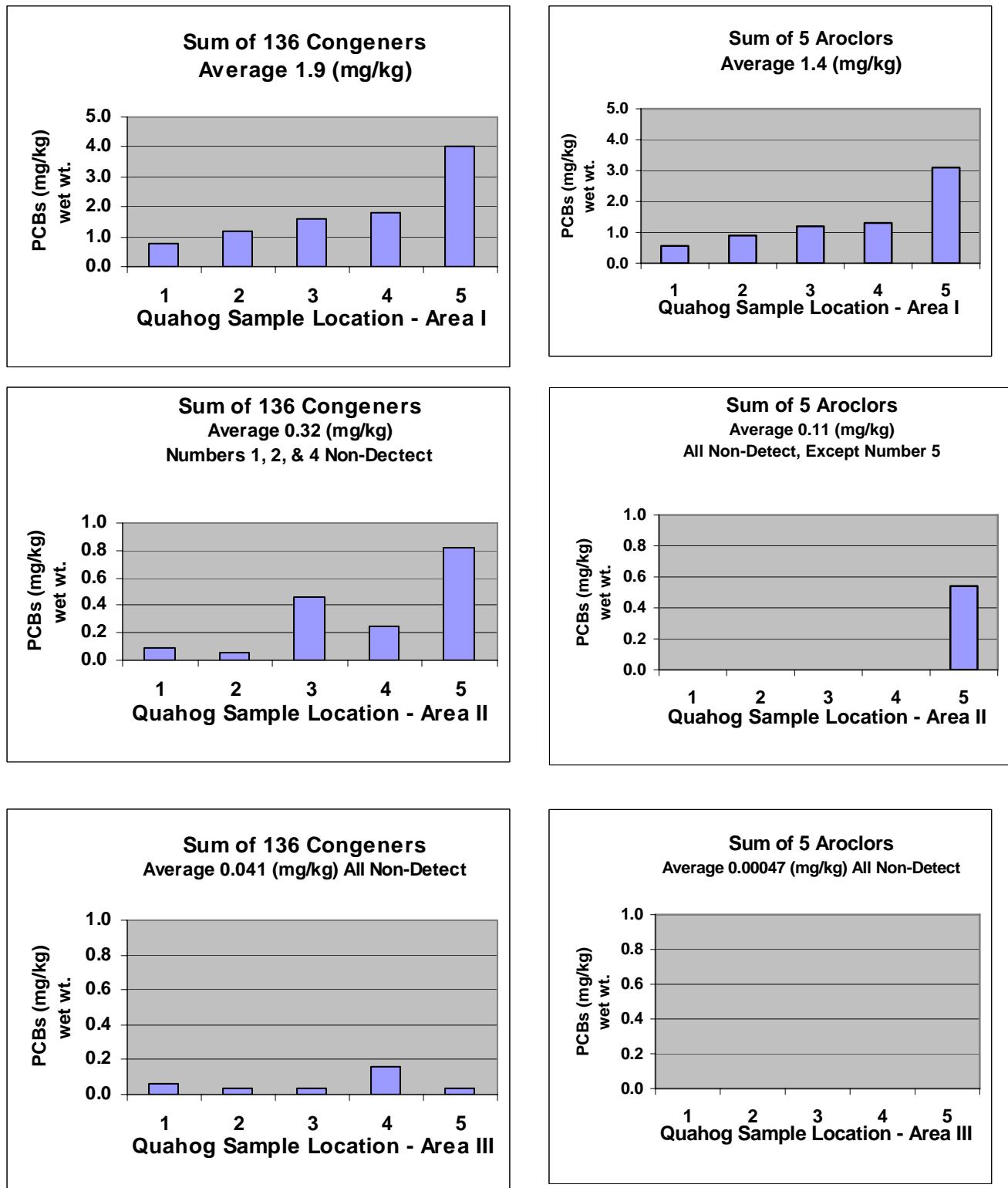


Figure 14 PCBs Concentrations in Eels 2005

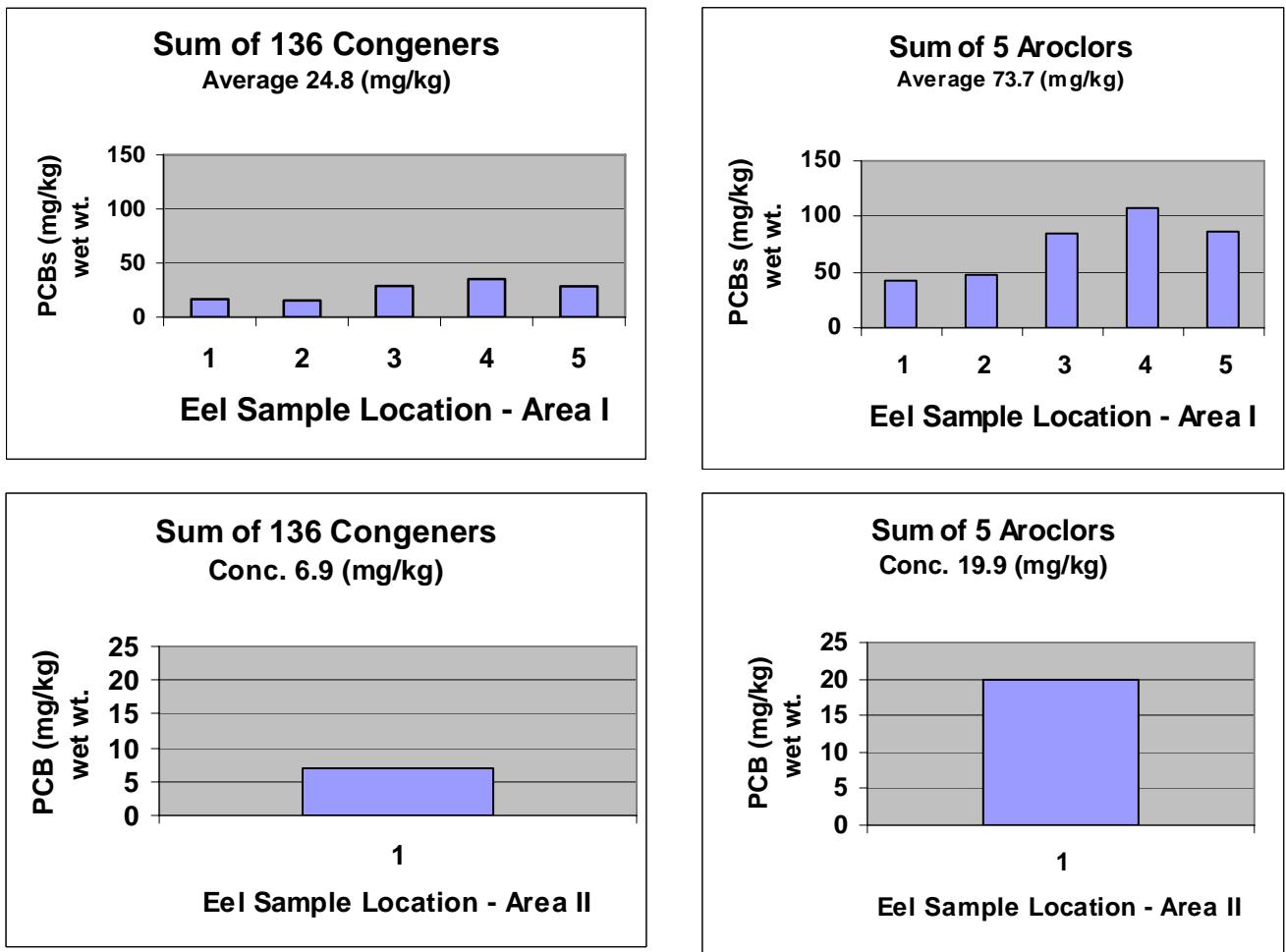


Figure 15 PCBs Concentrations in Black Sea Bass 2005

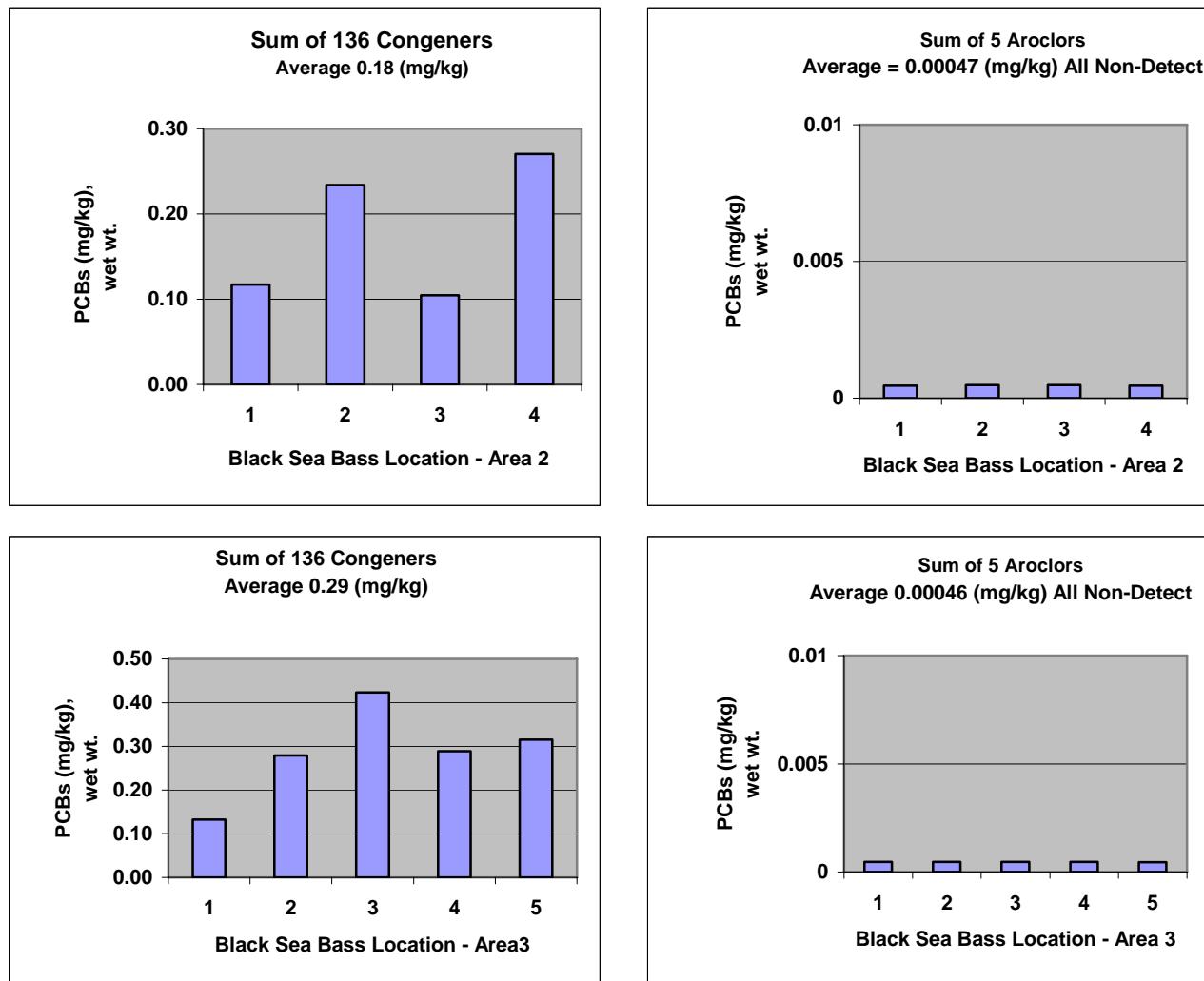
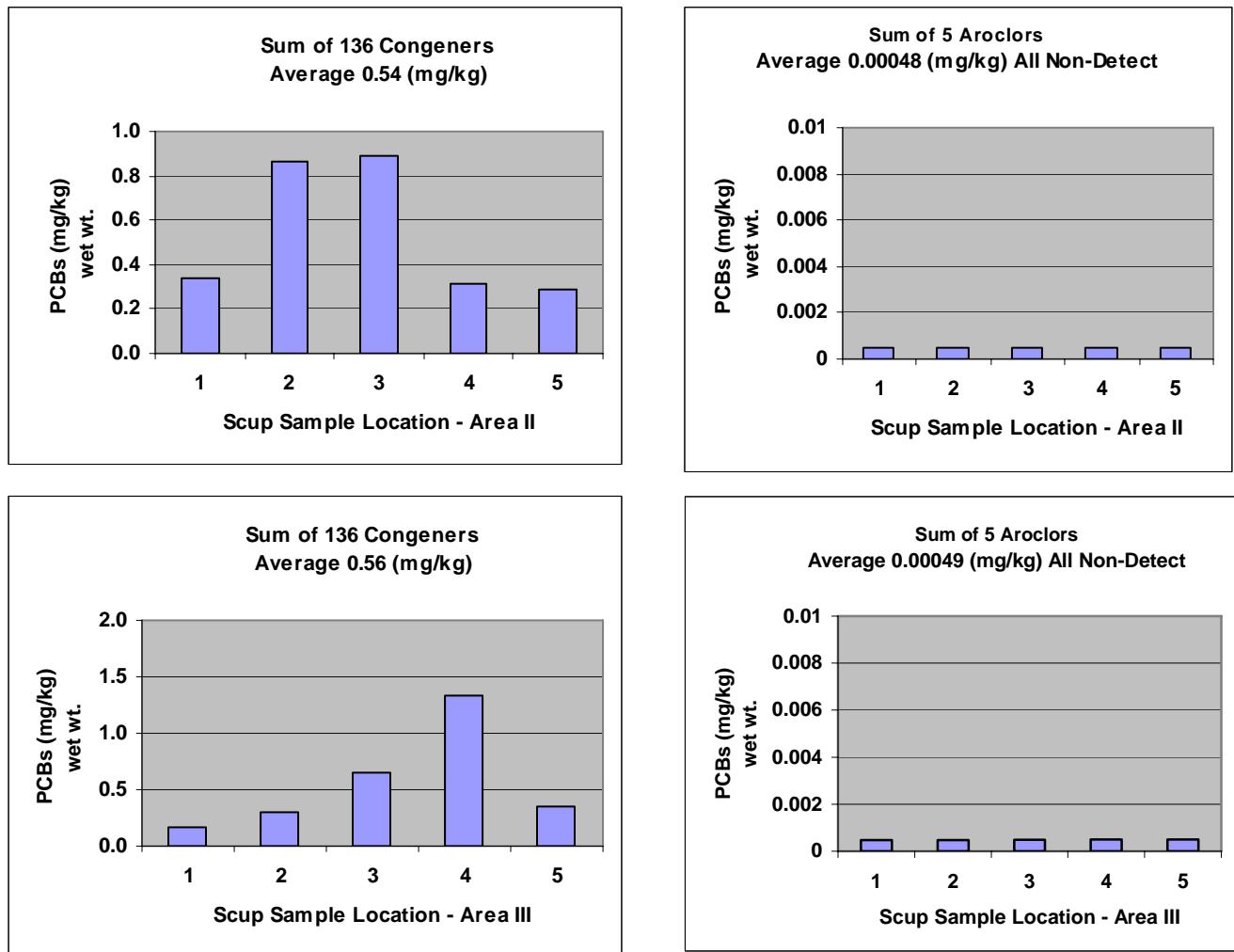


Figure 16 PCBs Concentrations in Scup 2005



TABLES

Table 1 Summary of Sample Data for Lobster

Table 2 Calculated PCB Concentration of Combined Lobster Meat and Tomalley

Table 3 Summary of Sample Data for Blue Crab

Table 4 Summary of Sample Data for Quahog

Table 5 Summary of Sample Data for Eel

Table 6 Summary of Sample Data for Fish

Table 1 Summary of Sample Data for Lobster (mg/kg, wet weight) 2005

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	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	
Meat	I	Station E	5.18	0.21	0.10	J2		0.080		0.052	J2	0.020	J2	0.055	J2	0.00048	U
Meat	II	Station A	5.27	0.34	0.15	J2		0.13		0.086	J2	0.037	J2	0.090	J2	0.00047	U
Meat	II	Station B	5.07	0.30	0.15	J2		0.13		0.090	J2	0.037	J2	0.094	J2	0.00049	U
Meat	II	Station C	5.01	0.22	0.12	J2		0.10		0.065	J2	0.027	J2	0.068	J2	0.00050	U
Meat	II	Station D	5.17	0.37	0.11	J2		0.090		0.062	J2	0.026	J2	0.065	J2	0.00048	U
Meat	II	Station E	5.16	0.23	0.14	J2		0.12		0.076	J2	0.028	J2	0.079	J2	0.00048	U
Average					0.13			0.11		0.076		0.031		0.079		0.00048	U
Meat	III	Station A	5.12	0.27	0.10	J2		0.083		0.059	J2	0.025	J2	0.063	J2	0.00049	U
Meat	III	Station B	5.25	0.23	0.12	J2		0.10		0.065	J2	0.023	J2	0.068	J2	0.00048	U
Meat	III	Station C	5.06	0.26	0.069	J2		0.047		0.035	J2	0.015	J2	0.037	J2	0.00049	U
Meat	III	Station D	5.32	0.21	0.052	J2		0.030		0.021	J2	0.008	J2	0.024	J2	0.00047	U
Meat	III	Station E	5.1	0.43	0.070	J2		0.049		0.036	J2	0.015	J2	0.039	J2	0.00049	U
Average					0.082			0.063		0.043		0.017		0.046		0.00048	U
Tomalley	I	Station E	3.02	11	10	J4		10		6.8	J4	2.2	J4	7.1	J2 J4	0.00083	U
Tomalley	II	Station A	3.27	14	13	J4		13		8.6	J4	3.1	J4	9.0	J2	0.00076	U
Tomalley	II	Station B	3.31	14	10	J4		10		6.9	J4	2.4	J4	7.2	J2	0.00076	U
Tomalley	II	Station C	3.26	19	14	J4		14		9.4	J4	3.3	J4	9.8	J2	0.00077	U
Tomalley	II	Station D	3.26	14	9.0	J4		9.0		6.2	J4	2.1	J4	6.4	J2	0.00077	U
Tomalley	II	Station E	3.14	25	26	J4		26		16	J4	5.3	J4	17	J2	0.00080	U
Average					15			15		9.5		3.2		9.8		0.00077	U
Tomalley	III	Station A	3.17	10	5.2	J4		5.1		3.5	J4	1.2	J4	3.7	J2	0.00079	U
Tomalley	III	Station B	3.31	23	19	J4		19		11	J4	3.9	J4	12	J2	0.00076	U
Tomalley	III	Station C	3.14	19	7.9	J4		7.9		5.5	J4	2.0	J4	5.7	J2	0.00080	U
Tomalley	III	Station D	3.17	16	6.8	J4		6.8		4.4	J4	1.4	J4	4.5	J2	0.00079	U
Tomalley	III	Station E	3.28	17	4.5	J4		4.5		3.1	J4	1.0	J4	3.2	J2	0.00079	U
Average					8.6			8.6		5.6		1.9		5.8		0.00079	U

Notes pertaining to Summary Tables 1 and Tables 3 though 6 below:

- 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 (non-detected results not included)
 - 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) 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 represents the 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% of total congener result
 - J3 = concentration of detected congeners contributes > 90% of total congener result
 - J4 = concentration of detected congeners contributes > 99% of total congener result

mg/kg = milligrams per kilogram

Averages have been rounded to two significant figures.

Table 2 Calculated PCB Concentration of Combined Lobster Meat and Tomalley (mg/kg, wet weight) 2005

Area I - 5 Aroclors								
mg/kg meat	wt meat (kg)	Product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.00048	5180	2.4864	0.00083	3020	2.5066	8200	5	0.00061
Area I – 136 Congeners								
mg/kg meat	wt meat (kg)	Product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.097	5180	502.46	10	3020	30200	8200	30702	3.74
Area II - 5 Aroclors								
mg/kg meat	wt meat (kg)	product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.00047	5270	2.4769	0.00076	3270	2.4852	8540	5	0.00058
0.00049	5070	2.4843	0.00076	3310	2.5156	8380	5	0.00060
0.0005	5010	2.505	0.00077	3260	2.5102	8270	5	0.00061
0.00048	5170	2.4816	0.00077	3260	2.5102	8430	5	0.00059
0.00048	5160	2.4768	0.0008	3140	2.512	8300	5	0.00060
							Average	0.00060
Area II - 136 Congeners								
mg/kg meat	wt meat (kg)	product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.15	5270	790.5	13	3270	42510	8540	43301	5.07
0.15	5070	760.5	10	3310	33100	8380	33861	4.04
0.12	5010	601.2	14	3260	45640	8270	46241	5.59
0.11	5170	568.7	9	3260	29340	8430	29909	3.55
0.14	5160	722.4	26	3140	81640	8300	82362	9.92
							Average	5.6
Area III - 5 Aroclors								
mg/kg meat	wt meat (kg)	product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.00049	5120	2.5088	0.00079	3170	2.5043	8290	5	0.00060
0.00048	5250	2.52	0.00076	3310	2.5156	8560	5	0.00059
0.00049	5060	2.4794	0.0008	3140	2.512	8200	5	0.00061
0.00047	5320	2.5004	0.00079	3170	2.5043	8490	5	0.00059
0.00049	5100	2.499	0.00079	3280	2.5912	8380	5	0.00061
							Average	0.00060
Area III - 136 Congeners								
mg/kg meat	wt meat (kg)	product meat	mg/kg tomalley	wt tomalley	product tomalley	total weight	sum of products	total concentration
0.1	5120	512	5.2	3170	16484	8290	16996	2.05
0.12	5250	630	19	3310	62890	8560	63520	7.42
0.069	5060	349.14	7.9	3140	24806	8200	25155	3.07
0.052	5320	276.64	6.8	3170	21556	8490	21833	2.57
0.07	5100	357	4.5	3280	14760	8380	15117	1.80
							Average	3.4

Table 3 Summary of Data for Blue Crab (mg/kg, wet weight) 2005 – Area I

Station	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			
		PERCENT	MG/KG		MG/KG	MG/KG						
Station A	0.98	16.3	J4	16.3	7.7	J4	0.88	J4	7.8	J4	0.00048	U
Station B	0.86	3.5	J4	3.5	2.0	J4	0.50	J4	2.0	J4	0.00046	U
Station C	0.38	2.7	J4	2.7	1.5	J4	0.41	J4	1.6	J4	0.00047	U
Station D	0.32	0.81	J4	0.80	0.44	J4	0.10	J4	0.45	J4	0.00048	U
Average		5.8		5.8	2.9		0.47		3.0		0.00047	U

Table 4 Summary of Sample Data for Quahog (mg/kg, wet weight) 2005

Parameter	Station	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	
Area	Units	PERCENT	MG/KG		MG/KG	MG/KG		MG/KG		MG/KG		MG/KG	
I	Station A	0.24	0.78	J4	0.77	0.33	J4	0.042	J4	0.34	J4	0.56	J4
I	Station B	0.29	1.2	J4	1.2	0.50	J4	0.050	J4	0.50	J4	0.90	J4
I	Station C	0.24	1.6	J4	1.6	0.68	J4	0.079	J4	0.70	J4	1.2	J4
I	Station D	0.18	1.8	J4	1.8	0.76	J4	0.10	J4	0.77	J4	1.3	J4
I	Station E	0.27	4.0	J4	4.0	1.7	J4	0.17	J4	1.7	J4	3.1	J4
Average			1.9		1.9	0.79		0.088		0.80		1.4	
II	Station A	0.24	0.094	J2	0.080	0.038	J2	0.0082	J2	0.040	J2	0.00046	U
II	Station B	0.2	0.056	J2	0.037	0.020	J2	0.0049	J2	0.022	J2	0.00047	U
II	Station C	0.2	0.46	J3	0.46	0.20	J3	0.026	J3	0.20	J3	0.00047	U
II	Station D	0.16	0.25	J3	0.24	0.10	J3	0.013	J3	0.11	J3	0.00046	U
II	Station E	0.28	0.82	J4	0.81	0.35	J4	0.052	J4	0.36	J4	0.54	J4
Average			0.34		0.32	0.14		0.021		0.15		0.11	
III	Station A	0.28	0.063	J2	0.045	0.023	J2	0.0062	J2	0.025	J2	0.00047	U
III	Station B	0.2	0.039	J1	0.016	0.0095	J2	0.0033	J1	0.012	J1	0.00046	U
III	Station C	0.22	0.032	J1	0.00021	0.0054	J1	0.0031	U	0.0075	U	0.00047	U
III	Station D	0.23	0.16	J3	0.14	0.066	J3	0.011	J3	0.068	J3	0.00047	U
III	Station E	0.15	0.032	U	0.00095	0.0056	U	0.0031	U	0.0078	U	0.00047	U
Average			0.065		0.041	0.022		0.0053		0.024		0.00047	

Table 5 Summary of Sample Data for American Eel (mg/kg, wet weight) 2005

Parameter	Station	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	
Area	Units	PERCENT	MG/KG		MG/KG	MG/KG		MG/KG		MG/KG		MG/KG	
I	Station A	7.2	16	J4	16	8.8	J4	1.8	J4	9.0	J4	43	J4
I	Station B	3.2	15	J4	15	8.8	J4	2.6	J4	9.0	J4	48	J4
I	Station C	7	29	J4	29	16	J4	4.4	J4	16	J4	85	J4
I	Station D	1.3	35	J4	35	16	J4	3.2	J4	17	J4	107	J4
I	Station E	2.7	28	J4	28	14	J4	3.2	J4	14	J4	86	J4
Average			25		25	13		3.0		13		74	
II	Station C	2.5	6.9	J4	6.9	3.6	J4	1.0	J4	3.7	J4	19.9	J4

Table 6 Summary of Sample Data for Fish (mg/kg, wet weight) 2005

Parameter	Area	Station	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			
				Species	Units	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG		
Black Sea Bass	II	Station A		0.58		0.13	J2	0.12		0.080	J2	0.023	J2	0.083	J2	0.00046	U
Black Sea Bass	II	Station B		1.7		0.25	J3	0.23		0.16	J3	0.045	J3	0.16	J3	0.00048	U
Black Sea Bass	II	Station D		0.75		0.12	J2	0.10		0.068	J2	0.020	J2	0.072	J2	0.00048	U
Black Sea Bass	II	Station E		0.92		0.28	J3	0.27		0.16	J3	0.048	J3	0.17	J3	0.00046	U
Average						0.20		0.18		1.2		0.034		0.12		0.00047	U
Scup	II	Station A		1.3		0.35	J3	0.34		0.19	J3	0.046	J3	0.20	J3	0.00047	U
Scup	II	Station B		1.4		0.87	J4	0.86		0.48	J4	0.12	J4	0.49	J4	0.00047	U
Scup	II	Station C		1.3		0.89	J4	0.89		0.52	J4	0.14	J4	0.54	J4	0.00047	U
Scup	II	Station D		0.64		0.32	J3	0.31		0.20	J3	0.053	J3	0.20	J3	0.00049	U
Scup	II	Station E		1.1		0.30	J3	0.29		0.17	J3	0.044	J3	0.18	J3	0.0005	U
Average						0.55		0.54		0.31		0.08		0.32		0.00048	U
Black Sea Bass	III	Station A		0.78		0.15	J2	0.13		0.090	J2	0.027	J2	0.094	J2	0.00047	U
Black Sea Bass	III	Station B		1.4		0.29	J3	0.28		0.18	J3	0.050	J3	0.19	J3	0.00046	U
Black Sea Bass	III	Station C		1		0.43	J3	0.42		0.24	J3	0.062	J3	0.25	J3	0.00046	U
Black Sea Bass	III	Station D		1.3		0.30	J3	0.29		0.18	J3	0.047	J3	0.19	J3	0.00046	U
Black Sea Bass	III	Station D		1.6		0.33	J3	0.32		0.20	J3	0.056	J3	0.20	J3	0.00045	U
Average						0.30		0.29		0.18		0.048		0.18		0.00046	U
Scup	III	Station A		0.98		0.19	J3	0.17		0.10	J3	0.028	J3	0.11	J3	0.00048	U
Scup	III	Station B		0.68		0.31	J3	0.29		0.19	J3	0.049	J3	0.19	J3	0.00048	U
Scup	III	Station C		1		0.65	J3	0.65		0.36	J3	0.090	J3	0.37	J3	0.00049	U
Scup	III	Station D		2.1		1.3	J4	1.3		0.70	J4	0.17	J4	0.72	J4	0.0005	U
Scup	III	Station E		0.99		0.37	J3	0.36		0.21	J3	0.056	J3	0.22	J3	0.0005	U
Average						0.57		0.56		0.31		0.079		0.32		0.00049	U

Table 6 (Continued) Summary of Sample Data for Fish (mg/kg, wet weight) 2005

Parameter	Area	Station	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
Species		Units	PERCENT	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Alewife	I	Station A	1.6	4.9 J4	4.9	2.2 J4	0.17 J4	2.2 J4	0.00047 U
Alewife	I	Station B	2.6	9.9 J4	9.9	4.3 J4	0.22 J4	4.4 J4	0.00047 U
Average				7.4	7.4	3.3	0.20	3.3	0.00047 U
Winter Flounder	II	Station C	0.32	2.0 J4	2.0	0.93 J4	0.22 J4	0.96 J4	5.6 J4

Appendices

- Appendix A Laboratory Data
- Appendix B Data Validation Summary, MassDEP, NBH Seafood Contaminant Survey Monitoring 2005 Sampling
- Appendix C Seafood Monitoring - Field Sampling Activities for the NBH Superfund Site 2005 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 Quahog Area I
- Table 3B Sample Data for Quahog Area II
- Table 3C Sample Data for Quahog Area III
- Table 4 Sample Data for Alewife and Winter Flounder
- Table 5 Sample Data for Eel
- Table 6 Sample Data for Black Sea Bass
- Table 7A Sample Data for Scup Area II
- Table 7B Sample Data for Scup Area III

The following notes and footnotes apply to the tables in Appendix A

Results reported in mg/kg wet weight, unless otherwise noted.

PCB Congeners and Aroclors analyzed by GC/MS-SIM.

PCB Congeners (total)¹: The reported total congener concentration is the summation of 136 individual PCB congener results, including positive values, estimated "J flagged" values, and one-half the quantitation limit for non-detected "U flagged" values.

PCB Aroclors (total)²: The reported total Aroclor concentration is summation of 5 individual PCB Aroclors results including positive values and estimated "J flagged" values. If all Aroclor results were non-detected, then total value reflects the sums of the quantitation limit for each individual Aroclor.

Table 1A Sample Data for Lobster Meat (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
Species	Lobster	Lobster	Lobster	Lobster	Lobster	Lobster
Area	I	II	II	II	II	II
Station	Station E	Station A	Station B	Station C	Station D	Station E
Weight (grams)	5.18	5.27	5.07	5.01	5.17	5.16
Lipids, %	0.21	0.34	0.3	0.22	0.37	0.23
136 PCB Congeners (total) ¹	0.097	0.15	0.15	0.12	0.11	0.14
5 PCB Aroclors (total) ²	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI1-BZ#1	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI1-BZ#3	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI2-BZ#4/#10	0.00097 U	0.00095 U	0.00099 U	0.001 U	0.00097 U	0.00097 U
CI2-BZ#5/#8	0.00097 U	0.00043 J	0.00099 U	0.00032 J	0.00097 U	0.00097 U
CI2-BZ#6	0.00048 U	0.0002 J	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI2-BZ#7	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI2-BZ#12/#13	0.00027 J	0.00052 J	0.00033 J	0.00036 J	0.00021 J	0.00027 J
CI2-BZ#15	0.00026 J	0.00048	0.00032 J	0.00047 J	0.00028 J	0.0006
CI3-BZ#16/#32	0.00062 J	0.0011	0.00056 J	0.00088 J	0.00054 J	0.0013
CI3-BZ#17	0.00019 J	0.00029 J	0.00049 U	0.00031 J	0.00048 U	0.00041 J
CI3-BZ#18	0.00048 U	0.00062 U	0.00049 U	0.00059 U	0.00048 U	0.00075 U
CI3-BZ#19	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI3-BZ#21/#33	0.00097 U	0.00023 J	0.00099 U	0.001 U	0.00097 U	0.00023 J
CI3-BZ#22	0.00019 J	0.00036 J	0.00049 U	0.00027 J	0.00048 U	0.00034 J
CI3-BZ#24/#27	0.00097 U	0.00095 U	0.00099 U	0.001 U	0.00097 U	0.00097 U
CI3-BZ#25	0.00048 U	0.00027 J	0.00049 U	0.0005 U	0.00048 U	0.00031 J
CI3-BZ#26	0.00042 J	0.00075	0.00034 J	0.0007	0.00034 J	0.00098
CI3-BZ#28/#31	0.005 J	0.0084	0.0056	0.0078 J	0.005 J	0.012 J
CI3-BZ#29	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI3-BZ#37	0.00028 J	0.00052	0.00039 J	0.00037 J	0.00034 J	0.00061
CI4-BZ#40	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#41/#71	0.0006 J	0.00097	0.00053 J	0.00072 J	0.00048 J	0.001
CI4-BZ#42	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#43/#49	0.00046 J	0.00086 J	0.0003 J	0.00062 J	0.00041 J	0.0013
CI4-BZ#44	0.00048 U	0.00021 J	0.00049 U	0.0005 U	0.00048 U	0.00023 J
CI4-BZ#45	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#46	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#47/#48	0.0024	0.0035	0.0034	0.0031	0.0026	0.0052
CI4-BZ#50	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#51	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#52	0.00083	0.0016	0.00088	0.0013	0.00078	0.0021
CI4-BZ#53	0.00048 U	0.00021 J	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#54	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#56/#60	0.00055 J	0.00084 J	0.00066 J	0.00071 J	0.0006 J	0.0011
CI4-BZ#63	0.00023 J	0.00034 J	0.00032 J	0.00026 J	0.00023 J	0.00032 J
CI4-BZ#64	0.00056	0.00083	0.00061	0.00058	0.0004 J	0.00096

Table 1A (continued) Sample Data for Lobster Meat (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
CI4-BZ#66	0.0033	0.0051	0.0054	0.0039	0.004	0.0056
CI4-BZ#70	0.0004 J	0.0005	0.0004 J	0.00044 J	0.00031 J	0.00057
CI4-BZ#74	0.0025	0.0061	0.0042	0.0044	0.0034	0.0053
CI4-BZ#76	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI4-BZ#77	0.00026 J	0.00048 J	0.00056 J	0.00038 J	0.00033 J	0.00036 J
CI4-BZ#81	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#82	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#83	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#85	0.001	0.0012	0.0016	0.001	0.0011	0.0012
CI5-BZ#87	0.0007	0.0011	0.00096	0.00073	0.00074	0.00098
CI5-BZ#89	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#91	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#92	0.00071	0.00072	0.00082	0.00068	0.00051	0.00081
CI5-BZ#95	0.00024 J	0.00047	0.00049 U	0.0005 U	0.00048 U	0.00041 J
CI5-BZ#97	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#99	0.0062	0.0086	0.009	0.0065	0.0062	0.0086
CI5-BZ#100	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#101/#84	0.0018	0.0023	0.0022	0.0022	0.0017	0.0028
CI5-BZ#104	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#105	0.0023	0.0039	0.0039	0.003	0.003	0.0031
CI5-BZ#107	0.0009	0.0012	0.0014	0.00088	0.00084	0.00086
CI5-BZ#110	0.0017	0.0017	0.0013	0.0014	0.0011	0.002
CI5-BZ#114	0.00048 U	0.00021 J	0.00021 J	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#118	0.013	0.026	0.026	0.018	0.017	0.019
CI5-BZ#119	0.0004 J	0.00048	0.00051	0.00041 J	0.00036 J	0.00051
CI5-BZ#123	0.00048 U	0.00034 J	0.00037 J	0.00021 J	0.00025 J	0.00025 J
CI5-BZ#124	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI5-BZ#126	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#129	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#130	0.00033 J	0.00039 J	0.00043 J	0.00033 J	0.00027 J	0.0004 J
CI6-BZ#131	0.00048 U	0.00047 U	0.00049 U	0.0027	0.00048 U	0.00048 U
CI6-BZ#132/#168	0.00097 U	0.00095 U	0.00099 U	0.001 U	0.00097 U	0.00097 U
CI6-BZ#134	0.00029 J	0.00034 J	0.00042 J	0.00028 J	0.0003 J	0.00032 J
CI6-BZ#135/#144	0.00026 J	0.0002 J	0.00029 J	0.001 U	0.00023 J	0.00028 J
CI6-BZ#136	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#137	0.00036 J	0.00059	0.00068	0.0005	0.00058	0.00059
CI6-BZ#138/#163	0.0075	0.011	0.013	0.0079	0.0082	0.0086
CI6-BZ#141	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#146	0.0021	0.0029	0.0036	0.0022	0.0023	0.0023
CI6-BZ#147	0.00044 J	0.00069	0.00068	0.00053	0.00058	0.00063
CI6-BZ#149	0.00066	0.0008	0.0006	0.00064	0.00056	0.001
CI6-BZ#151	0.00048 U	0.00033 J	0.00049 U	0.0002 J	0.00048 U	0.00027 J
CI6-BZ#153	0.012	0.019	0.023	0.014	0.015	0.015

Table 1A (continued) Sample Data for Lobster Meat (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
CI6-BZ#154	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#155	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI6-BZ#156	0.00085	0.0013	0.0013	0.00096	0.001	0.001
CI6-BZ#157	0.0002 J	0.00031 J	0.00035 J	0.00025 J	0.00024 J	0.00022 J
CI6-BZ#158	0.00057	0.0009	0.00079	0.0007	0.0007	0.00092
CI6-BZ#167/#128	0.0022	0.0033	0.0038	0.0025	0.0028	0.0027
CI6-BZ#169	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#170/#190	0.00053 J	0.00074 J	0.00091 J	0.00063 J	0.00066 J	0.00072 J
CI7-BZ#171	0.00048 U	0.00019 J	0.00022 J	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#172	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#173	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#174	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#175	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#176	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#177	0.00025 J	0.00028 J	0.00036 J	0.00023 J	0.00028 J	0.00029 J
CI7-BZ#178	0.0002 J	0.00029 J	0.00036 J	0.00024 J	0.00023 J	0.00023 J
CI7-BZ#180	0.001	0.0015	0.0018	0.0012	0.0012	0.0013
CI7-BZ#182/#187	0.0012	0.0019	0.002	0.0013	0.0014	0.0014
CI7-BZ#183	0.00029 J	0.00039 J	0.00036 J	0.00028 J	0.00031 J	0.00038 J
CI7-BZ#184	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#185	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#188	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#189	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#191	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI7-BZ#193	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#194	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#195	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#196/203	0.00097 U	0.00095 U	0.00099 U	0.001 U	0.00097 U	0.00097 U
CI8-BZ#197	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#199	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#200	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#201	0.00048 U	0.00047 U	0.00023 J	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#202	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI8-BZ#205	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI9-BZ#206	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI9-BZ#207	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI9-BZ#208	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
CI10-BZ#209	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
Aroclor-1232	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
Aroclor-1242	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
Aroclor-1248	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
Aroclor-1254	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U
Aroclor-1260	0.00048 U	0.00047 U	0.00049 U	0.0005 U	0.00048 U	0.00048 U

Table 1B Sample Data for Lobster Tomalley (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
Species	Lobster	Lobster	Lobster	Lobster	Lobster	Lobster
Area	I	II	II	II	II	II
Station	Station E	Station A	Station B	Station C	Station D	Station E
Weight (grams)	3.02	3.27	3.31	3.26	3.26	3.14
Lipids, %	11	14	14	19	14	25
136 PCB Congeners (total) ¹	10	13	10	14	9.0	26
5 PCB Aroclors (total) ²	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI1-BZ#1	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI1-BZ#3	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI2-BZ#4/#10	0.0033	0.0036	0.0025	0.0056	0.0024	0.012
CI2-BZ#5/#8	0.012	0.021	0.0077	0.02	0.0067	0.043
CI2-BZ#6	0.005	0.0099	0.0023	0.0056	0.0022	0.016
CI2-BZ#7	0.00086	0.0015	0.0006 J	0.0017	0.00064 J	0.0033
CI2-BZ#12/#13	0.0078	0.012	0.0059	0.014	0.0039	0.028
CI2-BZ#15	0.021	0.027	0.018	0.04	0.014	0.082
CI3-BZ#16/#32	0.05	0.065	0.034	0.078	0.028	0.16
CI3-BZ#17	0.013	0.018	0.0081	0.019	0.0061	0.053
CI3-BZ#18	0.017	0.024	0.01	0.026	0.0083	0.082
CI3-BZ#19	0.0007 J	0.00081 J	0.00048 J	0.0011 J	0.00054 J	0.0025 J
CI3-BZ#21/#33	0.0094	0.01	0.0068	0.011	0.0048	0.027
CI3-BZ#22	0.016	0.023	0.0089	0.024	0.008	0.046
CI3-BZ#24/#27	0.0021	0.0034	0.0014 J	0.0036	0.0011 J	0.011
CI3-BZ#25	0.01	0.015	0.005	0.016	0.0046	0.052
CI3-BZ#26	0.032 J	0.046 J	0.021 J	0.054 J	0.015 J	0.15 J
CI3-BZ#28/#31	0.59	0.68	0.43	0.95	0.36	1.7
CI3-BZ#29	0.00083 U	0.00076 U	0.00076 U	0.00032 J	0.00077 U	0.00067 J
CI3-BZ#37	0.035	0.043	0.031	0.052	0.025	0.1
CI4-BZ#40	0.0027	0.0035	0.0017	0.0037	0.0014	0.012
CI4-BZ#41/#71	0.047	0.064	0.031	0.077	0.028	0.16
CI4-BZ#42	0.0014	0.0018	0.00065 J	0.0014	0.00067 J	0.012
CI4-BZ#43/#49	0.038	0.054	0.022	0.057	0.021	0.26
CI4-BZ#44	0.0047	0.0058	0.0022	0.0053	0.0021	0.028
CI4-BZ#45	0.00089	0.0012	0.00053 J	0.0012	0.0004 J	0.0046
CI4-BZ#46	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI4-BZ#47/#48	0.28	0.32	0.26	0.41	0.22	0.99
CI4-BZ#50	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI4-BZ#51	0.0024	0.0036	0.0012	0.003	0.0012	0.0082
CI4-BZ#52	0.08	0.11	0.075	0.14	0.052	0.39
CI4-BZ#53	0.0015	0.002	0.00082	0.002	0.00066 J	0.01
CI4-BZ#54	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI4-BZ#56/#60	0.06	0.075	0.046	0.095	0.05	0.22
CI4-BZ#63	0.025	0.035	0.024	0.04	0.021	0.07
CI4-BZ#64	0.064	0.066	0.051	0.075	0.036	0.15

Table 1B (Continued) Sample Data for Lobster Tomalley (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
CI4-BZ#66	0.43	0.5	0.45	0.59	0.39	0.94
CI4-BZ#70	0.043	0.049	0.04	0.06	0.029	0.14
CI4-BZ#74	0.3	0.39	0.27	0.51	0.26	0.75
CI4-BZ#76	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI4-BZ#77	0.062	0.077	0.064	0.094	0.053	0.14
CI4-BZ#81	0.003	0.0036	0.003	0.0043	0.0026	0.0075
CI5-BZ#82	0.0018	0.0015	0.0016	0.0024	0.0012	0.0067
CI5-BZ#83	0.006	0.0046	0.0038	0.0051	0.0031	0.017
CI5-BZ#85	0.11	0.12	0.14	0.14	0.11	0.28
CI5-BZ#87	0.074	0.1	0.074	0.11	0.067	0.21
CI5-BZ#89	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI5-BZ#91	0.0078	0.0083	0.0039	0.0095	0.0046	0.053
CI5-BZ#92	0.07	0.063	0.076	0.089	0.048	0.18
CI5-BZ#95	0.013 J	0.012 J	0.0078 J	0.013 J	0.0067 J	0.064 J
CI5-BZ#97	0.0025	0.0022	0.001	0.0026	0.00094	0.014
CI5-BZ#99	0.7	0.81	0.66	0.76	0.48	1.8
CI5-BZ#100	0.0078	0.0074	0.0081	0.0096	0.0052	0.021
CI5-BZ#101/#84	0.22	0.24	0.24	0.36	0.17	0.75
CI5-BZ#104	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI5-BZ#105	0.32	0.43	0.35	0.5	0.33	0.64
CI5-BZ#107	0.13	0.15	0.13	0.16	0.098	0.24
CI5-BZ#110	0.17	0.15	0.13	0.2	0.098	0.45
CI5-BZ#114	0.013	0.02	0.013	0.022	0.013	0.042
CI5-BZ#118	1.3	1.9	1.4	1.9	1.2	3.2
CI5-BZ#119	0.049	0.049	0.046	0.058	0.033	0.11
CI5-BZ#123	0.026	0.038	0.027	0.043	0.025	0.076
CI5-BZ#124	0.0057	0.0061	0.0061	0.0079	0.0035	0.017
CI5-BZ#126	0.007	0.0098	0.0084	0.011	0.0063	0.015
CI6-BZ#129	0.0049	0.0045	0.0039	0.005	0.0045	0.0099
CI6-BZ#130	0.041	0.042	0.043	0.051	0.031	0.092
CI6-BZ#131	0.0017 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0016 U
CI6-BZ#132/#168	0.0098	0.0074	0.004	0.0084	0.0052	0.035
CI6-BZ#134	0.032	0.038	0.036	0.044	0.03	0.076
CI6-BZ#135/#144	0.025	0.019	0.025	0.024	0.018	0.065
CI6-BZ#136	0.00088	0.00057 J	0.00076 U	0.00098	0.00049 J	0.005
CI6-BZ#137	0.051	0.07	0.056	0.08	0.053	0.14
CI6-BZ#138/#163	1.2	1.2	1.1	1.2	1.2	2.2
CI6-BZ#141	0.008	0.0085	0.0086	0.012	0.0057	0.032
CI6-BZ#146	0.32	0.41	0.37	0.46	0.3	0.58
CI6-BZ#147	0.043	0.053	0.046	0.063	0.04	0.11
CI6-BZ#149	0.075	0.071	0.07	0.094	0.05	0.28
CI6-BZ#151	0.017	0.013	0.017	0.021	0.011	0.059
CI6-BZ#153	1.9	2.6	2	2.6	1.7	4.4

Table 1B (Continued) Sample Data for Lobster Tomalley (mg/kg, wet weight) Area I & II – 2005

Sample#	NBH05-L-E-1	NBH05-L-A-2	NBH05-L-B-2	NBH05-L-C-2	NBH05-L-D-2	NBH05-L-E-2
CI6-BZ#154	0.016	0.014	0.013	0.016	0.0082	0.034
CI6-BZ#155	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.00037 J
CI6-BZ#156	0.13 J	0.18 J	0.14 J	0.2 J	0.14 J	0.33 J
CI6-BZ#157	0.032	0.041	0.034	0.047	0.032	0.066
CI6-BZ#158	0.09	0.12	0.077	0.12	0.09	0.25
CI6-BZ#167/#128	0.34 J	0.42 J	0.38 J	0.49 J	0.34 J	0.74 J
CI6-BZ#169	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI7-BZ#170/#190	0.076 J	0.094 J	0.082 J	0.12 J	0.074 J	0.2 J
CI7-BZ#171	0.016	0.02	0.017	0.022	0.016	0.039
CI7-BZ#172	0.012	0.014	0.014	0.017	0.01	0.029
CI7-BZ#173	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI7-BZ#174	0.005	0.0044	0.0059	0.0058	0.0034	0.014
CI7-BZ#175	0.0037	0.0047	0.0037	0.0052	0.0035	0.0083
CI7-BZ#176	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.001
CI7-BZ#177	0.031	0.025	0.03	0.034	0.027	0.066
CI7-BZ#178	0.024	0.029	0.028	0.034	0.024	0.052
CI7-BZ#180	0.18	0.21	0.19	0.27	0.17	0.43
CI7-BZ#182/#187	0.17	0.2	0.19	0.23	0.16	0.35
CI7-BZ#183	0.038	0.044	0.028	0.052	0.034	0.093
CI7-BZ#184	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI7-BZ#185	0.00083 U	0.00076 U	0.00032 J	0.00054 J	0.00077 U	0.0011
CI7-BZ#188	0.0011	0.0011	0.0011	0.0016	0.00097	0.0024
CI7-BZ#189	0.0054	0.0073	0.0057	0.0081	0.0057	0.012
CI7-BZ#191	0.0041	0.0054	0.0032	0.0059	0.004	0.01
CI7-BZ#193	0.013	0.017	0.016	0.019	0.012	0.029
CI8-BZ#194	0.015	0.017	0.015	0.021	0.013	0.034
CI8-BZ#195	0.0036	0.0041	0.0038	0.0052	0.0032	0.0087
CI8-BZ#196/203	0.016	0.018	0.015	0.024	0.014	0.042
CI8-BZ#197	0.00073 J	0.00089	0.0006 J	0.001	0.00063 J	0.0017
CI8-BZ#199	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
CI8-BZ#200	0.003	0.0033	0.0028	0.0044	0.003	0.0065
CI8-BZ#201	0.015	0.017	0.019	0.021	0.013	0.036
CI8-BZ#202	0.0073	0.0076	0.0079	0.0099	0.007	0.016
CI8-BZ#205	0.00083 U	0.00066 J	0.00059 J	0.00072 J	0.00077 U	0.0015
CI9-BZ#206	0.0039	0.004	0.0038	0.0057	0.0033	0.016
CI9-BZ#207	0.00056 J	0.00086	0.00056 J	0.00097	0.00052 J	0.0022
CI9-BZ#208	0.0022	0.0019	0.0022	0.0029	0.0019	0.0079
CI10-BZ#209	0.00086	0.00073 J	0.00092	0.0013	0.00081	0.0076
Aroclor-1232	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
Aroclor-1242	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
Aroclor-1248	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
Aroclor-1254	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U
Aroclor-1260	0.00083 U	0.00076 U	0.00076 U	0.00077 U	0.00077 U	0.0008 U

Table 1C Sample Data for Lobster Meat (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
Species	Lobster	Lobster	Lobster	Lobster	Lobster
Station	Station A	Station B	Station C	Station D	Station E
Weight (grams)	5.12	5.25	5.06	5.32	5.1
Lipids, %	0.27	0.23	0.26	0.21	0.43
136 PCB Congeners (total) ¹	0.10	0.12	0.069	0.052	0.070
5 PCB Aroclors (total) ²	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI1-BZ#1	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI1-BZ#3	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI2-BZ#4/#10	0.00098 U	0.00023 J	0.00099 U	0.00094 U	0.00098 U
CI2-BZ#5/#8	0.00098 U	0.00044 J	0.00099 U	0.00094 U	0.00098 U
CI2-BZ#6	0.00049 U	0.00024 J	0.00049 U	0.00047 U	0.00049 U
CI2-BZ#7	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI2-BZ#12/#13	0.00021 J	0.00055 J	0.00099 U	0.0002 J	0.00022 J
CI2-BZ#15	0.00049 U	0.00058	0.00049 U	0.00024 J	0.00049 U
CI3-BZ#16/#32	0.00037 J	0.0011	0.00025 J	0.00046 J	0.00027 J
CI3-BZ#17	0.00049 U	0.00052	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#18	0.00049 U	0.0012	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#19	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#21/#33	0.00098 J	0.00022 J	0.00099 U	0.00094 U	0.00098 U
CI3-BZ#22	0.00049 U	0.00044 J	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#24/#27	0.00098 U	0.00021 J	0.00099 U	0.00094 U	0.00098 U
CI3-BZ#25	0.00049 U	0.00054	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#26	0.00026 J	0.0013	0.00049 U	0.00039 J	0.00049 U
CI3-BZ#28/#31	0.0022	0.0096	0.0016	0.0032	0.0022
CI3-BZ#29	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI3-BZ#37	0.00021 J	0.00042 J	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#40	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#41/#71	0.00033 J	0.00094 J	0.00026 J	0.00029 J	0.00025 J
CI4-BZ#42	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#43/#49	0.00032 J	0.0014	0.00035 J	0.00037 J	0.00032 J
CI4-BZ#44	0.00049 U	0.00031 J	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#45	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#46	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#47/#48	0.0017	0.0032	0.0011	0.0012	0.0012
CI4-BZ#50	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#51	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#52	0.0005	0.0024	0.00046 J	0.00085	0.00064
CI4-BZ#53	0.00049 U	0.00021 J	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#54	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#56/#60	0.00032 J	0.00072 J	0.00024 J	0.00026 J	0.00026 J
CI4-BZ#63	0.00049 U	0.00031 J	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#64	0.0003 J	0.00081	0.00021 J	0.00029 J	0.00024 J
CI4-BZ#66	0.0027	0.0037	0.0016	0.0014	0.0019

Table 1C (Continued) Sample Data for Lobster Meat (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
CI4-BZ#70	0.00021 J	0.00067	0.00049 U	0.0002 J	0.00021 J
CI4-BZ#74	0.0019	0.0041	0.0015	0.0013	0.0013
CI4-BZ#76	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI4-BZ#77	0.00024 J	0.00037 J	0.00049 UJ	0.00047 UJ	0.00049 UJ
CI4-BZ#81	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#82	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#83	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#85	0.001	0.00078	0.00055	0.00034	0.00058
CI5-BZ#87	0.00064	0.00085	0.00039 J	0.00023 J	0.00041 J
CI5-BZ#89	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#91	0.00049 U	0.0003 J	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#92	0.00036 J	0.00088	0.00027 J	0.00023 J	0.00035 J
CI5-BZ#95	0.00049 U	0.00052	0.00049 U	0.00021 J	0.00049 U
CI5-BZ#97	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#99	0.007	0.0067	0.0034	0.002	0.0034
CI5-BZ#100	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#101/#84	0.0013	0.0028	0.0011	0.00079 J	0.0013
CI5-BZ#104	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#105	0.0024	0.0024	0.0015	0.00075	0.0015
CI5-BZ#107	0.00097	0.00083	0.0005	0.00021 J	0.00054
CI5-BZ#110	0.00064	0.0018	0.00068	0.00058	0.00063
CI5-BZ#114	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#118	0.016	0.016	0.0093	0.0048	0.0089
CI5-BZ#119	0.00038 J	0.00042 J	0.0002 J	0.00047 U	0.00021 J
CI5-BZ#123	0.00021 J	0.00025 J	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#124	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI5-BZ#126	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#129	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#130	0.00033 J	0.00028 J	0.00049 U	0.00047 U	0.00021 J
CI6-BZ#131	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#132/#168	0.00098 U	0.00095 U	0.00099 U	0.00094 U	0.00098 U
CI6-BZ#134	0.0003 J	0.00031 J	0.00021 J	0.00047 U	0.00049 U
CI6-BZ#135/#144	0.00098 U	0.00027 J	0.00099 U	0.00094 U	0.00098 U
CI6-BZ#136	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#137	0.00047 J	0.00036 J	0.0003 J	0.00047 U	0.00031 J
CI6-BZ#138/#163	0.01	0.0075	0.0049	0.0023	0.0048
CI6-BZ#141	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#146	0.0026	0.002	0.0014	0.00065	0.0015
CI6-BZ#147	0.00041 J	0.00046 J	0.00026 J	0.00021 J	0.00028 J
CI6-BZ#149	0.00033 J	0.00094	0.00049	0.00029 J	0.00045 J
CI6-BZ#151	0.00049 U	0.00039 J	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#153	0.016	0.013	0.009	0.0041	0.0093
CI6-BZ#154	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U

Table 1C (Continued) Sample Data for Lobster Meat (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
CI6-BZ#155	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#156	0.0012	0.00076	0.00061	0.00025 J	0.00065
CI6-BZ#157	0.00029 J	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI6-BZ#158	0.0009	0.00063	0.00038 J	0.00047 U	0.00036 J
CI6-BZ#167/#128	0.003	0.002	0.0016	0.00076 J	0.0016
CI6-BZ#169	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#170/#190	0.00081 J	0.00056 J	0.00044 J	0.0002 J	0.00049 J
CI7-BZ#171	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#172	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#173	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#174	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#175	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#176	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#177	0.00027 J	0.00023 J	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#178	0.00024 J	0.00021 J	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#180	0.0014	0.0011	0.00083	0.00034 J	0.00089
CI7-BZ#182/#187	0.0016	0.0012	0.001	0.00052 J	0.001
CI7-BZ#183	0.00036 J	0.00031 J	0.00024 J	0.00047 U	0.00022 J
CI7-BZ#184	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#188	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#189	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#191	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI7-BZ#193	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#194	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#195	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#196/203	0.00098 U	0.00095 U	0.00099 U	0.00094 U	0.00098 U
CI8-BZ#197	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#199	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#200	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#201	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#202	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI8-BZ#205	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI9-BZ#206	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI9-BZ#207	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI9-BZ#208	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
CI10-BZ#209	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
Aroclor-1232	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
Aroclor-1242	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
Aroclor-1248	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
Aroclor-1254	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U
Aroclor-1260	0.00049 U	0.00048 U	0.00049 U	0.00047 U	0.00049 U

Table 1D Sample Data for Lobster Tomalley (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
Species	Lobster	Lobster	Lobster	Lobster	Lobster
Type	Tomalley	Tomalley	Tomalley	Tomalley	Tomalley
Station	Station A	Station B	Station C	Station D	Station E
Weight (grams)	3.17	3.31	3.14	3.17	3.28
Lipids, %	10	23	19	16	17
136 PCB Congeners (total) ¹	5.2	19	7.9	6.8	4.5
5 PCB Aroclors (total) ²	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Cl1-BZ#1	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Cl1-BZ#3	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Cl2-BZ#4/#10	0.00041 J	0.025	0.00092 J	0.0075	0.00087 J
Cl2-BZ#5/#8	0.0026	0.049	0.0038	0.022	0.0036
Cl2-BZ#6	0.0016	0.028	0.0013	0.0094	0.0009
Cl2-BZ#7	0.00079 U	0.0039	0.00033 J	0.0019	0.00076 U
Cl2-BZ#12/#13	0.0014 J	0.036	0.0014 J	0.013	0.0015 J
Cl2-BZ#15	0.0044	0.079	0.0066	0.038	0.0066
Cl3-BZ#16/#32	0.012	0.15	0.017	0.06	0.013
Cl3-BZ#17	0.0035	0.065	0.0032	0.02	0.0025
Cl3-BZ#18	0.0042	0.14	0.0068	0.028	0.0037
Cl3-BZ#19	0.00079 UJ	0.0073 J	0.00033 J	0.0012 J	0.00076 UJ
Cl3-BZ#21/#33	0.0029	0.026	0.0036	0.0093	0.0028
Cl3-BZ#22	0.0046	0.057	0.0035	0.018	0.005
Cl3-BZ#24/#27	0.00068 J	0.02	0.0013 J	0.0037	0.00056 J
Cl3-BZ#25	0.0028	0.085	0.0033	0.017	0.0022
Cl3-BZ#26	0.0088 J	0.2 J	0.012 J	0.05 J	0.0074 J
Cl3-BZ#28/#31	0.12	1.3	0.2	0.66	0.15
Cl3-BZ#29	0.00079 U	0.00057 J	0.0008 U	0.00079 U	0.00076 U
Cl3-BZ#37	0.0095	0.08	0.013	0.038	0.01
Cl4-BZ#40	0.00079 U	0.014	0.0021	0.0027	0.00099
Cl4-BZ#41/#71	0.015	0.14	0.022	0.046	0.012
Cl4-BZ#42	0.00039 J	0.018	0.0014	0.0016	0.00059 J
Cl4-BZ#43/#49	0.014	0.27	0.029	0.049	0.016
Cl4-BZ#44	0.0015	0.039	0.0036	0.0054	0.0026
Cl4-BZ#45	0.00032 J	0.0065	0.00065 J	0.001	0.00076 U
Cl4-BZ#46	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Cl4-BZ#47/#48	0.096	0.56	0.14	0.23	0.087
Cl4-BZ#50	0.00079 U	0.00032 J	0.0008 U	0.00079 U	0.00076 U
Cl4-BZ#51	0.00087	0.011	0.0012	0.0027	0.00056 J
Cl4-BZ#52	0.03	0.39	0.044	0.1	0.037
Cl4-BZ#53	0.00044 J	0.013	0.0012	0.0016	0.00046 J
Cl4-BZ#54	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Cl4-BZ#56/#60	0.016	0.12	0.032	0.048	0.019
Cl4-BZ#63	0.0095	0.057	0.012	0.018	0.0083
Cl4-BZ#64	0.016	0.14	0.025	0.047	0.014

Table 1D (Continued) Sample Data for Lobster Tomalley (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
CI4-BZ#66	0.16	0.54	0.25	0.31	0.15
CI4-BZ#70	0.017	0.14	0.024	0.04	0.015
CI4-BZ#74	0.1	0.5	0.17	0.25	0.096
CI4-BZ#76	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI4-BZ#77	0.024	0.12	0.034	0.05	0.022
CI4-BZ#81	0.0012	0.0053	0.0019	0.0024	0.0012
CI5-BZ#82	0.001	0.0063	0.0017	0.001	0.0009
CI5-BZ#83	0.0018	0.015	0.0045	0.0029	0.0018
CI5-BZ#85	0.057	0.14	0.083	0.058	0.043
CI5-BZ#87	0.036	0.15	0.049	0.042	0.032
CI5-BZ#89	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI5-BZ#91	0.0023	0.039	0.0078	0.0059	0.0027
CI5-BZ#92	0.024	0.17	0.038	0.033	0.025
CI5-BZ#95	0.004 J	0.045 J	0.0082 J	0.0082 J	0.0071 J
CI5-BZ#97	0.00079 U	0.019	0.0044	0.0015	0.0024
CI5-BZ#99	0.42	1.2	0.51	0.46	0.28
CI5-BZ#100	0.0028	0.015	0.0043	0.0053	0.002
CI5-BZ#101/#84	0.088	0.61	0.15	0.15	0.1
CI5-BZ#104	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI5-BZ#105	0.14	0.52	0.25	0.18	0.13
CI5-BZ#107	0.06	0.2	0.077	0.054	0.05
CI5-BZ#110	0.04	0.35	0.09	0.097	0.041
CI5-BZ#114	0.0056	0.024	0.01	0.009	0.0054
CI5-BZ#118	0.74	2.4	1.2	0.89	0.61
CI5-BZ#119	0.021	0.083	0.026	0.028	0.014
CI5-BZ#123	0.01	0.053	0.02	0.018	0.01
CI5-BZ#124	0.0021	0.016	0.0032	0.003	0.0017
CI5-BZ#126	0.003	0.013	0.0052	0.005	0.0028
CI6-BZ#129	0.0032	0.0078	0.0036	0.0024	0.0018
CI6-BZ#130	0.018	0.063	0.026	0.015	0.016
CI6-BZ#131	0.0016 U	0.0015 U	0.0016 U	0.0016 U	0.0015 U
CI6-BZ#132/#168	0.0023	0.02	0.0076	0.0031	0.0032
CI6-BZ#134	0.016	0.055	0.028	0.017	0.014
CI6-BZ#135/#144	0.0068	0.047	0.015	0.01	0.0081
CI6-BZ#136	0.00079 U	0.0042	0.0011	0.00033 J	0.00072 J
CI6-BZ#137	0.027	0.078	0.048	0.029	0.024
CI6-BZ#138/#163	0.7	1.5	0.95	0.53	0.53
CI6-BZ#141	0.0032	0.024	0.0061	0.0041	0.0045
CI6-BZ#146	0.17	0.48	0.26	0.16	0.15
CI6-BZ#147	0.022	0.074	0.027	0.02	0.015
CI6-BZ#149	0.023	0.2	0.059	0.046	0.031
CI6-BZ#151	0.0079	0.051	0.013	0.0082	0.0086
CI6-BZ#153	1.1	2.9	1.7	1.1	0.99

Table 1D (Continued) Sample Data for Lobster Tomalley (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-L-A-3	NBH05-L-B-3	NBH05-L-C-3	NBH05-L-D-3	NBH05-L-E-3
CI6-BZ#154	0.0058	0.04	0.011	0.0074	0.0041
CI6-BZ#155	0.00079 U	0.0003 J	0.0008 U	0.00079 U	0.00076 U
CI6-BZ#156	0.07 J	0.2 J	0.12 J	0.066 J	0.065 J
CI6-BZ#157	0.018	0.045	0.028	0.016	0.016
CI6-BZ#158	0.054	0.14	0.066	0.042	0.038
CI6-BZ#167/#128	0.18 J	0.47 J	0.29 J	0.17 J	0.16 J
CI6-BZ#169	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI7-BZ#170/#190	0.045 J	0.12 J	0.077 J	0.036 J	0.045 J
CI7-BZ#171	0.0099	0.027	0.015	0.0068	0.0088
CI7-BZ#172	0.0069	0.018	0.011	0.0055	0.0062
CI7-BZ#173	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI7-BZ#174	0.0017	0.01	0.0046	0.0023	0.0023
CI7-BZ#175	0.0022	0.0057	0.0034	0.0018	0.0022
CI7-BZ#176	0.00079 U	0.00086	0.00033 J	0.00079 U	0.00076 U
CI7-BZ#177	0.015	0.042	0.024	0.01	0.012
CI7-BZ#178	0.014	0.037	0.024	0.013	0.012
CI7-BZ#180	0.1	0.25	0.17	0.086	0.096
CI7-BZ#182/#187	0.1	0.22	0.15	0.09	0.089
CI7-BZ#183	0.022	0.067	0.034	0.017	0.02
CI7-BZ#184	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI7-BZ#185	0.00079 U	0.0011	0.00033 J	0.00079 U	0.00076 U
CI7-BZ#188	0.00065 J	0.0017	0.00092	0.00063 J	0.00053 J
CI7-BZ#189	0.0028	0.0081	0.0059	0.0031	0.0032
CI7-BZ#191	0.0023	0.0064	0.0038	0.0022	0.0023
CI7-BZ#193	0.0077	0.02	0.012	0.007	0.0068
CI8-BZ#194	0.0082	0.02	0.015	0.0072	0.0099
CI8-BZ#195	0.0023	0.0057	0.0038	0.0019	0.0022
CI8-BZ#196/203	0.01	0.025	0.017	0.0088	0.01
CI8-BZ#197	0.00057 J	0.0013	0.0008	0.00041 J	0.00053 J
CI8-BZ#199	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
CI8-BZ#200	0.0024	0.0048	0.0029	0.0017	0.0021
CI8-BZ#201	0.011	0.021	0.017	0.0082	0.011
CI8-BZ#202	0.0051	0.011	0.0077	0.0038	0.0044
CI8-BZ#205	0.00079 U	0.00079	0.00051 J	0.00079 U	0.00076 U
CI9-BZ#206	0.0031	0.006	0.0049	0.0026	0.0033
CI9-BZ#207	0.00063 J	0.001	0.00073 J	0.00079 U	0.00056 J
CI9-BZ#208	0.0019	0.003	0.0025	0.0014	0.0018
CI10-BZ#209	0.00091	0.0012	0.0013	0.00058 J	0.001
Aroclor-1232	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Aroclor-1242	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Aroclor-1248	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Aroclor-1254	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U
Aroclor-1260	0.00079 U	0.00076 U	0.0008 U	0.00079 U	0.00076 U

Table 2 Sample Data for Blue Crab (mg/kg, wet weight) Area I - 2005

Sample#	NBH05-L-A-1	NBH05-L-B-1	NBH05-L-C-1	NBH05-L-D-1
Area I - Station	Station A	Station B	Station C	Station D
Lipids, %	0.98	0.86	0.38	0.32
136 PCB Congeners (total) ¹	16	3.5 J	2.7 J	0.81 J
5 PCB Aroclors (total) ²	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI1-BZ#1	0.00072	0.00046 U	0.00047 U	0.00048 U
CI1-BZ#3	0.00027 J	0.00046 U	0.00047 U	0.00048 U
CI2-BZ#4/#10	0.035	0.0023	0.00092 J	0.00091 J
CI2-BZ#5/#8	0.15	0.011	0.0018	0.0029
CI2-BZ#6	0.14	0.0067	0.00065	0.0013
CI2-BZ#7	0.0068	0.00039 J	0.00047 U	0.00048 U
CI2-BZ#12/#13	0.05	0.0055	0.0015	0.0024
CI2-BZ#15	0.08	0.02	0.0063	0.0068
CI3-BZ#16/#32	0.24	0.02	0.0057	0.0046
CI3-BZ#17	0.18	0.011	0.0032	0.0029
CI3-BZ#18	0.43	0.028	0.0051	0.0089
CI3-BZ#19	0.017	0.0011	0.00035 J	0.00045 J
CI3-BZ#21/#33	0.044	0.0034	0.00085 J	0.0013
CI3-BZ#22	0.11	0.014	0.004	0.0047
CI3-BZ#24/#27	0.068	0.0051	0.0007 J	0.0012
CI3-BZ#25	0.45	0.042	0.0092	0.013
CI3-BZ#26	0.82	0.08	0.014	0.021
CI3-BZ#28/#31	2.8	0.66 J	0.49 J	0.15 J
CI3-BZ#29	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI3-BZ#37	0.043	0.025	0.014	0.0054
CI4-BZ#40	0.04	0.0049	0.0014	0.0015
CI4-BZ#41/#71	0.33	0.041	0.023	0.012
CI4-BZ#42	0.13	0.012	0.0026	0.0035
CI4-BZ#43/#49	1.1	0.072	0.013	0.022
CI4-BZ#44	0.22	0.008	0.0016	0.0055
CI4-BZ#45	0.013	0.00048	0.00047 U	0.00034 U
CI4-BZ#46	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI4-BZ#47/#48	0.71	0.21	0.26	0.033
CI4-BZ#50	0.0025	0.00028 J	0.00047 U	0.00048 U
CI4-BZ#51	0.049	0.0034	0.00062	0.00087
CI4-BZ#52	1.3	0.094	0.013	0.03
CI4-BZ#53	0.074	0.0042	0.00058	0.0015
CI4-BZ#54	0.00049	0.00046 U	0.00047 U	0.00048 U
CI4-BZ#56/#60	0.13	0.055	0.03	0.013
CI4-BZ#63	0.033	0.01	0.0071	0.0022
CI4-BZ#64	0.2	0.022	0.005	0.0041
CI4-BZ#66	0.34	0.21	0.14	0.038
CI4-BZ#70	0.18	0.026	0.0068	0.0086

Table 2 Sample Data for Blue Crab (mg/kg, wet weight) 2005 (Continued)

Sample#	NBH05-L-A-1	NBH05-L-B-1	NBH05-L-C-1	NBH05-L-D-1
CI4-BZ#74	0.34	0.14	0.13	0.027
CI4-BZ#76	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI4-BZ#77	0.023 J	0.012 J	0.0093 J	0.0025 J
CI4-BZ#81	0.0015	0.00094	0.00075	0.0002
CI5-BZ#82	0.007	0.00046 U	0.0003 J	0.00038 J
CI5-BZ#83	0.021	0.0032	0.00055	0.0008
CI5-BZ#85	0.046	0.026	0.016	0.0053
CI5-BZ#87	0.069	0.00046 U	0.00047 U	0.0034
CI5-BZ#89	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI5-BZ#91	0.18	0.022	0.011	0.0056
CI5-BZ#92	0.12	0.017	0.0054	0.0046
CI5-BZ#95	0.19	0.024	0.008	0.0062
CI5-BZ#97	0.12	0.017	0.0034	0.0046
CI5-BZ#99	0.68	0.28	0.29	0.052
CI5-BZ#100	0.03	0.0075	0.011	0.0012
CI5-BZ#101/#84	0.66	0.099	0.045	0.028
CI5-BZ#104	0.00037 J	0.00046 U	0.00047 U	0.00048 U
CI5-BZ#105	0.093	0.066	0.042	0.014
CI5-BZ#107	0.051	0.022	0.018	0.0043
CI5-BZ#110	0.46	0.059	0.013	0.018
CI5-BZ#114	0.01	0.0055	0.0041	0.00092
CI5-BZ#118	0.6	0.34	0.29	0.063
CI5-BZ#119	0.098	0.026	0.032	0.0045
CI5-BZ#123	0.027	0.0099	0.0088	0.002
CI5-BZ#124	0.013	0.0027	0.0011	0.0006
CI5-BZ#126	0.0024	0.0011	0.00093	0.00023
CI6-BZ#129	0.0041	0.00097	0.00051	0.00026
CI6-BZ#130	0.015	0.0056	0.004	0.0011
CI6-BZ#131	0.0031	0.00046 U	0.00062	0.00023 J
CI6-BZ#132/#168	0.00096 U	0.00092 U	0.00095 U	0.00095 U
CI6-BZ#134	0.026	0.0052	0.0053	0.0014
CI6-BZ#135/#144	0.04	0.0064	0.0028	0.0016
CI6-BZ#136	0.018	0.0019	0.00041 J	0.00055
CI6-BZ#137	0.02	0.011	0.0089	0.0023
CI6-BZ#138/#163	0.36	0.14	0.13	0.029
CI6-BZ#141	0.015	0.003	0.00096	0.00091
CI6-BZ#146	0.097	0.033	0.041	0.0074
CI6-BZ#147	0.038	0.0086	0.011	0.0015
CI6-BZ#149	0.33	0.049	0.042	0.012
CI6-BZ#151	0.048	0.0041	0.0008	0.0017
CI6-BZ#153	0.55	0.22	0.27	0.051

Table 2 Sample Data for Blue Crab (mg/kg, wet weight) 2005 (Continued)

Sample#	NBH05-L-A-1	NBH05-L-B-1	NBH05-L-C-1	NBH05-L-D-1
CI6-BZ#154	0.03	0.0075	0.01	0.0013
CI6-BZ#155	0.00036 J	0.00046 U	0.00047 U	0.00048 U
CI6-BZ#156	0.034	0.018	0.016	0.0036
CI6-BZ#157	0.0055	0.0029	0.0024	0.0007
CI6-BZ#158	0.045	0.02	0.018	0.0037
CI6-BZ#167/#128	0.079	0.038	0.033	0.0081
CI6-BZ#169	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI7-BZ#170/#190	0.023	0.0091	0.0084	0.0019
CI7-BZ#171	0.0066	0.0031	0.0027	0.00067
CI7-BZ#172	0.0043	0.0015	0.0019	0.00038
CI7-BZ#173	0.00026 J	0.00046 U	0.00047 U	0.00048 U
CI7-BZ#174	0.0075	0.0013	0.0004 J	0.00045 J
CI7-BZ#175	0.0013	0.00058	0.00058	0.00048 U
CI7-BZ#176	0.0012	0.00026 J	0.00047 U	0.00048 U
CI7-BZ#177	0.01	0.0035	0.0025	0.00072
CI7-BZ#178	0.011	0.0035	0.0051	0.00081
CI7-BZ#180	0.043	0.017	0.019	0.0039
CI7-BZ#182/#187	0.059	0.018	0.026	0.0043
CI7-BZ#183	0.017	0.0068	0.0069	0.0014
CI7-BZ#184	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI7-BZ#185	0.0011	0.00025 J	0.00047 U	0.00048 U
CI7-BZ#188	0.00097	0.00028 J	0.00045 J	0.00048 U
CI7-BZ#189	0.0014	0.00054	0.00062	0.00048 U
CI7-BZ#191	0.0013	0.0005	0.00056	0.00048 U
CI7-BZ#193	0.0038	0.0011	0.0015	0.00029 J
CI8-BZ#194	0.0043	0.0014	0.0014	0.00032 J
CI8-BZ#195	0.0014	0.00063	0.00051	0.00048 U
CI8-BZ#196/203	0.0061	0.0022	0.0017	0.00042 J
CI8-BZ#197	0.00032 J	0.00046 U	0.00047 U	0.00048 U
CI8-BZ#199	0.00038 J	0.00046 U	0.00047 U	0.00048 U
CI8-BZ#200	0.001	0.00046	0.00044 J	0.00048 U
CI8-BZ#201	0.0056	0.0022	0.0025	0.00053
CI8-BZ#202	0.0027	0.001	0.0012	0.00025 J
CI8-BZ#205	0.00048 U	0.00046 U	0.00047 U	0.00048 U
CI9-BZ#206	0.0018	0.00058	0.00028 J	0.00048 U
CI9-BZ#207	0.0003 J	0.00046 U	0.00047 U	0.00048 U
CI9-BZ#208	0.0009	0.00038 J	0.0003 J	0.00048 U
CI10-BZ#209	0.0004 J	0.00046 U	0.00047 U	0.00048 U
Aroclor-1232	0.00048 U	0.00046 U	0.00047 U	0.00048 U
Aroclor-1242	0.00048 U	0.00046 U	0.00047 U	0.00048 U
Aroclor-1248	0.00048 U	0.00046 U	0.00047 U	0.00048 U
Aroclor-1254	0.00048 U	0.00046 U	0.00047 U	0.00048 U
Aroclor-1260	0.00048 U	0.00046 U	0.00047 U	0.00048 U

Table 3A Sample Data for Quahog (mg/kg, wet weight) Area I - 2005

Sample#	NBH05-SF-A-1	NBH05-SF-B-1	NBH05-SF-C-1	NBH05-SF-D-1	NBH05-SF-E-1
Species	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs
Area I - Station	Station A	Station B	Station C	Station D	Station E
Lipids, %	0.24	0.29	0.24	0.18	0.27
136 PCB Congeners (total) ¹	0.78	1.2	1.6	1.8	4.0
5 PCB Aroclors (total) ²	0.56	0.9	1.2	1.3	3.1
Cl1-BZ#1	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Cl1-BZ#3	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Cl2-BZ#4/#10	0.0013	0.0024	0.003	0.0027	0.0072
Cl2-BZ#5/#8	0.0016	0.003	0.0043	0.0045	0.017
Cl2-BZ#6	0.0011	0.0022	0.0032	0.0036	0.016
Cl2-BZ#7	0.00047 U	0.00034 J	0.00041 J	0.00044 J	0.0015
Cl2-BZ#12/#13	0.0022	0.0042	0.0052	0.0049	0.014
Cl2-BZ#15	0.0029	0.0052	0.0062	0.0059	0.014
Cl3-BZ#16/#32	0.01	0.019	0.023	0.022	0.059
Cl3-BZ#17	0.0085	0.015	0.019	0.018	0.048
Cl3-BZ#18	0.02	0.035	0.043	0.041	0.11
Cl3-BZ#19	0.0011	0.002	0.0026	0.0025	0.0069
Cl3-BZ#21/#33	0.0032	0.0057	0.0074	0.0076	0.018
Cl3-BZ#22	0.0056	0.0096	0.015	0.016	0.03
Cl3-BZ#24/#27	0.0035	0.0061	0.0073	0.0073	0.018
Cl3-BZ#25	0.018	0.033	0.042	0.043	0.11
Cl3-BZ#26	0.032	0.056	0.073	0.074	0.2
Cl3-BZ#28/#31	0.081	0.14	0.19	0.19	0.46
Cl3-BZ#29	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Cl3-BZ#37	0.0027	0.0045	0.0058	0.0062	0.012
Cl4-BZ#40	0.0027	0.0048	0.006	0.0066	0.015
Cl4-BZ#41/#71	0.016	0.025	0.034	0.036	0.084
Cl4-BZ#42	0.0063	0.0099	0.013	0.014	0.032
Cl4-BZ#43/#49	0.062	0.099	0.13	0.15	0.35
Cl4-BZ#44	0.017	0.028	0.036	0.039	0.091
Cl4-BZ#45	0.0017	0.0028	0.0036	0.0039	0.0092
Cl4-BZ#46	0.0019	0.0036	0.0042	0.0048	0.01
Cl4-BZ#47/#48	0.024	0.039	0.052	0.054	0.13
Cl4-BZ#50	0.0002 J	0.00024 J	0.00028 J	0.00031 J	0.00071
Cl4-BZ#51	0.0023	0.0038	0.0049	0.0048	0.014
Cl4-BZ#52	0.066	0.11	0.14	0.15	0.36
Cl4-BZ#53	0.0051	0.0084	0.011	0.011	0.03
Cl4-BZ#54	0.00047 U	0.00046 U	0.00022 J	0.00021 J	0.00054
Cl4-BZ#56/#60	0.007	0.011	0.015	0.018	0.031
Cl4-BZ#63	0.0014	0.0023	0.0031	0.0034	0.0067
Cl4-BZ#64	0.011	0.018	0.023	0.023	0.061
Cl4-BZ#66	0.017	0.025	0.036	0.042	0.077

Table 3A (Continued) Sample Data for Quahog (mg/kg, wet weight) Area I - 2005

Sample#	NBH05-SF-A-1	NBH05-SF-B-1	NBH05-SF-C-1	NBH05-SF-D-1	NBH05-SF-E-1
CI4-BZ#70	0.015	0.024	0.032	0.038	0.069
CI4-BZ#74	0.012	0.018	0.026	0.03	0.06
CI4-BZ#76	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI4-BZ#77	0.0026	0.0032	0.0046	0.0054	0.0099
CI4-BZ#81	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI5-BZ#82	0.0012	0.0016	0.0021	0.0026	0.004
CI5-BZ#83	0.0018	0.0024	0.0034	0.0041	0.0085
CI5-BZ#85	0.0024	0.0034	0.0046	0.0056	0.0078
CI5-BZ#87	0.0062	0.0087	0.012	0.015	0.025
CI5-BZ#89	0.00069	0.0011	0.0015	0.0016	0.0042
CI5-BZ#91	0.0096	0.014	0.02	0.024	0.054
CI5-BZ#92	0.0074	0.011	0.015	0.017	0.036
CI5-BZ#95	0.016	0.024	0.033	0.038	0.085
CI5-BZ#97	0.0086	0.011	0.016	0.02	0.04
CI5-BZ#99	0.029	0.039	0.058	0.066	0.14
CI5-BZ#100	0.0011	0.0017	0.0023	0.0024	0.0064
CI5-BZ#101/#84	0.04	0.052	0.077	0.092	0.19
CI5-BZ#104	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI5-BZ#105	0.0046	0.0059	0.009	0.012	0.014
CI5-BZ#107	0.0028	0.0039	0.0054	0.0063	0.012
CI5-BZ#110	0.034	0.047	0.07	0.085	0.17
CI5-BZ#114	0.00036 J	0.00058	0.00087	0.001	0.002
CI5-BZ#118	0.026	0.031	0.051	0.066	0.12
CI5-BZ#119	0.0035	0.0048	0.0071	0.0078	0.02
CI5-BZ#123	0.0014	0.0018	0.0027	0.003	0.0061
CI5-BZ#124	0.00093	0.0012	0.0018	0.0023	0.0042
CI5-BZ#126	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00057
CI6-BZ#129	0.00054	0.00059	0.0011	0.0012	0.0021
CI6-BZ#130	0.0012	0.0016	0.0021	0.0026	0.0037
CI6-BZ#131	0.00093 U	0.00091 U	0.00094 U	0.00091 U	0.00094 U
CI6-BZ#132/#168	0.0031	0.0038	0.0054	0.0067	0.0099
CI6-BZ#134	0.0019	0.0022	0.0034	0.0042	0.0087
CI6-BZ#135/#144	0.0035	0.0048	0.0068	0.008	0.016
CI6-BZ#136	0.0021	0.0031	0.0046	0.0053	0.012
CI6-BZ#137	0.0012	0.0016	0.0025	0.0028	0.0049
CI6-BZ#138/#163	0.018	0.022	0.032	0.041	0.068
CI6-BZ#141	0.0013	0.0016	0.0026	0.0033	0.0055
CI6-BZ#146	0.0052	0.0066	0.0095	0.011	0.022
CI6-BZ#147	0.0018	0.0024	0.0035	0.0043	0.0088
CI6-BZ#149	0.018	0.023	0.035	0.043	0.09
CI6-BZ#151	0.0023	0.0028	0.0043	0.005	0.011
CI6-BZ#153	0.026	0.03	0.046	0.053	0.12
CI6-BZ#154	0.0012	0.0013	0.0021	0.0023	0.0059

Table 3A (Continued) Sample Data for Quahog (mg/kg, wet weight) Area I - 2005

Sample#	NBH05-SF-A-1	NBH05-SF-B-1	NBH05-SF-C-1	NBH05-SF-D-1	NBH05-SF-E-1
CI6-BZ#155	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI6-BZ#156	0.0018	0.0021	0.0034	0.0045	0.0073
CI6-BZ#157	0.00037 J	0.00045 J	0.00065	0.00076	0.0012
CI6-BZ#158	0.0012	0.0015	0.0022	0.0029	0.0037
CI6-BZ#167/#128	0.0036	0.0042	0.0063	0.0083	0.012
CI6-BZ#169	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI7-BZ#170/#190	0.0013	0.0015	0.0022	0.0027	0.004
CI7-BZ#171	0.00029 J	0.00034 J	0.00044 J	0.00064	0.00083
CI7-BZ#172	0.00035 J	0.0004 J	0.00062	0.00066	0.0013
CI7-BZ#173	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI7-BZ#174	0.00091	0.0011	0.0017	0.0019	0.0035
CI7-BZ#175	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00023 J
CI7-BZ#176	0.00047 U	0.00046 U	0.00047 U	0.00026 J	0.00034 J
CI7-BZ#177	0.001	0.0012	0.0018	0.0021	0.0033
CI7-BZ#178	0.00049	0.00061	0.00088	0.001	0.0021
CI7-BZ#180	0.0029	0.0033	0.0053	0.0064	0.011
CI7-BZ#182/#187	0.0034	0.0039	0.0062	0.0072	0.015
CI7-BZ#183	0.00063	0.00078	0.001	0.0012	0.0022
CI7-BZ#184	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI7-BZ#185	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00025 J
CI7-BZ#188	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00023 J
CI7-BZ#189	0.00047 U	0.00046 U	0.0002 J	0.00024 J	0.00044 J
CI7-BZ#191	0.00047 U	0.00046 U	0.00047 U	0.0002 J	0.00025 J
CI7-BZ#193	0.00027 J	0.00033 J	0.00051	0.00056	0.0011
CI8-BZ#194	0.00049	0.00046 U	0.00047 U	0.00046 U	0.0015
CI8-BZ#195	0.00047 U	0.00046 U	0.00026 J	0.00034 J	0.00049
CI8-BZ#196/203	0.00037 J	0.00046 J	0.0007 J	0.0009 J	0.0017
CI8-BZ#197	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI8-BZ#199	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI8-BZ#200	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.0002 J
CI8-BZ#201	0.0004 J	0.00051	0.00081	0.00087	0.0018
CI8-BZ#202	0.0002 J	0.00022 J	0.00034 J	0.00044 J	0.00073
CI8-BZ#205	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI9-BZ#206	0.00024 J	0.00031 J	0.00043 J	0.00051	0.001
CI9-BZ#207	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
CI9-BZ#208	0.00047 U	0.00046 U	0.00025 J	0.00032 J	0.00057
CI10-BZ#209	0.00047 U	0.00046 U	0.00047 U	0.00023 J	0.00036 J
Aroclor-1232	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Aroclor-1242	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Aroclor-1248	0.56	0.9	1.2	1.3	3.1
Aroclor-1254	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U
Aroclor-1260	0.00047 U	0.00046 U	0.00047 U	0.00046 U	0.00047 U

Table 3B Sample Data for Quahog (mg/kg, wet weight) Area II – 2005

Sample#	NBH05-SF-A-2	NBH05-SF-B-2	NBH05-SF-C-2	NBH05-SF-D-2	NBH05-SF-E-2
Species	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs
Area II – Station	Station A	Station B	Station C	Station D	Station E
Lipids, %	0.24	0.2	0.2	0.16	0.28
136 PCB Congeners (total) ¹	0.094 U	0.056 U	0.46	0.25 U	0.82
5 PCB Aroclors (total) ²	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.54
Cl1-BZ#1	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Cl1-BZ#3	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Cl2-BZ#4/#10	0.00093 U	0.00094 U	0.0012	0.00045 J	0.002
Cl2-BZ#5/#8	0.00093 U	0.00094 U	0.002	0.00047 J	0.0034
Cl2-BZ#6	0.00046 U	0.00047 U	0.001	0.00039 J	0.0021
Cl2-BZ#7	0.00046 U	0.00047 U	0.00029 J	0.00046 U	0.00044 J
Cl2-BZ#12/#13	0.00093 U	0.00094 U	0.001	0.00062 J	0.0014
Cl2-BZ#15	0.0002 J	0.00047 U	0.002	0.00092	0.0032
Cl3-BZ#16/#32	0.00061 J	0.00039 U	0.0068	0.0029	0.012
Cl3-BZ#17	0.00055 J	0.00031	0.0054	0.0025	0.0091
Cl3-BZ#18	0.0012	0.00068	0.012	0.0057	0.021
Cl3-BZ#19	0.00046 U	0.00047 U	0.00082	0.00037 J	0.0016
Cl3-BZ#21/#33	0.00033 J	0.0002 J	0.0027	0.001	0.0044
Cl3-BZ#22	0.00046 U	0.00047 U	0.0038	0.0022	0.0064
Cl3-BZ#24/#27	0.00023 J	0.00094 U	0.0019	0.001	0.0032
Cl3-BZ#25	0.00095	0.00048	0.0087	0.0053	0.014
Cl3-BZ#26	0.0018	0.001	0.016	0.0093	0.025
Cl3-BZ#28/#31	0.0048	0.0027	0.045	0.024	0.069
Cl3-BZ#29	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Cl3-BZ#37	0.00022 J	0.00047 U	0.002	0.00086	0.003
Cl4-BZ#40	0.00032 J	0.00047 U	0.0017	0.0009	0.003
Cl4-BZ#41/#71	0.0011	0.00052 J	0.0092	0.0044	0.016
Cl4-BZ#42	0.00048	0.00026 J	0.0032	0.0018	0.0052
Cl4-BZ#43/#49	0.0042	0.002	0.033	0.018	0.055
Cl4-BZ#44	0.0015	0.00073	0.01	0.0055	0.017
Cl4-BZ#45	0.00046 U	0.00047 U	0.0011	0.00059	0.0022
Cl4-BZ#46	0.00046 U	0.00047 U	0.001	0.00041 J	0.0018
Cl4-BZ#47/#48	0.0019	0.00092 J	0.014	0.0072	0.023
Cl4-BZ#50	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Cl4-BZ#51	0.00046 U	0.00047 U	0.0012	0.00066	0.0024
Cl4-BZ#52	0.0052	0.0026	0.039	0.02	0.065
Cl4-BZ#53	0.00033 J	0.00047 U	0.003	0.0015	0.0055
Cl4-BZ#54	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00019 J
Cl4-BZ#56/#60	0.00071 J	0.0004 J	0.0048	0.0021	0.0083
Cl4-BZ#63	0.00046 U	0.00047 U	0.0009	0.00046	0.0014
Cl4-BZ#64	0.00072	0.00044 J	0.0063	0.0033	0.01
Cl4-BZ#66	0.0022	0.001	0.011	0.005	0.02
Cl4-BZ#70	0.002	0.00095	0.011	0.0048	0.02

Table 3B (Continued) Sample Data for Quahog (mg/kg, wet weight) Area II – 2005

Sample#	NBH05-SF-A-2	NBH05-SF-B-2	NBH05-SF-C-2	NBH05-SF-D-2	NBH05-SF-E-2
CI4-BZ#74	0.0011	0.00058	0.0073	0.0034	0.012
CI4-BZ#76	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI4-BZ#77	0.00041 J	0.00047 U	0.0014	0.00072	0.0022
CI4-BZ#81	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI5-BZ#82	0.00021 J	0.00047 U	0.00086	0.00038 J	0.0016
CI5-BZ#83	0.00027 J	0.00047 U	0.001	0.00061	0.0019
CI5-BZ#85	0.00059	0.00029 J	0.0018	0.00089	0.0035
CI5-BZ#87	0.00099	0.00045 J	0.0044	0.002	0.0088
CI5-BZ#89	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI5-BZ#91	0.00072	0.00037 J	0.005	0.0027	0.009
CI5-BZ#92	0.0012	0.00059	0.0049	0.0027	0.0082
CI5-BZ#95	0.0019	0.00084	0.01	0.0052	0.019
CI5-BZ#97	0.0011	0.00057	0.0047	0.0026	0.0088
CI5-BZ#99	0.0043	0.0017	0.017	0.0093	0.031
CI5-BZ#100	0.00046 U	0.00047 U	0.00061	0.00036 J	0.0011
CI5-BZ#101/#84	0.0058	0.0027	0.023	0.013	0.045
CI5-BZ#104	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI5-BZ#105	0.00092	0.00044 J	0.0034	0.0015	0.0072
CI5-BZ#107	0.00069	0.00043 J	0.0019	0.0011	0.0035
CI5-BZ#110	0.0039	0.0018	0.019	0.01	0.037
CI5-BZ#114	0.00046 U	0.00047 U	0.00033 J	0.00046 U	0.00074
CI5-BZ#118	0.0042	0.002	0.015	0.0074	0.031
CI5-BZ#119	0.00035 J	0.00047 U	0.0019	0.001	0.0034
CI5-BZ#123	0.0002 J	0.00047 U	0.00079	0.00042	0.0015
CI5-BZ#124	0.00046 U	0.00047 U	0.00061	0.00031 J	0.0012
CI5-BZ#126	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI6-BZ#129	0.00046 U	0.00047 U	0.00037 J	0.00019 J	0.00089
CI6-BZ#130	0.00033 J	0.00047 U	0.00089	0.00051	0.0019
CI6-BZ#131	0.00093 U	0.00094 U	0.00094 U	0.00091 U	0.00091 U
CI6-BZ#132/#168	0.00074 J	0.00037 J	0.0023	0.0012	0.0047
CI6-BZ#134	0.00033 J	0.00047 U	0.0012	0.00059	0.0022
CI6-BZ#135/#144	0.00065 J	0.00037 J	0.0024	0.0013	0.0044
CI6-BZ#136	0.00031 J	0.00047 U	0.0014	0.00068	0.0026
CI6-BZ#137	0.00022 J	0.00047 U	0.00094	0.00046	0.0021
CI6-BZ#138/#163	0.0036	0.0019	0.012	0.0063	0.024
CI6-BZ#141	0.00025 J	0.00047 U	0.0011	0.00049	0.0024
CI6-BZ#146	0.0013	0.00064 J	0.0035	0.0019	0.0064
CI6-BZ#147	0.00024 J	0.00047 U	0.001	0.00057	0.0018
CI6-BZ#149	0.0025	0.0012	0.01	0.0057	0.019
CI6-BZ#151	0.00035 J	0.00047 U	0.0014	0.00077	0.0027
CI6-BZ#153	0.0053	0.0025	0.016	0.0088	0.031
CI6-BZ#154	0.00046 U	0.00047 U	0.00056	0.00037 J	0.0011
CI6-BZ#155	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI6-BZ#156	0.00039 J	0.00047 U	0.0014	0.00066	0.0032

Table 3B (Continued) Sample Data for Quahog (mg/kg, wet weight) Area II – 2005

Sample#	NBH05-SF-A-2	NBH05-SF-B-2	NBH05-SF-C-2	NBH05-SF-D-2	NBH05-SF-E-2
CI6-BZ#157	0.00046 U	0.00047 U	0.00027 J	0.00046 U	0.0006
CI6-BZ#158	0.00046 U	0.00047 U	0.00072	0.00038 J	0.0016
CI6-BZ#167/#128	0.00073 J	0.00037 J	0.0024	0.0012	0.005
CI6-BZ#169	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#170/#190	0.00025 J	0.00094 U	0.00089 J	0.00047 J	0.002
CI7-BZ#171	0.00046 U	0.00047 U	0.00022 J	0.00046 U	0.0004 J
CI7-BZ#172	0.00046 U	0.00047 U	0.00025 J	0.00046 U	0.00048
CI7-BZ#173	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#174	0.00026 J	0.00047 U	0.00067	0.00035 J	0.0013
CI7-BZ#175	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#176	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#177	0.00032 J	0.00022 J	0.00076	0.00043 J	0.0015
CI7-BZ#178	0.00046 U	0.00047 U	0.00034 J	0.00022 J	0.00058
CI7-BZ#180	0.00069	0.00038 J	0.002	0.0011	0.0043
CI7-BZ#182/#187	0.00072 J	0.00042 J	0.0022	0.0012	0.0038
CI7-BZ#183	0.00046 U	0.00047 U	0.0004 J	0.00022 J	0.00073
CI7-BZ#184	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#185	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#188	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#189	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#191	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI7-BZ#193	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00036 J
CI8-BZ#194	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI8-BZ#195	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00021 J
CI8-BZ#196/203	0.00093 U	0.00094 U	0.00028 J	0.00091 U	0.00052 J
CI8-BZ#197	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI8-BZ#199	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI8-BZ#200	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI8-BZ#201	0.00046 U	0.00047 U	0.00033 J	0.00018 J	0.00063
CI8-BZ#202	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.0002
CI8-BZ#205	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI9-BZ#206	0.00046 U	0.00047 U	0.00024 J	0.00046 U	0.00038 J
CI9-BZ#207	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI9-BZ#208	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
CI10-BZ#209	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Aroclor-1232	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Aroclor-1242	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Aroclor-1248	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.54
Aroclor-1254	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U
Aroclor-1260	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00045 U

Table 3C Sample Data for Quahog (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-SF-A-3	NBH05-SF-B-3	NBH05-SF-C-3	NBH05-SF-D-3	NBH05-SF-E-3
Species	Quahogs	Quahogs	Quahogs	Quahogs	Quahogs
Area III - Station	Station A	Station B	Station C	Station D	Station E
Lipids, %	0.28	0.2	0.22	0.23	0.15
136 PCB Congeners (total) ¹	0.063 U	0.039 U	0.032 U	0.16 U	0.032 U
5 PCB Aroclors (total) ²	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl1-BZ#1	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl1-BZ#3	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl2-BZ#4/#10	0.00094 U	0.00091 U	0.00093 U	0.00094 U	0.00094 U
Cl2-BZ#5/#8	0.00094 U	0.00091 U	0.00093 U	0.00024 J	0.00094 U
Cl2-BZ#6	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl2-BZ#7	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl2-BZ#12/#13	0.00094 U	0.00091 U	0.00093 U	0.00026 J	0.00094 U
Cl2-BZ#15	0.00047 U	0.00046 U	0.00047 U	0.0004 J	0.00047 U
Cl3-BZ#16/#32	0.00027 J	0.00021 J	0.00093 U	0.0012	0.00094 U
Cl3-BZ#17	0.00047 U	0.00046 U	0.00047 U	0.001	0.00047 U
Cl3-BZ#18	0.00035 J	0.00021 J	0.00047 U	0.0026	0.00047 U
Cl3-BZ#19	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl3-BZ#21/#33	0.00022 J	0.00091 U	0.00093 U	0.0007 J	0.00094 U
Cl3-BZ#22	0.00039 J	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl3-BZ#24/#27	0.00094 U	0.00091 U	0.00093 U	0.00041 J	0.00094 U
Cl3-BZ#25	0.00026 J	0.00046 U	0.00047 U	0.0025	0.00047 U
Cl3-BZ#26	0.00052	0.00029 J	0.00047 U	0.0051	0.00047 U
Cl3-BZ#28/#31	0.0021	0.001	0.00093 U	0.014	0.00094 U
Cl3-BZ#29	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl3-BZ#37	0.00047 U	0.00046 U	0.00047 U	0.00058	0.00047 U
Cl4-BZ#40	0.00047 U	0.00046 U	0.00047 U	0.0006	0.00047 U
Cl4-BZ#41/#71	0.00055 J	0.00032 J	0.00093 U	0.0028	0.00094 U
Cl4-BZ#42	0.0003 J	0.00046 U	0.00047 U	0.00099	0.00047 U
Cl4-BZ#43/#49	0.0018	0.00091	0.00093 U	0.0096	0.00094 U
Cl4-BZ#44	0.00083	0.00038 J	0.00047 U	0.0031	0.00047 U
Cl4-BZ#45	0.00047 U	0.00046 U	0.00047 U	0.00029 J	0.00047 U
Cl4-BZ#46	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl4-BZ#47/#48	0.00098	0.00057 J	0.00093 U	0.0044	0.00094 U
Cl4-BZ#50	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl4-BZ#51	0.00047 U	0.00046 U	0.00047 U	0.00024	0.00047 U
Cl4-BZ#52	0.0023	0.0012	0.00047 U	0.011	0.00047 U
Cl4-BZ#53	0.00047 U	0.00046 U	0.00047 U	0.00057	0.00047 U
Cl4-BZ#54	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Cl4-BZ#56/#60	0.00049 J	0.00024 J	0.00093 U	0.0015	0.00094 U
Cl4-BZ#63	0.00047 U	0.00046 U	0.00047 U	0.00038 J	0.00047 U
Cl4-BZ#64	0.0004 J	0.00019 J	0.00047 U	0.0016	0.00047 U
Cl4-BZ#66	0.0015	0.00072	0.00047 U	0.0037	0.00047 U

Table 3C (Continued) Sample Data for Quahog (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-SF-A-3	NBH05-SF-B-3	NBH05-SF-C-3	NBH05-SF-D-3	NBH05-SF-E-3
CI4-BZ#70	0.0013	0.00066	0.00047 U	0.0034	0.00047 U
CI4-BZ#74	0.00068	0.00038 J	0.00047 U	0.0025	0.00047 U
CI4-BZ#76	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI4-BZ#77	0.00047 U	0.00046 U	0.00047 U	0.00056	0.00047 U
CI4-BZ#81	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI5-BZ#82	0.00019 J	0.00046 U	0.00047 U	0.00038	0.00047 U
CI5-BZ#83	0.00023 J	0.00046 U	0.00047 U	0.00044 J	0.00047 U
CI5-BZ#85	0.0005	0.00025 J	0.00047 U	0.0007	0.00047 U
CI5-BZ#87	0.00067	0.00033 J	0.00047 U	0.0015	0.00047 U
CI5-BZ#89	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI5-BZ#91	0.00038 J	0.00046 U	0.00047 U	0.0015	0.00047 U
CI5-BZ#92	0.00078	0.00041 J	0.00047 J	0.0018	0.00047 J
CI5-BZ#95	0.0011	0.00054	0.00047 U	0.0032	0.00047 U
CI5-BZ#97	0.00082	0.00038 J	0.00047 U	0.0018	0.00047 U
CI5-BZ#99	0.0024	0.0011	0.00047 U	0.0062	0.00047 U
CI5-BZ#100	0.00047 U	0.00046 U	0.00047 U	0.00024 J	0.00047 U
CI5-BZ#101/#84	0.0035	0.0016	0.00021 J	0.0086	0.00094 U
CI5-BZ#104	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI5-BZ#105	0.00068	0.00034 J	0.00047 U	0.0012	0.00047 U
CI5-BZ#107	0.00047	0.00023 J	0.00047 U	0.00088	0.00047 U
CI5-BZ#110	0.0024	0.0011	0.00047 U	0.0062	0.00047 U
CI5-BZ#114	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI5-BZ#118	0.0028	0.0012 J	0.00047 U	0.0057	0.00047 U
CI5-BZ#119	0.00047 U	0.00046 U	0.00047 U	0.0006	0.00047 U
CI5-BZ#123	0.00047 U	0.00046 U	0.00047 U	0.00028 J	0.00047 U
CI5-BZ#124	0.00047 U	0.00046 U	0.00047 U	0.00025 J	0.00047 U
CI6-BZ#129	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI6-BZ#130	0.00037 J	0.00046 U	0.00047 U	0.00039 U	0.00047 U
CI6-BZ#131	0.00094 U	0.00091 U	0.00093 U	0.00094 U	0.00094 U
CI6-BZ#132/#168	0.00057 J	0.00026 J	0.00093 U	0.00082 J	0.00094 U
CI6-BZ#134	0.00024 J	0.00046 U	0.00047 U	0.00044 J	0.00047 U
CI6-BZ#135/#144	0.00046 J	0.00026 J	0.00093 U	0.00093 J	0.00094 U
CI6-BZ#136	0.00021 J	0.00046 U	0.00047 U	0.00045 J	0.00047 U
CI6-BZ#137	0.00047 U	0.00046 U	0.00047 U	0.0003 J	0.00047 U
CI6-BZ#138/#163	0.0029 U	0.0013 U	0.00093 U	0.0049	0.00094 U
CI6-BZ#141	0.00047 U	0.00046 U	0.00047 U	0.00036 J	0.00047 U
CI6-BZ#146	0.00079 J	0.0004 J	0.00093 U	0.0015	0.00094 U
CI6-BZ#147	0.00047 U	0.00046 U	0.00047 U	0.0004 J	0.00047 U
CI6-BZ#149	0.0016	0.00073	0.00047 U	0.004	0.00047 U
CI6-BZ#151	0.00029 J	0.00046 U	0.00047 U	0.00056	0.00047 U
CI6-BZ#153	0.0033	0.0014 U	0.00047 U	0.0071	0.00047 U
CI6-BZ#154	0.00047 U	0.00046 U	0.00047 U	0.00022 J	0.00047 U
CI6-BZ#155	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U

Table 3C (Continued) Sample Data for Quahog (mg/kg, wet weight) Area III – 2005

Sample#	NBH05-SF-A-3	NBH05-SF-B-3	NBH05-SF-C-3	NBH05-SF-D-3	NBH05-SF-E-3
CI6-BZ#156	0.00023 J	0.00046 U	0.00047 U	0.00041 J	0.00047 U
CI6-BZ#157	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI6-BZ#158	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI6-BZ#167/#128	0.00065 J	0.00028 J	0.00093 U	0.00098	0.00094 U
CI6-BZ#169	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#170/#190	0.00025 J	0.00091 U	0.00093 U	0.00039 J	0.00094 U
CI7-BZ#171	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#172	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#173	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#174	0.00047 U	0.00046 U	0.00047 U	0.00024 J	0.00047 U
CI7-BZ#175	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#176	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#177	0.00024 J	0.00046 U	0.00047 U	0.00032 J	0.00047 U
CI7-BZ#178	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#180	0.00047 U	0.00046 U	0.00047 U	0.00086	0.00047 U
CI7-BZ#182/#187	0.00051 J	0.00023 J	0.00093 U	0.00089 J	0.00094 U
CI7-BZ#183	0.00047 U	0.00046 U	0.00047 U	0.0002 J	0.00047 U
CI7-BZ#184	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#185	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#188	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#189	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#191	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI7-BZ#193	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#194	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#195	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#196/203	0.00094 U	0.00091 U	0.00093 U	0.00094 U	0.00094 U
CI8-BZ#197	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#199	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#200	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#201	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#202	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI8-BZ#205	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI9-BZ#206	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI9-BZ#207	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI9-BZ#208	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
CI10-BZ#209	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Aroclor-1232	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Aroclor-1242	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Aroclor-1248	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Aroclor-1254	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U
Aroclor-1260	0.00047 U	0.00046 U	0.00047 U	0.00047 U	0.00047 U

Table 4 Sample Data for Alewife and Winter Flounder (mg/kg, wet weight) 2005

Sample#	NBH05-FF-A-1	NBH05-FF-B-1	NBH05-FF-C-2
Species	Alewife	Alewife	Winter Flounder
Area	I	I	II
Station	Station A	Station B	Station C
Lipids, %	1.6	2.6	0.32
136 PCB Congeners (total) ¹	4.9 J	9.9 J	2.0
5 PCB Aroclors (total) ²	0.00047 U	0.00047 U	5.6 J
Cl1-BZ#1	0.00079	0.0015	0.00045 U
Cl1-BZ#3	0.00047 U	0.00047 U	0.00045 U
Cl2-BZ#4/#10	0.029	0.048	0.0011
Cl2-BZ#5/#8	0.028	0.05	0.0021
Cl2-BZ#6	0.08	0.12	0.001
Cl2-BZ#7	0.0045	0.0085	0.00045 U
Cl2-BZ#12/#13	0.0023	0.0092	0.00091 U
Cl2-BZ#15	0.0052	0.024	0.0014
Cl3-BZ#16/#32	0.092	0.19	0.02
Cl3-BZ#17	0.049	0.083	0.0072
Cl3-BZ#18	0.28	0.52	0.012
Cl3-BZ#19	0.02 J	0.035 J	0.00087
Cl3-BZ#21/#33	0.021	0.041	0.0026
Cl3-BZ#22	0.02	0.044	0.01
Cl3-BZ#24/#27	0.052	0.096	0.0037
Cl3-BZ#25	0.12	0.32	0.012
Cl3-BZ#26	0.25 J	0.58 J	0.046
Cl3-BZ#28/#31	0.44 J	1.1 J	0.23
Cl3-BZ#29	0.00047 U	0.00047 U	0.00045 U
Cl3-BZ#37	0.0033	0.013	0.0018
Cl4-BZ#40	0.017	0.034	0.0037
Cl4-BZ#41/#71	0.07	0.16	0.055
Cl4-BZ#42	0.033	0.082	0.0011
Cl4-BZ#43/#49	0.42 J	1 J	0.13
Cl4-BZ#44	0.17	0.35	0.0031
Cl4-BZ#45	0.016	0.034	0.00079
Cl4-BZ#46	0.014	0.03	0.00045 U
Cl4-BZ#47/#48	0.15	0.33	0.079
Cl4-BZ#50	0.0007	0.0016	0.00045 U
Cl4-BZ#51	0.016	0.038	0.0035
Cl4-BZ#52	0.58 J	1.3 J	0.042
Cl4-BZ#53	0.056	0.13	0.00099
Cl4-BZ#54	0.00046 J	0.0012	0.00045 U
Cl4-BZ#56/#60	0.019	0.034	0.02
Cl4-BZ#63	0.0052	0.0098	0.0021
Cl4-BZ#64	0.071	0.17	0.016

Table 4 (Continued) Sample Data for Alewife and Winter Flounder 2005

Sample#	NBH05-FF-A-1	NBH05-FF-B-1	NBH05-FF-C-2
CI4-BZ#66	0.068	0.13	0.073
CI4-BZ#70	0.045	0.083	0.063
CI4-BZ#74	0.049	0.085	0.055
CI4-BZ#76	0.00047 U	0.00047 U	0.00045 U
CI4-BZ#77	0.0078	0.014	0.0084
CI4-BZ#81	0.00087	0.0011	0.0011
CI5-BZ#82	0.0036	0.0053	0.0014
CI5-BZ#83	0.009	0.016	0.00058
CI5-BZ#85	0.0084	0.01	0.014
CI5-BZ#87	0.023	0.034	0.028
CI5-BZ#89	0.00047 U	0.00047 U	0.00045 U
CI5-BZ#91	0.06	0.13	0.012
CI5-BZ#92	0.041	0.067	0.018
CI5-BZ#95	0.13 J	0.27 J	0.02
CI5-BZ#97	0.044	0.075	0.0058
CI5-BZ#99	0.16	0.25	0.15
CI5-BZ#100	0.008	0.014	0.0043
CI5-BZ#101/#84	0.23	0.38	0.091
CI5-BZ#104	0.00047 U	0.00031 J	0.00045 U
CI5-BZ#105	0.014	0.017	0.026
CI5-BZ#107	0.011	0.013	0.0078
CI5-BZ#110	0.17	0.32	0.14
CI5-BZ#114	0.0013	0.0016	0.0021
CI5-BZ#118	0.12	0.15	0.14
CI5-BZ#119	0.025	0.043	0.014
CI5-BZ#123	0.0065	0.012	0.0046
CI5-BZ#124	0.0036	0.0049	0.0028
CI5-BZ#126	0.00047 U	0.00047 U	0.00036 J
CI6-BZ#129	0.0017	0.0022	0.00083
CI6-BZ#130	0.0034	0.0036	0.0023
CI6-BZ#131	0.00094	0.00095 U	0.00091 U
CI6-BZ#132/#168	0.0084	0.011	0.0058
CI6-BZ#134	0.0091	0.014	0.0047
CI6-BZ#135/#144	0.016	0.025	0.0049
CI6-BZ#136	0.012	0.023	0.0026
CI6-BZ#137	0.0034	0.0039	0.0067
CI6-BZ#138/#163	0.086	0.11	0.095
CI6-BZ#141	0.005	0.0061	0.0065
CI6-BZ#146	0.024	0.029	0.011
CI6-BZ#147	0.009	0.015	0.0033
CI6-BZ#149	0.11	0.18	0.031
CI6-BZ#151	0.018	0.025	0.0072
CI6-BZ#153	0.14	0.18	0.16

Table 4 (Continued) Sample Data for Alewife and Winter Flounder 2005

Sample#	NBH05-FF-A-1	NBH05-FF-B-1	NBH05-FF-C-2
CI6-BZ#154	0.0086	0.012	0.0067
CI6-BZ#155	0.00047 U	0.00047 U	0.00045 U
CI6-BZ#156	0.0058	0.0066	0.0086
CI6-BZ#157	0.00093	0.001	0.0015
CI6-BZ#158	0.0089	0.011	0.012
CI6-BZ#167/#128	0.016	0.019	0.022
CI6-BZ#169	0.00047 U	0.00047 U	0.00045 U
CI7-BZ#170/#190	0.0055 J	0.0063 J	0.008
CI7-BZ#171	0.0016	0.0018	0.0022
CI7-BZ#172	0.00089	0.001	0.0009
CI7-BZ#173	0.00047	0.00047	0.00045
CI7-BZ#174	0.0027	0.0034	0.0016
CI7-BZ#175	0.00042 J	0.00069	0.00019 J
CI7-BZ#176	0.00047	0.00061	0.0003 J
CI7-BZ#177	0.0024	0.0025	0.0017
CI7-BZ#178	0.0021	0.0025	0.0014
CI7-BZ#180	0.011	0.012	0.015
CI7-BZ#182/#187	0.013	0.016	0.01
CI7-BZ#183	0.0041	0.0049	0.0049
CI7-BZ#184	0.00047 U	0.00047 U	0.00045 U
CI7-BZ#185	0.00036 J	0.00047	0.00035 J
CI7-BZ#188	0.00021 J	0.00027 J	0.0002 J
CI7-BZ#189	0.00047 U	0.00032 J	0.00037 J
CI7-BZ#191	0.00032 J	0.00042 J	0.00037 J
CI7-BZ#193	0.00097	0.0012	0.001
CI8-BZ#194	0.0011 J	0.0014 J	0.0018
CI8-BZ#195	0.00037 J	0.00043 J	0.00063
CI8-BZ#196/203	0.0018	0.0022	0.0024
CI8-BZ#197	0.00047 U	0.00047 U	0.00045 U
CI8-BZ#199	0.00047 U	0.00047 U	0.00045 U
CI8-BZ#200	0.00029 J	0.00038 J	0.00029 J
CI8-BZ#201	0.0013	0.0015	0.0014
CI8-BZ#202	0.00066	0.00079	0.00057
CI8-BZ#205	0.00047 U	0.00047 U	0.00045 U
CI9-BZ#206	0.00055	0.00068	0.0009
CI9-BZ#207	0.00047 U	0.00047 U	0.00045 U
CI9-BZ#208	0.00026 J	0.00031 J	0.0004 J
CI10-BZ#209	0.00019 J	0.00022 J	0.00025 J
Aroclor-1232	0.00047 U	0.00047 U	0.00045 U
Aroclor-1242	0.00047 U	0.00047 U	0.00045 U
Aroclor-1248	0.00047 U	0.00047 U	1
Aroclor-1254	0.00047 U	0.00047 U	4.6 J
Aroclor-1260	0.00047 U	0.00047 U	0.00045 U

Table 5 Sample Data for Eel (mg/kg, wet weight) Area I and II – 2005

Sample#	NBH05-FF-A-1	NBH05-FF-B-1	NBH05-FF-C-1	NBH05-FF-D-1	NBH05-FF-E-1	NBH05-FF-C-2
Species	American Eel					
Area	I	I	I	I	I	II
Station	Station A	Station B	Station C	Station D	Station E	Station C
Lipids, %	7.2	3.2	7	1.3	2.7	2.5
136 PCB Congeners (total) ¹	16	15	29	35	28	6.9
5 PCB Aroclors (total) ²	43	47.6	85	107	86 J	19.9
Cl1-BZ#1	0.00046 U	0.00047 U				
Cl1-BZ#3	0.00046 U	0.00047 U				
Cl2-BZ#4/#10	0.0065	0.0021	0.0073	0.018	0.013	0.0015
Cl2-BZ#5/#8	0.0033	0.00091 U	0.0027	0.014	0.0081	0.00093 U
Cl2-BZ#6	0.0025	0.00054	0.0025	0.012	0.007	0.00034 J
Cl2-BZ#7	0.00042 J	0.00046 U	0.0004 J	0.00076	0.00078	0.00047 U
Cl2-BZ#12/#13	0.0024	0.00041 J	0.0011	0.0014	0.0017	0.00046 J
Cl2-BZ#15	0.0032	0.00077	0.0018	0.003	0.0028	0.00088
Cl3-BZ#16/#32	0.045	0.018	0.08	0.17	0.1	0.0093
Cl3-BZ#17	0.013	0.0032	0.014	0.041	0.024	0.003
Cl3-BZ#18	0.052	0.013	0.071	0.14	0.084	0.0067
Cl3-BZ#19	0.0078	0.0026	0.01	0.022	0.013	0.0017
Cl3-BZ#21/#33	0.012	0.0037	0.017	0.018	0.014	0.0026
Cl3-BZ#22	0.043	0.015	0.054	0.063	0.051	0.013
Cl3-BZ#24/#27	0.0063	0.0021	0.01	0.02	0.014	0.0012
Cl3-BZ#25	0.076	0.017	0.057	0.068	0.066	0.012
Cl3-BZ#26	0.37	0.098	0.3	0.23	0.24	0.055
Cl3-BZ#28/#31	0.88	0.24	0.66	0.56	0.53	0.2
Cl3-BZ#29	0.00046 U	0.00047 U				
Cl3-BZ#37	0.0045	0.0027	0.0062	0.016	0.0096	0.0019
Cl4-BZ#40	0.03	0.014	0.038	0.069	0.049	0.009
Cl4-BZ#41/#71	0.33	0.22	0.55	0.86	0.7	0.19
Cl4-BZ#42	0.09	0.061	0.14	0.37	0.23	0.04
Cl4-BZ#43/#49	1.1	0.72	1.6	3.8	2.5	0.21
Cl4-BZ#44	0.33	0.19	0.43	0.83	0.56	0.067
Cl4-BZ#45	0.0078	0.003	0.01	0.024	0.013	0.0015
Cl4-BZ#46	0.00046 U	0.00047 U				
Cl4-BZ#47/#48	0.44	0.33	0.75	1.6	1.1	0.29
Cl4-BZ#50	0.00046 U	0.00046 U	0.00046 U	0.00065	0.00031 J	0.00047 U
Cl4-BZ#51	0.0068	0.0034	0.0094	0.039	0.017	0.0015
Cl4-BZ#52	1.9	1.2	2.2	4.4	2.7	0.45
Cl4-BZ#53	0.024	0.01	0.028	0.087	0.044	0.0038
Cl4-BZ#54	0.0005	0.00046 U	0.00038 J	0.00083	0.00064	0.00047 U
Cl4-BZ#56/#60	0.07	0.044	0.11	0.064	0.062	0.033
Cl4-BZ#63	0.03	0.019	0.049	0.026	0.023	0.011
Cl4-BZ#64	0.00046 U	0.00046 U	0.00046 U	0.029	0.039	0.00047 U

Table 5 (Continued) Sample Data for Eel (mg/kg, wet weight) Area I and II – 2005

Sample#	NBH05-FF-A-1	NBH05-FF-B-1	NBH05-FF-C-1	NBH05-FF-D-1	NBH05-FF-E-1	NBH05-FF-C-2
CI4-BZ#66	0.37	0.26	0.54	0.35	0.42	0.17
CI4-BZ#70	0.059	0.018	0.028	0.009	0.019	0.013
CI4-BZ#74	0.32	0.22	0.49	0.28	0.29	0.11
CI4-BZ#76	0.00046 U	0.00047 U				
CI4-BZ#77	0.00046 U	0.00047 U				
CI4-BZ#81	0.0051	0.0056	0.01	0.0084	0.0068	0.0016
CI5-BZ#82	0.015	0.011	0.023	0.034	0.026	0.0067
CI5-BZ#83	0.028	0.022	0.033	0.079	0.054	0.015
CI5-BZ#85	0.058	0.061	0.13	0.14	0.11	0.072
CI5-BZ#87	0.2	0.23	0.37	0.32	0.3	0.076
CI5-BZ#89	0.00046 U	0.00047 U				
CI5-BZ#91	0.18	0.13	0.26	0.59	0.39	0.063
CI5-BZ#92	0.22	0.23	0.34	0.38	0.33	0.055
CI5-BZ#95	0.32	0.2	0.4	0.69	0.46	0.071
CI5-BZ#97	0.15	0.14	0.27	0.38	0.34	0.093
CI5-BZ#99	1	1.3	2.5	2.6	2.4	0.57
CI5-BZ#100	0.018	0.014	0.032	0.076	0.046	0.011
CI5-BZ#101/#84	1.2	1.2	2.1	2.5	2.4	0.36
CI5-BZ#104	0.00046 U	0.00047 U				
CI5-BZ#105	0.23	0.35	0.5	0.35	0.32	0.16
CI5-BZ#107	0.045	0.027	0.064	0.022	0.021	0.012
CI5-BZ#110	0.58	0.48	0.89	1.6	1.4	0.37
CI5-BZ#114	0.017	0.02	0.04	0.032	0.027	0.0084
CI5-BZ#118	1.2	1.8	3	2.1	2.3	0.6
CI5-BZ#119	0.06	0.045	0.11	0.24	0.15	0.034
CI5-BZ#123	0.042	0.049	0.096	0.098	0.071	0.021
CI5-BZ#124	0.0086	0.0046	0.0093	0.0066	0.006	0.002
CI5-BZ#126	0.0023	0.0015	0.0038	0.00046 U	0.0012	0.0007
CI6-BZ#129	0.0067	0.0063	0.013	0.02	0.015	0.005
CI6-BZ#130	0.041	0.061	0.11	0.079	0.062	0.028
CI6-BZ#131	0.00092 U	0.00091 U	0.00092 U	0.00092 U	0.00091 U	0.00093 U
CI6-BZ#132/#168	0.057	0.056	0.082	0.081	0.071	0.022
CI6-BZ#134	0.049	0.052	0.1	0.14	0.093	0.026
CI6-BZ#135/#144	0.061	0.052	0.095	0.12	0.089	0.016
CI6-BZ#136	0.041	0.026	0.057	0.098	0.053	0.009
CI6-BZ#137	0.044	0.062	0.12	0.095	0.076	0.03
CI6-BZ#138/#163	0.76	1.1	1.9	1.4	1.4	0.54
CI6-BZ#141	0.051	0.07	0.13	0.1	0.081	0.022
CI6-BZ#146	0.2	0.26	0.42	0.37	0.33	0.11
CI6-BZ#147	0.056	0.064	0.13	0.17	0.11	0.031
CI6-BZ#149	0.53	0.54	0.87	1.2	1	0.25
CI6-BZ#151	0.062	0.044	0.11	0.15	0.086	0.008
CI6-BZ#153	1.4	1.8	3.1	2.6	2.4	0.76

Table 5 (Continued) Sample Data for Eel (mg/kg, wet weight) Area I and II – 2005

Table 6 Sample Data for Black Sea Bass (mg/kg, wet weight) 2005

Sample#	NBH05-FF-A-2	NBH05-FF-B-2	NBH05-FF-D-2	NBH05-FF-E-2	NBH05-FF-A-3	NBH05-FF-B-3	NBH05-FF-C-3	NBH05-FF-D-3	NBH05-FF-E-3
Area	II	II	II	II	III	III	III	III	III
Station	Station A	Station B	Station D	Station E	Station A	Station B	Station C	Station D	Station D
Lipids, %	0.58	1.7	0.75	0.92	0.78	1.4	1	1.3	1.6
136 PCB Congeners (total) ¹	0.13 U	0.25 U	0.12 U	0.28 U	0.15 U	0.29 U	0.43 U	0.30 U	0.33 U
5 PCB Aroclors (total) ²	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI1-BZ#1	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI1-BZ#3	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI2-BZ#4/#10	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00092 U	0.0002 J	0.00091 U
CI2-BZ#5/#8	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00092 U	0.00029 J	0.00091 U
CI2-BZ#6	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00027 J	0.00019 J	0.00045 U
CI2-BZ#7	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI2-BZ#12/#13	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00092 U	0.00092 U	0.00091 U
CI2-BZ#15	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI3-BZ#16/#32	0.00093 U	0.00029 J	0.0002 J	0.00051 J	0.0002 J	0.00026 J	0.0011	0.00084 J	0.00056 J
CI3-BZ#17	0.00046 U	0.00048 U	0.00048 U	0.00042 J	0.00047 U	0.00046 U	0.00064	0.00061	0.00037 J
CI3-BZ#18	0.00046 U	0.00048 U	0.00048 U	0.00036 J	0.00047 U	0.00046 U	0.00095	0.00093	0.00036 J
CI3-BZ#19	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI3-BZ#21/#33	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00036 J	0.00025 J	0.00022 J
CI3-BZ#22	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI3-BZ#24/#27	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00092 U	0.00092 U	0.00091 U
CI3-BZ#25	0.00046 U	0.00048 U	0.00048 U	0.00039 J	0.00047 U	0.00046 U	0.0014	0.00081	0.00053
CI3-BZ#26	0.00046 U	0.0006	0.00031 J	0.0015	0.00026 J	0.00043 J	0.0058	0.0023	0.0015
CI3-BZ#28/#31	0.00078 J	0.0022	0.0014	0.0042	0.0011	0.0018	0.013	0.0054	0.0047
CI3-BZ#29	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI3-BZ#37	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#40	0.00046 U	0.00048 U	0.00048 U	0.00044 J	0.00047 U	0.00026 J	0.00042 J	0.00029 J	0.00045 J
CI4-BZ#41/#71	0.00048 J	0.001	0.00066 J	0.0021	0.00054 J	0.0012	0.0066	0.0018	0.0022
CI4-BZ#42	0.00046 U	0.00029 J	0.00048 U	0.00076	0.00047 U	0.00039 J	0.0013	0.00061	0.00074
CI4-BZ#43/#49	0.0017	0.0037	0.002	0.008	0.0018	0.0045	0.018	0.008	0.0075
CI4-BZ#44	0.00058	0.0012	0.00071	0.0029	0.00074	0.0017	0.0044	0.0025	0.0028
CI4-BZ#45	0.00046 U	0.00048 U	0.00048 U	0.00026 J	0.00047 U	0.00046 U	0.00019 J	0.00019 J	0.00045 U
CI4-BZ#46	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#47/#48	0.001	0.0018	0.0012	0.0042	0.0012	0.0023	0.0089	0.0033	0.004
CI4-BZ#50	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#51	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#52	0.003	0.0068	0.0033	0.012	0.0034	0.0091	0.023	0.012	0.012
CI4-BZ#53	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00027 J	0.00045 U
CI4-BZ#54	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#56/#60	0.00021 J	0.00047 J	0.00027 J	0.00079 J	0.00025 J	0.00045 J	0.0024	0.00076 J	0.0013
CI4-BZ#63	0.00021 J	0.00042 J	0.00022 J	0.00052	0.00021 J	0.00046	0.00095	0.00051	0.00067
CI4-BZ#64	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00051	0.00045 U
CI4-BZ#66	0.0018	0.0033	0.002	0.006	0.0021	0.0039	0.012	0.0048	0.0066

Table 6 (Continued) Sample Data for Black Sea Bass (mg/kg, wet weight) 2005

Sample#	FF-A-2	FF-B-2	FF-D-2	FF-E-2	FF-A-3	FF-B-3	FF-C-3	FF-D-3	FF-E-3
CI4-BZ#70	0.00046 U	0.00057	0.00023 J	0.00066	0.00047 U	0.00031 J	0.0024	0.0012	0.0013
CI4-BZ#74	0.0012	0.0028	0.0015	0.004	0.0015	0.0029	0.0088	0.0034	0.0044
CI4-BZ#76	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#77	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI4-BZ#81	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI5-BZ#82	0.0002 J	0.00048 U	0.00048 U	0.00019 J	0.0002 J	0.00048	0.00052	0.00019 J	0.00056
CI5-BZ#83	0.00021 J	0.00035 J	0.00025 J	0.00054	0.00031 J	0.00052	0.0011	0.00051	0.00065
CI5-BZ#85	0.00071	0.00097	0.0006	0.0018	0.00072	0.0013	0.0022	0.0013	0.002
CI5-BZ#87	0.0012	0.0028	0.0011	0.0031	0.0012	0.0031	0.0035	0.0032	0.0036
CI5-BZ#89	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI5-BZ#91	0.00043 J	0.00079	0.00045 J	0.0015	0.0005	0.0011	0.0036	0.0015	0.0016
CI5-BZ#92	0.0017	0.0034	0.0014	0.0043	0.0018	0.0043	0.0055	0.0038	0.0045
CI5-BZ#95	0.0014	0.003	0.0012	0.0047	0.0013	0.004	0.0048	0.0042	0.0048
CI5-BZ#97	0.00078	0.0014	0.001	0.0023	0.00067	0.0019	0.0063	0.0021	0.003
CI5-BZ#99	0.0035	0.0077	0.0043	0.017	0.0029	0.0089	0.028	0.011	0.015
CI5-BZ#100	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00033 J	0.00046 U	0.00045 U
CI5-BZ#101/#84	0.0081	0.017	0.0073	0.017	0.0079	0.022	0.029	0.02	0.023
CI5-BZ#104	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI5-BZ#105	0.0022	0.0044	0.0019	0.005	0.0025	0.0047	0.0059	0.0047	0.0056
CI5-BZ#107	0.0015	0.0032	0.0013	0.0028	0.0017	0.0038	0.0038	0.0033	0.0038
CI5-BZ#110	0.0019	0.0029	0.0023	0.0065	0.0026	0.004	0.012	0.006	0.0068
CI5-BZ#114	0.00046 U	0.00023 J	0.00048 U	0.00026 J	0.00047 U	0.00022 J	0.00053	0.00024 J	0.00033 J
CI5-BZ#118	0.014	0.029	0.012	0.032	0.017	0.033	0.042	0.031	0.037
CI5-BZ#119	0.00038 J	0.00051	0.0004 J	0.00099	0.00046 J	0.00075	0.0015	0.00084	0.001
CI5-BZ#123	0.00033 J	0.00063	0.00032 J	0.00068	0.00032 J	0.0008	0.0014	0.0007	0.00081
CI5-BZ#124	0.00046 U	0.0002 J	0.00048 U	0.00021 J	0.00047 U	0.00046 U	0.00041 J	0.00026 J	0.00024 J
CI5-BZ#126	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI6-BZ#129	0.00046 U	0.00024 J	0.00048 U	0.00021 J	0.00047 U	0.00028 J	0.00041 J	0.00026 J	0.00026 J
CI6-BZ#130	0.00072	0.0015	0.00055	0.0012	0.00079	0.0018	0.0014	0.0015	0.0014
CI6-BZ#131	0.00093 U	0.00096 U	0.00096 U	0.00091 U	0.00093 U	0.00093 U	0.00092 U	0.00092 U	0.00091 U
CI6-BZ#132/#168	0.00046 J	0.00093 J	0.00049 J	0.0012	0.00056 J	0.0013	0.0011	0.0012	0.0015
CI6-BZ#134	0.00069	0.0012	0.00054	0.0012	0.00075	0.0015	0.0019	0.0012	0.0013
CI6-BZ#135/#144	0.00075 J	0.0014	0.00069 J	0.0015	0.00084 J	0.0018	0.0018	0.0016	0.0017
CI6-BZ#136	0.00023 J	0.00054	0.0002 J	0.0006	0.00047 U	0.00058	0.0006	0.00061	0.00064
CI6-BZ#137	0.00045 J	0.00088	0.00039 J	0.0012	0.00057	0.00095	0.0014	0.00092	0.0013
CI6-BZ#138/#163	0.014	0.028	0.012	0.025	0.015	0.032	0.028	0.029	0.03
CI6-BZ#141	0.00049	0.001	0.00037 J	0.001	0.00054	0.0012	0.00098	0.001	0.0012
CI6-BZ#146	0.004	0.0076	0.0031	0.0056	0.0045	0.009	0.0094	0.0078	0.0082
CI6-BZ#147	0.00041 J	0.0008	0.00034 J	0.00075	0.00046 J	0.001	0.0014	0.00089	0.001
CI6-BZ#149	0.0036	0.0067	0.0032	0.0066	0.004	0.0091	0.013	0.0079	0.0089
CI6-BZ#151	0.0012	0.0024	0.00087	0.0024	0.0012	0.0029	0.0022	0.0025	0.0028
CI6-BZ#153	0.024	0.045	0.019	0.043	0.028	0.053	0.06	0.05	0.053
CI6-BZ#154	0.00046 U	0.00022 J	0.00048 U	0.00044 J	0.00047 U	0.00025 J	0.00082	0.0004 J	0.00042 J

Table 6 (Continued) Sample Data for Black Sea Bass (mg/kg, wet weight) 2005

Sample#	FF-A-2	FF-B-2	FF-D-2	FF-E-2	FF-A-3	FF-B-3	FF-C-3	FF-D-3	FF-E-3
CI6-BZ#155	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI6-BZ#156	0.0012	0.0024	0.00097	0.0026	0.0015	0.0026	0.0029	0.0025	0.003
CI6-BZ#157	0.00037 J	0.0007	0.00031 J	0.00061	0.00045 J	0.00074	0.00071	0.00071	0.00077
CI6-BZ#158	0.00078	0.0016	0.00073	0.002	0.00098	0.0019	0.0022	0.0018	0.0022
CI6-BZ#167/#128	0.0031	0.0061	0.0026	0.0059	0.0036	0.0069	0.0073	0.0063	0.0074
CI6-BZ#169	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#170/#190	0.0015	0.0028	0.0012	0.0025	0.0018	0.0031	0.0022	0.0029	0.0029
CI7-BZ#171	0.00024 J	0.00044 J	0.00023 J	0.00048	0.00025 J	0.00052	0.00038 J	0.00056	0.00051
CI7-BZ#172	0.00025 J	0.00045 J	0.00048 U	0.00034 J	0.00032 J	0.00051	0.00044 J	0.00049	0.00043 J
CI7-BZ#173	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#174	0.00031 J	0.00049	0.00024 J	0.00046	0.00038 J	0.00067	0.00051	0.0006	0.0006
CI7-BZ#175	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00019 J	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#176	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#177	0.0007	0.0012	0.00051	0.00079	0.0008	0.0016	0.00093	0.0012	0.0012
CI7-BZ#178	0.00049	0.00083	0.00036 J	0.00069	0.00056	0.001	0.001	0.00092	0.00086
CI7-BZ#180	0.0025	0.0046	0.0019	0.0043	0.0029	0.0052	0.0048	0.0053	0.0052
CI7-BZ#182/#187	0.0028	0.0051	0.002	0.0033	0.0032	0.0061	0.0053	0.0055	0.005
CI7-BZ#183	0.00081	0.0015	0.00061	0.0013	0.00088	0.0017	0.0016	0.0017	0.0017
CI7-BZ#184	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#185	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#188	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#189	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00025 J	0.00046 U	0.00046 U	0.00023 J
CI7-BZ#191	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI7-BZ#193	0.00021 J	0.00035 J	0.00048 U	0.00027 J	0.00025 J	0.00041 J	0.00036 J	0.00039 J	0.00038 J
CI8-BZ#194	0.00041 J	0.00062	0.00037 J	0.00052	0.00047	0.00085	0.00063	0.00085	0.00071
CI8-BZ#195	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00021 J	0.00045 U
CI8-BZ#196/203	0.00093 U	0.00076 J	0.00037 J	0.00063 J	0.00055 J	0.001	0.00065 J	0.00096	0.00082 J
CI8-BZ#197	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI8-BZ#199	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI8-BZ#200	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.0002 J	0.00046 U	0.00025 J	0.00045 U
CI8-BZ#201	0.00051	0.00082	0.00038 J	0.00051	0.00059	0.0011	0.00068	0.00094	0.00075
CI8-BZ#202	0.00025 J	0.00036 J	0.00048 U	0.00024 J	0.00026 J	0.00048	0.0004 J	0.00046	0.00036 J
CI8-BZ#205	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI9-BZ#206	0.00029 J	0.00035 J	0.00022 J	0.00026 J	0.00026 J	0.00045 J	0.00032 J	0.00056	0.00041 J
CI9-BZ#207	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
CI9-BZ#208	0.00046 U	0.0002 J	0.00048 U	0.00046 U	0.00047 U	0.00032 J	0.0002 J	0.00027 J	0.00025 J
CI10-BZ#209	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00019 J	0.00046 U	0.00025 J	0.00045 U
Aroclor-1232	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
Aroclor-1242	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
Aroclor-1248	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
Aroclor-1254	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U
Aroclor-1260	0.00046 U	0.00048 U	0.00048 U	0.00046 U	0.00047 U	0.00046 U	0.00046 U	0.00046 U	0.00045 U

Table 7A Sample Data for Scup (mg/kg, wet weight) Area II - 2005

Sample#	NBH05-FF-B-2	NBH05-FF-C-2S	NBH05-FF-D-2	NBH05-FF-E-2S
Species	Scup	Scup	Scup	Scup
Station	Station B	Station C	Station D	Station E
Lipids, %	1.4	1.3	0.64	1.1
136 PCB Congeners (total) ¹	0.87 J	0.89 J	0.32 UJ	0.30 UJ
5 PCB Aroclors (total) ²	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl1-BZ#1	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl1-BZ#3	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl2-BZ#4/#10	0.00039 J	0.00067 J	0.0002 J	0.00035 J
Cl2-BZ#5/#8	0.00094 U	0.00041 J	0.00098 U	0.00099 U
Cl2-BZ#6	0.00035 J	0.00056	0.00049 U	0.0005 U
Cl2-BZ#7	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl2-BZ#12/#13	0.00094 U	0.00094 U	0.00098 U	0.00099 U
Cl2-BZ#15	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl3-BZ#16/#32	0.0014	0.0021	0.0004 J	0.00076 J
Cl3-BZ#17	0.0012	0.0024	0.00054	0.00074
Cl3-BZ#18	0.0036	0.005	0.001	0.0018
Cl3-BZ#19	0.00023 J	0.00028 J	0.00049 UJ	0.0005 UJ
Cl3-BZ#21/#33	0.00074 J	0.001	0.00098 U	0.0003 J
Cl3-BZ#22	0.00047 U	0.0028	0.00049 U	0.0005 U
Cl3-BZ#24/#27	0.00037 J	0.00047 J	0.00098 U	0.0002 J
Cl3-BZ#25	0.0017	0.0021	0.00047 J	0.00077
Cl3-BZ#26	0.0052 J	0.0073 J	0.0013 J	0.0018 J
Cl3-BZ#28/#31	0.011 J	0.015 J	0.0037 J	0.005 J
Cl3-BZ#29	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl3-BZ#37	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl4-BZ#40	0.0012	0.00096	0.00049 U	0.00025 J
Cl4-BZ#41/#71	0.0075	0.0086	0.0014	0.0017
Cl4-BZ#42	0.0038	0.0017	0.0006	0.00061
Cl4-BZ#43/#49	0.029 J	0.029 J	0.0072 J	0.0079 J
Cl4-BZ#44	0.0076	0.0063	0.0011	0.0019
Cl4-BZ#45	0.00063	0.00057	0.00049 U	0.0002 J
Cl4-BZ#46	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl4-BZ#47/#48	0.013	0.016	0.0052	0.0051
Cl4-BZ#50	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl4-BZ#51	0.00027 J	0.00037 J	0.00049 U	0.0005 U
Cl4-BZ#52	0.031 J	0.03 J	0.008 J	0.0087 J
Cl4-BZ#53	0.00041 J	0.00043 J	0.00049 U	0.00025 J
Cl4-BZ#54	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Cl4-BZ#56/#60	0.004	0.0048	0.0012	0.0012
Cl4-BZ#63	0.0013	0.0017	0.00062	0.00045 J
Cl4-BZ#64	0.0019	0.0024	0.00043 J	0.00062
Cl4-BZ#66	0.018	0.022	0.0084	0.0069

Table 7A (Continued) Sample Data for Scup (mg/kg, wet weight) Area II - 2005

Sample#	NBH05-FF-B-2	NBH05-FF-C-2S	NBH05-FF-D-2	NBH05-FF-E-2S
CI4-BZ#70	0.002	0.002	0.00049 U	0.0007
CI4-BZ#74	0.0099	0.013	0.0044	0.0038
CI4-BZ#76	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI4-BZ#77	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI4-BZ#81	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI5-BZ#82	0.0017	0.00086	0.00026 J	0.00027 J
CI5-BZ#83	0.0011	0.00061	0.00049 U	0.00028 J
CI5-BZ#85	0.0099	0.0096	0.0034	0.0026
CI5-BZ#87	0.014	0.011	0.0032	0.0029
CI5-BZ#89	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI5-BZ#91	0.0074	0.0055	0.0014	0.0016
CI5-BZ#92	0.0066	0.0044	0.0012	0.0017
CI5-BZ#95	0.012 J	0.0088 J	0.002 J	0.0026 J
CI5-BZ#97	0.016	0.014	0.0038	0.0039
CI5-BZ#99	0.057	0.058	0.024	0.021
CI5-BZ#100	0.00088	0.00073	0.00033 J	0.0003 J
CI5-BZ#101/#84	0.071	0.071	0.025	0.021
CI5-BZ#104	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI5-BZ#105	0.015	0.017	0.0063	0.0047
CI5-BZ#107	0.0075	0.0081	0.0034	0.003
CI5-BZ#110	0.036	0.031	0.0051	0.0064
CI5-BZ#114	0.00066	0.00068	0.00049 U	0.00021 J
CI5-BZ#118	0.071	0.083	0.032	0.027
CI5-BZ#119	0.0035	0.003	0.0012	0.0012
CI5-BZ#123	0.002	0.0019	0.00071	0.00078
CI5-BZ#124	0.00042 J	0.00041 J	0.00049 U	0.0005 U
CI5-BZ#126	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI6-BZ#129	0.001	0.00069	0.00022 J	0.00025 J
CI6-BZ#130	0.003	0.0024	0.00085	0.00089
CI6-BZ#131	0.00094 U	0.00094 U	0.00098 U	0.00099 U
CI6-BZ#132/#168	0.0055	0.0031	0.00054 J	0.00099
CI6-BZ#134	0.0019	0.0011	0.00036 J	0.00053
CI6-BZ#135/#144	0.0035	0.0025	0.00073 J	0.00088 J
CI6-BZ#136	0.0027	0.0015	0.00036 J	0.00052
CI6-BZ#137	0.004	0.0041	0.0014	0.0011
CI6-BZ#138/#163	0.085	0.085	0.033	0.029
CI6-BZ#141	0.0033	0.0026	0.00086	0.00076
CI6-BZ#146	0.016	0.018	0.0081	0.0071
CI6-BZ#147	0.003	0.0028	0.0011	0.0011
CI6-BZ#149	0.033	0.026	0.0076	0.0082
CI6-BZ#151	0.0049	0.0033	0.0011	0.0012
CI6-BZ#153	0.11	0.13	0.053	0.045
CI6-BZ#154	0.0021	0.0019	0.00095	0.00084

Table 7A (Continued) Sample Data for Scup (mg/kg, wet weight) Area II - 2005

Sample#	NBH05-FF-B-2	NBH05-FF-C-2S	NBH05-FF-D-2	NBH05-FF-E-2S
CI6-BZ#155	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI6-BZ#156	0.0071	0.0082	0.003	0.0023
CI6-BZ#157	0.0015	0.0018	0.00079	0.00056
CI6-BZ#158	0.0072	0.0073	0.0024	0.0019
CI6-BZ#167/#128	0.02	0.022	0.0087	0.007
CI6-BZ#169	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI7-BZ#170/#190	0.0077 J	0.008 J	0.0032 J	0.0026 J
CI7-BZ#171	0.002	0.002	0.00092	0.00072
CI7-BZ#172	0.00085	0.00076	0.00038 J	0.00034 J
CI7-BZ#173	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI7-BZ#174	0.0015	0.00076	0.00023 J	0.00034 J
CI7-BZ#175	0.00032 J	0.00029 J	0.00049 U	0.0005 U
CI7-BZ#176	0.00043 J	0.0003 J	0.00049 U	0.0005 U
CI7-BZ#177	0.0018	0.0011	0.00041 J	0.00062
CI7-BZ#178	0.00098	0.00062	0.00028 J	0.0004 J
CI7-BZ#180	0.015	0.015	0.0069	0.0052
CI7-BZ#182/#187	0.011	0.01	0.0057	0.0052
CI7-BZ#183	0.004	0.0043	0.0021	0.0016
CI7-BZ#184	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI7-BZ#185	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI7-BZ#188	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI7-BZ#189	0.00039	0.00046	0.00049 U	0.0005 U
CI7-BZ#191	0.0003 J	0.00033 J	0.00049 U	0.0005 U
CI7-BZ#193	0.00077	0.00072	0.00041 J	0.00037 J
CI8-BZ#194	0.0019 J	0.0017 J	0.00088 J	0.00073 J
CI8-BZ#195	0.00061	0.00054	0.00029 J	0.00024 J
CI8-BZ#196/203	0.0023	0.0021	0.0013	0.001
CI8-BZ#197	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI8-BZ#199	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI8-BZ#200	0.0004 J	0.00037 J	0.00028 J	0.00025 J
CI8-BZ#201	0.0016	0.00099	0.00064	0.00066
CI8-BZ#202	0.00052	0.00035 J	0.00029 J	0.0003 J
CI8-BZ#205	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI9-BZ#206	0.0011	0.0008	0.00077	0.00063
CI9-BZ#207	0.00047 U	0.00047 U	0.00049 U	0.0005 U
CI9-BZ#208	0.00038 J	0.00025 J	0.00029 J	0.00026 J
CI10-BZ#209	0.0004 J	0.00025 J	0.00036 J	0.0003 J
Aroclor-1232	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Aroclor-1242	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Aroclor-1248	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Aroclor-1254	0.00047 U	0.00047 U	0.00049 U	0.0005 U
Aroclor-1260	0.00047 U	0.00047 U	0.00049 U	0.0005 U

Table 7B Sample Data for Scup (mg/kg, wet weight) Area III - 2005

Sample#	NBH05-FF-A-3	NBH05-FF-B-3	NBH05-FF-C-3	NBH05-FF-D-3	NBH05-FF-E-3
Species	Scup	Scup	Scup	Scup	Scup
Station	Station A	Station B	Station C	Station D	Station E
Lipids, %	0.98	0.68	1	2.1	0.99
136 PCB Congeners (total) ¹	0.19 UJ	0.31 UJ	0.65 J	1.3 J	0.37 J
5 PCB Aroclors (total) ²	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl1-BZ#1	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl1-BZ#3	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl2-BZ#4/#10	0.00097 U	0.00097 U	0.00073 J	0.0014	0.001 U
Cl2-BZ#5/#8	0.00097 U	0.00097 U	0.00046 J	0.00084 J	0.001 U
Cl2-BZ#6	0.00048 U	0.00048 U	0.00048 J	0.0011	0.0005 U
Cl2-BZ#7	0.00048 U	0.00048 U	0.00049 U	0.00028 J	0.0005 U
Cl2-BZ#12/#13	0.00097 U	0.00097 U	0.00099 U	0.001 U	0.001 U
Cl2-BZ#15	0.00048 U	0.00048 U	0.00049 U	0.0003 J	0.0005 U
Cl3-BZ#16/#32	0.00097 U	0.00097 U	0.0018	0.0043	0.0003 J
Cl3-BZ#17	0.00022 J	0.00032 J	0.0021	0.0053	0.00033 J
Cl3-BZ#18	0.00029 J	0.0005	0.0056	0.013	0.00058
Cl3-BZ#19	0.00048 UJ	0.00048 UJ	0.00032 J	0.00078 J	0.0005 UJ
Cl3-BZ#21/#33	0.00097 U	0.00097 U	0.00076 J	0.0017	0.001 U
Cl3-BZ#22	0.00048 U	0.00048 U	0.00049 U	0.0046	0.0005 U
Cl3-BZ#24/#27	0.00097 U	0.00097 U	0.00055 J	0.0011	0.001 U
Cl3-BZ#25	0.00048 U	0.00035 J	0.002	0.0065	0.00027 J
Cl3-BZ#26	0.00043 J	0.0012	0.0067 J	0.019 J	0.00096 J
Cl3-BZ#28/#31	0.0015 J	0.0037 J	0.017 J	0.048 J	0.0037 J
Cl3-BZ#29	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl3-BZ#37	0.00048 U	0.00048 U	0.00049 U	0.00042 J	0.0005 U
Cl4-BZ#40	0.00048 U	0.00048 U	0.0007	0.0018	0.000 U5
Cl4-BZ#41/#71	0.00067 J	0.001	0.0073	0.02	0.0016
Cl4-BZ#42	0.00038 J	0.00043 J	0.0019	0.0055	0.00088
Cl4-BZ#43/#49	0.0044 J	0.0082 J	0.026 J	0.076 J	0.0093 J
Cl4-BZ#44	0.00068	0.0014	0.0055	0.013	0.0017
Cl4-BZ#45	0.00048 U	0.00048 U	0.00049 U	0.0011	0.0005 U
Cl4-BZ#46	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl4-BZ#47/#48	0.0027	0.0046	0.013	0.033	0.0055
Cl4-BZ#50	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl4-BZ#51	0.00048 U	0.00048 U	0.00032 J	0.00083	0.0005 U
Cl4-BZ#52	0.0039 J	0.0095 J	0.03 J	0.062 J	0.0089 J
Cl4-BZ#53	0.00048 U	0.00048 U	0.00041 J	0.001	0.0005 U
Cl4-BZ#54	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Cl4-BZ#56/#60	0.00063 J	0.00096 J	0.0036	0.0095	0.0012
Cl4-BZ#63	0.00027 J	0.00059	0.0015	0.003	0.00057
Cl4-BZ#64	0.00032 J	0.00044 J	0.0015	0.0037	0.0006
Cl4-BZ#66	0.0041	0.0076	0.016	0.04	0.0089

Table 7B (Continued) Sample Data for Scup (mg/kg, wet weight) Area III - 2005

Sample#	NBH05-FF-A-3	NBH05-FF-B-3	NBH05-FF-C-3	NBH05-FF-D-3	NBH05-FF-E-3
CI4-BZ#70	0.00024 J	0.00031 J	0.0012	0.0041	0.00036 J
CI4-BZ#74	0.0018	0.0038	0.01	0.026	0.0039
CI4-BZ#76	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI4-BZ#77	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI4-BZ#81	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI5-BZ#82	0.00027 J	0.00048 U	0.00078	0.0016	0.00052
CI5-BZ#83	0.00048 U	0.00048 U	0.00046 J	0.0013	0.00033 J
CI5-BZ#85	0.0018	0.0025	0.0062	0.01	0.0037
CI5-BZ#87	0.0019	0.0032	0.0092	0.016	0.004
CI5-BZ#89	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI5-BZ#91	0.001	0.0019	0.0053	0.013	0.0019
CI5-BZ#92	0.001	0.0016	0.0044	0.0084	0.0023
CI5-BZ#95	0.0014 J	0.0026 J	0.0081 J	0.015 J	0.0034 J
CI5-BZ#97	0.0032	0.0037	0.01	0.022	0.0063
CI5-BZ#99	0.014	0.021	0.042	0.086	0.028
CI5-BZ#100	0.00021 J	0.00026 J	0.0006	0.0013	0.0004 J
CI5-BZ#101/#84	0.014	0.024	0.05	0.11	0.029
CI5-BZ#104	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI5-BZ#105	0.0029	0.0055	0.012	0.021	0.0062
CI5-BZ#107	0.0023	0.0032	0.0057	0.01	0.0044
CI5-BZ#110	0.0033	0.0048	0.026	0.058	0.0069
CI5-BZ#114	0.00048 U	0.00028 J	0.00051	0.0011	0.00024 J
CI5-BZ#118	0.016	0.03	0.054	0.11	0.034
CI5-BZ#119	0.00082	0.001	0.0026	0.0054	0.0016
CI5-BZ#123	0.00047 J	0.001	0.0022	0.0034	0.0011
CI5-BZ#124	0.00048 U	0.00048 U	0.00032 J	0.00076	0.0005 U
CI5-BZ#126	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI6-BZ#129	0.00048 U	0.00022 J	0.00064	0.001	0.00037 J
CI6-BZ#130	0.00081	0.00085	0.002	0.0031	0.0016
CI6-BZ#131	0.00097 U	0.00097 U	0.00099 U	0.001 U	0.001 U
CI6-BZ#132/#168	0.00046 J	0.00082 J	0.0025	0.0058	0.0012
CI6-BZ#134	0.00037 J	0.00045 J	0.0012	0.0021	0.00084
CI6-BZ#135/#144	0.00058 J	0.00081 J	0.002	0.0041	0.0013
CI6-BZ#136	0.00038 J	0.00049	0.0014	0.0022	0.00081
CI6-BZ#137	0.00062	0.0014	0.0026	0.0044	0.0014
CI6-BZ#138/#163	0.02	0.028	0.055	0.089	0.04
CI6-BZ#141	0.00058	0.00089	0.0023	0.0037	0.0012
CI6-BZ#146	0.0048	0.008	0.012	0.021	0.0093
CI6-BZ#147	0.00075	0.0012	0.0027	0.0042	0.0016
CI6-BZ#149	0.0059	0.0085	0.022	0.044	0.012
CI6-BZ#151	0.0011	0.0014	0.0035	0.0046	0.0021
CI6-BZ#153	0.027	0.053	0.078	0.14	0.054
CI6-BZ#154	0.00068	0.00074	0.0015	0.0031	0.0012

Table 7B (Continued) Sample Data for Scup (mg/kg, wet weight) Area III - 2005

Sample#	NBH05-FF-A-3	NBH05-FF-B-3	NBH05-FF-C-3	NBH05-FF-D-3	NBH05-FF-E-3
CI6-BZ#155	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI6-BZ#156	0.0015	0.0031	0.0049	0.0077	0.0031
CI6-BZ#157	0.0004 J	0.00066	0.0011	0.0017	0.00079
CI6-BZ#158	0.0012	0.0021	0.0041	0.0077	0.0024
CI6-BZ#167/#128	0.0048	0.0077	0.014	0.021	0.0096
CI6-BZ#169	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI7-BZ#170/#190	0.0016 J	0.0028 J	0.0044 J	0.0064 J	0.0032 J
CI7-BZ#171	0.00047 J	0.00066	0.0012	0.0018	0.001
CI7-BZ#172	0.00021 J	0.00036 J	0.00059	0.00076	0.00046 J
CI7-BZ#173	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI7-BZ#174	0.00023 J	0.00026 J	0.00072	0.0014	0.00054
CI7-BZ#175	0.00048 U	0.0002 J	0.00036 J	0.00034 J	0.00028 NJ
CI7-BZ#176	0.00048 U	0.00048 U	0.00027 J	0.00042 J	0.0005 U
CI7-BZ#177	0.00055	0.00052	0.0012	0.0016	0.0012
CI7-BZ#178	0.00035 J	0.00039 J	0.0007	0.001	0.00059
CI7-BZ#180	0.0029	0.0059	0.0087	0.013	0.0061
CI7-BZ#182/#187	0.0035	0.005	0.0076	0.012	0.0066
CI7-BZ#183	0.00097	0.0017	0.0025	0.0044	0.0019
CI7-BZ#184	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI7-BZ#185	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI7-BZ#188	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI7-BZ#189	0.00048 U	0.00048 U	0.0003 J	0.00039 J	0.00021 J
CI7-BZ#191	0.00048 U	0.00048 U	0.00021 J	0.00032 J	0.0005 U
CI7-BZ#193	0.00022 J	0.00031 J	0.00061	0.0008	0.00037 J
CI8-BZ#194	0.00039 J	0.00066 J	0.00099 J	0.0014 J	0.00077 J
CI8-BZ#195	0.00048 U	0.00021 J	0.00034 J	0.00039 J	0.00029 J
CI8-BZ#196/203	0.00058 J	0.00085 J	0.0012	0.0019	0.0011
CI8-BZ#197	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI8-BZ#199	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI8-BZ#200	0.00048 U	0.00023 J	0.00025 J	0.00034 J	0.00033 J
CI8-BZ#201	0.00047 J	0.00054	0.00095	0.0011	0.0009
CI8-BZ#202	0.00021 J	0.00023 J	0.00038 J	0.00039 J	0.00045 J
CI8-BZ#205	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI9-BZ#206	0.00032 J	0.00051	0.00061	0.0007	0.00059
CI9-BZ#207	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
CI9-BZ#208	0.00048 U	0.00048 U	0.00024 J	0.00026 J	0.00031 J
CI10-BZ#209	0.00048 U	0.00022 J	0.00023 J	0.00022 J	0.00031 J
Aroclor-1232	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Aroclor-1242	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Aroclor-1248	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Aroclor-1254	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U
Aroclor-1260	0.00048 U	0.00048 U	0.00049 U	0.0005 U	0.0005 U

Appendix B
Data Validation Summary
Massachusetts Department of Environmental Protection
New Bedford Harbor Seafood Contaminant Survey Monitoring
2005 Sampling

Introduction:

Sixty-nine fish tissue samples were collected from New Bedford Harbor, MA, during 2005. Samples were preserved by freezing (-20°C) until receipt on October 6 and October 12, 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 five separate data sets: 0510039 (lobster/crab meat), 0510040 (lobster tomalley), 0510041 (scup/alewife), 0510042 (quahogs), and 0510203 (eel/flounder/bass). Tier I+ data validation was performed for all data sets. The data packages were validated using Region I EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (USEPA, 1996), Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses (USEPA, 2004), Alpha 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
- Laboratory Control Samples
- Matrix Spike/Matrix Spike Duplicates
- * Laboratory Duplicates
- * Internal Standards
- Target Compound Quantitation

* - all criteria were met for this parameter

In general, laboratory performance is considered acceptable and all results are usable. The following qualifying statements have been applied to the 2005 data.

Initial Calibration

PCB (0510040, 0510041) – As noted in the narratives, the percent relative standard deviations of relative response factors were greater than 20 for congeners BZ 19 (25.1) and BZ 26 (21.1) in the initial calibration curve associated with SDGs 0510040 and 0510041. Positive and non-detected results for BZ 19, BZ 26, and Total PCBs were qualified as estimated (J/UJ) in all samples of SDGs 0510040 and 0510041.

Continuing Calibration

PCB (0510039) – As noted in the narrative, the percent difference between the initial calibration average relative response factor and continuing calibration response factor was greater than 25 for congener BZ 28/31 (43.1) in the continuing calibration standard associated with a subset of samples. Positive and non-detected results for BZ 28/31 were qualified as estimated (J/UJ) and positive results for Total PCBs were qualified as estimated (J) in samples NBH05-L-C-2, NBH05-L-D-2, NBH05-L-E-2, NBH05-L-E-1, NBH05-L-A-1, NBH05-L-B-1, NBH05-L-C-1, and NBH05-L-D-1.

Blanks

PCB (0510039) – Congeners BZ 18 (0.22 ug/kg) and BZ 28/31 (0.26 ug/kg) and Total PCBs (67 ug/kg) were detected in the method blank associated with all samples. All blank detections were less than the reporting limits. Action levels were established at five times the blank concentration for each detected analyte. Positive sample results greater than the action level were reported unqualified. Positive sample detections 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.

PCB (0510041) – Total PCBs (69 ug/kg) were detected in the method blank associated with all samples. An action level was established at five times the blank concentration. Positive Total PCB results greater than the action level were reported unqualified. Positive sample detections 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.

PCB (0510042) – Congeners BZ 118 (0.26 ug/kg), BZ 153 (0.39 ug/kg), and BZ 138/163 (0.27 ug/kg) and Total PCBs (68 ug/kg) were detected in the method blank associated with all samples. All blank detections were less than the reporting limits. Action levels were established at five times the blank concentration for each detected analyte. Positive sample results greater than the action level were reported unqualified. Positive sample detections 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.

PCB (0510203) – Congeners BZ 66 (0.25 ug/kg), BZ 99 (0.48 ug/kg), BZ 118 (0.99 ug/kg), BZ 146 (0.24 ug/kg), BZ 153 (1.3 ug/kg), BZ 138/163 (0.85 ug/kg), and BZ 180 (0.24 ug/kg) and Total PCBs (69 ug/kg) were detected in the method blank associated with all samples. Action levels were established at five times the blank concentration for each detected analyte. Positive sample results greater than the action level were reported unqualified. Positive sample detections 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 (0510039) – Percent recovery for congener BZ 77 (59) in the laboratory control sample duplicate analyzed concurrently with SDG 0510039 was outside the 60-140 control limits. A potential slight low bias is indicated for this congener; therefore, positive and non-detected results for BZ 77 were qualified as estimated (J/UJ) in all samples in SDG 0510039.

PCB (0510040) – Percent recoveries for congeners BZ 95 (50/51) and BZ 170/190 (56/57) in the LCS/LCSD analyzed concurrently with SDG 0510040 were outside the 60-140 control limits. Potential slight low biases are indicated for these congeners. Positive detections of BZ 95 and BZ 170/190 were reported in all samples and were qualified as estimated (J). Positive results for Total PCBs were also qualified as estimated (J).

PCB (0510041) – Percent recoveries for congeners BZ 95 (55), BZ 170/190 (57), and BZ 194 (58) in the LCS analyzed concurrently with SDG 0510041 were outside the 60-140 control limits. Potential slight low biases are indicated for these congeners. Positive and non-detected results for BZ 95, BZ 170/190, BZ 194, and Total PCBs in all samples were qualified as estimated (J/UJ).

Standard Reference Material

PCB (0510040) – Percent recoveries for the Standard Reference Material analyzed concurrently with SDG 0510040 were outside the 60-140 control limits for congeners BZ 156 (177) and BZ 167/128 (151). High biases were indicated by the recoveries. Positive detections of BZ 156 and BZ 167/128 were reported in all samples of SDG 0510040 and results were qualified as estimated (J). Positive results for Total PCBs were also qualified as estimated (J).

PCB (0510041) – Percent recoveries for the Standard Reference Material analyzed concurrently with SDG 0510041 were outside the 60-140 control limits for congeners BZ 28/31 (148), BZ 52 (178), and BZ 43/49 (163). High biases were indicated by the recoveries. Positive detections of BZ 28/31, BZ 52, and BZ 43/49 were qualified as estimated (J) in all samples. Positive results for Total PCBs were also qualified as estimated (J).

Matrix Spike/Matrix Spike Duplicates

PCB (0510040) – Percent recovery for PCB congener BZ 95 (59) in the matrix spike of NBH05-L-A-3 was below laboratory control limits of 60-140 indicating a potential low bias. The positive result for BZ 95 in sample NBH05-L-A-3 was qualified as estimated (J).

PCB (0510041) – Percent recovery for PCB congener BZ 95 (58) in the matrix spike of NBH05-FF-A-3 was below laboratory control limits of 60-140 indicating a potential low bias. The positive result for BZ 95 in sample NBH05-FF-A-3 was qualified as estimated (J).

Target Compound Quantitation

PCB (0510203) – The result for Aroclor 1254 in sample NBH05-FF-C-2 was qualified as estimated (J) based on professional judgment because the reported concentration was above the linear range of instrument calibration. The sample was not reanalyzed at a dilution.

PCB (0510203) – The result for Aroclor 1254 in sample NBH05-FF-E-1 was qualified as estimated (J) based on professional judgment because the reported concentration was above the linear range of instrument calibration. The result was obtained from an initial dilution of the sample, and the sample was not reanalyzed at a further dilution.

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,” Massachusetts Department of Environmental Protection; September, 2005.

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 May 5, 2006

Appendix C

Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor Superfund Site 2005 Annual Report

**Seafood Monitoring - Field Sampling Activities for the New Bedford Harbor
Superfund Site
2005 Annual Report**

By Frank Germano, Aquatic Biologist III
Massachusetts Division of Marine Fisheries
December 1, 2005

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 Alpha Woods Hole Laboratories in Raynham, Massachusetts for analysis. DEP provides the results of the analyses to EPA to monitor and support of the site remediation project. This report describes the Division of Marine Fisheries' field activities for 2005 in accordance with the Seafood Monitoring and Field Sampling Work Plan and makes recommendations for the upcoming 2006 field season based on results obtained during the previous field season.

Sample Sites

The three Fish Closure Areas are identified on the attached Figure 1 from the EPA Record of Decision for the Upper and Lower Operable Unit, New Bedford Harbor Superfund Site, New Bedford, Massachusetts, dated September 25, 1998. 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 Mishauum 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 9).

2005 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 6.

American lobster (*Homarus americanus*) & Blue crab (*Carcinus maenas*)

Lobsters were harvested by pots during the months of May and June (see Figure 2 and

Collection Form 1). Three legal size lobsters were collected at each of the five stations in Areas 2 and 3. Three lobsters were also collected from Station E in Area 1.

As the Inner Harbor is not lobster habitat, blue crabs were collected at the remaining four Area 1 stations. Blue crabs were harvested by pots during the months of July and August (see Figure 3 and Collection Form 2). Three legal size blue crabs were harvested from each station.

Quahog (*Mercenaria mercenaria*)

Marine Fisheries collected quahogs from all fifteen stations in the three Fish Closure Areas in June prior the animals spawning in April and June (see Figure 4 and Collection Form 3). Twelve legal size quahogs were collected from each station in order to provide sufficient sample sizes for the Work Plan.

Alewife (*Alosa pseudoharengus*)

As recommended in the 2004 sampling report, alewives were sampled at the head of the Acushnet River. Five alewives were collected from each station (above and below the Saw Mill Dam) in Area 1 during April (see Figure 5 and Collection Form 3). This was the first time these anadromous herring have been collected as part of the study. Alewife enter the Acushnet River in the spring to spawn in the pond above the dam.

American eel (*Anguilla rostrata*)

Eels were harvested using traditional eel pots at five stations in Area 1 and at station C, just south of the hurricane barrier in Area 2 in June and July (see Figure 6 and Collection Form 4). Three legal-sized eels were collected at each station. Sampling for eels proved to be unusually difficult in Area 1 this year due to increased siltation likely caused by an ongoing dredge project off North Terminal. Similarly, sampling at Station C in Area 2 appeared to have been hindered by siltation from the dumping of dredged material as part of the capping effort outside of the Hurricane Barrier.

Despite intensive sampling efforts, no eel were taken from the remaining portion of Area 2 and Area 3. As noted in previous reports, these areas are not considered to optimum habitat for eels.

Black Sea Bass (*Centropristes striata*)

As a result of the difficulty in collecting benthic species in the remaining portion of Area 2 and Area 3, the bottom feeding black sea bass were harvested by rod and reel and fish pots in Area 2 and Area 3 in July, September, and October (see Figure 7 and Collection Form 5). As per the work plan, as many as three legal size black sea bass were harvested from each of these stations.

Flounder (*Pseudopleuronectes americanus*)

In an effort to collect benthic species other than eels in Areas 2 & 3, fish pots were set at several different locations. A single winter flounder (*Pseudopleuronectes americanus*) was

collected at station C in Area 2 in September (see Figure 8 and Collection Form 5). Despite considerable effort, no flounder were harvested at any other stations.

Scup (*Stenotomus chrysops*)

Five legal size scup were collected at the ten stations in Areas 2 and 3 using pots and rod and reels in June, July, and August (see Figure 9 and Collection Form 6). While these fish were quite plentiful in Areas 2 and 3, none were taken in Area 1. Fish pots were set at several locations in the Inner Harbor (Area 1) during the period June - September.

However, as the area is not suitable scup habitat, no legal size fish were caught north of the hurricane barrier.

The 2004 report also recommended collecting blueback herring (*Alosa aestivalis*) in Area 1. Unfortunately, after consultation with *MarineFisheries* anadromous fisheries biologist, it was determined that blueback herring do not normally enter the Acushnet River estuary.

Planning for 2006 Field Collections

Marine Fisheries is preparing to implement the sampling plan for 2006. As in past years, insufficient numbers of all target species, with the exception of quahogs, were available at all stations. *MarineFisheries* is once again recommending continuing the modifications to the Work Plan in order to obtain other species considered locally edible seafood during field sampling periods. Based on the results of the last three years sampling, the following recommendations are provided in order to accomplish the objectives of the Seafood Monitoring and Field Sampling Work Plan:

Quahog, lobster, blue crab, eel, scup & sea bass sampling will resume similar to last year, beginning in May and continue through October. Alewife were collected for the first time in April 2005 at the head of the river in Area 1. Alewife will now be collected annually along with the abovementioned species. Lobster will be collected in Areas 2 and 3, and efforts will continue to collect lobster in Area 1. However, given the difficulties encountered in past years with lobster collections in Area 1, blue crabs, as in past years, will again replace lobsters as the target crustacean species in that area.

An effort will once again be made to collect winter flounder as a benthic species at all stations in all areas. Sampling will start in March, if the river and harbor are free of ice, to collect winter flounder while spawning in Areas 1 and 2. If winter flounder can not be collected at any stations in Areas 2 and 3, black sea bass will again as in the past, be harvested in their place.

ATTACHMENT 1

DMF HARVEST SITE MAPS

- Figure 1 Fish Closure Areas I to III
- Figure 2 American Lobster Sample Locations - Area I, II, & III
- Figure 3 Blue Crab Sample Locations - Area I
- Figure 4 Quahog Sample Locations - Area I, II, & III
- Figure 5 Alewife Sample Locations - Area I
- Figure 6 American Eel Sample Locations - Area I & II
- Figure 7 Sea Bass Sample Locations - Area II & III
- Figure 8 Winter Flounder Sample Locations - Area II
- Figure 7 Scup Sample Locations - Area II & III

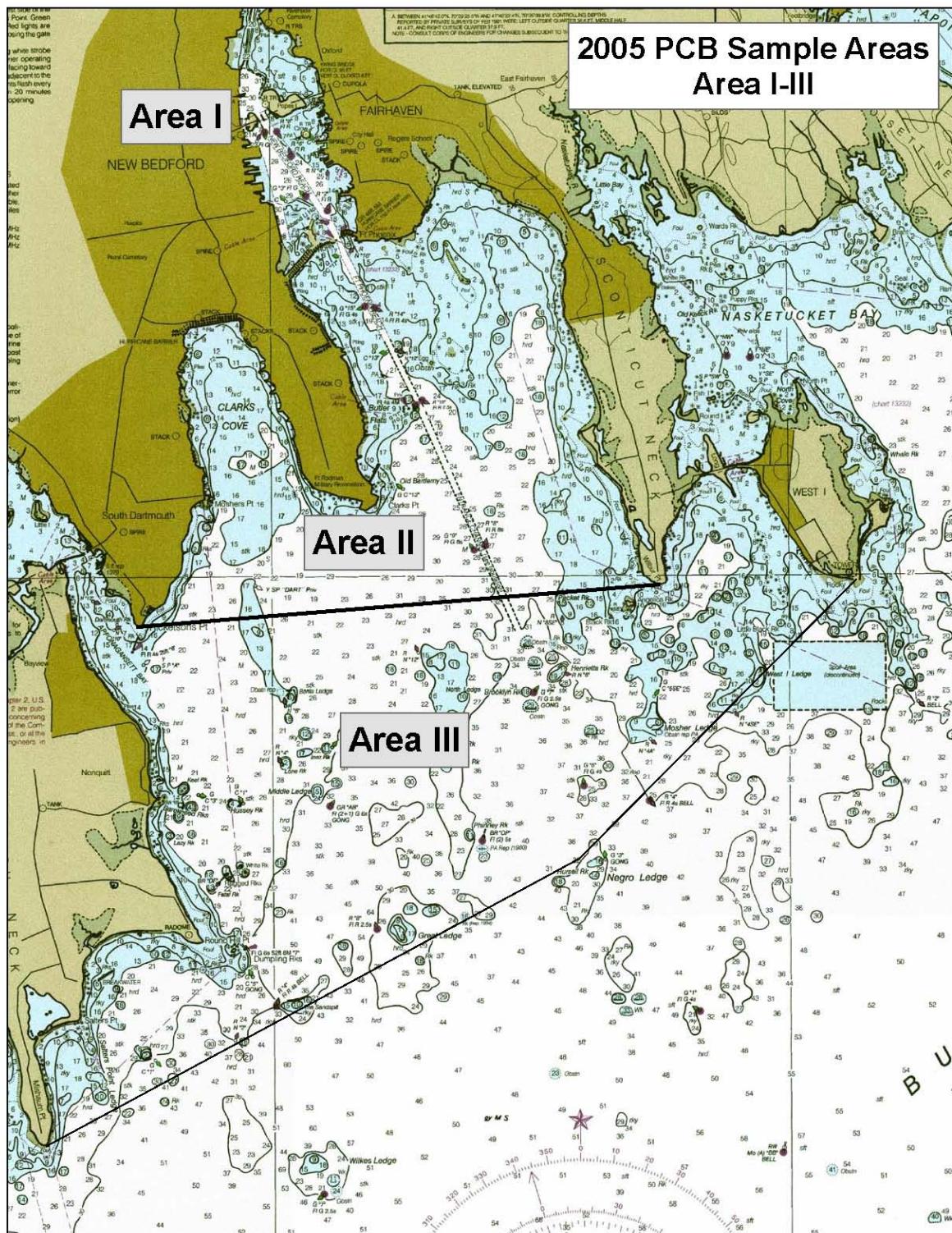


Figure 1 Fish Closure Areas I to III

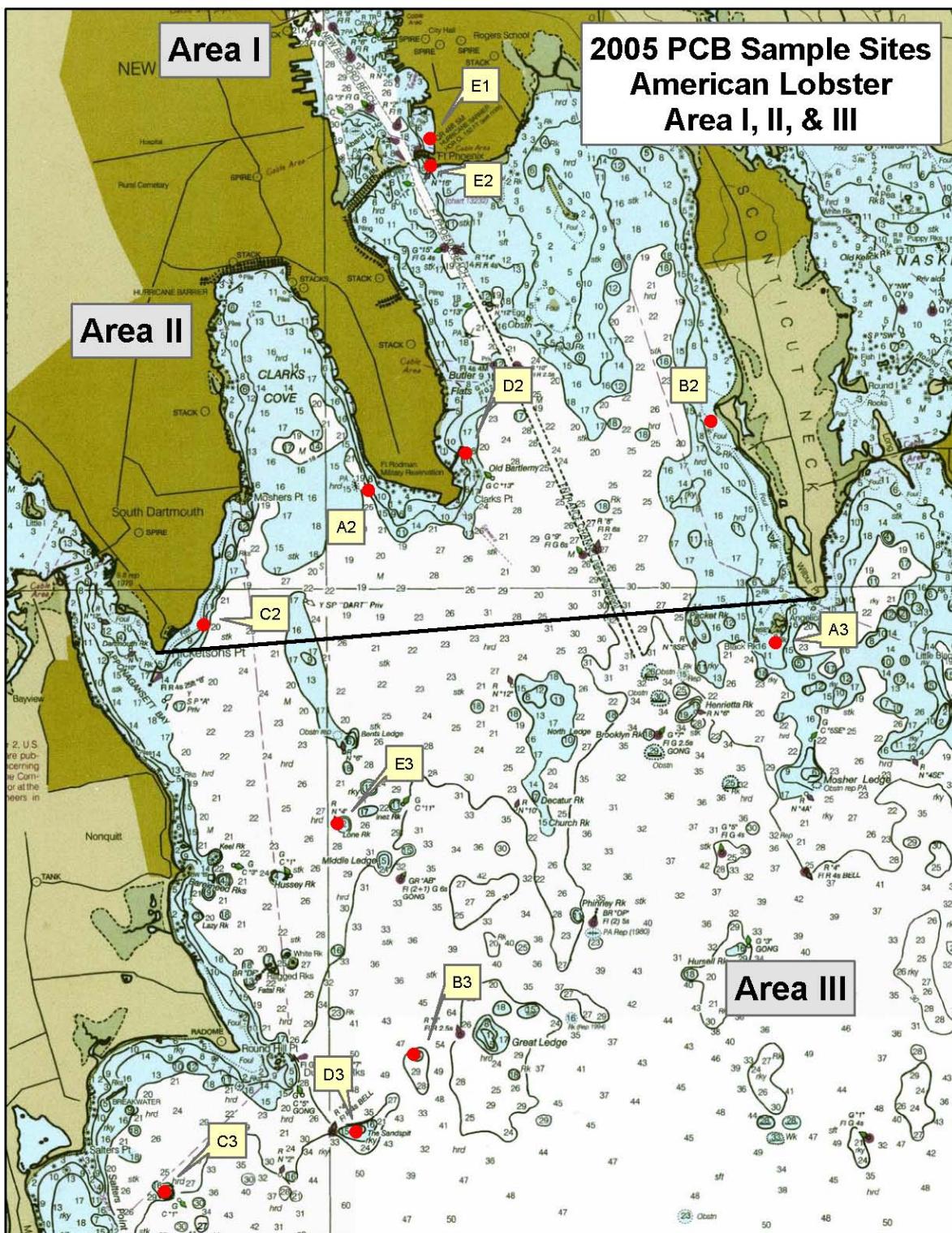


Figure 2 American Lobster Sample Locations -Area I, II, & III

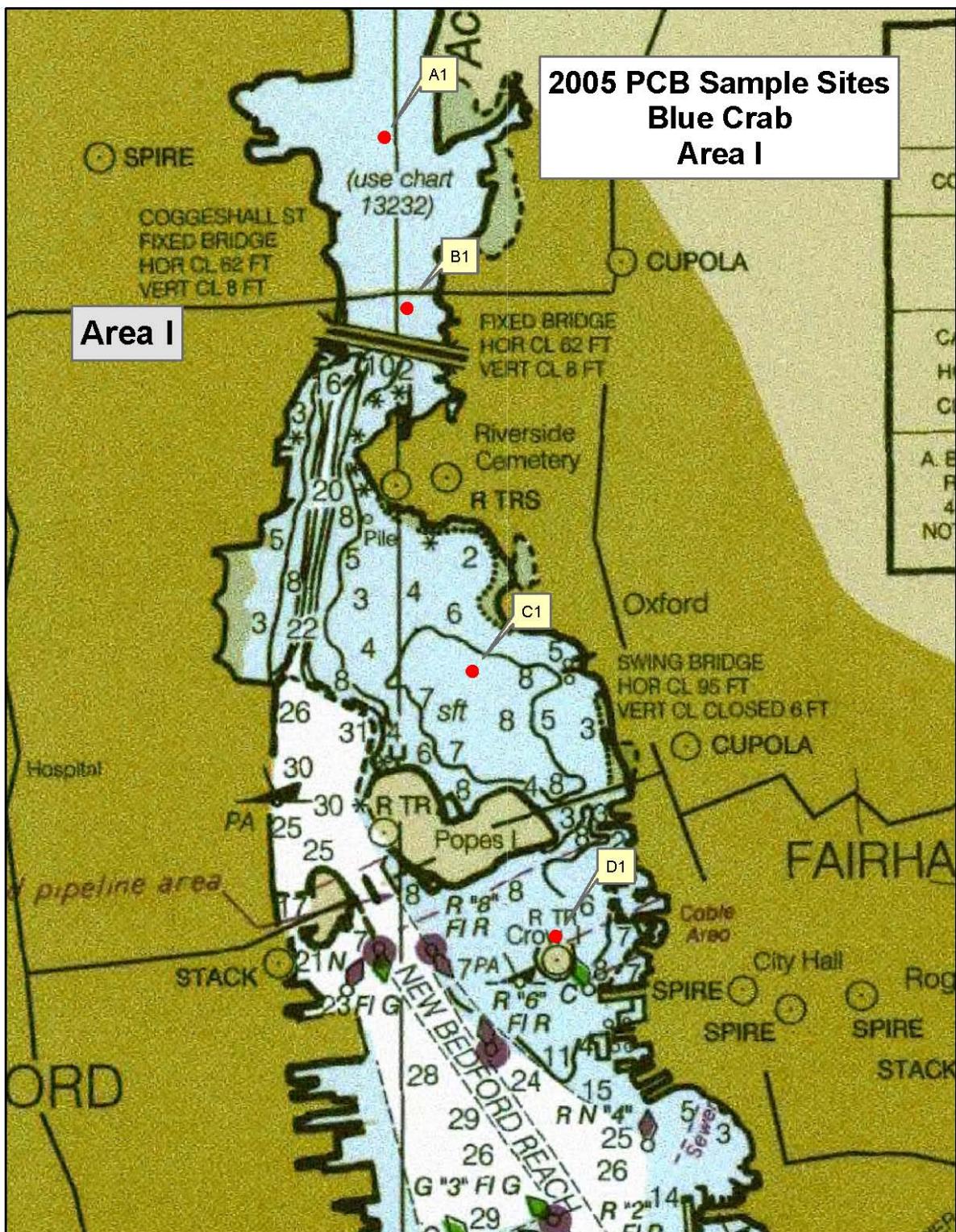


Figure 3 Blue Crab Sample Locations - Area I

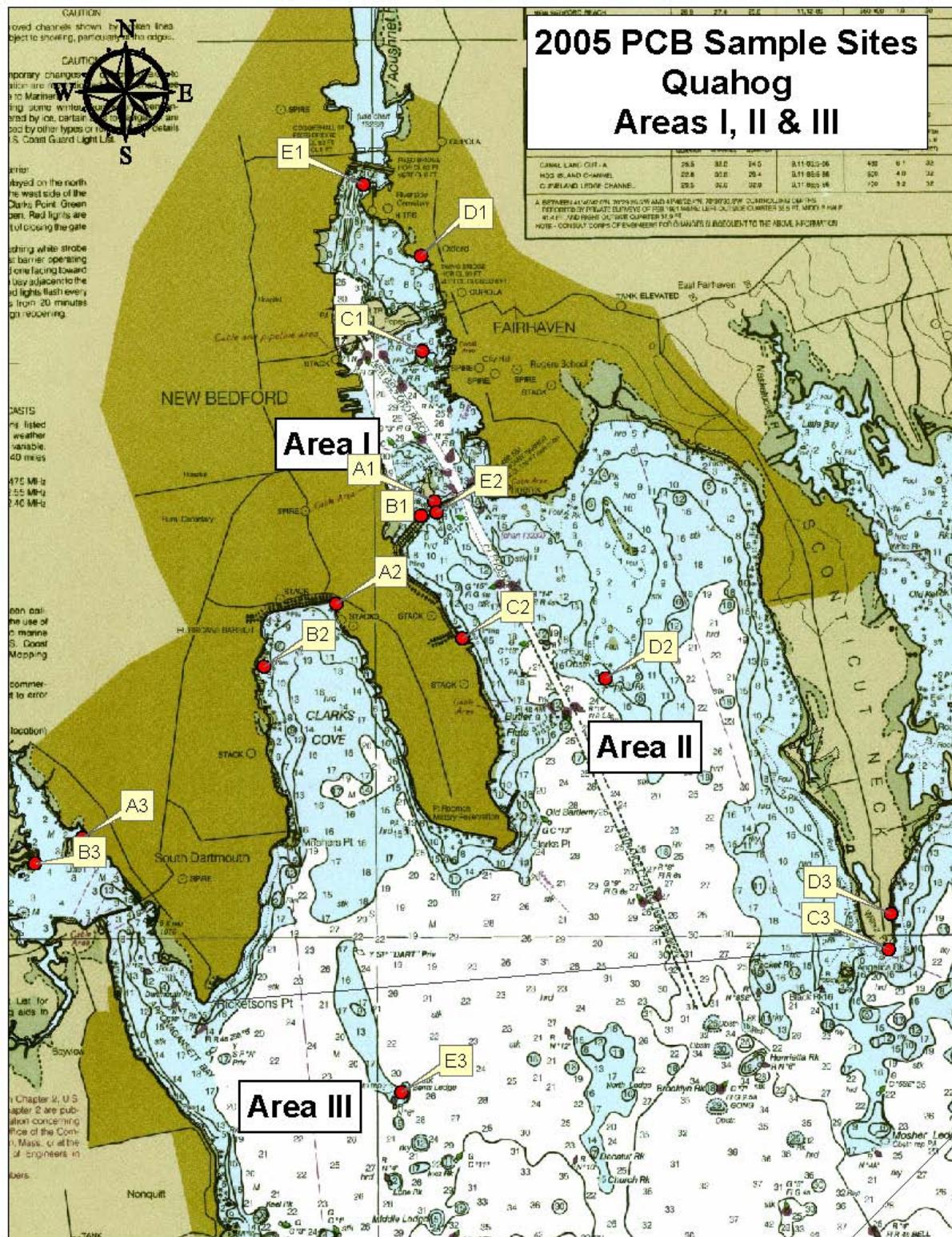


Figure 4 Quahog Sample Locations - Area I, II, & III

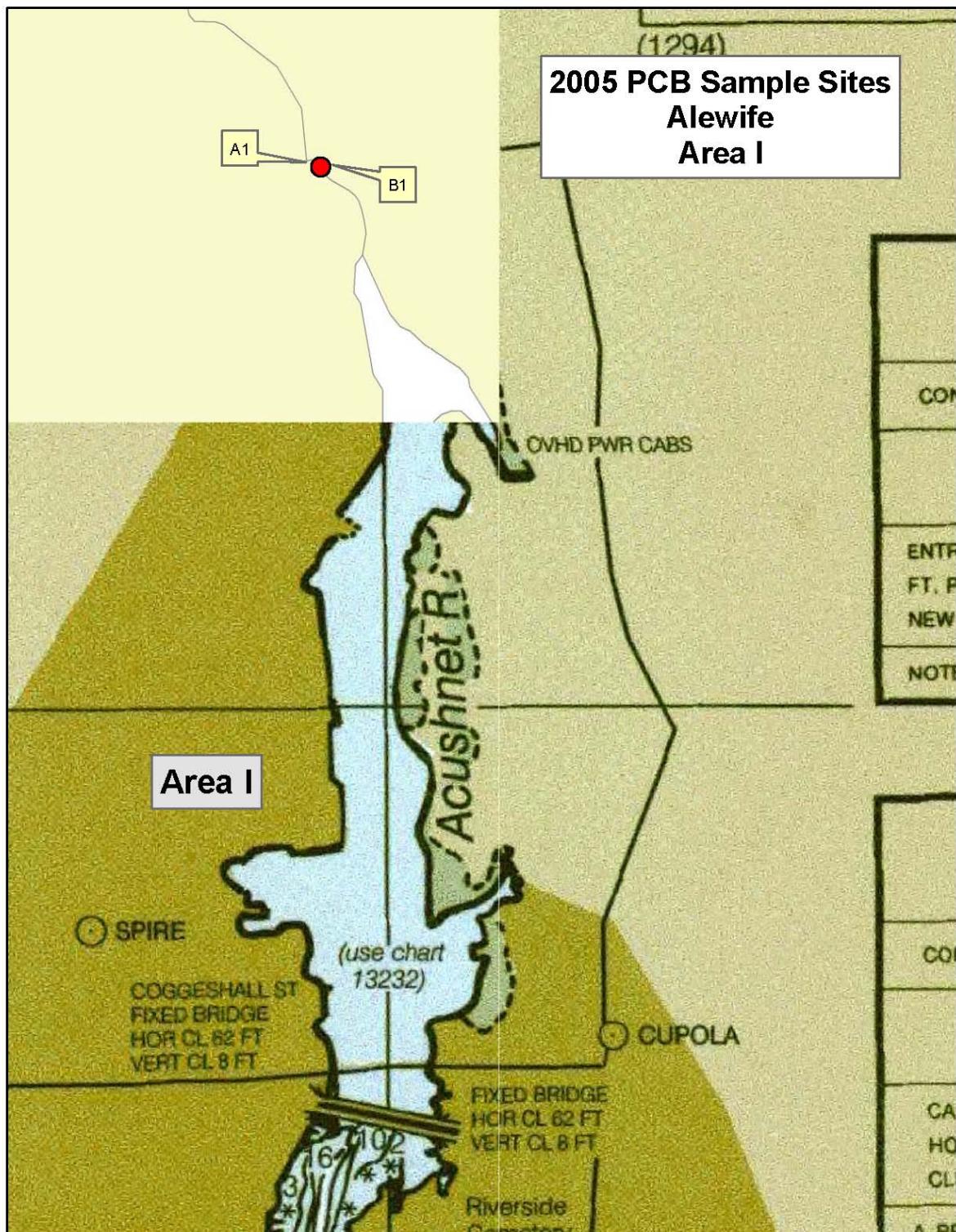


Figure 5 Alewife Sample Locations - Area I

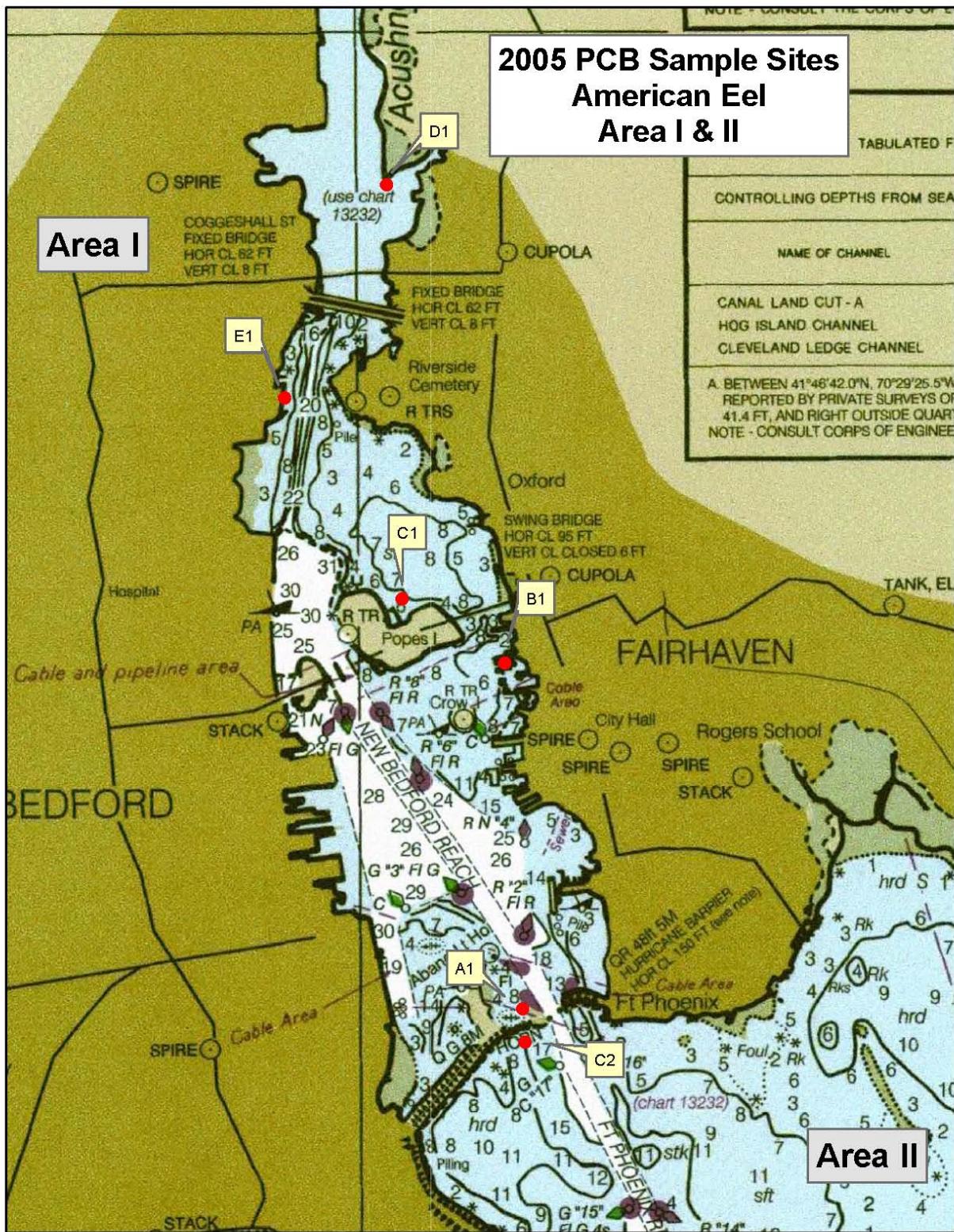


Figure 6 American Eel Sample Locations -Area I & II

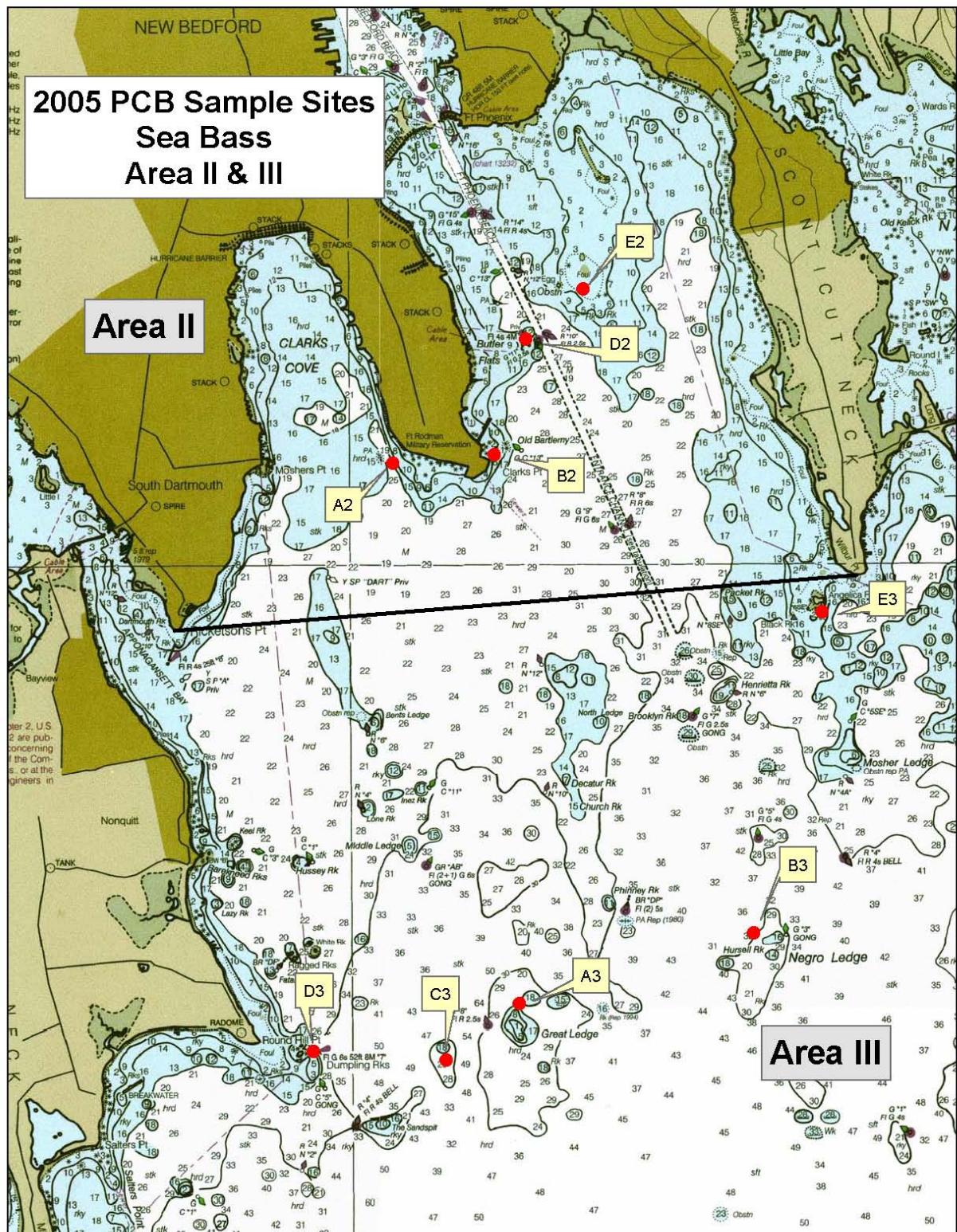


Figure 7 Sea Bass Sample Locations - Area II & III

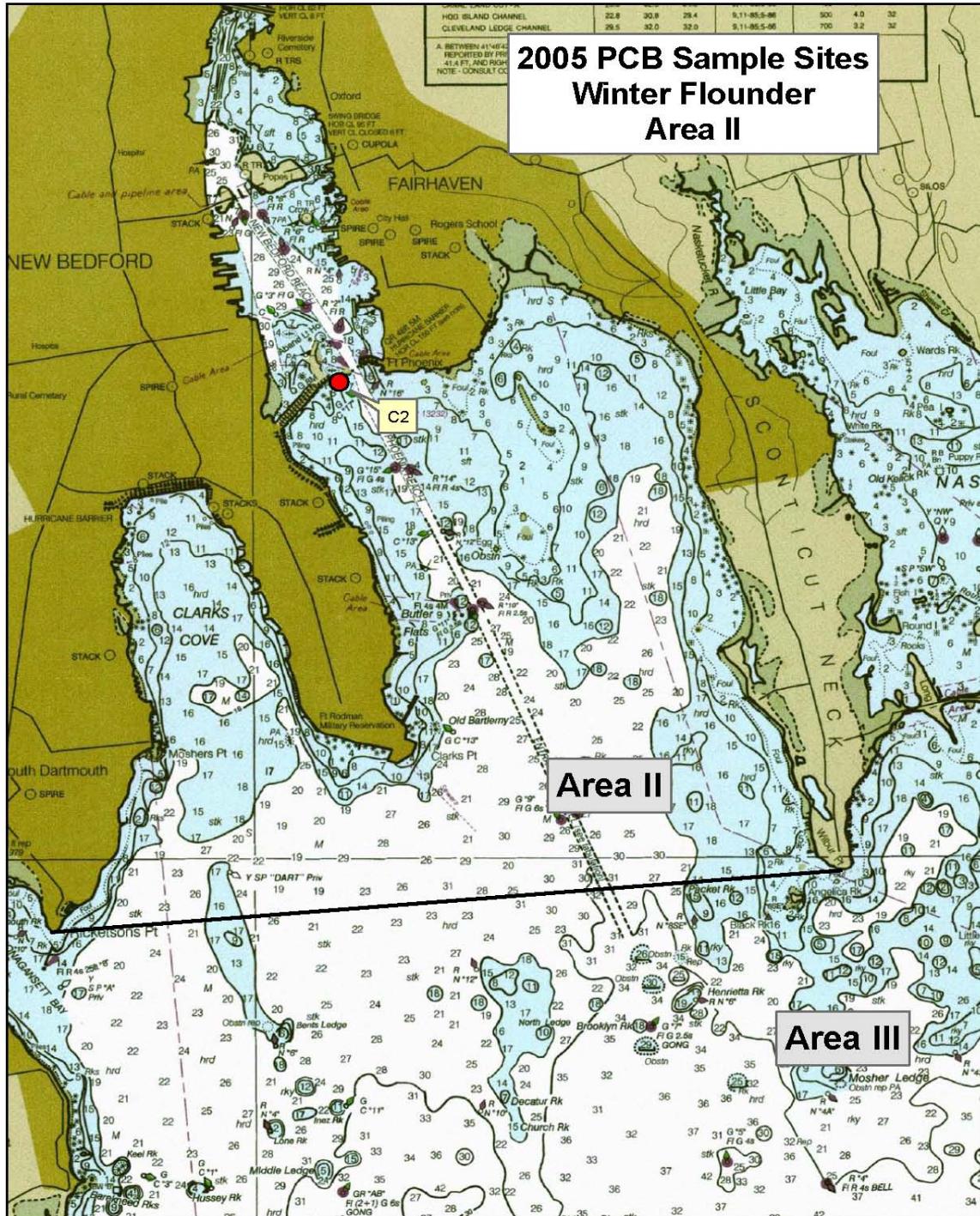


Figure 8 Winter Flounder Sample Locations - Area II

**2005 PCB Sample Sites
Scup
Area II & III**

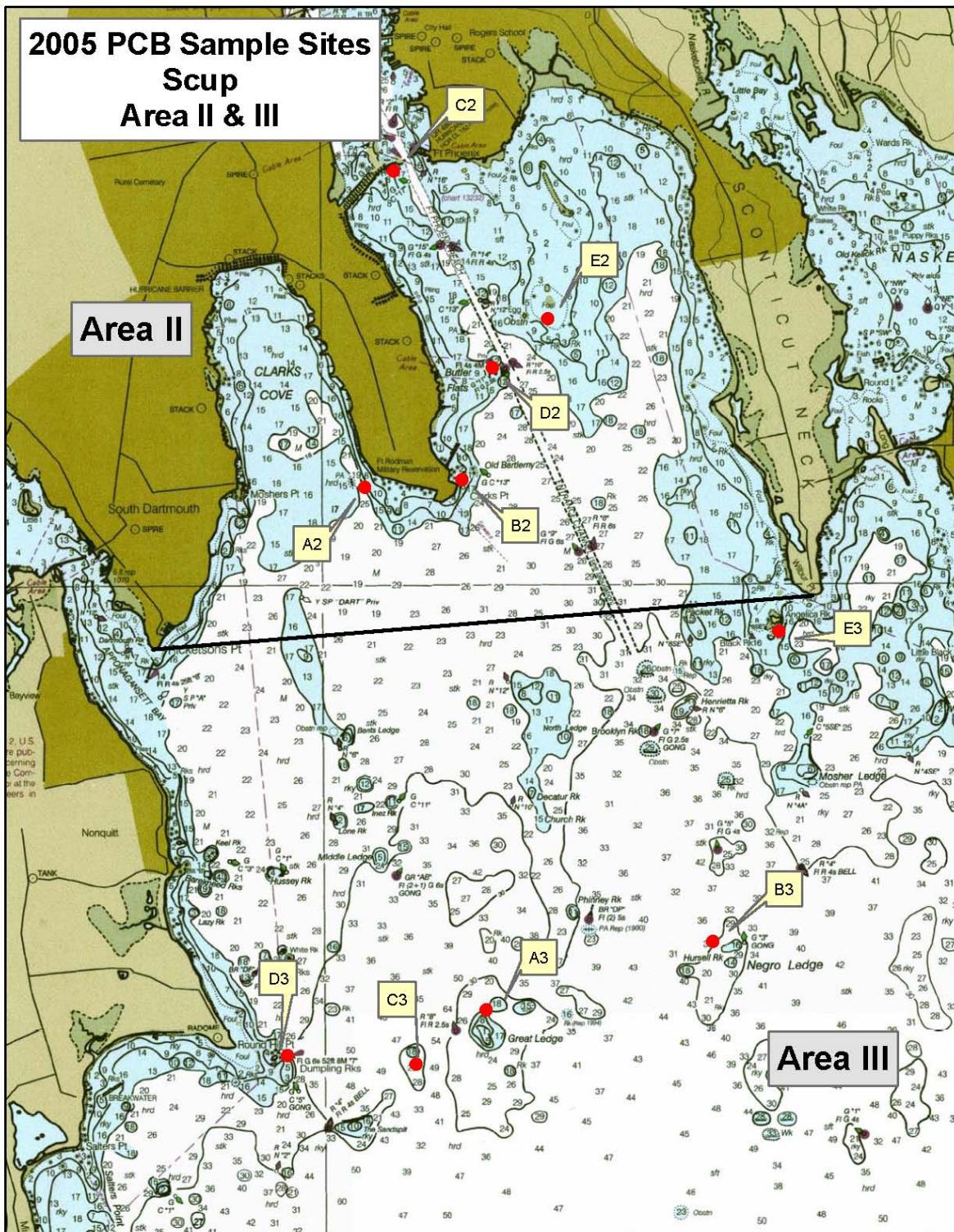


Figure 9 Scup Sample Locations - Area II & III

ATTACHMENT 2
DMF FIELD COLLECTION SHEETS

Field Collection Form 1 Lobster
Field Collection Form 2 Blue Crab
Field Collection Form 3 Quahog and Alewife
Field Collection Form 4 American Eel
Field Collection Form 5 Black Sea Bass and Flounder
Field Collection Form 6 Scup

FIELD COLLECTION FORM 1: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
 NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:
 COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
09/05/05	NBH05-L-A-3	3 Lobsters	Station A Angelica Rock	NBH Area 3	041 34.664' 070 51.566'	Lobster Pots	
12/05/05	NBH05-L-B-3	3 Lobsters	Station B Radome R"8"	NBH Area 3	041 32.302' 070 54.353'	Lobster Pots	
23/05/05	NBH05-L-C-3	3 Lobsters	Station C SP Rock C"1"	NBH Area 3	041 31.522' 070 56.268'	Lobster Pots	
09/05/05	NBH05-L-D-3	3 Lobsters	Station D Sand Spit R"4"	NBH Area 3	041 31.861' 070 54.799'	Lobster Pots	
12/05/05	NBH05-L-E-3	3 Lobsters	Station E Lone Rock N"4"	NBH Area 3	041 33.635' 070 54.926'	Lobster Pots	
02/05/05	NBH05-L-A-2	3 Lobsters	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Lobster Pots	
09/05/05	NBH05-L-B-2	3 Lobsters	Station B Sconticut Neck	NBH Area 2	041 35.938' 070 52.043'	Lobster Pots	
02/05/05	NBH05-L-C-2	3 Lobsters	Station C Ricketsons Pt.	NBH Area 2	041 34.785' 070 55.936'	Lobster Pots	
05/05/05	NBH05-L-D-2	3 Lobsters	Station D E-Fort Rodman	NBH Area 2	041 35.767' 070 53.922'	Lobster Pots	
06/06/05	NBH05-L-E-2	3 Lobsters	Station E Fort Phoenix	NBH Area 2	041 37.422' 070 54.171'	Lobster Pots	
13/06/05	NBH05-L-E-1	3 Lobsters	Station E E of opening on shore	NBH Area 1	041 37.582' 070 54.181'	Lobster Pots	

FIELD COLLECTION FORM 2: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
29/08/05	NBH05-L-A-1	3 Blue Crabs	Station A N of Coggeshall	NBH Area 1	041 39.622' 070 55.012'	Crab Pots	
29/08/05	NBH05-L-B-1	4 Blue Crabs	Station B S of Rte 195	NBH Area 1	041 39.330' 070 54.965'	Crab Pots	
20/07/05	NBH05-L-C-1	3 Blue Crabs	Station C NE of Popes	NBH Area 1	041 38.703' 070 54.820'	Crab Pots	
20/07/05	NBH05-L-D-1	3 Blue Crabs	Station D N of Crow I	NBH Area 1	041 38.248' 070 54.638'	Crab Pots	

FIELD COLLECTION FORM 3: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:
COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
03/06/05	NBH05-SF-A-1	12 Quahogs	Station A West of barrier opening	NBH Area 1	041 37.401' 070 54.617'	Rake	
03/06/05	NBH05-SF-B-1	12 Quahogs	Station B Palmers Island	NBH Area 1	041 37.330' 070 54.847'	Rake	
03/06/05	NBH05-SF-C-1	12 Quahogs	Station C Crow's Island	NBH Area 1	041 38.251' 070 54.646'	Rake	
03/06/05	NBH05-SF-D-1	12 Quahogs	Station D N. of Gifford's Marina	NBH Area 1	041 38.773 070 54.688'	Rake	
03/06/05	NBH05-SF-E-1	12 Quahogs	Station E Tin Can Island	NBH Area 1	041 39.172' 070 55.058'	Rake	
03/06/05	NBH05-SF-A-2	12 Quahogs	Station A Clarks Cove	NBH Area 2	041 36.812' 070 55.307'	Rake	
03/06/05	NBH05-SF-B-2	12 Quahogs	Station B Rogers Street	NBH Area 2	041 36.473' 070 55.863'	Rake	
03/06/05	NBH05-SF-C-2	12 Quahogs	Station C Davy Locker Beach	NBH Area 2	041 35.796' 070 54.117'	Rake	
03/06/05	NBH05-SF-D-2	12 Quahogs	Station D Egg Island	NBH Area 2	041 36.699 070 53.258'	Rake	
03/06/05	NBH05-SF-E-2	12 Quahogs	Station E S. of Hurricane Barrier	NBH Area 2	041 36.892' 070 54.530'	Rake	
03/06/05	NBH05-SF-A-3	12 Quahogs	Station A Little Island	NBH Area 3	041 35.500' 070 57.130'	Rake	

FIELD COLLECTION FORM 3 (Continued): DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD
 NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
03/06/05	NBH05-SF-B-3	12 Quahogs	Station B Star of the Sea	NBH Area 3	041 35.473' 070 57.610'	Rake	
03/06/05	NBH05-SF-C-3	12 Quahogs	Station C Wilbur's Point	NBH Area 3	041 35.290' 070 51.191'	Rake	
03/06/05	NBH05-SF-D-3	12 Quahogs	Station D Nakata Beach	NBH Area 3	041 35.290' 070 50.915'	Rake	
28/04/05	NBH05-SF-E-3	12 Quahogs	Station E E. of Bent's Ledge	NBH Area 3	041 34.250' 070 53.750'	Rake	
25/04/05	NBH05-FF-A-1	5 Alewife	Station A Dam	NBH Area 1	041 40.900' 070 55.125'	Net	
27,28/04/05	NBH05-FF-B-1	5 Alewife	Station B Below Dam	NBH Area 1	041 40.900' 070 55.125'	Net	

FIELD COLLECTION FORM 4: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey/ Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
20/06/05	NBH05-FF-A-1	3 American Eels	Station A Palmer's Island	NBH Area 1	041 37.500' 070 54.550'	Eel Pots	
20/06/05	NBH05-FF-B-1	2 American Eels	Station B North of Kelley's Marina	NBH Area 1	041 38.350' 070 54.490'	Eel Pots	
20/07/05	NBH05-FF-C-1	3 American Eels	Station C N. of Pope's Island	NBH Area 1	041 38.520' 070 54.840'	Eel Pots	
20/06/05	NBH05-FF-E-1	3 American Eels	Station E Revere Brass Pier	NBH Area 1	041 39.020' 070 55.210'	Eel Pots	
20/06/05	NBH05-FF-D-1	3 American Eels	Station D North of Coggeshall Bridge	NBH Area 1	041 39.580' 070 54.880'	Eel Pots	
20/07/05	NBH05-FF-C-2	2 American Eels	Station C W of Opening	NBH Area 2	041 37.180' 070 54.770'	Fish Pots	

FIELD COLLECTION FORM 5: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
 NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Craffey / Dept. Environmental Protection ANALYSIS REQUESTED:

COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
14/09/05	NBH05-FF-B-3	2 Black Sea Bass	Station B Negro Ledge	NBH Area 3	041 32.922' 070 52.023'	Rod and Reel	
14/09/05	NBH05-FF-D-3	2 Black Sea Bass	Station D Radome	NBH Area 3	041 32.281' 070 55.292'	Fish Pots	
20/09/05	NBH05-FF-C-3	2 Black Sea Bass	Station C R "8"	NBH Area 3	041 32.228' 070 54.306'	Rod and Reel	
20/09/05	NBH05-FF-A-3	2 Black Sea Bass	Station A Great Ledge	NBH Area 3	041 32.540' 070 53.766'	Rod and Reel	
27/09/05	NBH05-FF-E-3	3 Black Sea Bass	Station E Angelica Rock	NBH Area 3	041 34.711' 070 51.498'	Fish Pots	
27/09/05	NBH05-FF-B-2	3 Black Sea Bass	Station B E of Fort Rodman	NBH Area 2	041 35.596' 070 53.922'	Fish Pots	
04/10/05	NBH05-FF-D-2	2 Black Sea Bass	Station D Lighthouse	NBH Area 2	041 36.242' 070 53.683'	Fish Pots	
04/10/05	NBH05-FF-A-2	3 Black Sea Bass	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Fish Pots	
20/07/05	NBH05-FF-E-2	2 Black Sea Bass	Station E Egg Island	NBH Area 2	041 36.523' 070 53.258'	Fish Pots	
05/09/05	NBH05-FF-C-2	1 Winter Flounder	Station C W of Opening	NBH Area 2	041 37.380' 070 54.430'	Fish Pots	

FIELD COLLECTION FORM 6: DIVISION OF MARINE FISHERIES, NEW BEDFORD OFFICE, 383 S. RODNEY FRENCH BLVD,
 NEW BEDFORD, MA 02740

PROJECT #: NBH05 REQUESTED BY/AGENCY: Paul Caffey / Dept. Environmental Protection ANALYSIS REQUESTED:
 COLLECTOR: MDMF Frank Germano SHIPPER: MDMF Frank Germano 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
02/08/05	NBH05-FF-A-3	5 Scup	Station A Great Ledge	NBH Area 3	041 32.540' 070 53.766'	Rod and Reel	
28/08/05	NBH05-FF-B-3	5 Scup	Station B Negro Ledge	NBH Area 3	041 32.922' 070 52.023'	Fish Pots	
09/09/05	NBH05-FF-C-3	5 Scup	Station C R "8"	NBH Area 3	041 32.228' 070 54.306'	Rod and Reel	
26/07/05	NBH05-FF-D-3	5 Scup	Station D Radome	NBH Area 3	041 32.281' 070 55.292'	Rod and Reel	
26/07/05	NBH05-FF-E-3	5 Scup	Station E Angelica Rock	NBH Area 3	041 34.711' 070 51.498'	Fish Pots	
20/07/05	NBH05-FF-A-2	5 Scup	Station A SMAST Pier	NBH Area 2	041 35.556' 070 54.669'	Fish Pots	
17/06/05	NBH05-FF-B-2	5 Scup	Station B E of Fort Rodman	NBH Area 2	041 35.596' 070 53.922'	Fish Pots	
20/07/05	NBH05-FF-C-2	5 Scup	Station C W of Opening	NBH Area 2	041 37.380' 070 54.430'	Fish Pots	
20/07/05	NBH05-FF-D-2	5 Scup	Station D Lighthouse	NBH Area 2	041 36.242' 070 53.683'	Fish Pots	
20/07/05	NBH05-FF-E-2	5 Scup	Station E Egg Rocks	NBH Area 2	041 36.523' 070 53.258'	Fish Pots	